

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008579.D
 Acq On : 03 May 2022 09:44
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/04/2022
 Supervised By : Mahesh Dadoda 05/04/2022

Quant Time: May 03 16:54:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	164832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	247027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	223064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81864	51.100	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.200%			
35) Dibromofluoromethane	7.716	113	85892	52.547	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.100%			
50) Toluene-d8	10.179	98	319714	55.209	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.420%			
62) 4-Bromofluorobenzene	12.483	95	109858	51.758	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	72486	43.878	ug/l	99
3) Chloromethane	2.113	50	85884	44.726	ug/l	95
4) Vinyl Chloride	2.253	62	102450	44.376	ug/l	100
5) Bromomethane	2.650	94	79207	46.326	ug/l	98
6) Chloroethane	2.796	64	64116	43.335	ug/l	95
7) Trichlorofluoromethane	3.125	101	141412	45.287	ug/l	93
8) Diethyl Ether	3.527	74	48634	48.632	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.899	101	85727	46.701	ug/l	94
10) Methyl Iodide	4.088	142	101696	44.689	ug/l #	88
11) Tert butyl alcohol	4.954	59	42411	258.530	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	82818	47.879	ug/l #	77
13) Acrolein	3.729	56	56999	263.314	ug/l	98
14) Allyl chloride	4.478	41	102849	49.666	ug/l #	86
15) Acrylonitrile	5.161	53	116744	256.052	ug/l	97
16) Acetone	3.942	43	96091	278.378	ug/l #	86
17) Carbon Disulfide	4.192	76	244094	49.631	ug/l	99
18) Methyl Acetate	4.472	43	49588	50.417	ug/l #	80
19) Methyl tert-butyl Ether	5.216	73	227770	47.754	ug/l	94
20) Methylene Chloride	4.716	84	91750	43.993	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	94579	48.133	ug/l #	79
22) Diisopropyl ether	6.112	45	234150	48.979	ug/l #	91
23) Vinyl Acetate	6.057	43	803022	257.219	ug/l #	86
24) 1,1-Dichloroethane	6.015	63	144690	48.014	ug/l	96
25) 2-Butanone	6.984	43	147463	266.144	ug/l #	75
26) 2,2-Dichloropropane	6.978	77	136146	47.171	ug/l	91
27) cis-1,2-Dichloroethene	6.984	96	106417	47.322	ug/l	80
28) Bromochloromethane	7.332	49	51794	44.951	ug/l #	59
29) Tetrahydrofuran	7.344	42	96540	262.703	ug/l #	76
30) Chloroform	7.502	83	159017	47.096	ug/l	97
31) Cyclohexane	7.783	56	131583	47.585	ug/l #	85
32) 1,1,1-Trichloroethane	7.697	97	143819	46.436	ug/l #	93
36) 1,1-Dichloropropene	7.917	75	122834	48.326	ug/l	94
37) Ethyl Acetate	7.069	43	65261	50.066	ug/l #	90
38) Carbon Tetrachloride	7.899	117	134686	46.447	ug/l	99
39) Methylcyclohexane	9.179	83	160493	47.866	ug/l #	86
40) Benzene	8.161	78	359730	48.998	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	29377m	51.371	ug/l	
42) 1,2-Dichloroethane	8.234	62	98669	46.432	ug/l	88
43) Isopropyl Acetate	8.270	43	118852	50.113	ug/l #	85
44) Trichloroethene	8.941	130	107574	46.711	ug/l	92
45) 1,2-Dichloropropane	9.215	63	84765	49.490	ug/l	97
46) Dibromomethane	9.307	93	57443	48.043	ug/l	94
47) Bromodichloromethane	9.496	83	125509	48.176	ug/l	99
48) Methyl methacrylate	9.289	41	51668	49.562	ug/l #	76
49) 1,4-Dioxane	9.301	88	16242	1071.355	ug/l #	75
51) 4-Methyl-2-Pentanone	10.069	43	321515	258.277	ug/l #	84
52) Toluene	10.246	92	238565	48.615	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	135012	49.021	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	149904	48.991	ug/l #	78
55) 1,1,2-Trichloroethane	10.648	97	81139	48.699	ug/l	95
56) Ethyl methacrylate	10.508	69	107528	51.089	ug/l #	71
57) 1,3-Dichloropropane	10.788	76	131690	49.513	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	294042	275.254	ug/l #	88
59) 2-Hexanone	10.831	43	230506	271.903	ug/l	79
60) Dibromochloromethane	10.983	129	100700	48.318	ug/l	100
61) 1,2-Dibromoethane	11.087	107	81474	48.317	ug/l	99
64) Tetrachloroethene	10.721	164	95695	47.028	ug/l	97
65) Chlorobenzene	11.514	112	262972	48.943	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	98222	48.421	ug/l	98
67) Ethyl Benzene	11.593	91	442662	48.970	ug/l	96
68) m/p-Xylenes	11.703	106	362076	98.053	ug/l	89
69) o-Xylene	12.032	106	174156	49.211	ug/l	88
70) Styrene	12.044	104	293038	49.810	ug/l	92
71) Bromoform	12.209	173	68204	50.578	ug/l #	98
73) Isopropylbenzene	12.331	105	446620	49.815	ug/l	98
74) N-amyl acetate	12.142	43	109369	54.587	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	97511	53.746	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	60950m	49.683	ug/l	
77) Bromobenzene	12.611	156	114433	48.375	ug/l	87
78) n-propylbenzene	12.672	91	525902	50.407	ug/l	96
79) 2-Chlorotoluene	12.757	91	291951	49.702	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	369384	49.868	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	33732	55.746	ug/l #	79
82) 4-Chlorotoluene	12.855	91	304622	50.343	ug/l	94
83) tert-Butylbenzene	13.074	119	326787	49.255	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	365134	49.594	ug/l	95
85) sec-Butylbenzene	13.257	105	483753	49.475	ug/l	97
86) p-Isopropyltoluene	13.373	119	410113	49.404	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	218147	47.683	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	216631	48.006	ug/l	98
89) n-Butylbenzene	13.696	91	366972	50.188	ug/l	97
90) Hexachloroethane	13.965	117	76596	49.821	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	198150	48.534	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14805	53.619	ug/l	63
93) 1,2,4-Trichlorobenzene	15.007	180	122406	46.987	ug/l	99
94) Hexachlorobutadiene	15.111	225	68960	46.873	ug/l	99
95) Naphthalene	15.239	128	261304	50.019	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	107509	46.496	ug/l	99

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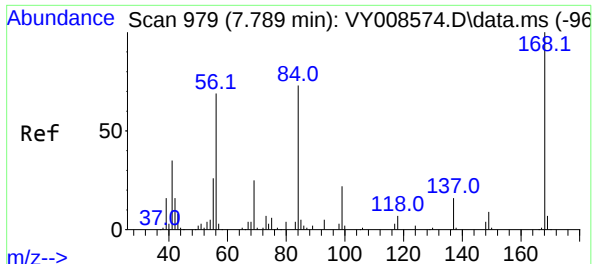
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

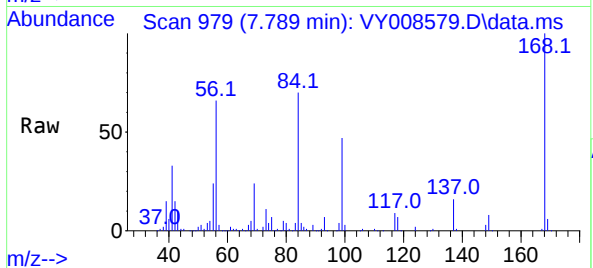
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008579.D
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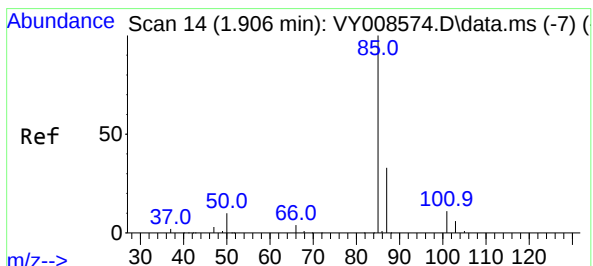
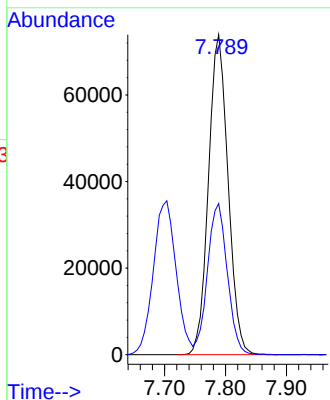
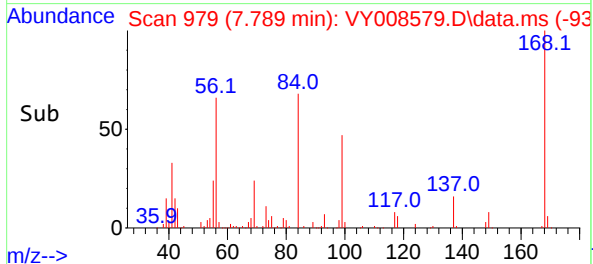
Instrument :
MSVOA_Y
ClientSampleId :
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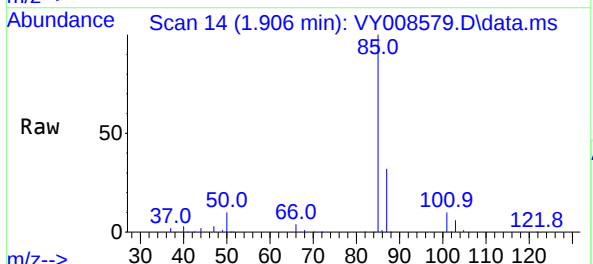
Tgt Ion:168 Resp: 16483
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3

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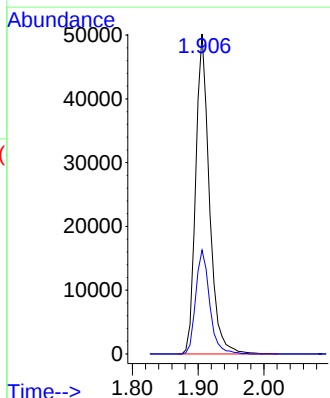
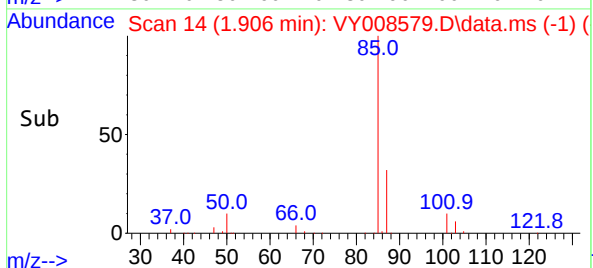
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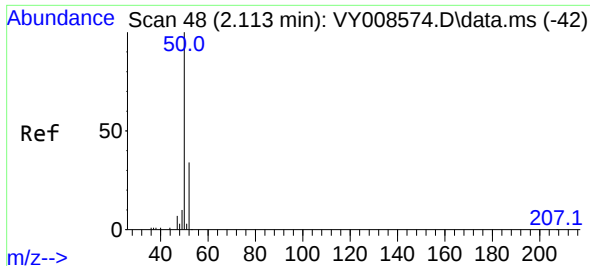


#2
Dichlorodifluoromethane
Concen: 43.878 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



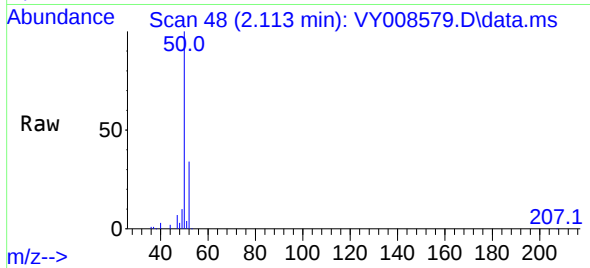
Tgt Ion: 85 Resp: 72486
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2





#3
Chloromethane
Concen: 44.726 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

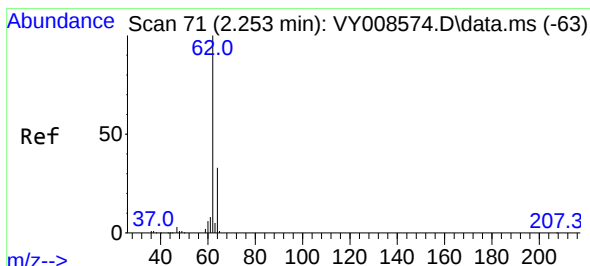
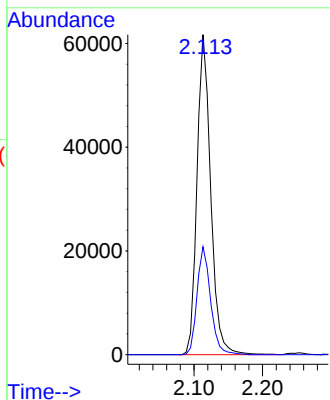
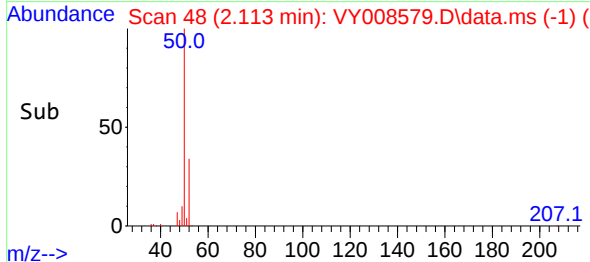
Instrument :
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ClientSampleId :
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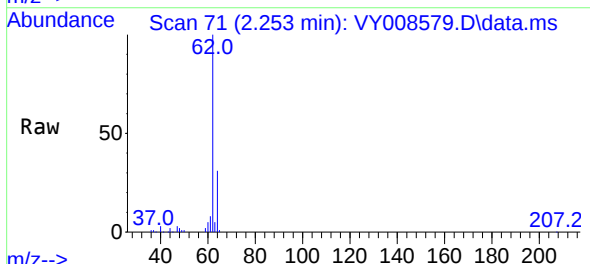
Tgt Ion: 50 Resp: 85884
Ion Ratio Lower Upper
50 100
52 33.7 24.6 37.0

Manual Integrations
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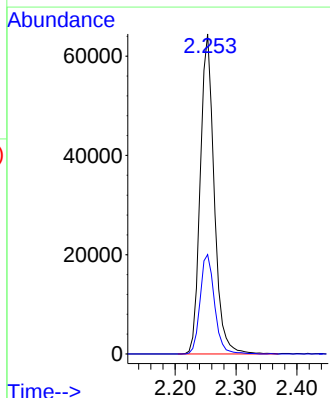
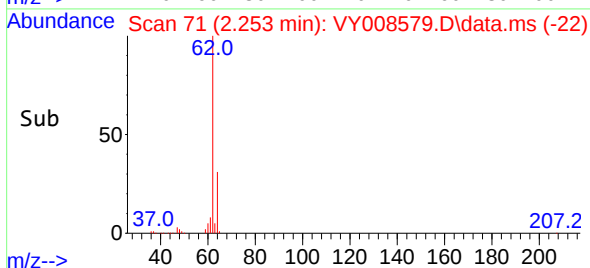
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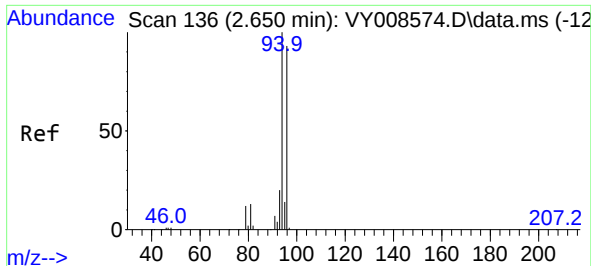


#4
Vinyl Chloride
Concen: 44.376 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



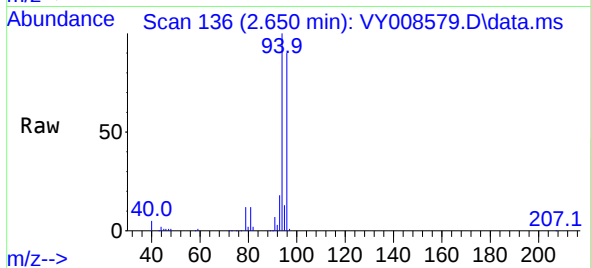
Tgt Ion: 62 Resp: 102450
Ion Ratio Lower Upper
62 100
64 31.0 25.0 37.6





#5
Bromomethane
Concen: 46.326 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

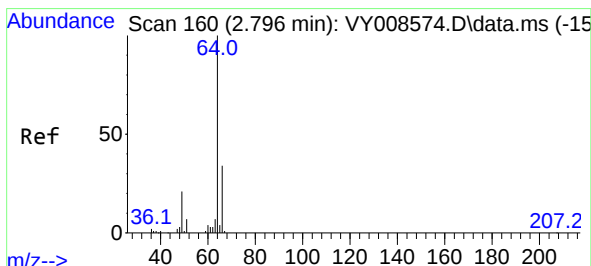
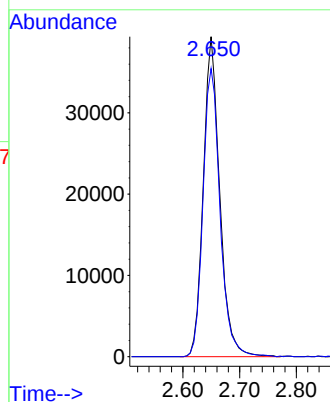
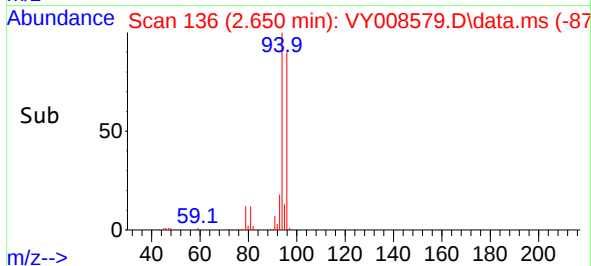
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Tgt Ion: 94 Resp: 7920
Ion Ratio Lower Upper
94 100
96 90.1 73.5 110.3

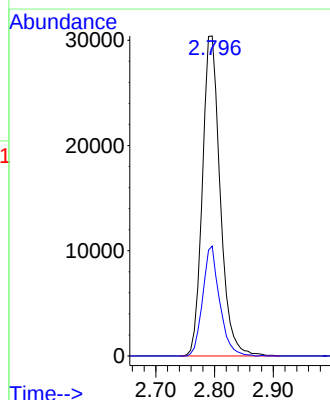
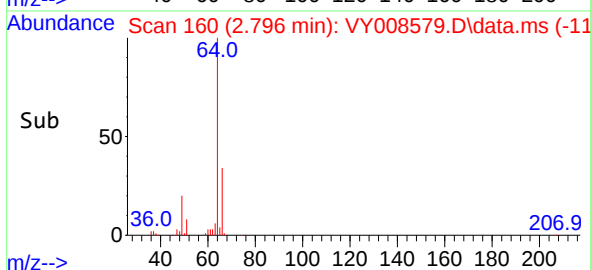
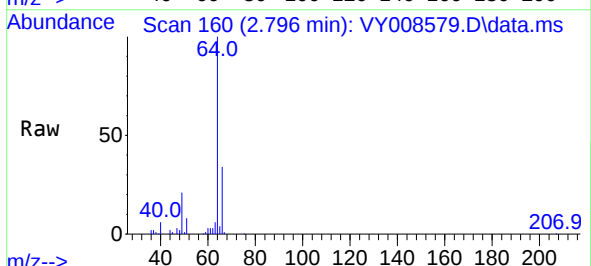
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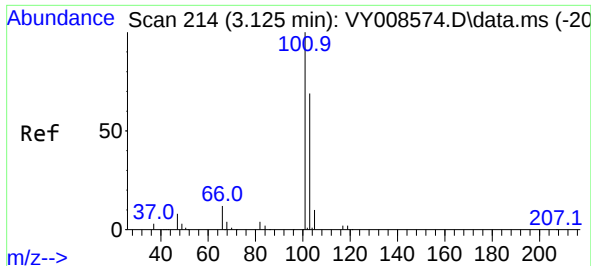
Reviewed By :John Carlone 05/04/2022
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#6
Chloroethane
Concen: 43.335 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY008579.D
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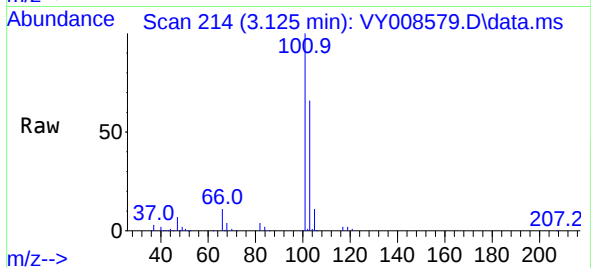
Tgt Ion: 64 Resp: 64116
Ion Ratio Lower Upper
64 100
66 34.4 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 45.287 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY008579.D
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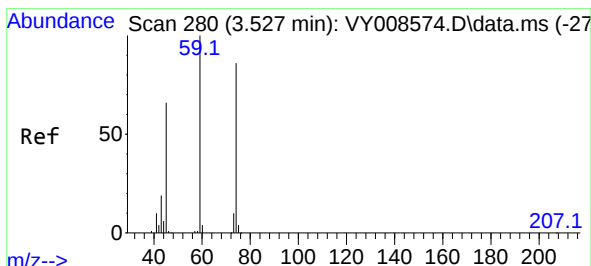
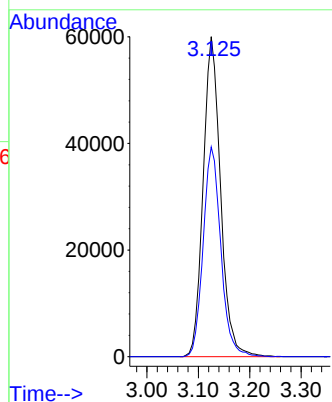
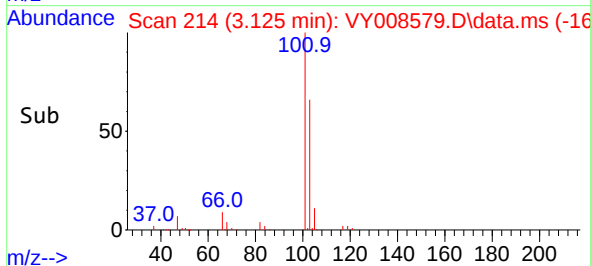
Instrument :
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Tgt Ion:101 Resp: 14141
 Ion Ratio Lower Upper
 101 100
 103 65.5 48.0 72.0

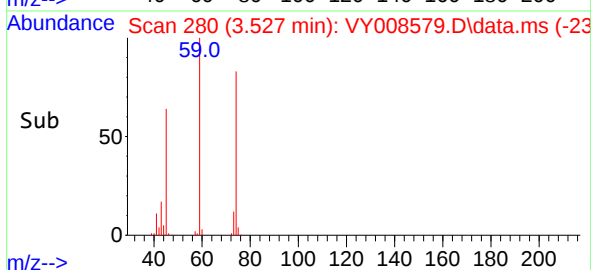
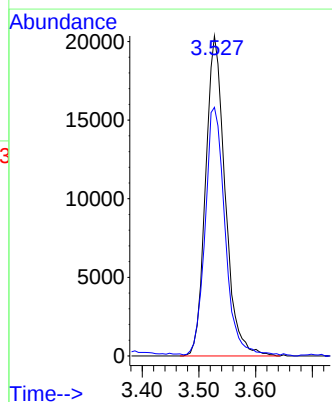
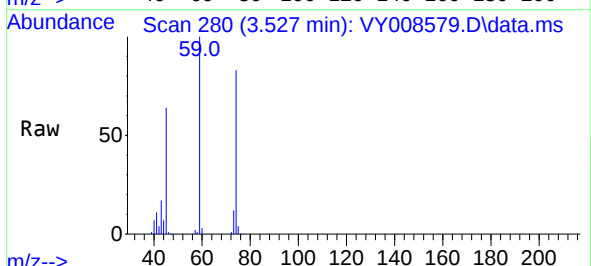
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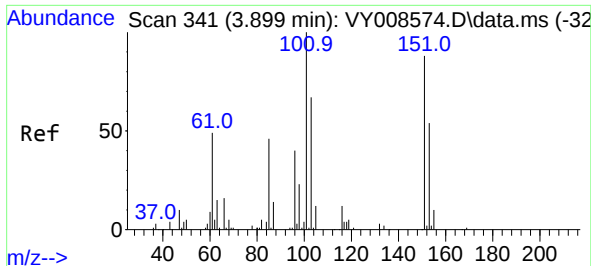
Reviewed By :John Carlone 05/04/2022
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#8
 Diethyl Ether
 Concen: 48.632 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY008579.D
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Tgt Ion: 74 Resp: 48634
 Ion Ratio Lower Upper
 74 100
 45 80.0 55.1 165.5





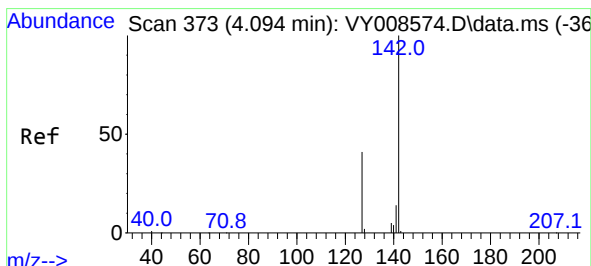
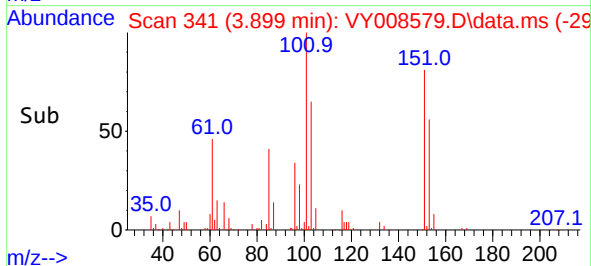
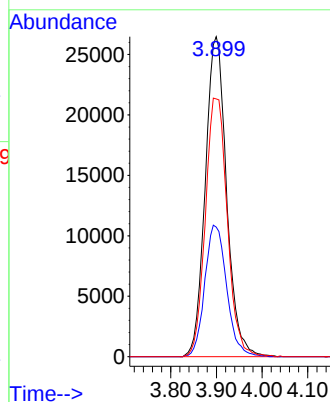
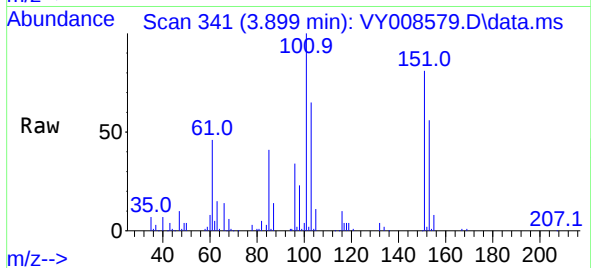
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.701 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8572
Ion Ratio Lower Upper
101 100
85 42.3 40.6 60.8
151 83.2 64.9 97.3

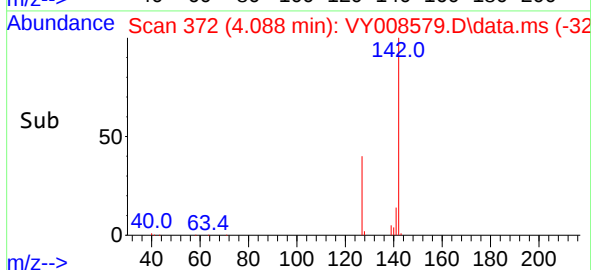
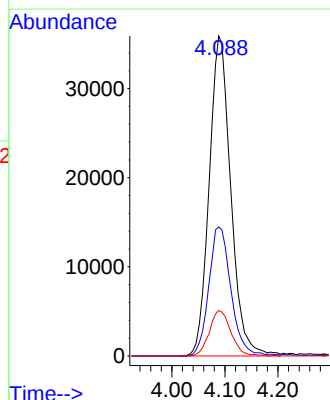
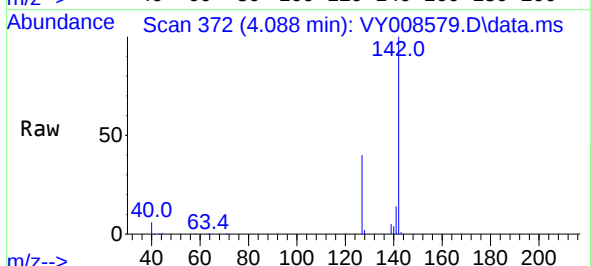
Manual Integrations
APPROVED

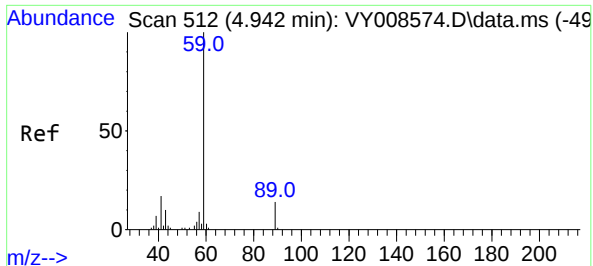
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#10
Methyl Iodide
Concen: 44.689 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

Tgt Ion:142 Resp: 101696
Ion Ratio Lower Upper
142 100
127 41.1 41.5 62.3#
141 14.1 11.9 17.9





#11

Tert butyl alcohol

Concen: 258.530 ug/l

RT: 4.954 min Scan# 512

Delta R.T. 0.012 min

Lab File: VY008579.D

Acq: 03 May 2022 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 4241

Ion Ratio Lower Upper

59 100

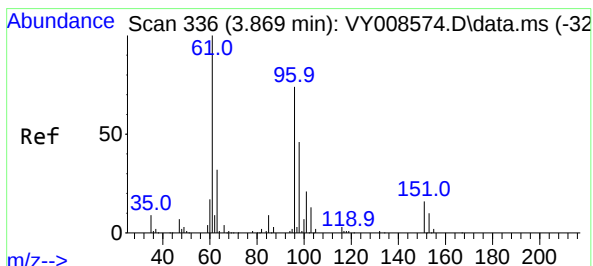
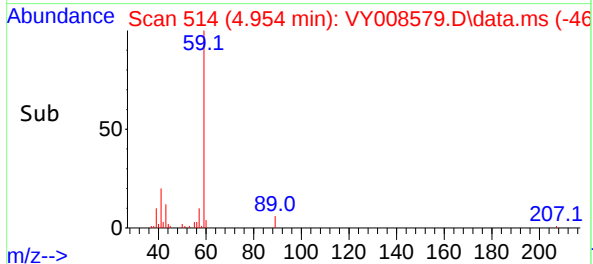
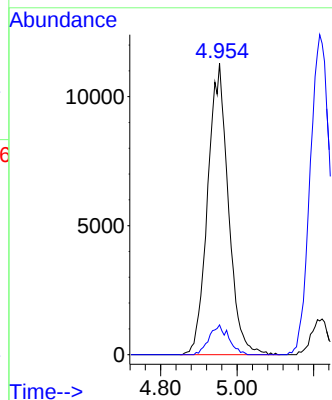
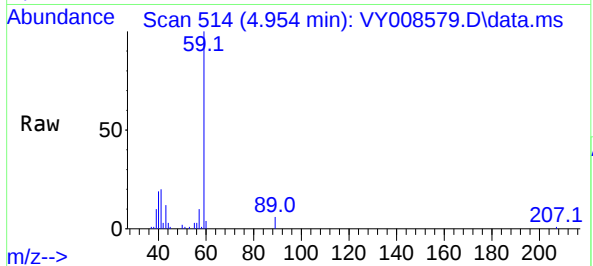
57 9.6 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#12

1,1-Dichloroethene

Concen: 47.879 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY008579.D

Acq: 03 May 2022 09:44

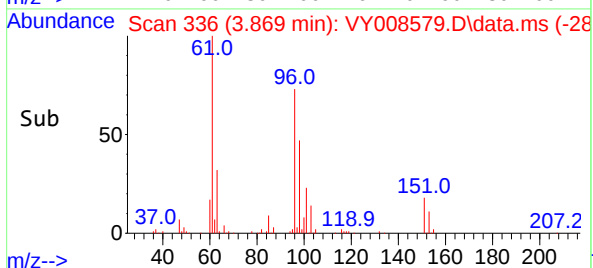
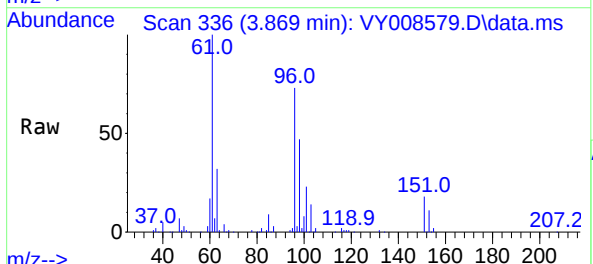
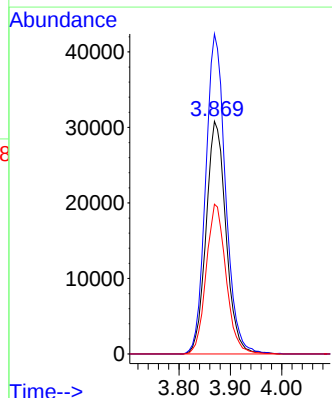
Tgt Ion: 96 Resp: 82818

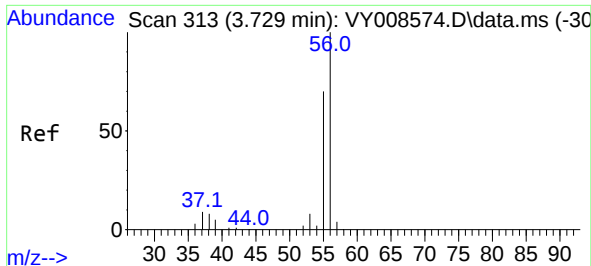
Ion Ratio Lower Upper

96 100

61 137.5 145.8 218.6#

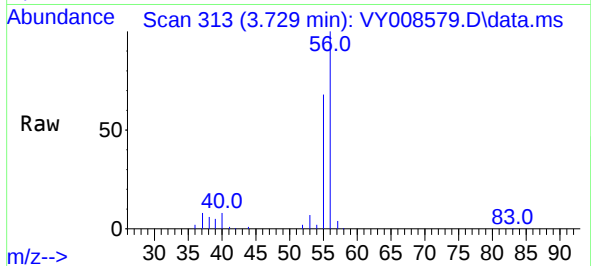
98 64.4 52.5 78.7





#13
Acrolein
Concen: 263.314 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

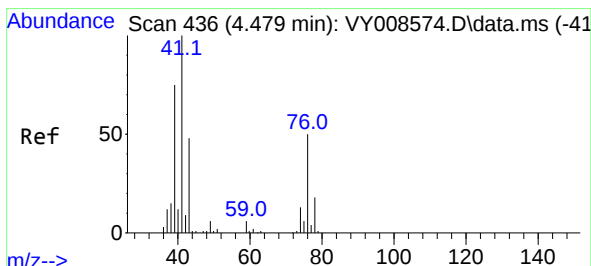
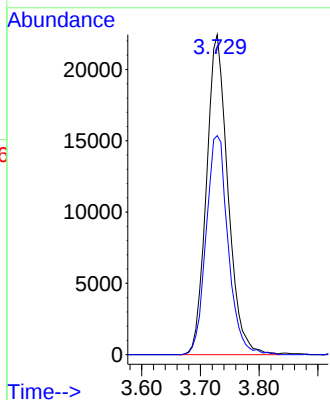
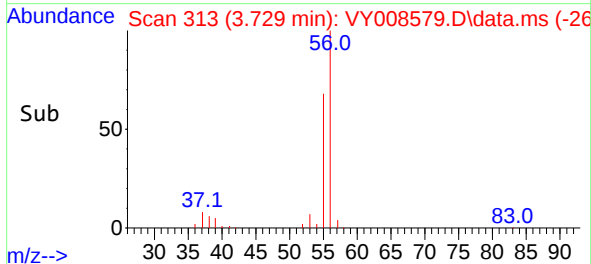
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



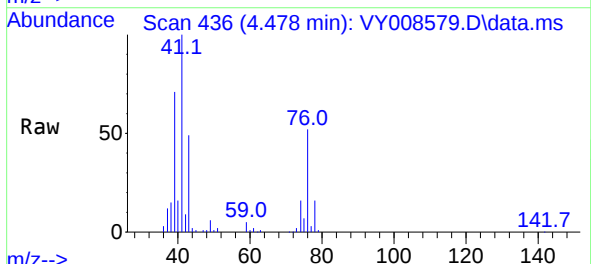
Tgt Ion: 56 Resp: 5699
Ion Ratio Lower Upper
56 100
55 70.2 57.6 86.4

Manual Integrations
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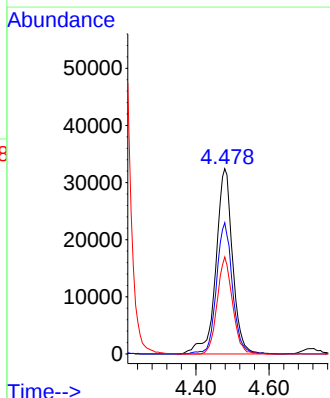
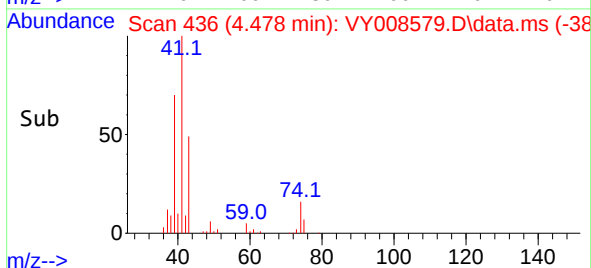
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

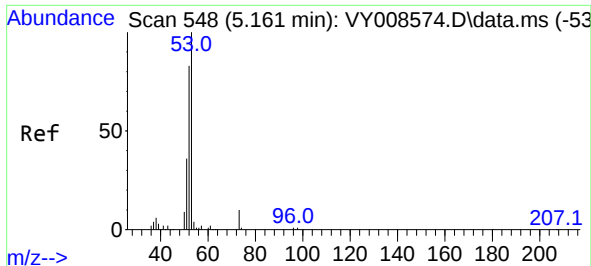


#14
Allyl chloride
Concen: 49.666 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



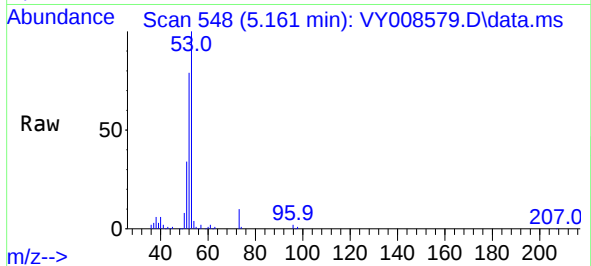
Tgt Ion: 41 Resp: 102849
Ion Ratio Lower Upper
41 100
39 67.9 58.8 88.2
76 47.9 25.1 37.7#





#15
Acrylonitrile
Concen: 256.052 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

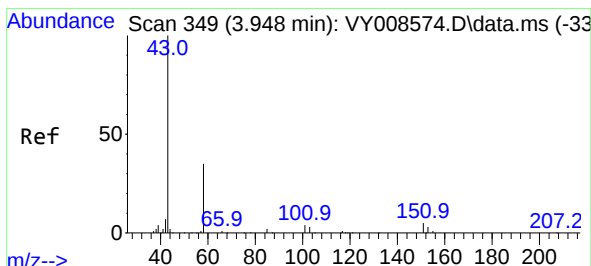
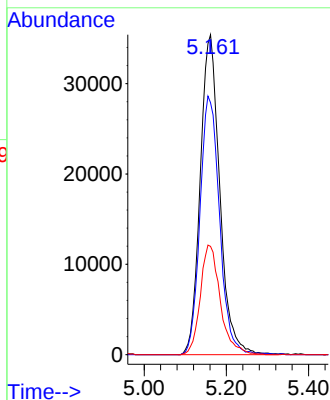
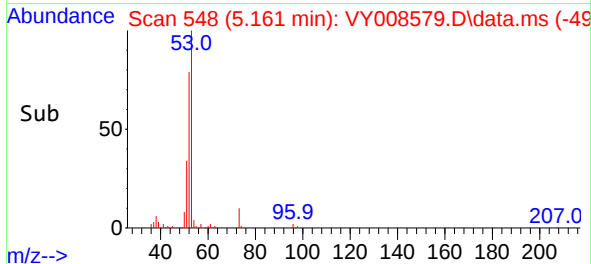
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



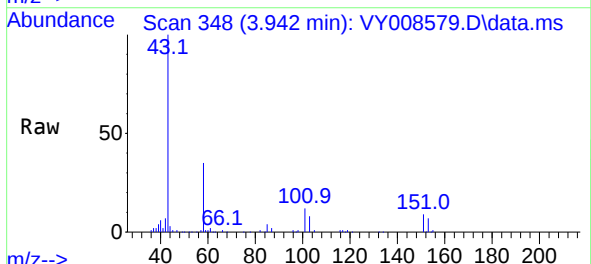
Tgt Ion: 53 Resp: 116744
Ion Ratio Lower Upper
53 100
52 81.1 67.0 100.4
51 35.1 29.8 44.6

Manual Integrations
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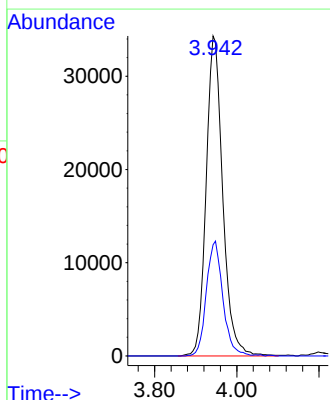
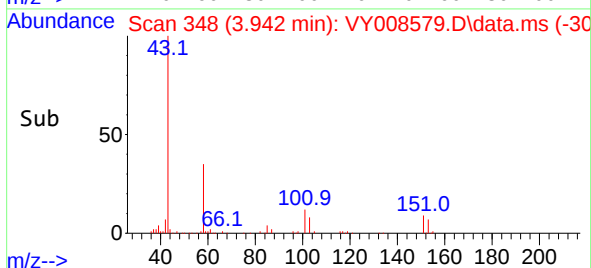
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

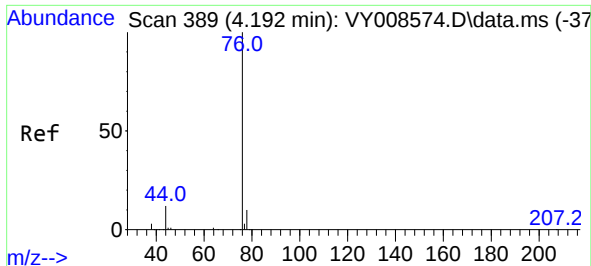


#16
Acetone
Concen: 278.378 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



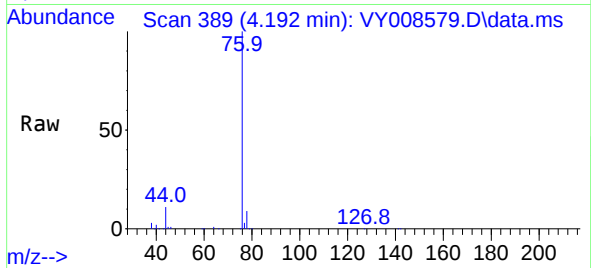
Tgt Ion: 43 Resp: 96091
Ion Ratio Lower Upper
43 100
58 34.8 22.0 33.0#





#17
Carbon Disulfide
Concen: 49.631 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

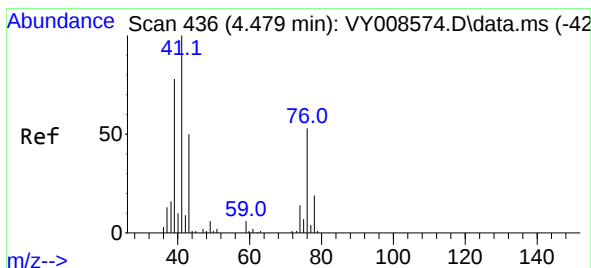
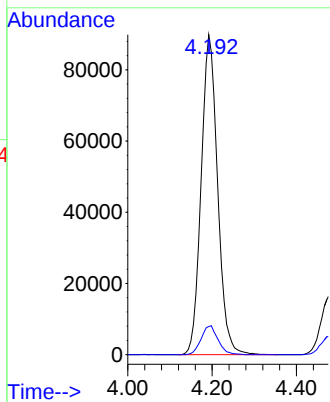
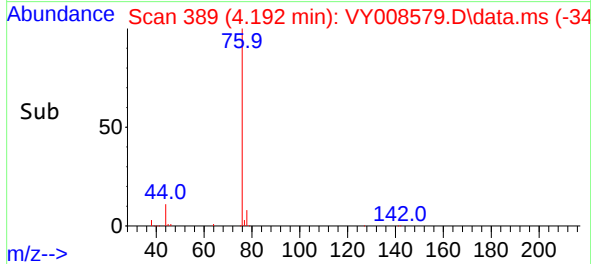
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



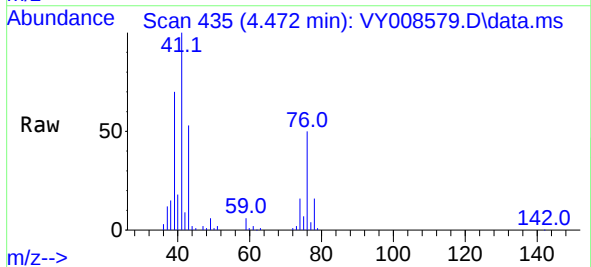
Tgt Ion: 76 Resp: 244094
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

Manual Integrations
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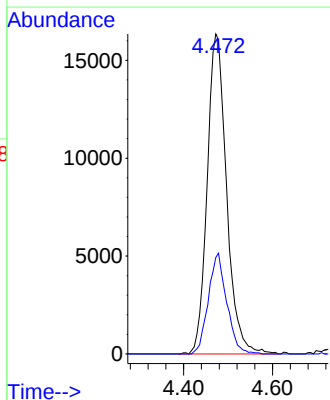
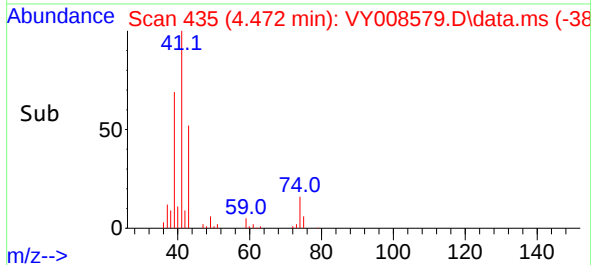
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

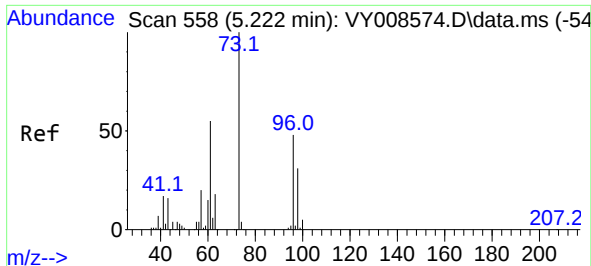


#18
Methyl Acetate
Concen: 50.417 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



Tgt Ion: 43 Resp: 49588
Ion Ratio Lower Upper
43 100
74 29.9 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 47.754 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY008579.D

Acq: 03 May 2022 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 227770

Ion Ratio Lower Upper

73 100

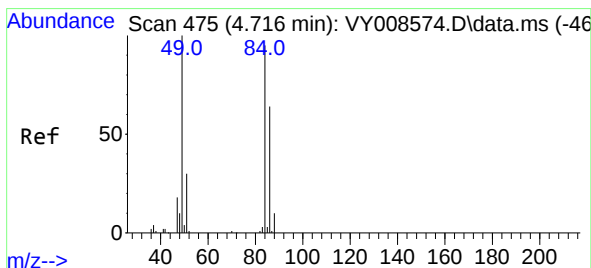
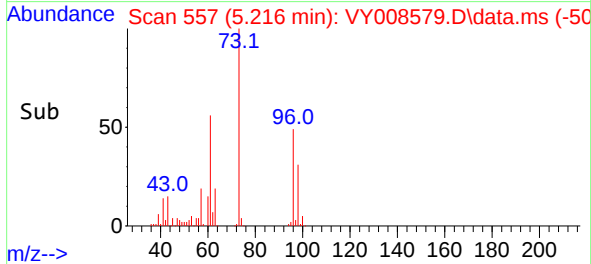
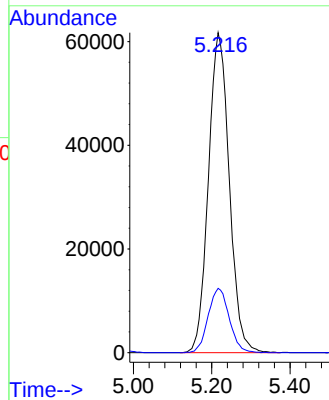
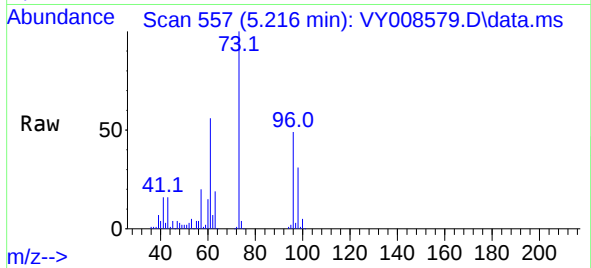
57 20.1 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#20

Methylene Chloride

Concen: 43.993 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY008579.D

Acq: 03 May 2022 09:44

Tgt Ion: 84 Resp: 91750

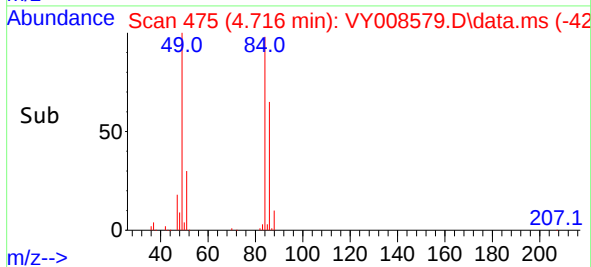
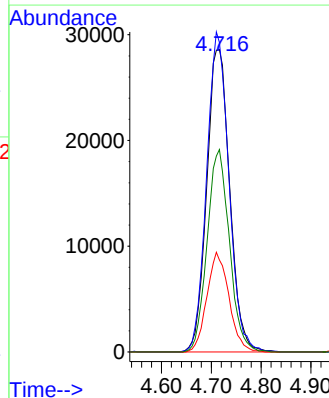
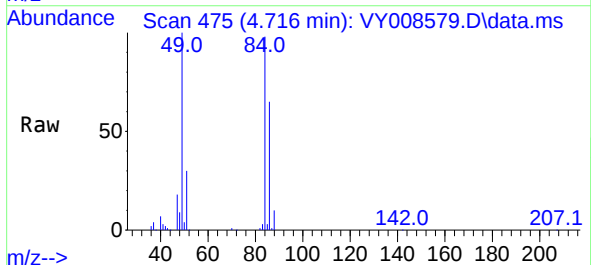
Ion Ratio Lower Upper

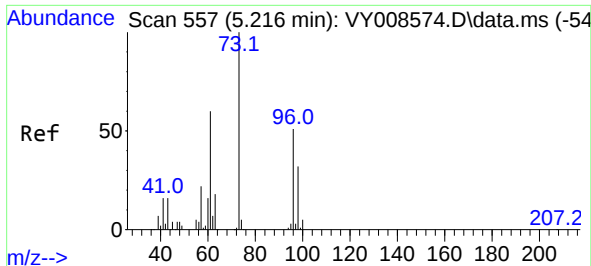
84 100

49 102.4 114.4 171.6#

51 30.4 35.3 52.9#

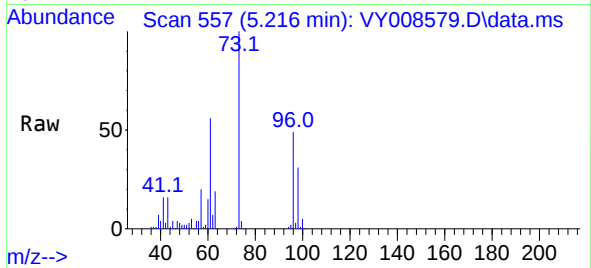
86 66.9 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 48.133 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

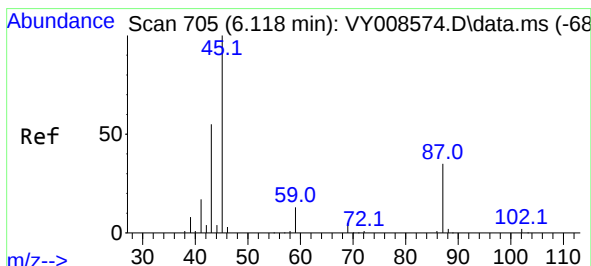
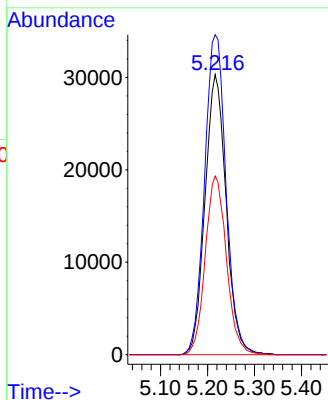
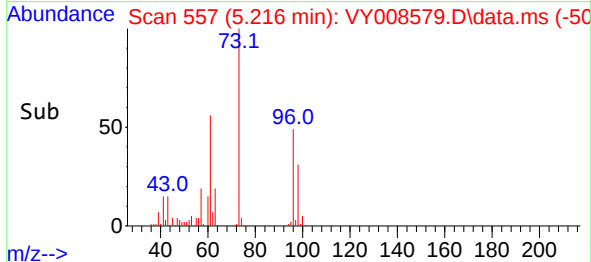
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



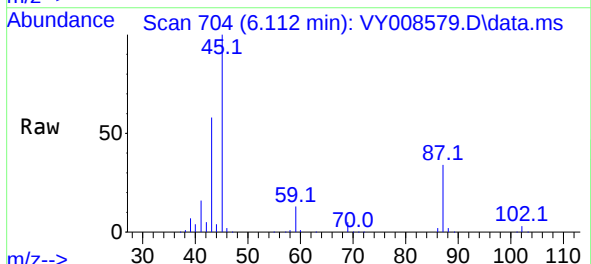
Tgt Ion: 96 Resp: 94579
Ion Ratio Lower Upper
96 100
61 114.2 120.5 180.7
98 63.8 49.8 74.8

Manual Integrations
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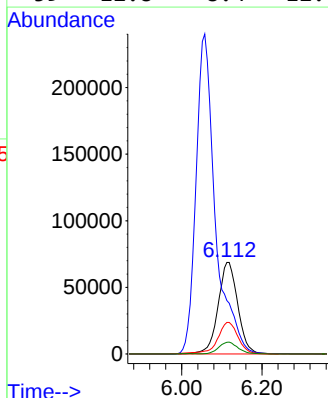
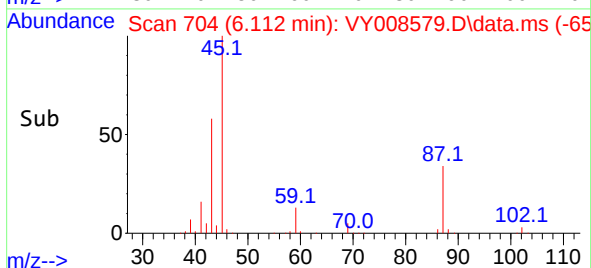
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

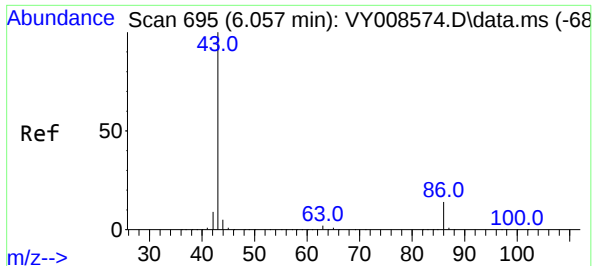


#22
Diisopropyl ether
Concen: 48.979 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



Tgt Ion: 45 Resp: 234150
Ion Ratio Lower Upper
45 100
43 58.0 49.3 73.9
87 34.5 19.2 28.8#
59 12.8 8.4 12.6#





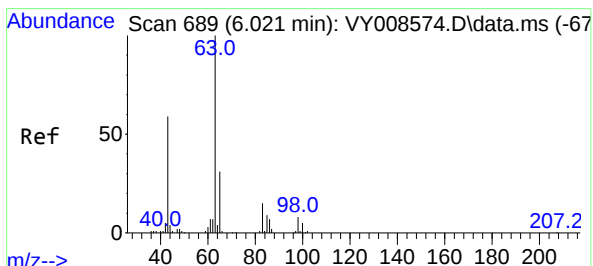
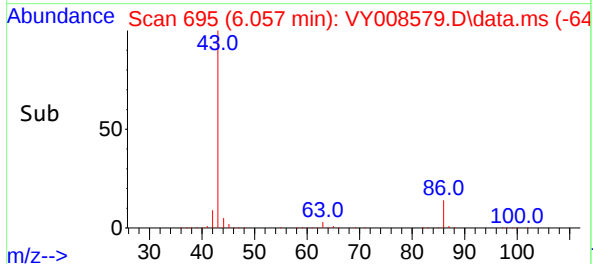
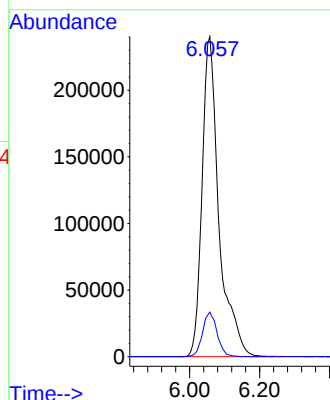
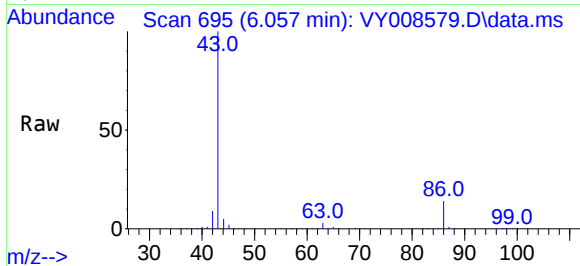
#23
 Vinyl Acetate
 Concen: 257.219 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY008579.D
 Acq: 03 May 2022 09:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 80302
 Ion Ratio Lower Upper
 43 100
 86 14.0 7.1 10.7

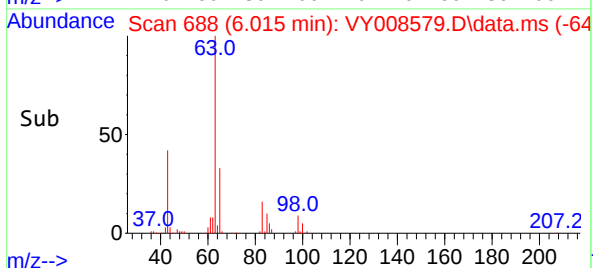
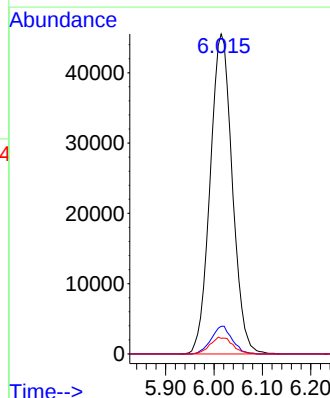
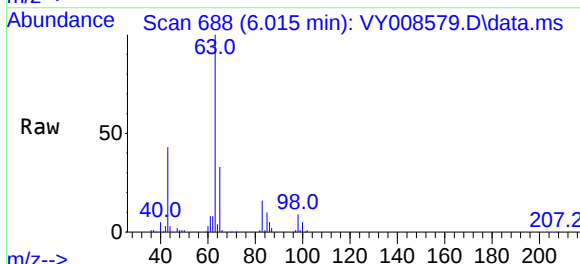
Manual Integrations
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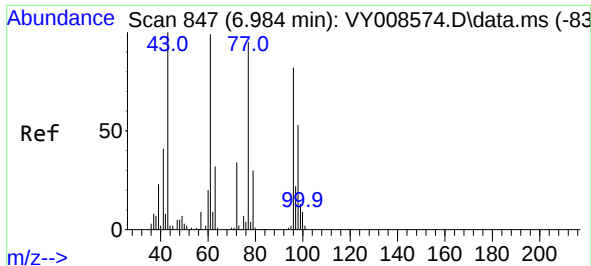
Reviewed By :John Carlone 05/04/2022
 Supervised By :Mahesh Dadoda 05/04/2022



#24
 1,1-Dichloroethane
 Concen: 48.014 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008579.D
 Acq: 03 May 2022 09:44

Tgt Ion: 63 Resp: 144690
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.6 10.8
 100 4.9 2.0 5.8





#25

2-Butanone

Concen: 266.144 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY008579.D

Acq: 03 May 2022 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 14746

Ion Ratio Lower Upper

43 100

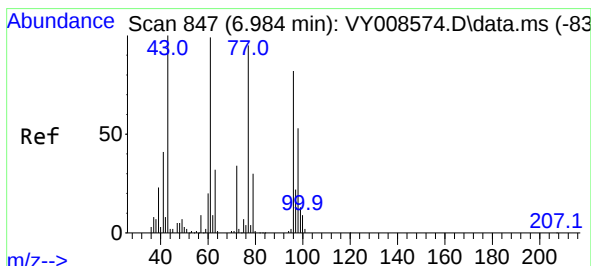
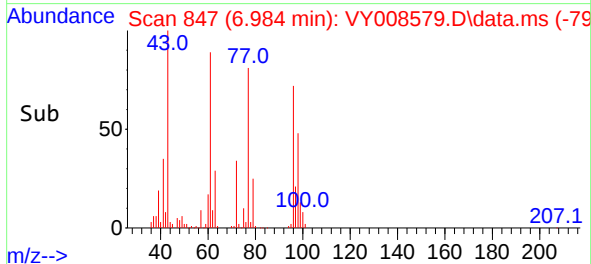
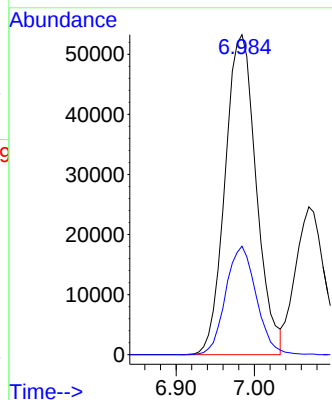
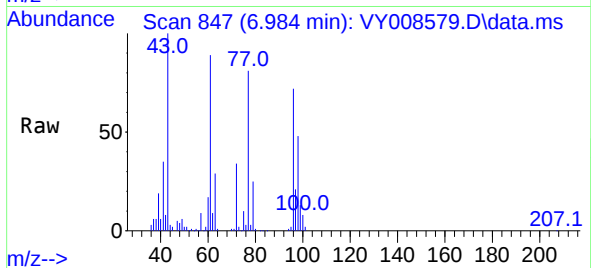
72 33.9 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#26

2,2-Dichloropropane

Concen: 47.171 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY008579.D

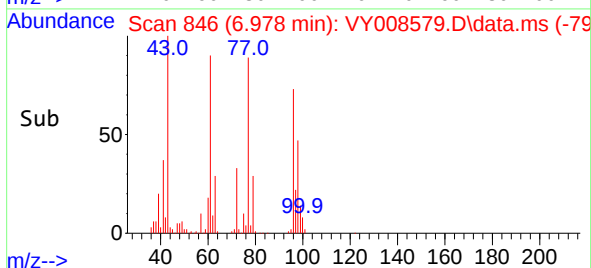
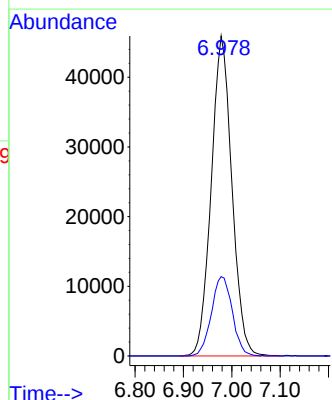
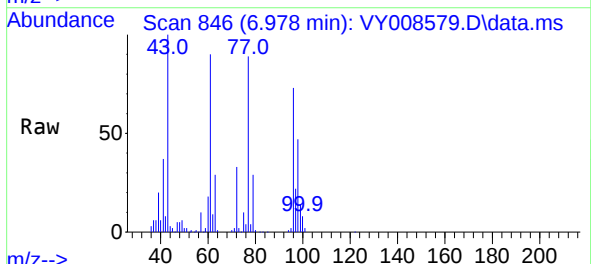
Acq: 03 May 2022 09:44

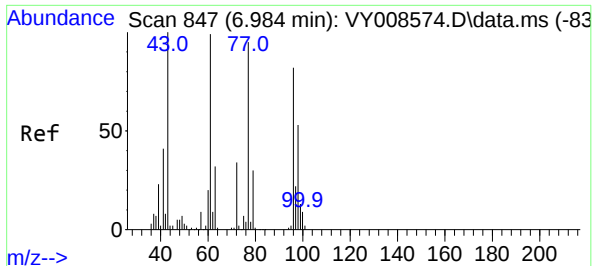
Tgt Ion: 77 Resp: 136146

Ion Ratio Lower Upper

77 100

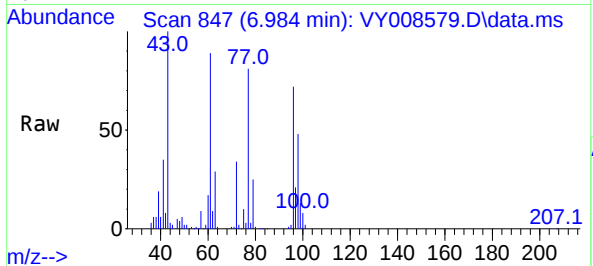
97 25.0 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 47.322 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

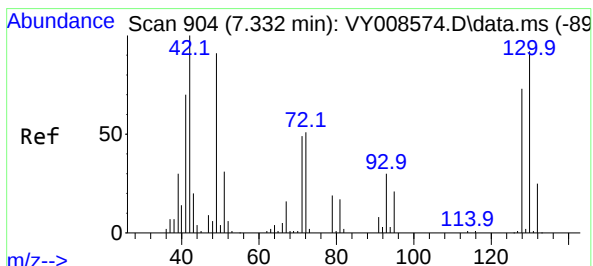
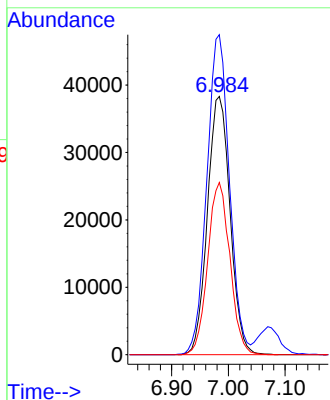
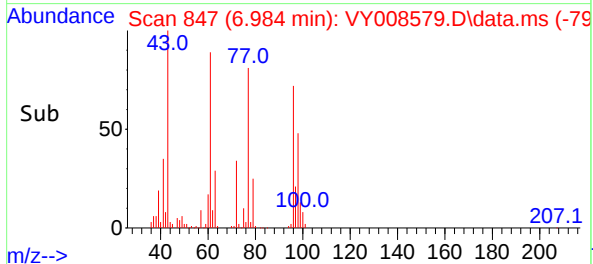
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



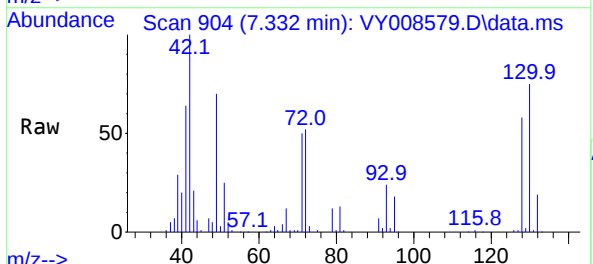
Tgt Ion: 96 Resp: 10641
Ion Ratio Lower Upper
96 100
61 123.5 0.0 319.8
98 65.3 0.0 127.0

Manual Integrations
APPROVED

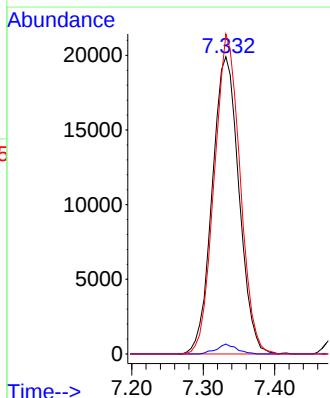
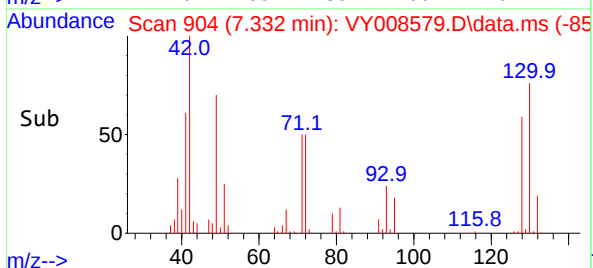
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

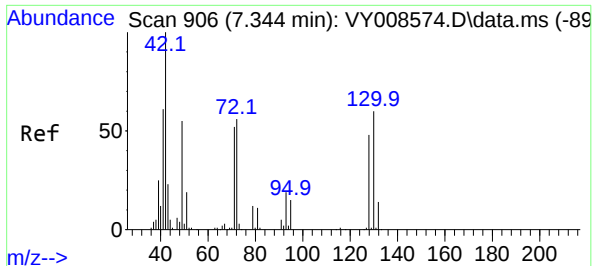


#28
Bromochloromethane
Concen: 44.951 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



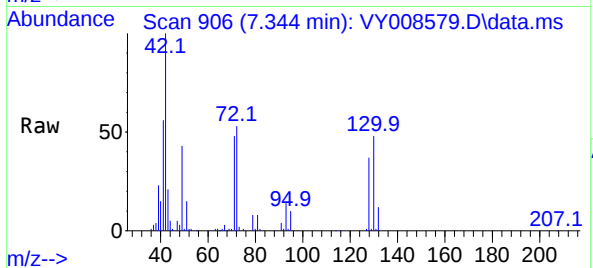
Tgt Ion: 49 Resp: 51794
Ion Ratio Lower Upper
49 100
129 2.5 0.0 2.2#
130 103.4 55.4 83.0#





#29
Tetrahydrofuran
Concen: 262.703 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

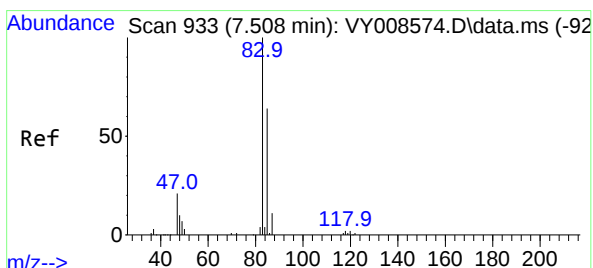
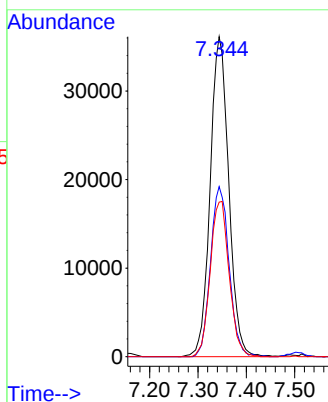
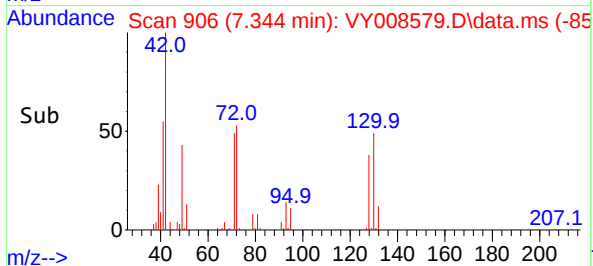
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



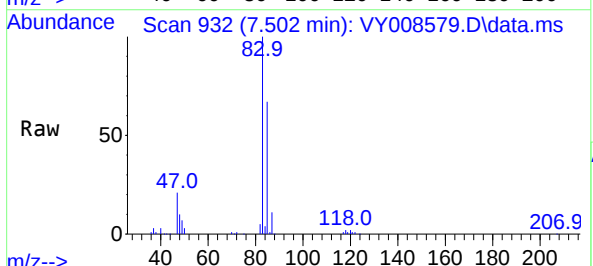
Tgt Ion: 42 Resp: 96540
Ion Ratio Lower Upper
42 100
72 53.1 30.3 45.5
71 49.4 29.0 43.4

Manual Integrations
APPROVED

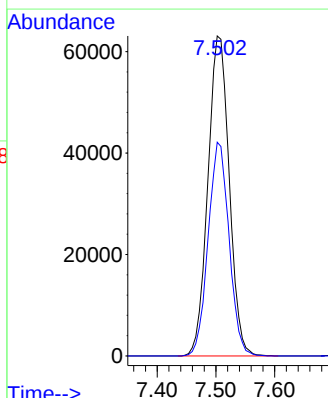
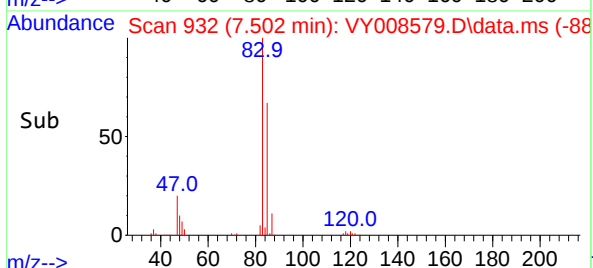
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

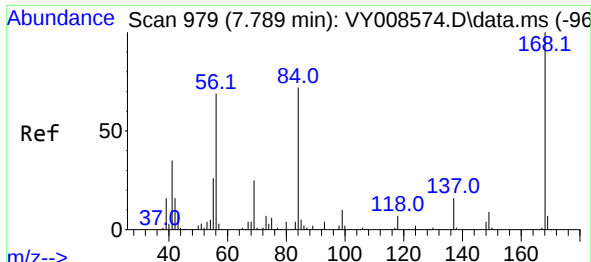


#30
Chloroform
Concen: 47.096 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



Tgt Ion: 83 Resp: 159017
Ion Ratio Lower Upper
83 100
85 66.8 51.8 77.6





#31

Cyclohexane

Concen: 47.585 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY008579.D

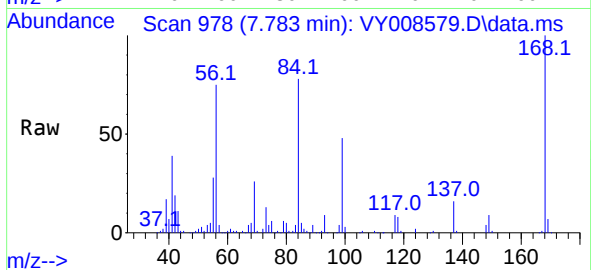
Acq: 03 May 2022 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 13158

Ion Ratio Lower Upper

56 100

69 34.9 26.7 40.1

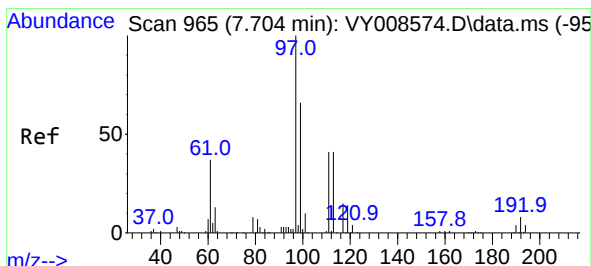
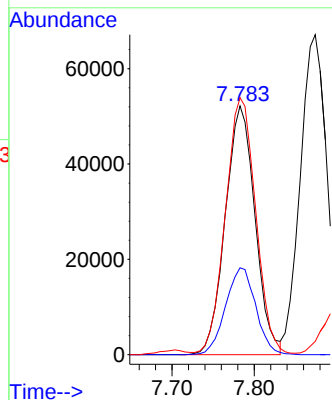
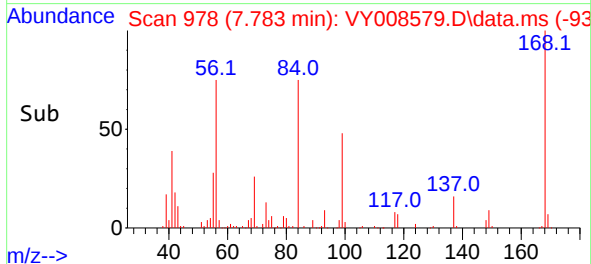
84 101.7 67.2 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#32

1,1,1-Trichloroethane

Concen: 46.436 ug/l

RT: 7.697 min Scan# 964

Delta R.T. -0.006 min

Lab File: VY008579.D

Acq: 03 May 2022 09:44

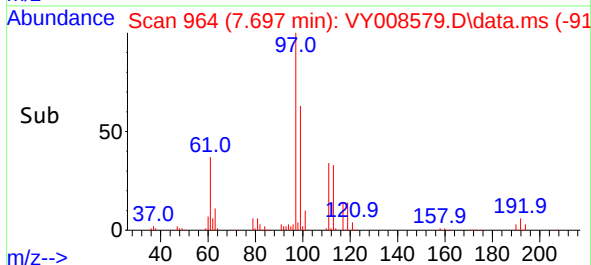
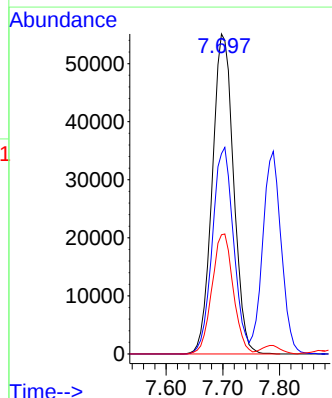
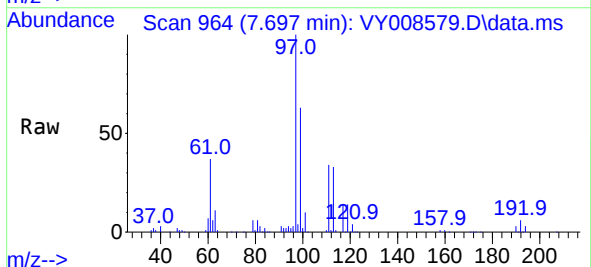
Tgt Ion: 97 Resp: 143819

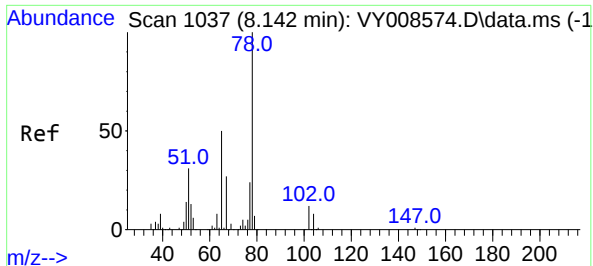
Ion Ratio Lower Upper

97 100

99 64.4 50.7 76.1

61 37.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 51.100 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008579.D

Acq: 03 May 2022 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 81864

Ion Ratio Lower Upper

65 100

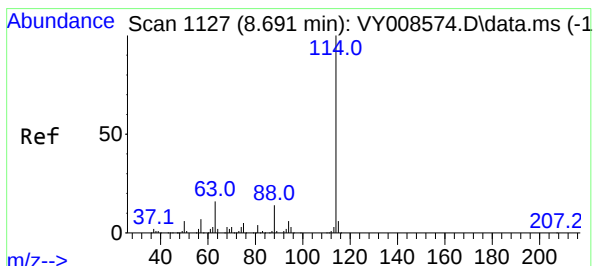
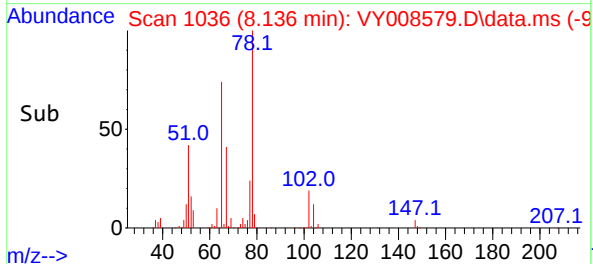
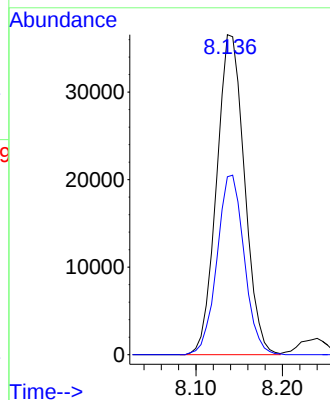
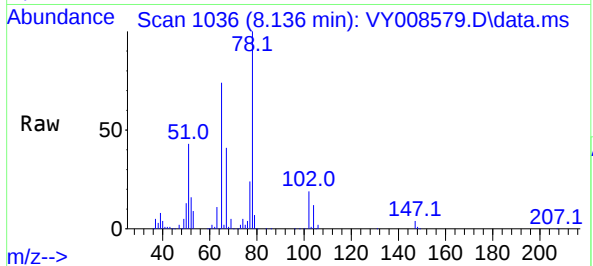
67 54.8 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY008579.D

Acq: 03 May 2022 09:44

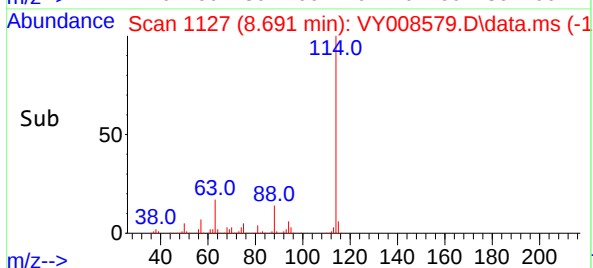
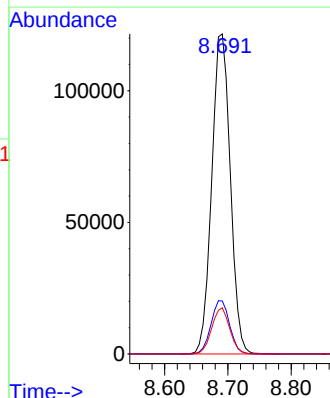
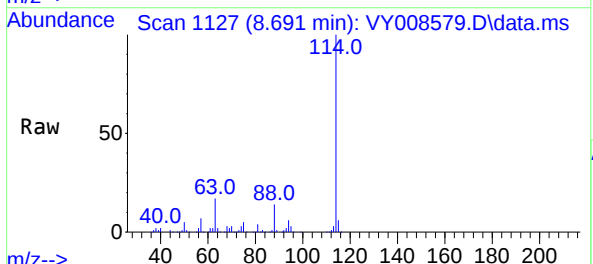
Tgt Ion:114 Resp: 247027

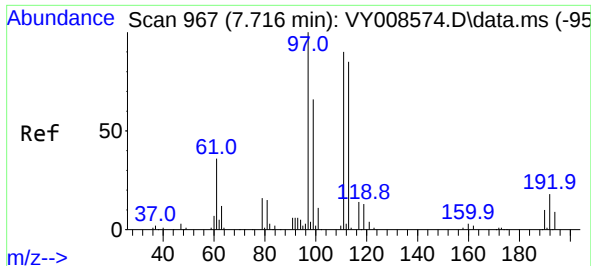
Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

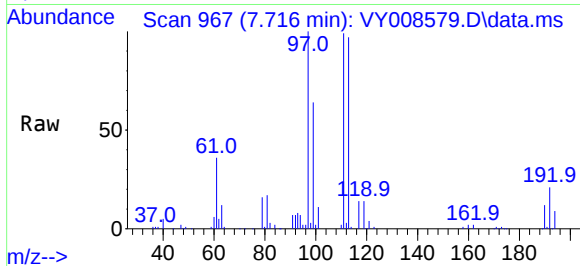
88 14.4 0.0 31.8





#35
Dibromofluoromethane
Concen: 52.547 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

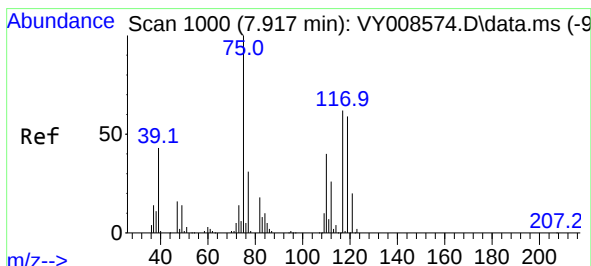
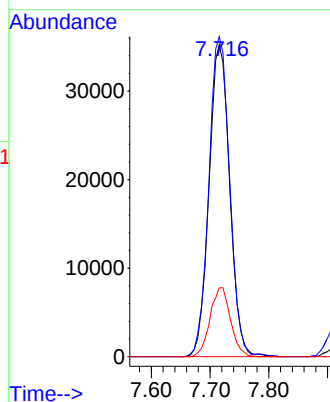
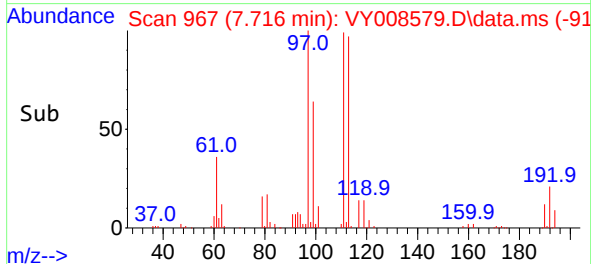
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



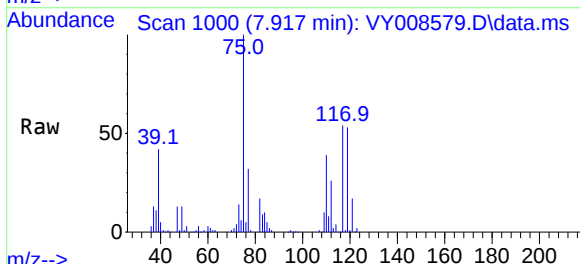
Tgt Ion:113 Resp: 85892
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 22.0 17.6 26.4

Manual Integrations
APPROVED

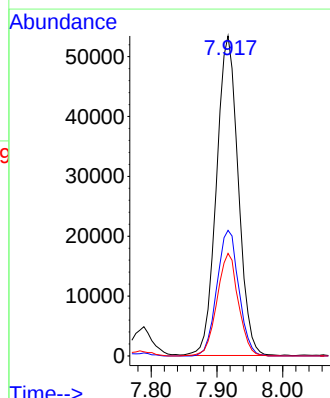
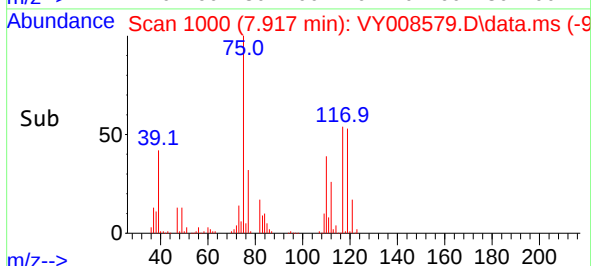
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

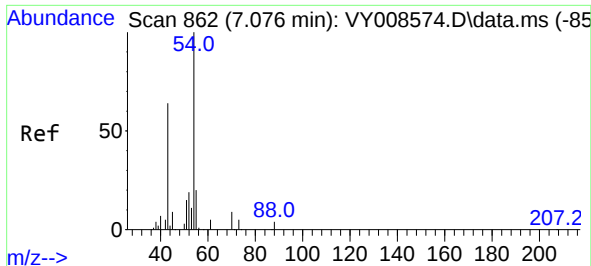


#36
1,1-Dichloropropene
Concen: 48.326 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



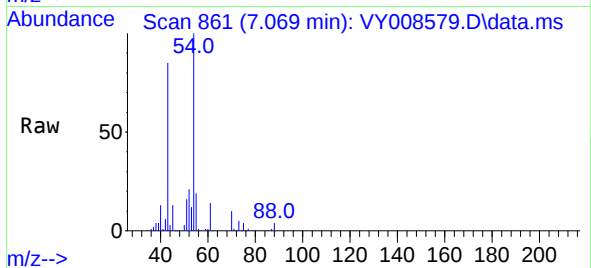
Tgt Ion: 75 Resp: 122834
Ion Ratio Lower Upper
75 100
110 39.5 17.1 51.2
77 31.5 24.4 36.6





#37
Ethyl Acetate
Concen: 50.066 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

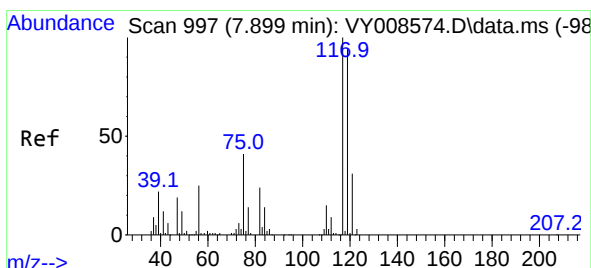
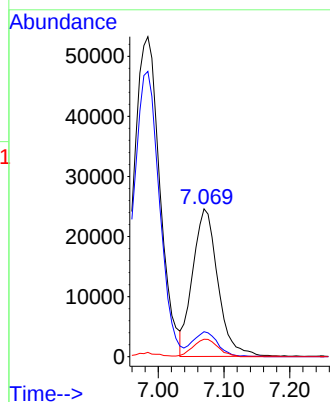
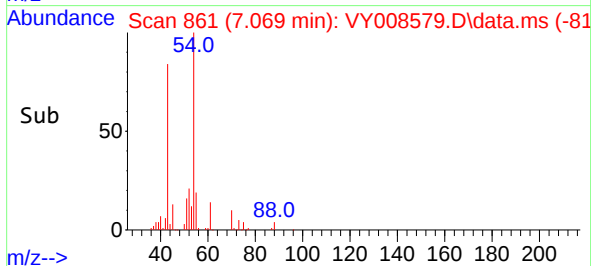
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 6526
Ion Ratio Lower Upper
43 100
61 16.8 9.7 14.5
70 11.9 7.1 10.7

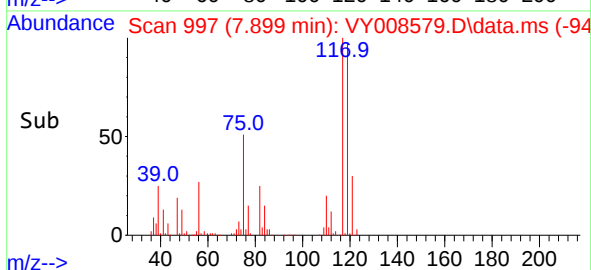
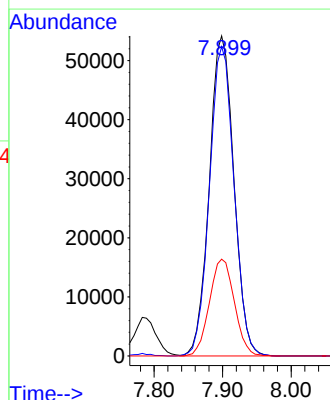
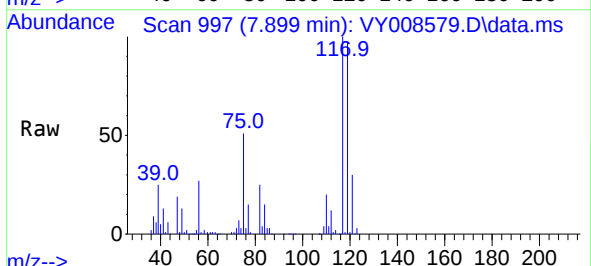
Manual Integrations
APPROVED

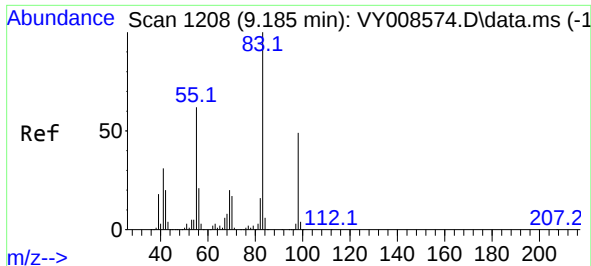
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#38
Carbon Tetrachloride
Concen: 46.447 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

Tgt Ion:117 Resp: 134686
Ion Ratio Lower Upper
117 100
119 96.6 77.9 116.9
121 30.3 24.8 37.2





#39

Methylcyclohexane

Concen: 47.866 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008579.D

Acq: 03 May 2022 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 16049

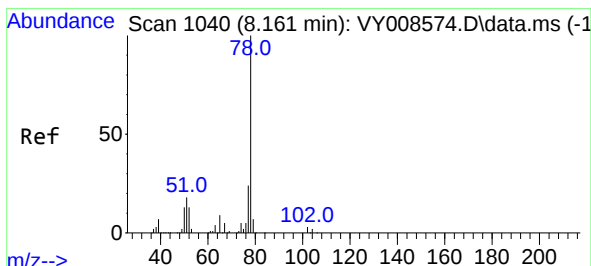
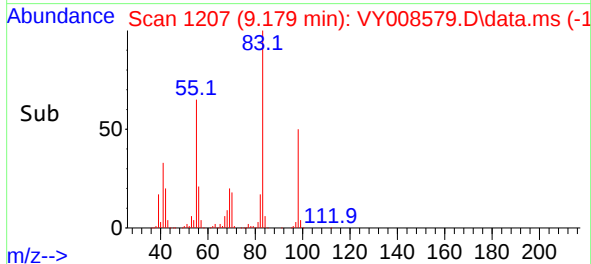
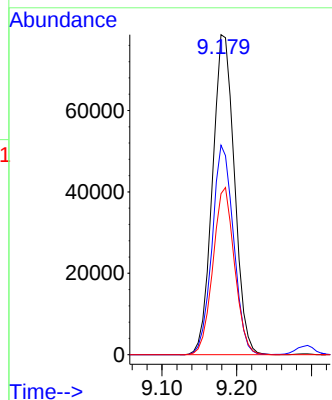
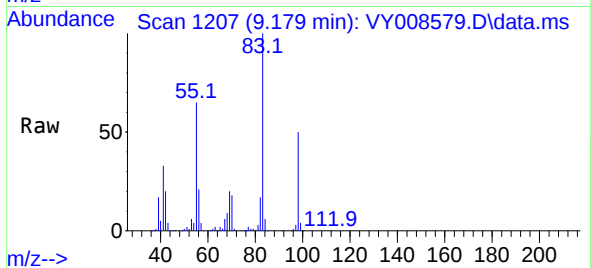
Ion	Ratio	Lower	Upper
83	100		
55	65.5	66.5	99.7
98	50.3	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#40

Benzene

Concen: 48.998 ug/l

RT: 8.161 min Scan# 1040

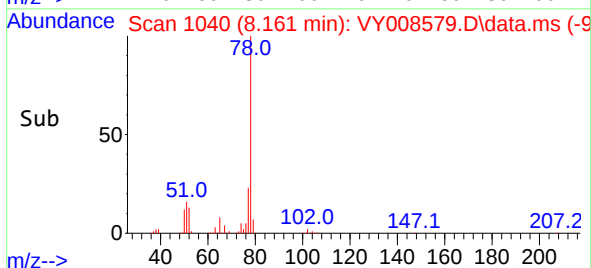
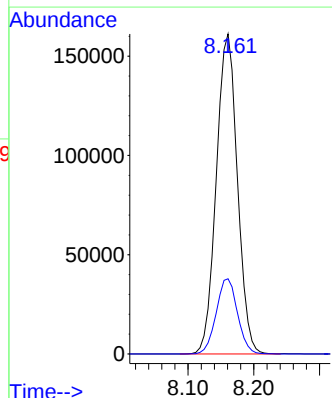
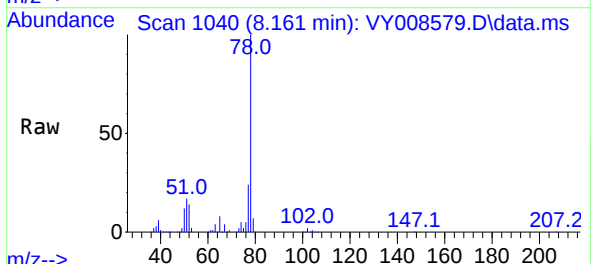
Delta R.T. -0.000 min

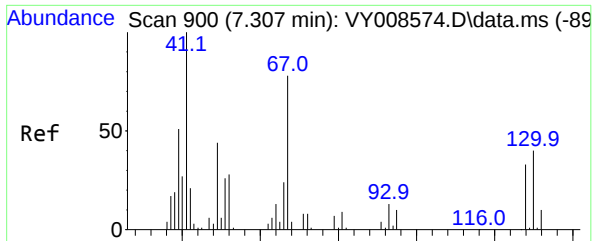
Lab File: VY008579.D

Acq: 03 May 2022 09:44

Tgt Ion: 78 Resp: 359730

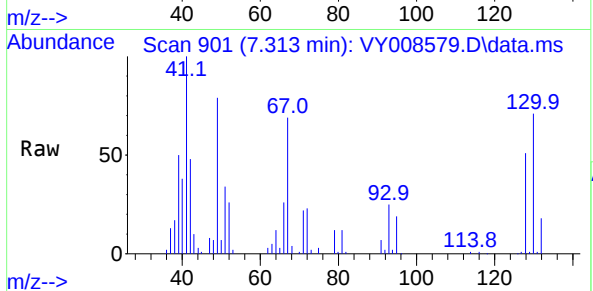
Ion	Ratio	Lower	Upper
78	100		
77	23.5	20.4	30.6





#41
Methacrylonitrile
Concen: 51.371 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

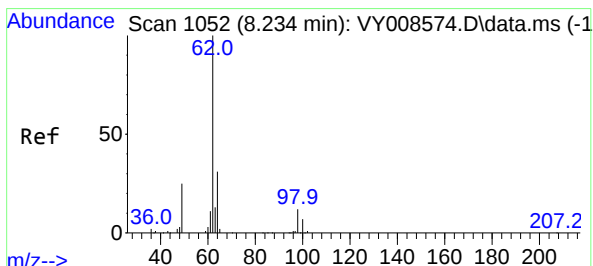
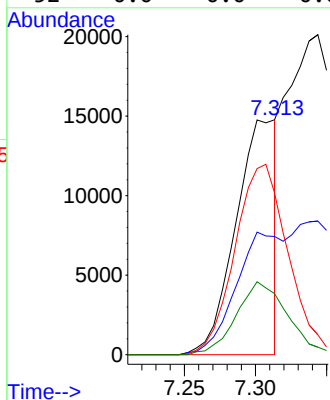
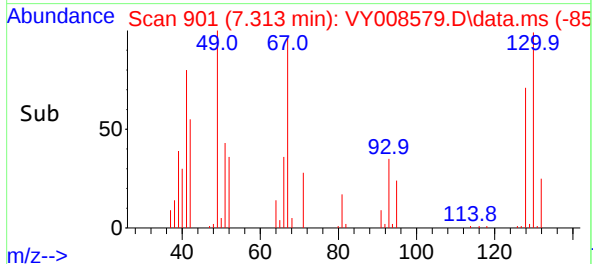
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 2937
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

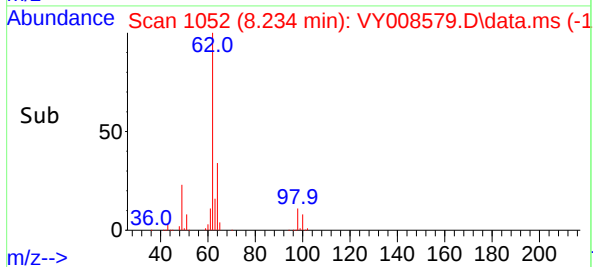
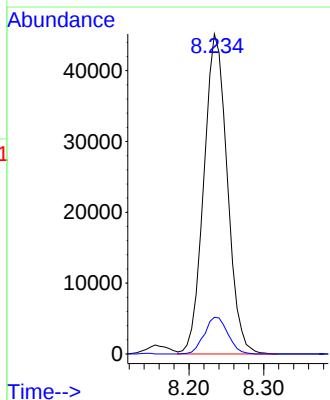
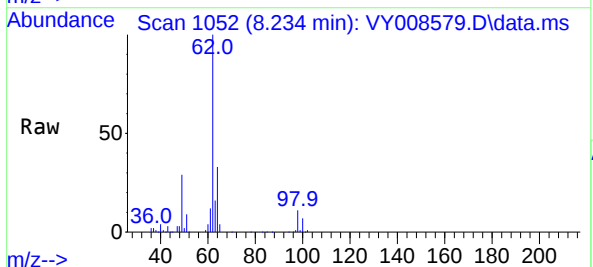
Manual Integrations
APPROVED

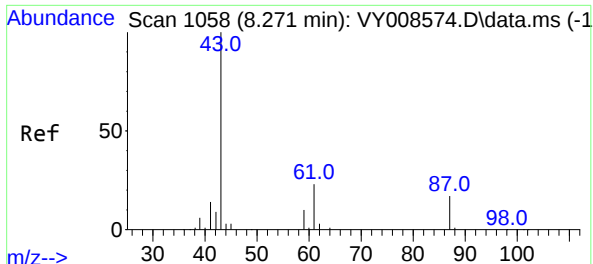
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#42
1,2-Dichloroethane
Concen: 46.432 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

Tgt Ion: 62 Resp: 98669
Ion Ratio Lower Upper
62 100
98 11.5 0.0 14.8





#43

Isopropyl Acetate

Concen: 50.113 ug/l

RT: 8.270 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY008579.D

Acq: 03 May 2022 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 11885

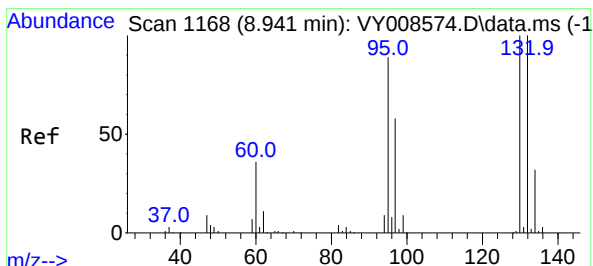
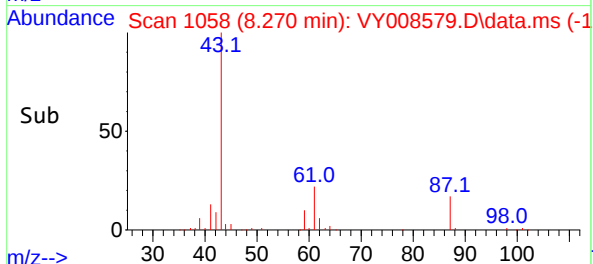
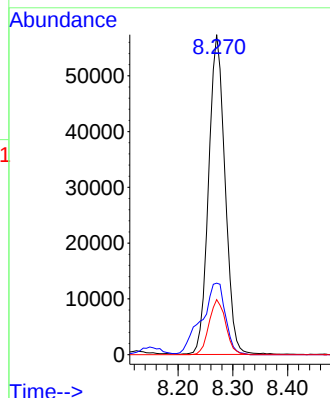
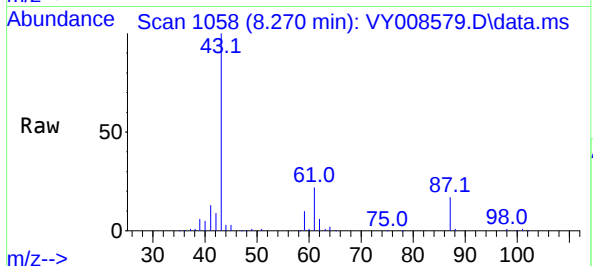
Ion	Ratio	Lower	Upper
43	100		
61	32.7	20.2	30.2
87	17.5	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#44

Trichloroethene

Concen: 46.711 ug/l

RT: 8.941 min Scan# 1168

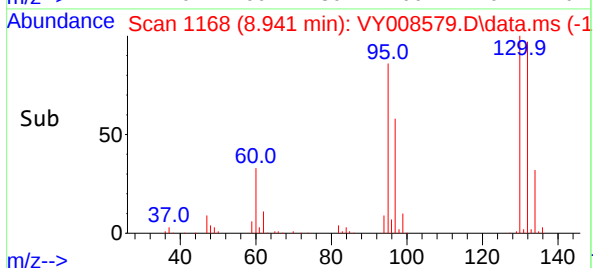
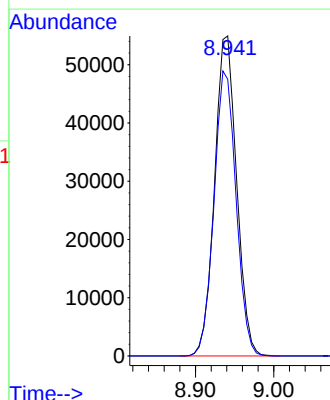
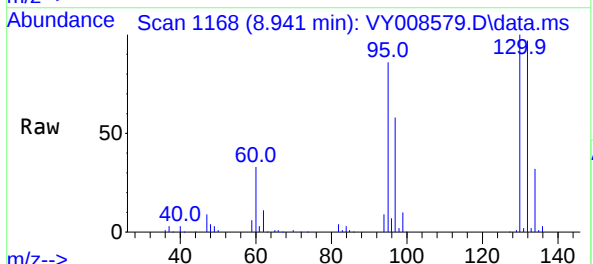
Delta R.T. -0.000 min

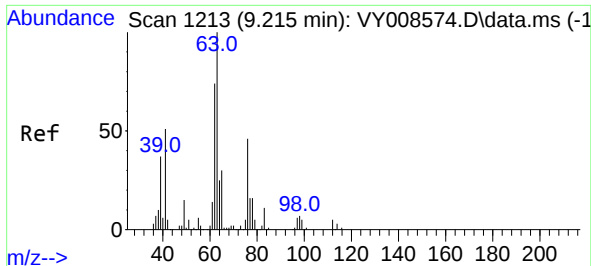
Lab File: VY008579.D

Acq: 03 May 2022 09:44

Tgt Ion:130 Resp: 107574

Ion	Ratio	Lower	Upper
130	100		
95	86.5	0.0	188.2





#45

1,2-Dichloropropane

Concen: 49.490 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY008579.D

Acq: 03 May 2022 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8476

Ion Ratio Lower Upper

63 100

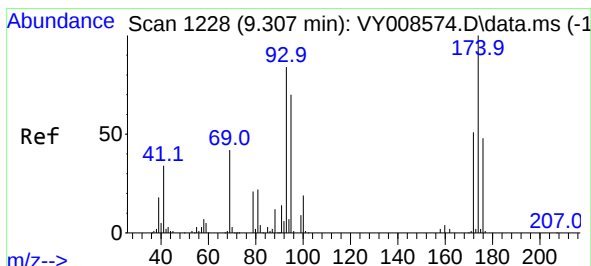
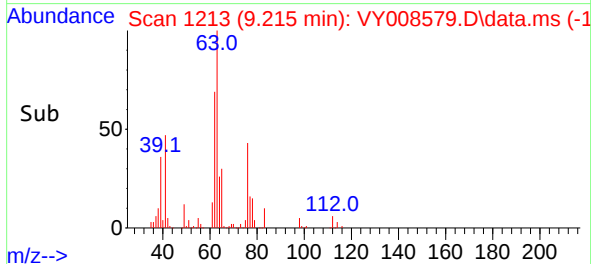
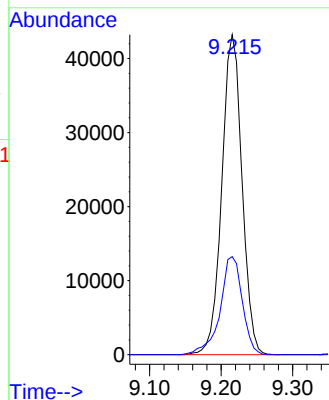
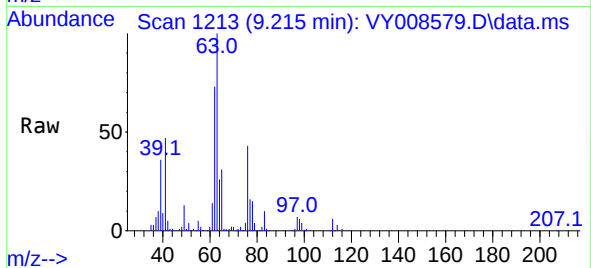
65 30.7 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#46

Dibromomethane

Concen: 48.043 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY008579.D

Acq: 03 May 2022 09:44

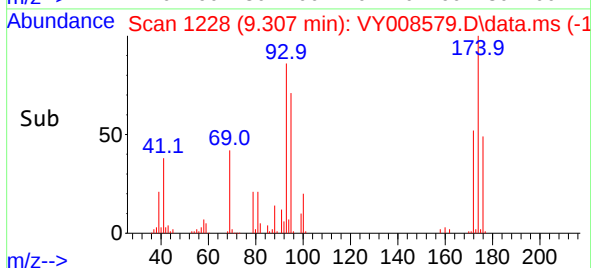
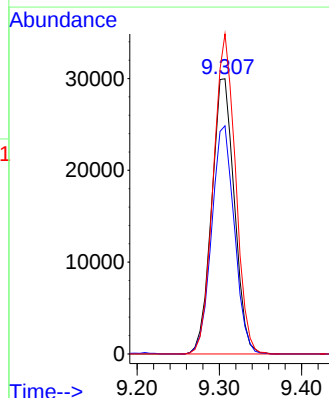
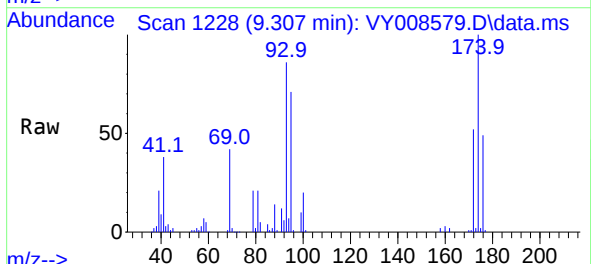
Tgt Ion: 93 Resp: 57443

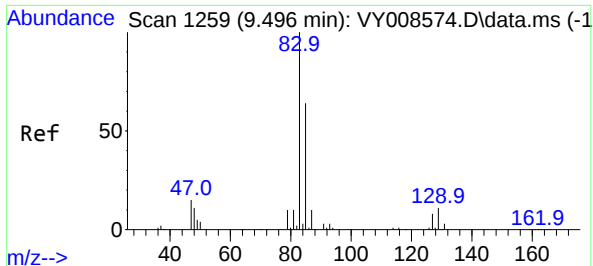
Ion Ratio Lower Upper

93 100

95 82.8 64.3 96.5

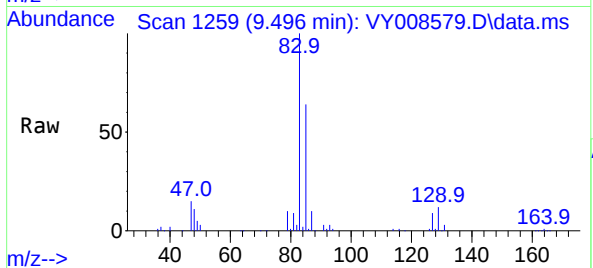
174 113.2 83.4 125.0





#47
Bromodichloromethane
Concen: 48.176 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

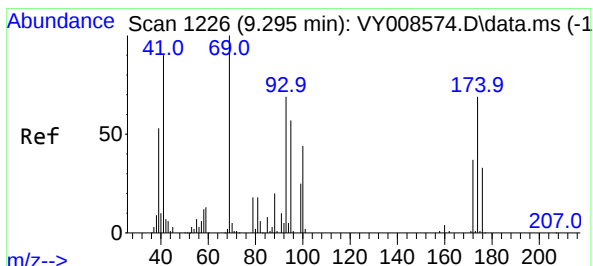
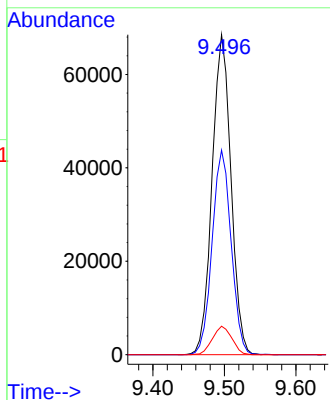
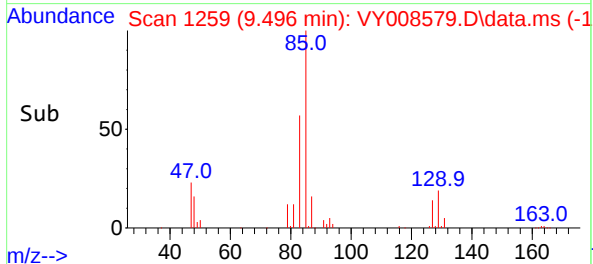
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



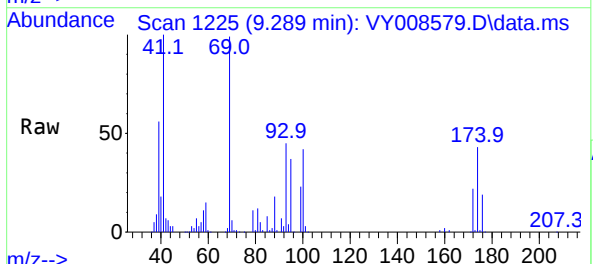
Tgt Ion: 83 Resp: 125509
Ion Ratio Lower Upper
83 100
85 63.9 51.9 77.9
127 8.9 6.6 10.0

Manual Integrations
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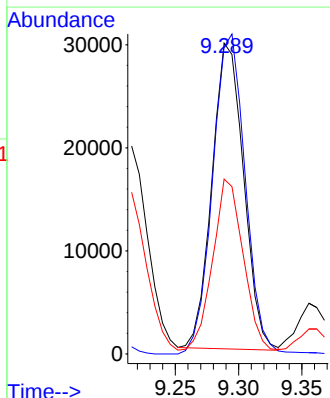
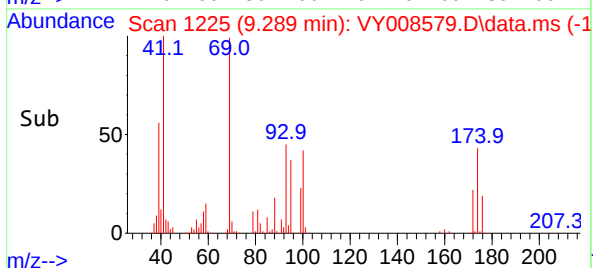
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

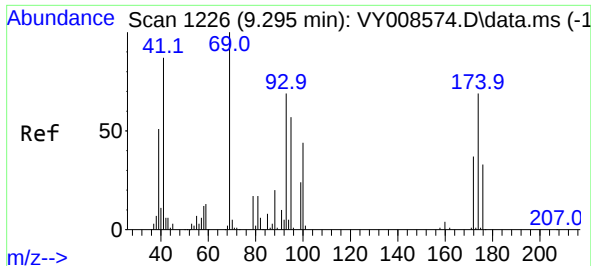


#48
Methyl methacrylate
Concen: 49.562 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



Tgt Ion: 41 Resp: 51668
Ion Ratio Lower Upper
41 100
69 107.6 58.2 87.2#
39 56.9 47.4 71.0





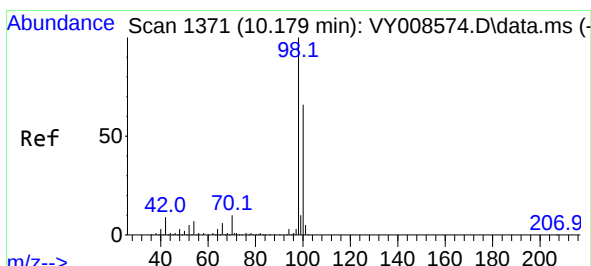
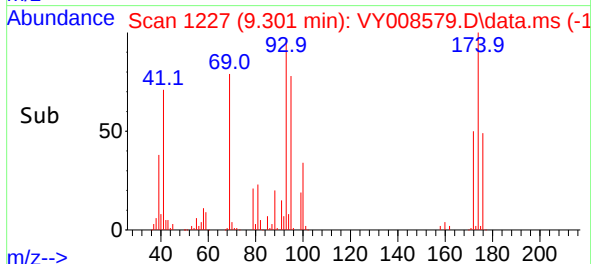
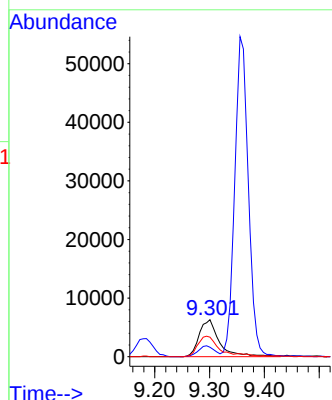
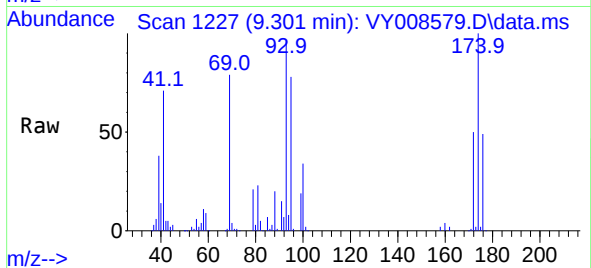
#49
1,4-Dioxane
Concen: 1071.355 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 1624
Ion Ratio Lower Upper
88 100
43 23.5 32.8 49.2
58 54.6 59.8 89.6

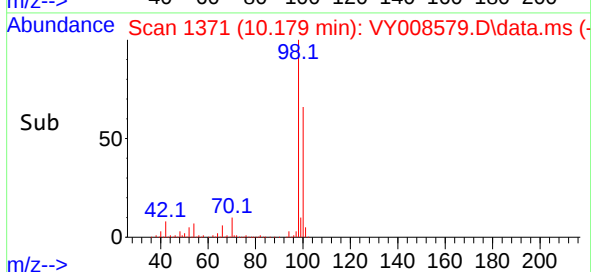
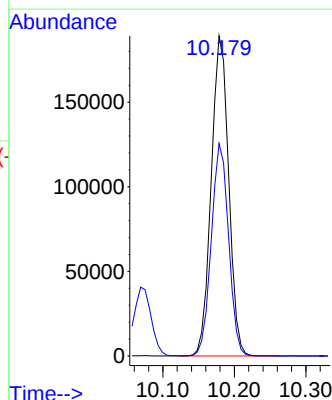
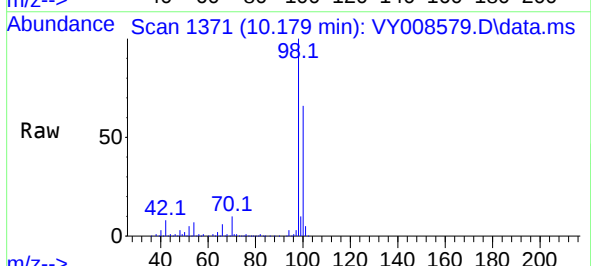
Manual Integrations
APPROVED

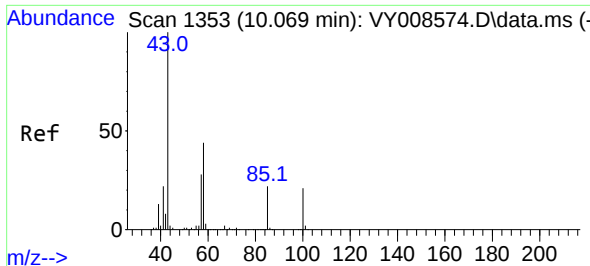
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#50
Toluene-d8
Concen: 55.209 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

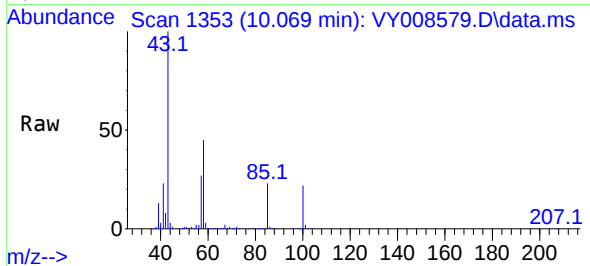
Tgt Ion: 98 Resp: 319714
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 258.277 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

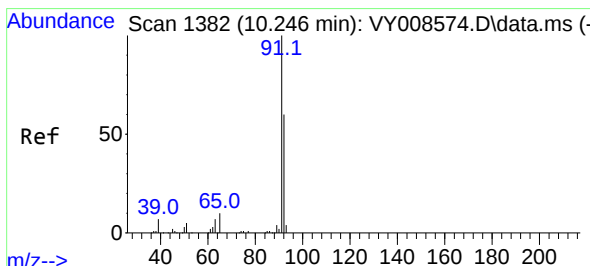
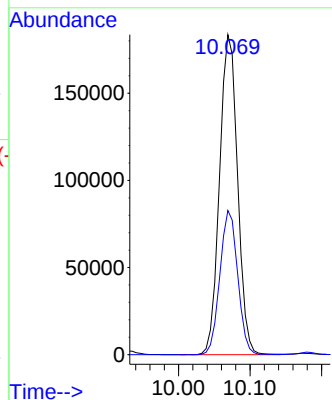
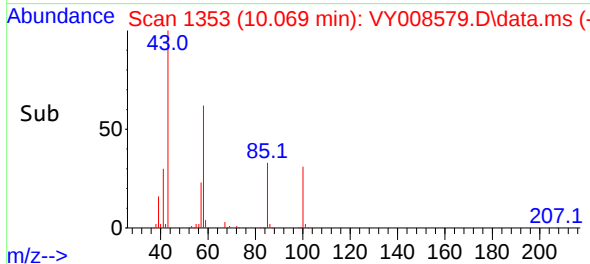
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



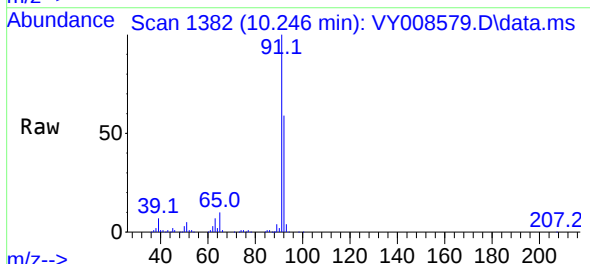
Tgt Ion: 43 Resp: 32151
Ion Ratio Lower Upper
43 100
58 44.5 28.1 42.1

Manual Integrations
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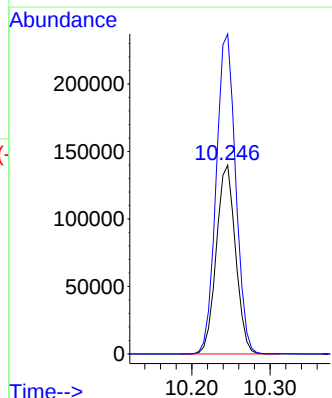
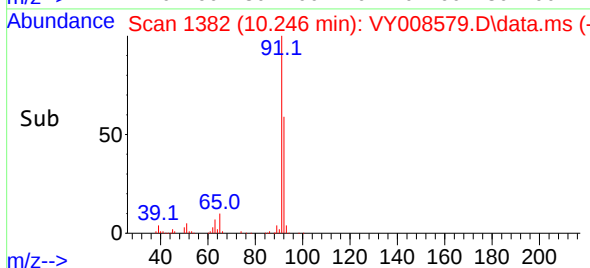
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

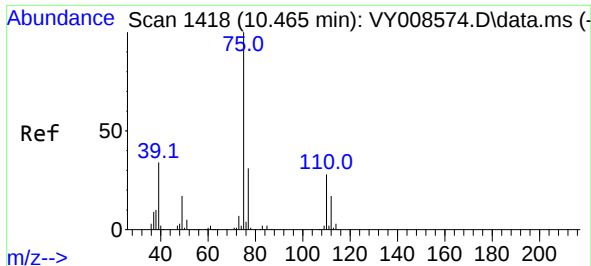


#52
Toluene
Concen: 48.615 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



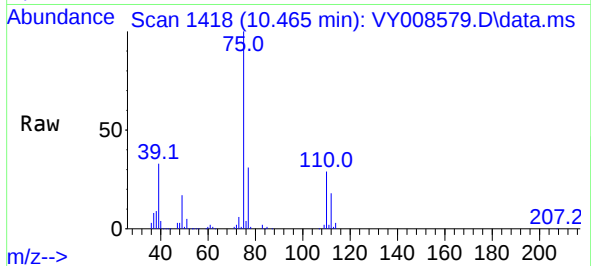
Tgt Ion: 92 Resp: 238565
Ion Ratio Lower Upper
92 100
91 171.5 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 49.021 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

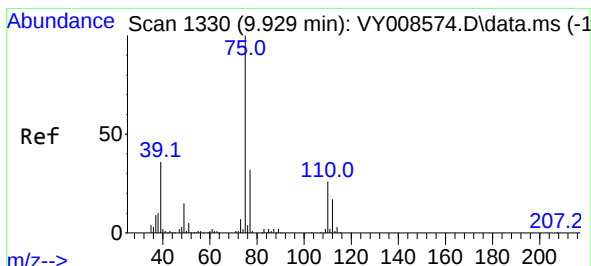
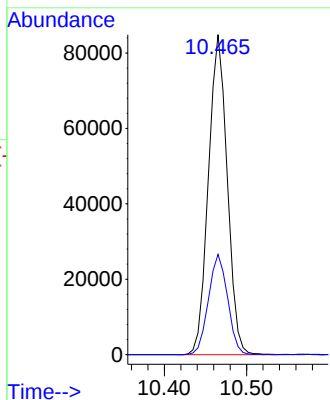
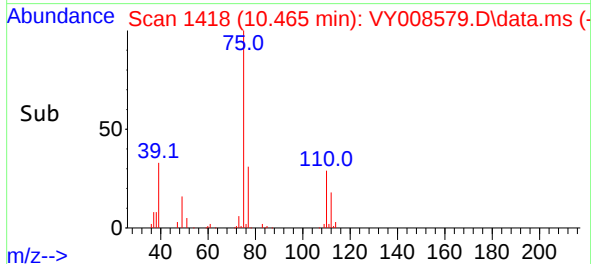
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



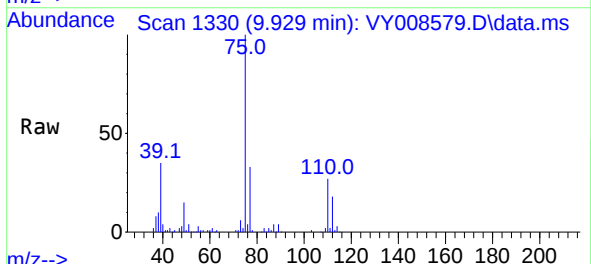
Tgt Ion: 75 Resp: 135012
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2

Manual Integrations
APPROVED

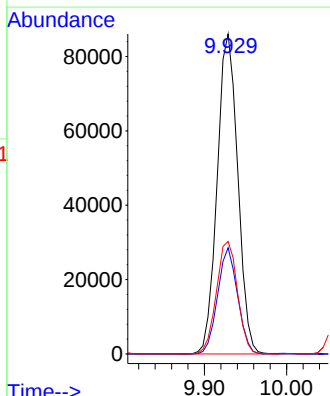
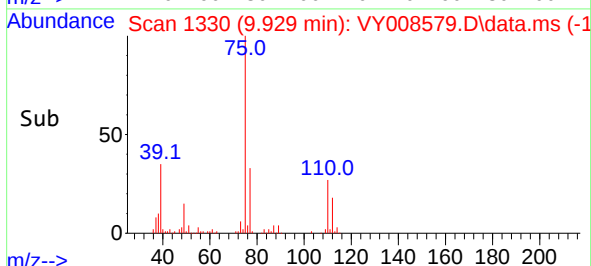
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

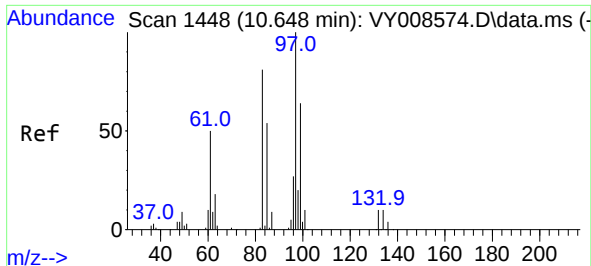


#54
cis-1,3-Dichloropropene
Concen: 48.991 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



Tgt Ion: 75 Resp: 149904
Ion Ratio Lower Upper
75 100
77 33.2 25.6 38.4
39 35.2 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 48.699 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VY008579.D

Acq: 03 May 2022 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

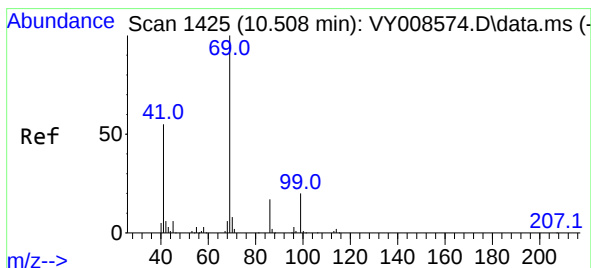
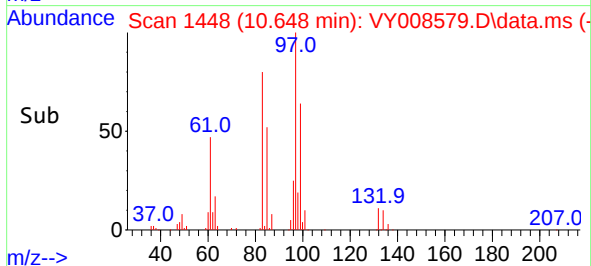
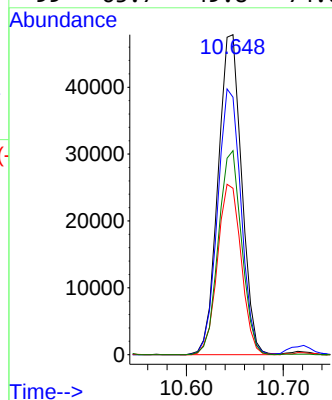
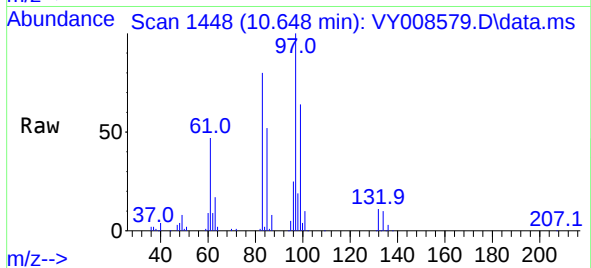
Tgt Ion:	97	Resp:	81139
Ion	Ratio	Lower	Upper
97	100		
83	80.5	69.8	104.8
85	52.0	44.3	66.5
99	63.7	49.8	74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#56

Ethyl methacrylate

Concen: 51.089 ug/l

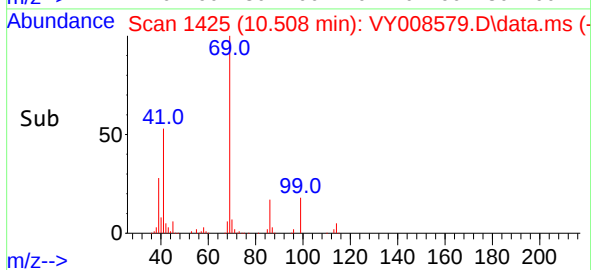
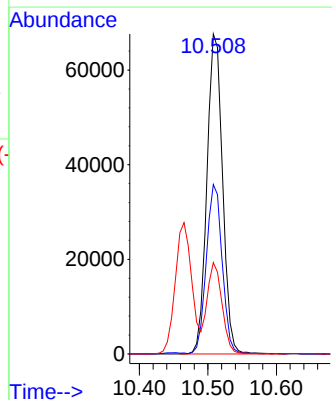
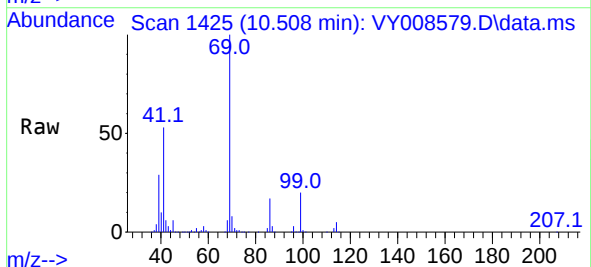
RT: 10.508 min Scan# 1425

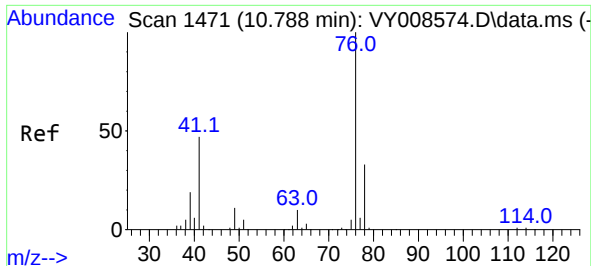
Delta R.T. -0.000 min

Lab File: VY008579.D

Acq: 03 May 2022 09:44

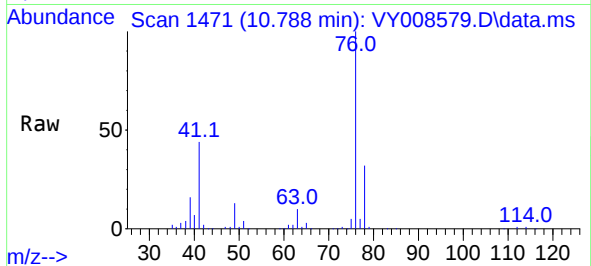
Tgt Ion:	69	Resp:	107528
Ion	Ratio	Lower	Upper
69	100		
41	53.4	63.4	95.0#
39	27.2	35.8	53.8#





#57
1,3-Dichloropropane
Concen: 49.513 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

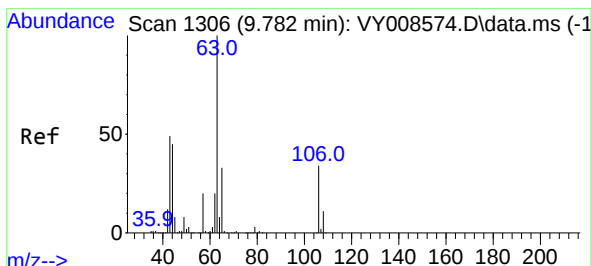
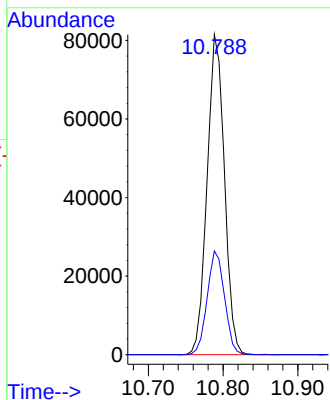
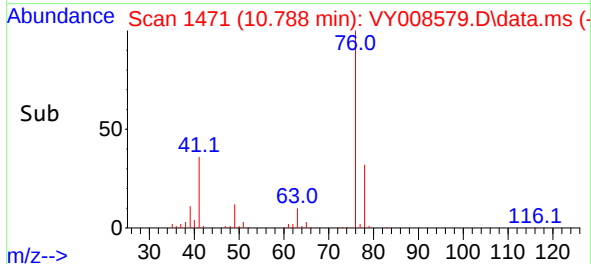
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 131690
Ion Ratio Lower Upper
76 100
78 32.4 25.0 37.6

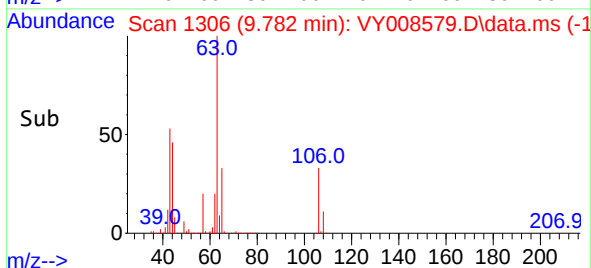
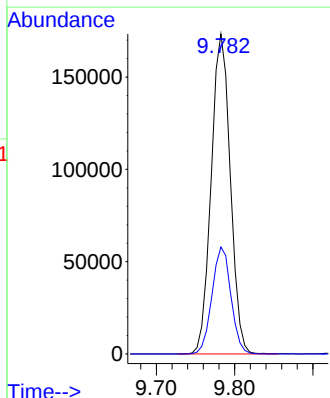
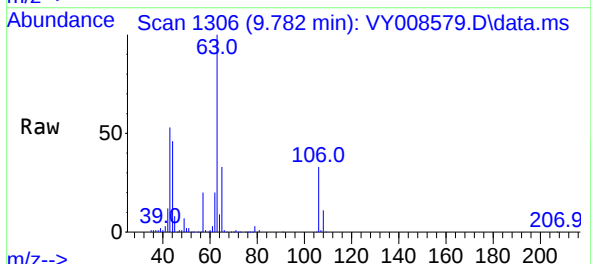
Manual Integrations
APPROVED

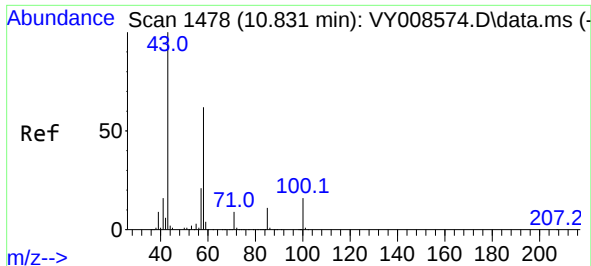
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#58
2-Chloroethyl Vinyl ether
Concen: 275.254 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

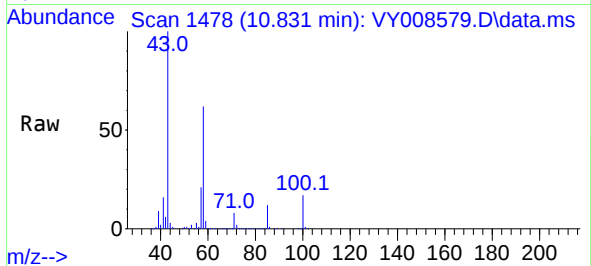
Tgt Ion: 63 Resp: 294042
Ion Ratio Lower Upper
63 100
106 33.1 21.5 32.3#





#59
2-Hexanone
Concen: 271.903 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

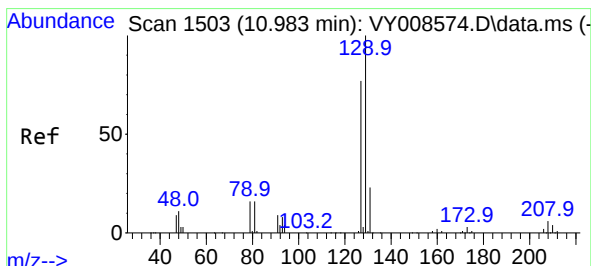
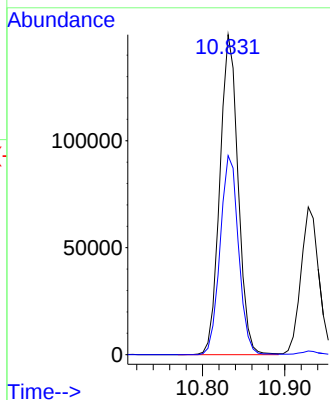
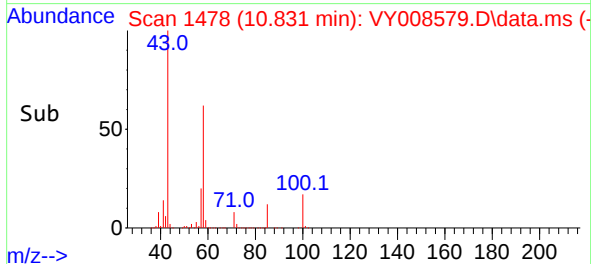
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



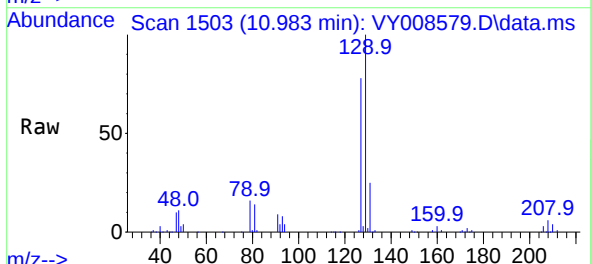
Tgt Ion: 43 Resp: 230500
Ion Ratio Lower Upper
43 100
58 62.9 24.4 73.4

Manual Integrations
APPROVED

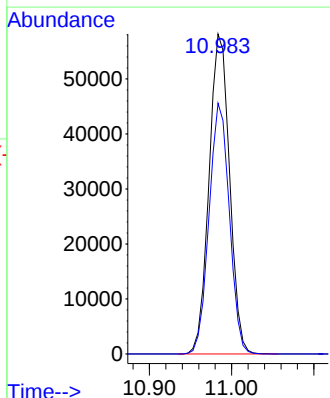
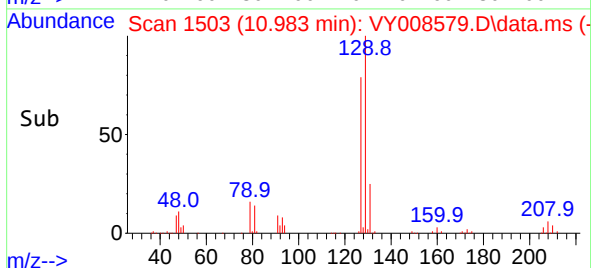
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

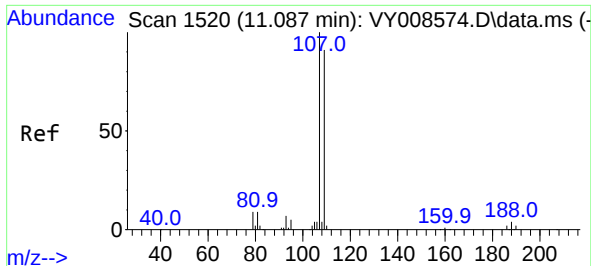


#60
Dibromochloromethane
Concen: 48.318 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



Tgt Ion:129 Resp: 100700
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1





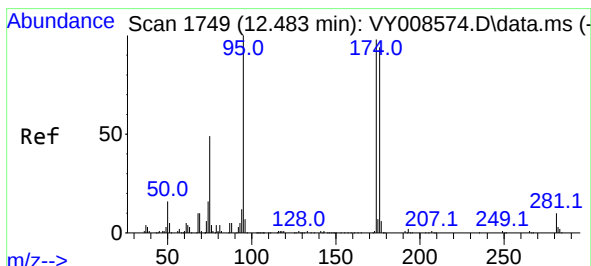
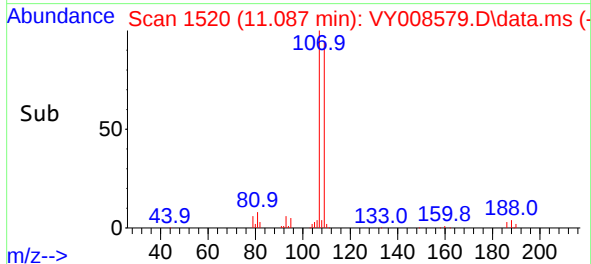
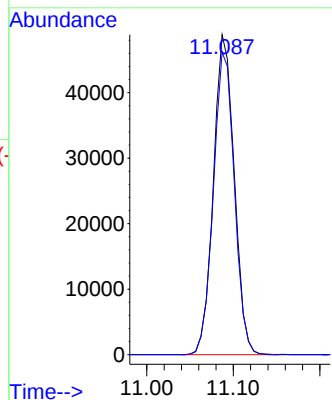
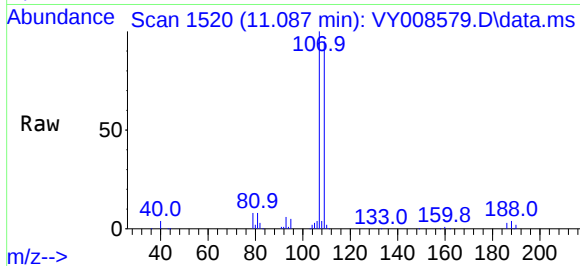
#61
1,2-Dibromoethane
Concen: 48.317 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 81474
Ion Ratio Lower Upper
107 100
109 95.3 75.4 113.2

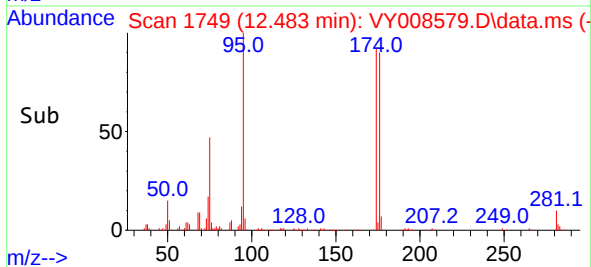
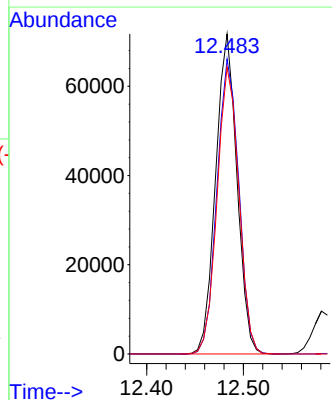
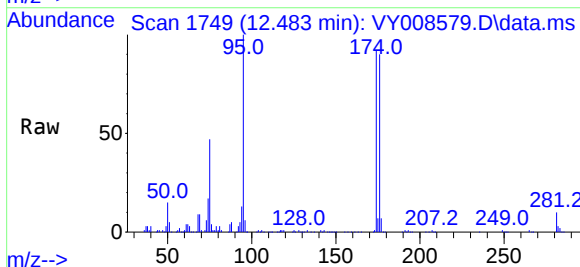
Manual Integrations
APPROVED

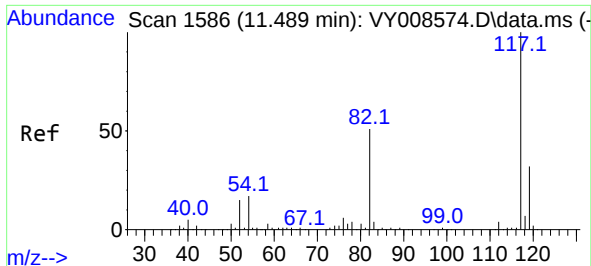
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#62
4-Bromofluorobenzene
Concen: 51.758 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

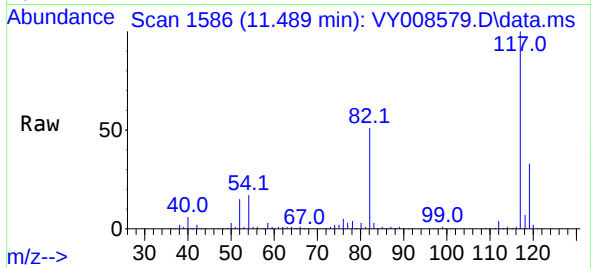
Tgt Ion: 95 Resp: 109858
Ion Ratio Lower Upper
95 100
174 94.2 0.0 177.0
176 91.2 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

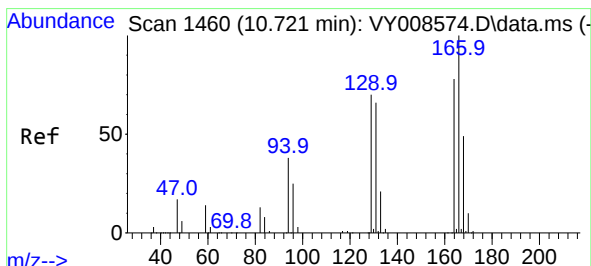
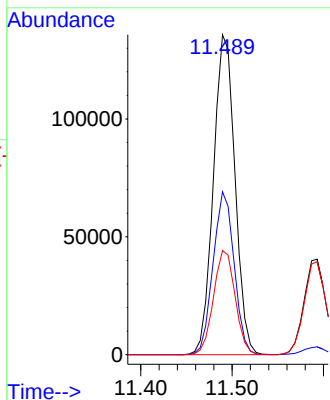
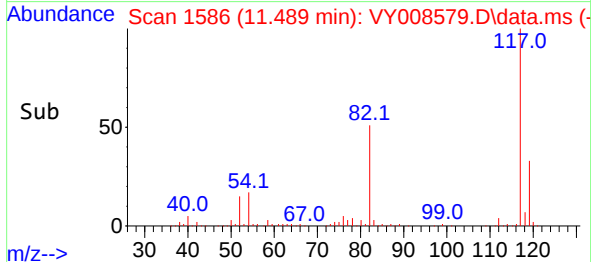
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



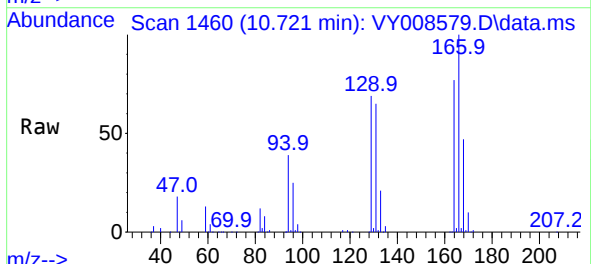
Tgt Ion:117 Resp: 223064
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.5 25.4 38.0

Manual Integrations
APPROVED

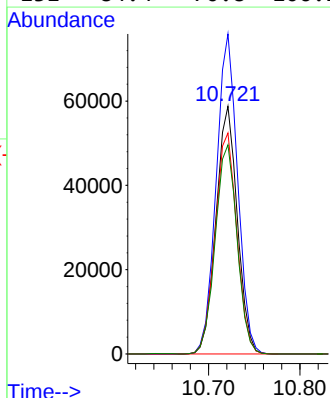
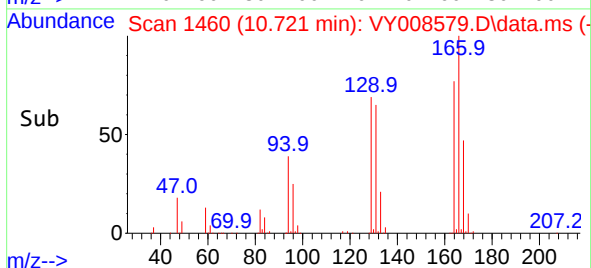
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

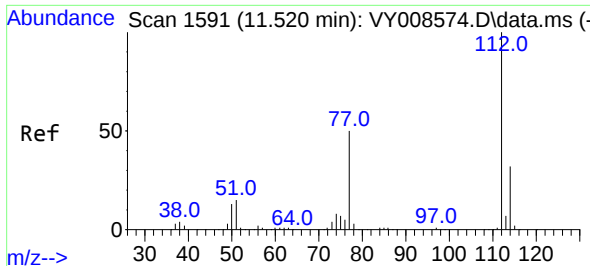


#64
Tetrachloroethene
Concen: 47.028 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



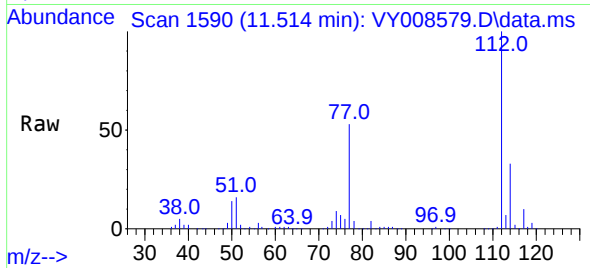
Tgt Ion:164 Resp: 95695
Ion Ratio Lower Upper
164 100
166 129.2 100.4 150.6
129 89.2 71.4 107.0
131 84.4 70.8 106.2





#65
Chlorobenzene
Concen: 48.943 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

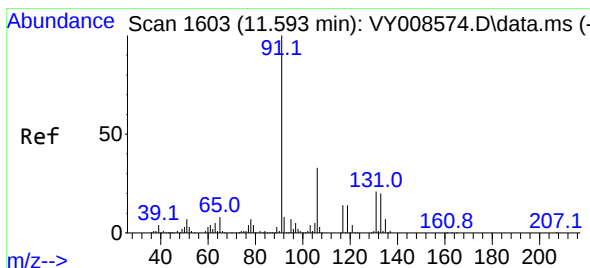
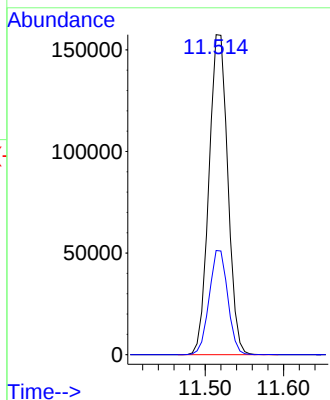
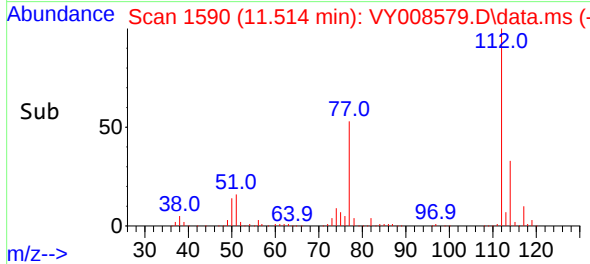
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



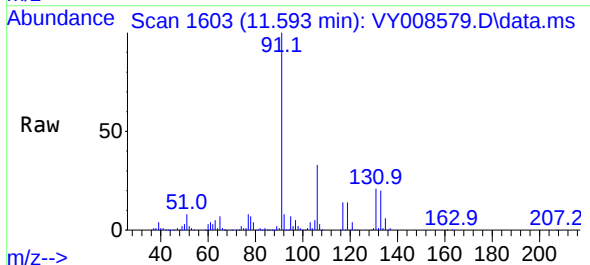
Tgt Ion:112 Resp: 262972
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

Manual Integrations
APPROVED

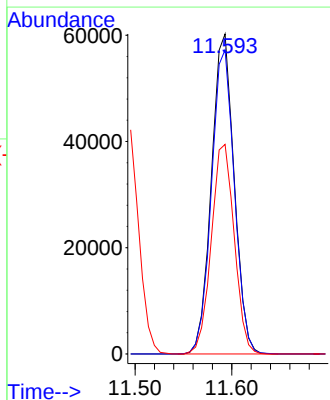
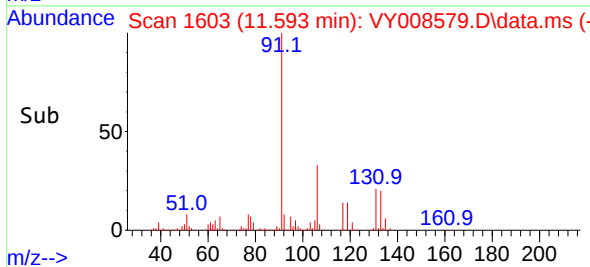
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

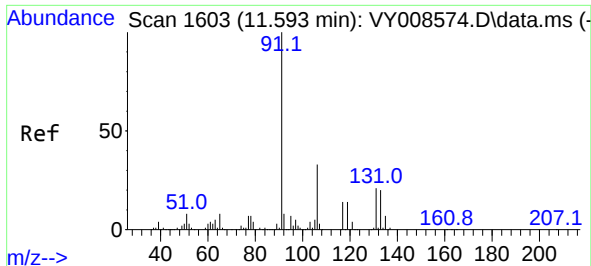


#66
1,1,1,2-Tetrachloroethane
Concen: 48.421 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



Tgt Ion:131 Resp: 98222
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 66.2 30.8 92.3





#67

Ethyl Benzene

Concen: 48.970 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY008579.D

Acq: 03 May 2022 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 442662

Ion Ratio Lower Upper

91 100

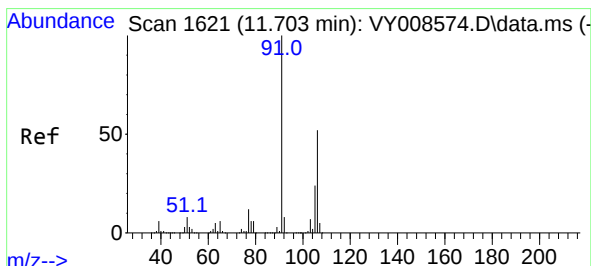
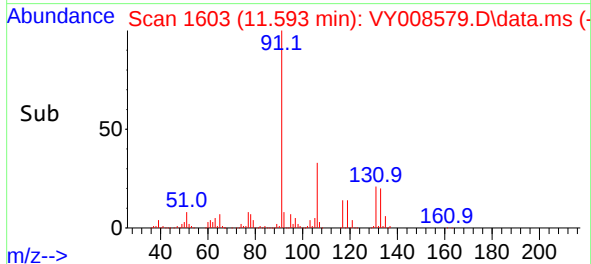
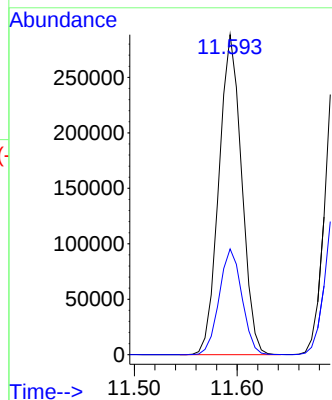
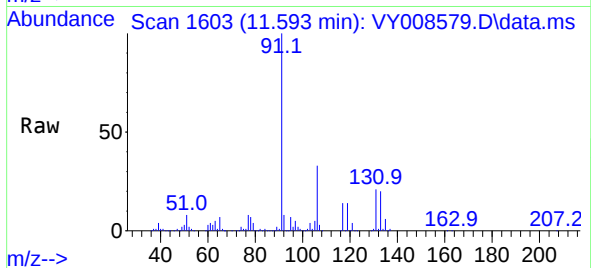
106 33.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#68

m/p-Xylenes

Concen: 98.053 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008579.D

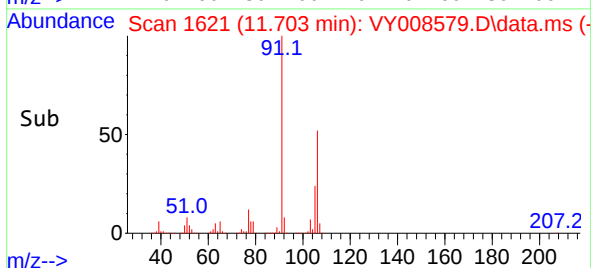
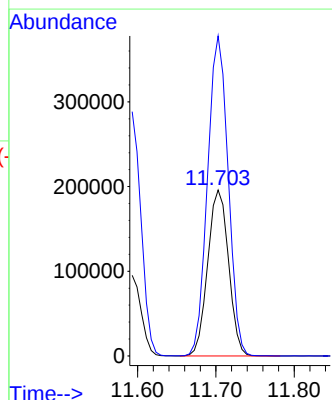
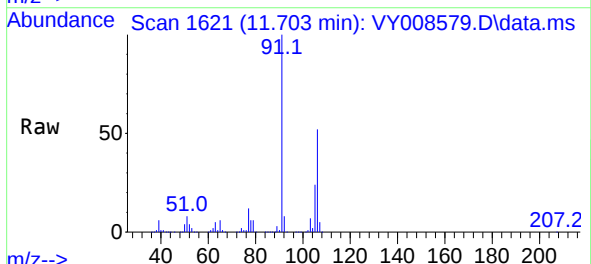
Acq: 03 May 2022 09:44

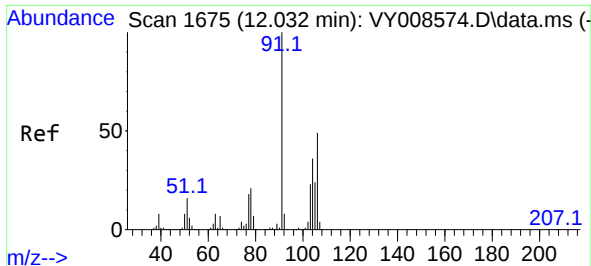
Tgt Ion:106 Resp: 362076

Ion Ratio Lower Upper

106 100

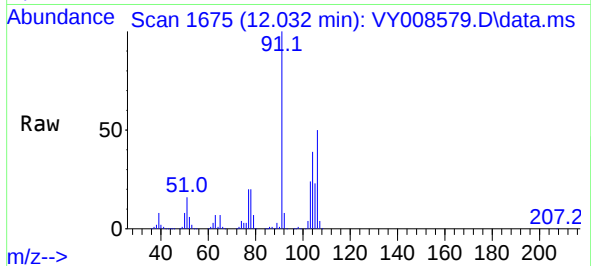
91 190.6 166.6 249.8





#69
o-Xylene
Concen: 49.211 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

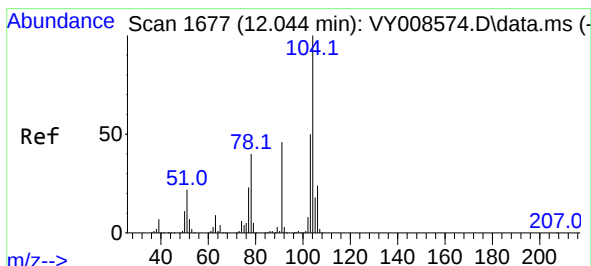
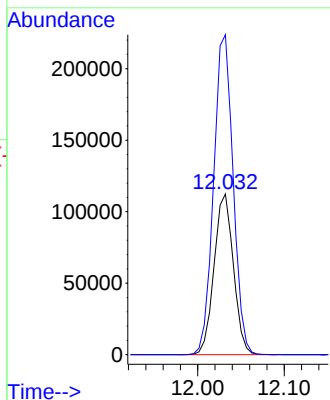
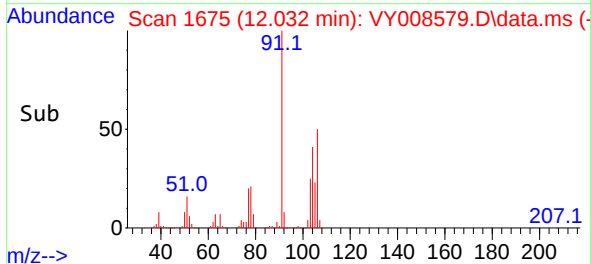
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 174150
Ion Ratio Lower Upper
106 100
91 201.0 110.3 331.0

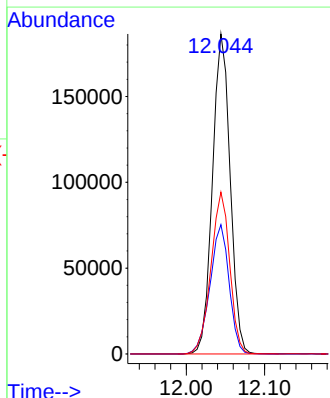
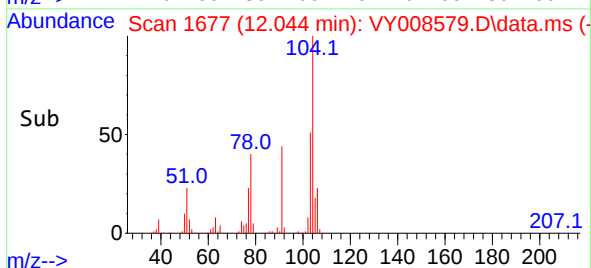
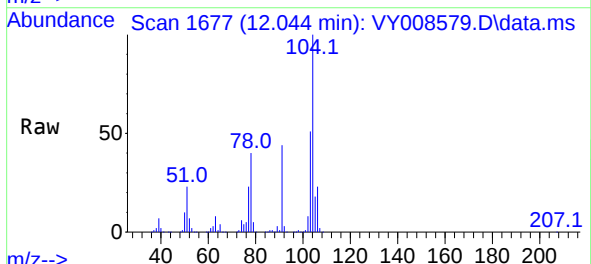
Manual Integrations
APPROVED

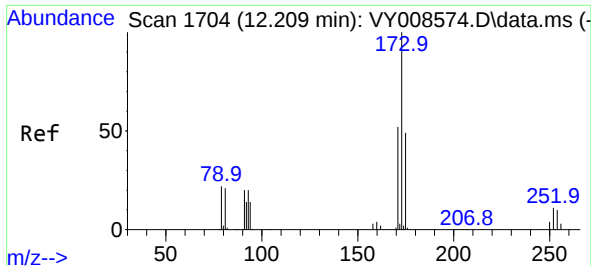
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#70
Styrene
Concen: 49.810 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

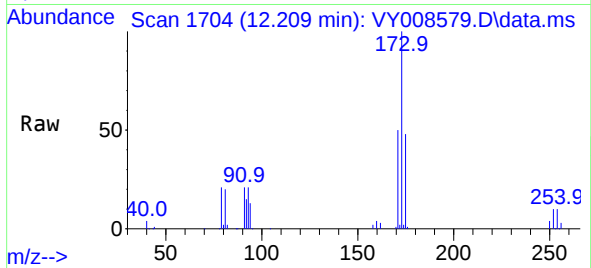
Tgt Ion:104 Resp: 293038
Ion Ratio Lower Upper
104 100
78 43.7 42.4 63.6
103 53.6 44.4 66.6





#71
Bromoform
Concen: 50.578 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

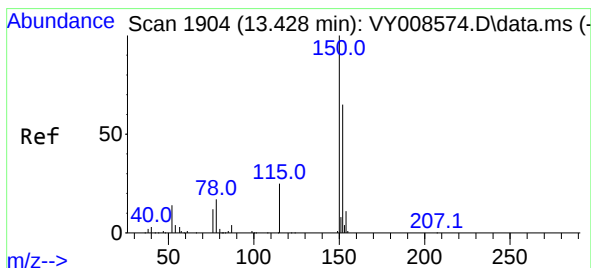
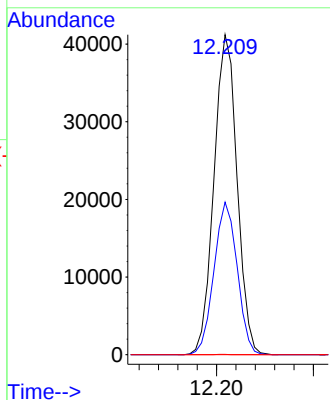
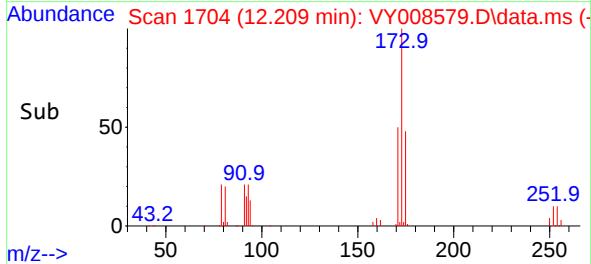
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



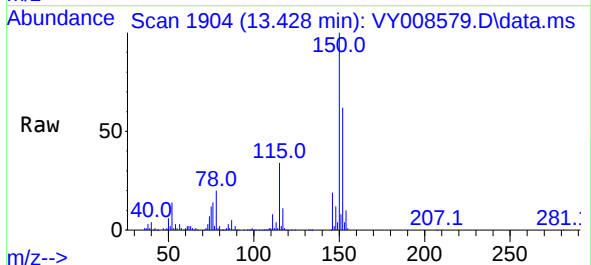
Tgt Ion:173 Resp: 68204
Ion Ratio Lower Upper
173 100
175 48.0 24.6 74.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

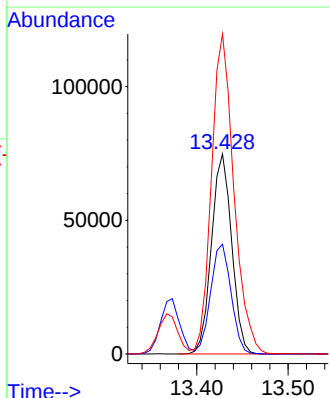
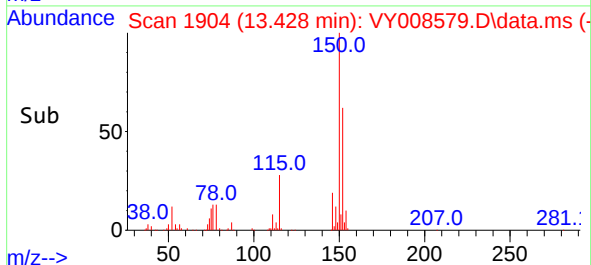
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

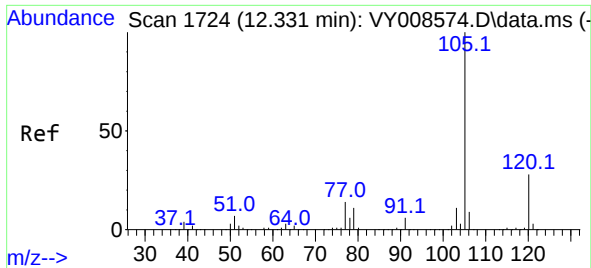


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



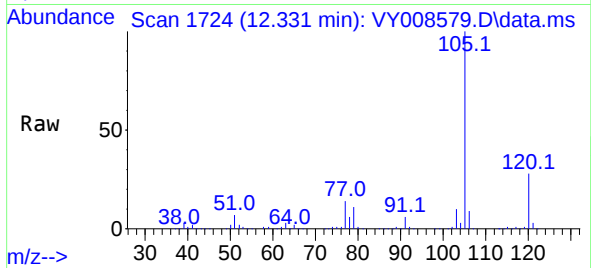
Tgt Ion:152 Resp: 114924
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 177.3 0.0 347.6





#73
Isopropylbenzene
Concen: 49.815 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

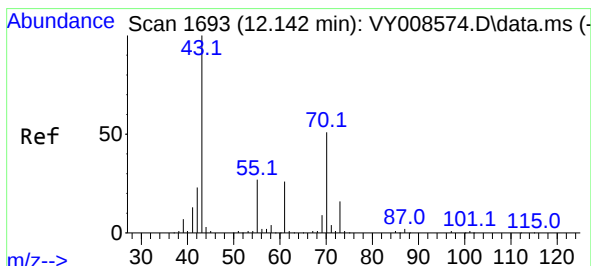
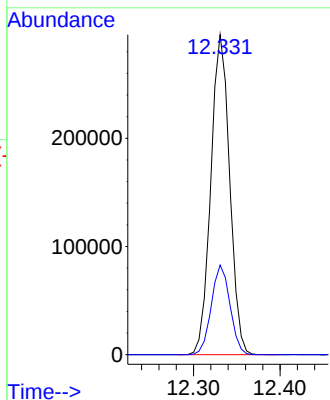
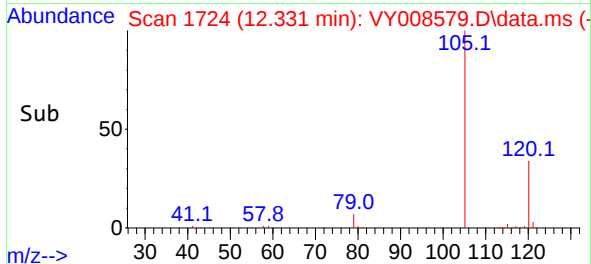
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



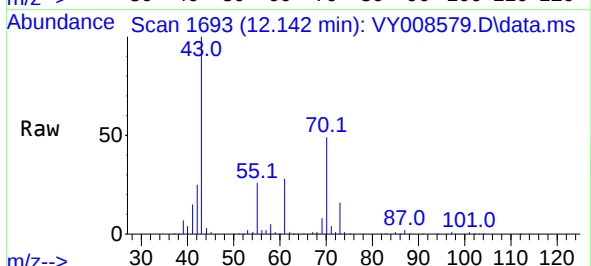
Tgt Ion:105 Resp: 446620
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.2

Manual Integrations
APPROVED

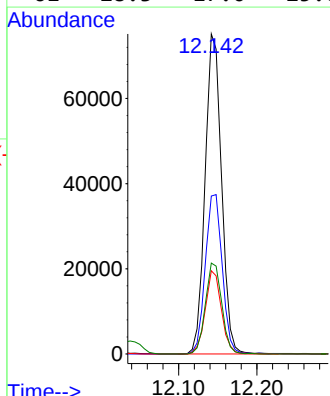
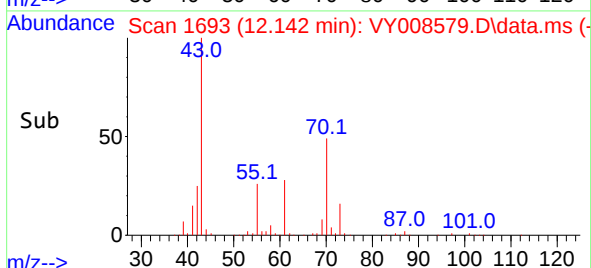
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

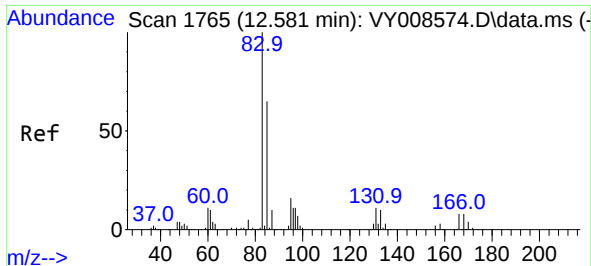


#74
N-ethyl acetate
Concen: 54.587 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



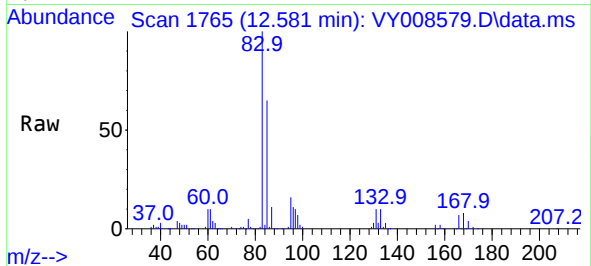
Tgt Ion: 43 Resp: 109369
Ion Ratio Lower Upper
43 100
70 51.3 28.7 43.1#
55 25.6 17.3 25.9
61 28.3 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 53.746 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

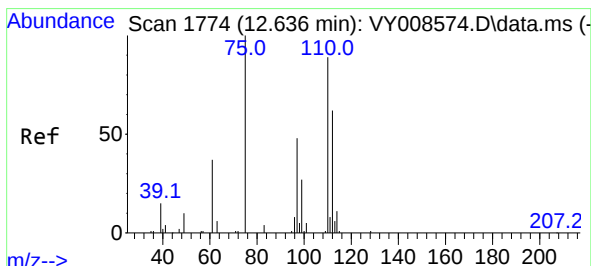
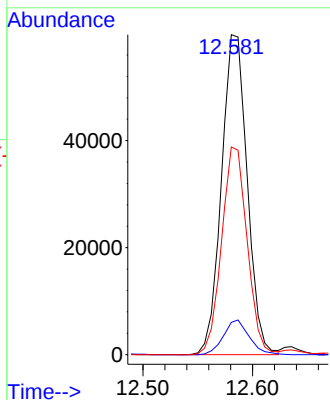
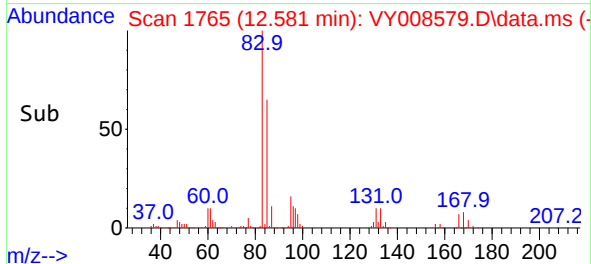
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



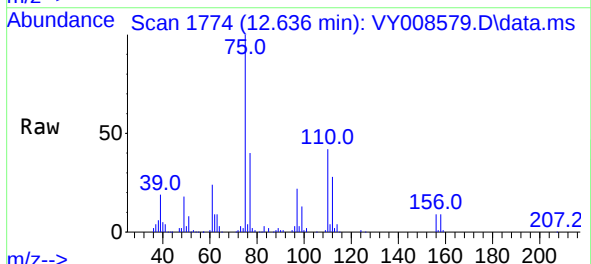
Tgt Ion: 83 Resp: 9751
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 64.4 32.3 96.8

Manual Integrations
APPROVED

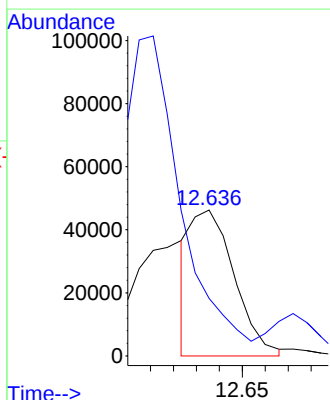
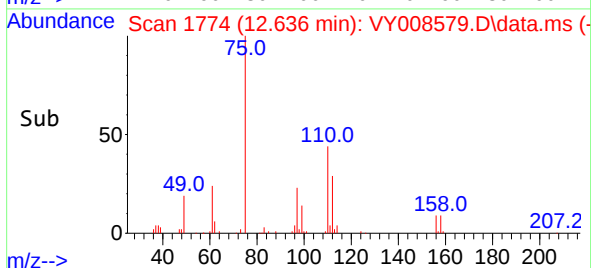
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

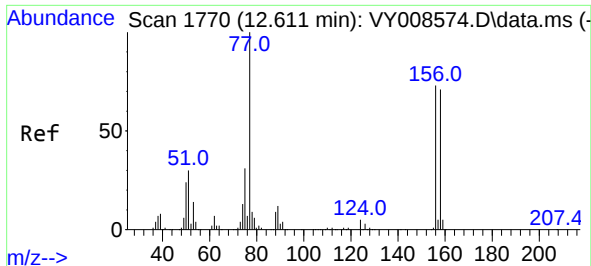


#76
1,2,3-Trichloropropane
Concen: 49.683 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



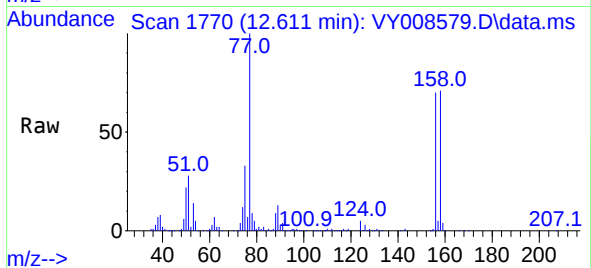
Tgt Ion: 75 Resp: 60950
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 48.375 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

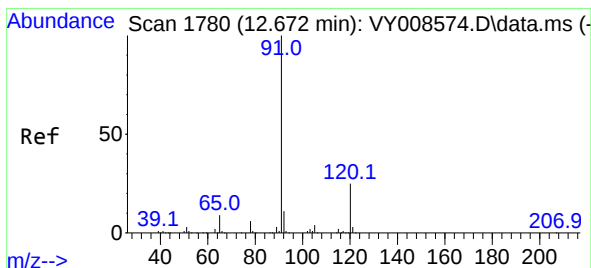
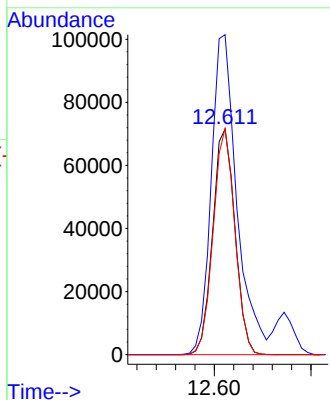
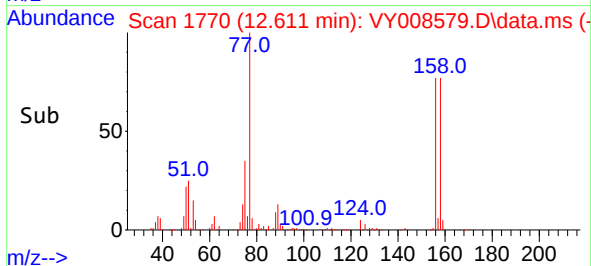
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



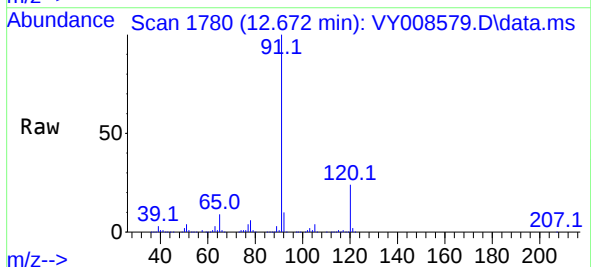
Tgt Ion: 156 Resp: 11443
Ion Ratio Lower Upper
156 100
77 163.0 95.5 286.4
158 97.4 48.0 144.0

Manual Integrations
APPROVED

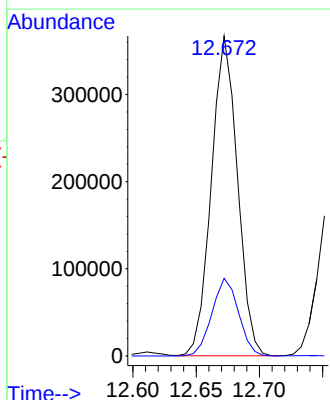
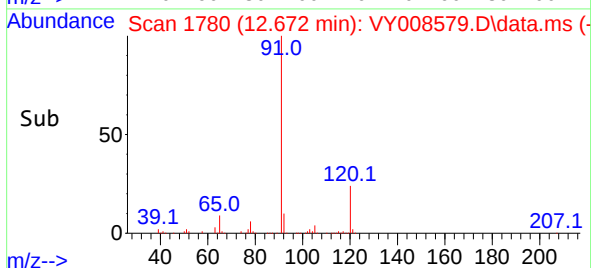
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

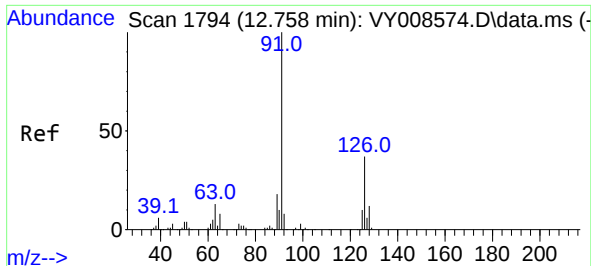


#78
n-propylbenzene
Concen: 50.407 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



Tgt Ion: 91 Resp: 525902
Ion Ratio Lower Upper
91 100
120 24.7 11.3 33.9





#79

2-Chlorotoluene

Concen: 49.702 ug/l

RT: 12.757 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008579.D

Acq: 03 May 2022 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 29195

Ion Ratio Lower Upper

91 100

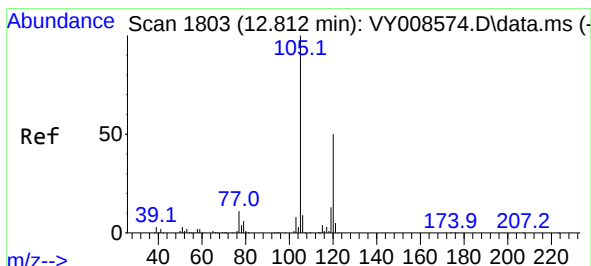
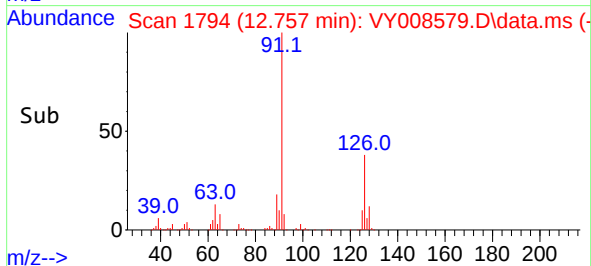
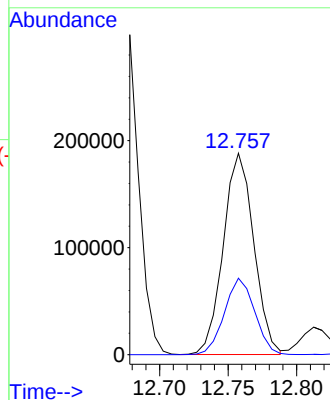
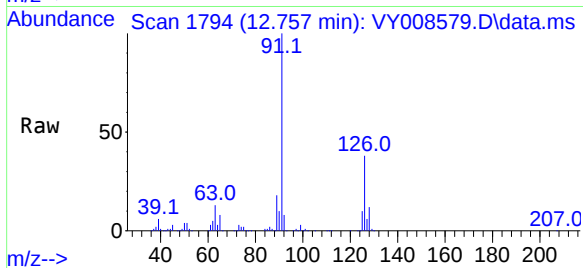
126 37.7 16.9 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#80

1,3,5-Trimethylbenzene

Concen: 49.868 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY008579.D

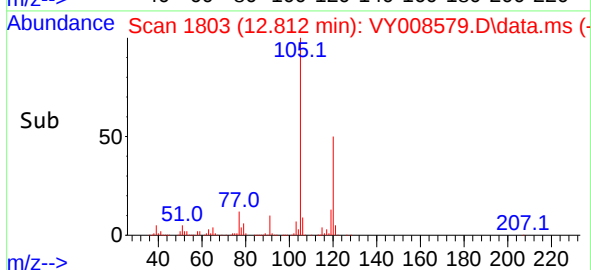
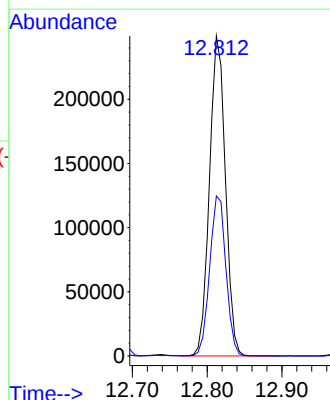
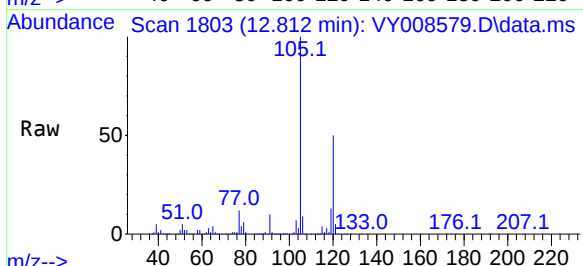
Acq: 03 May 2022 09:44

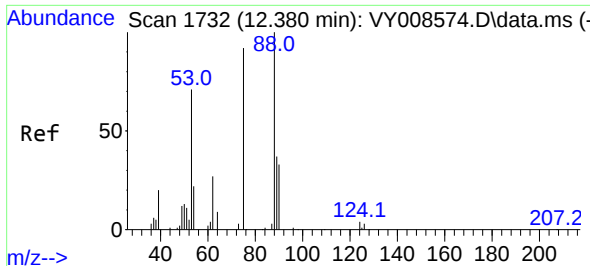
Tgt Ion:105 Resp: 369384

Ion Ratio Lower Upper

105 100

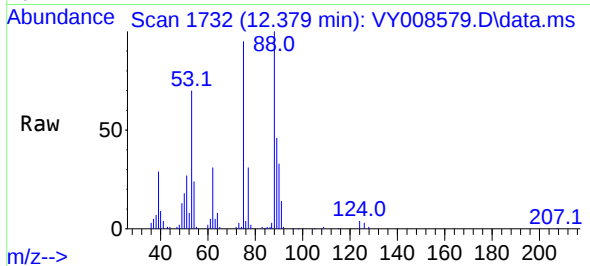
120 51.0 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 55.746 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

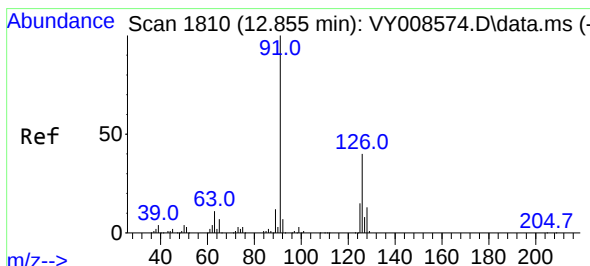
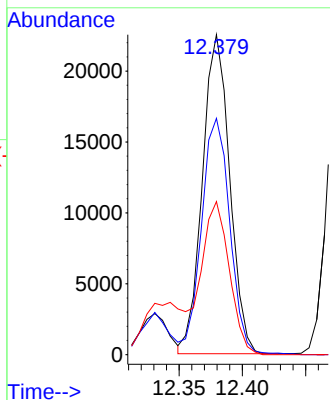
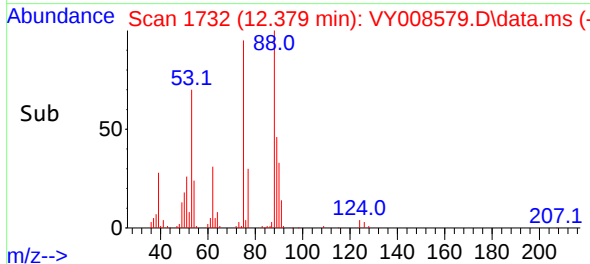
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



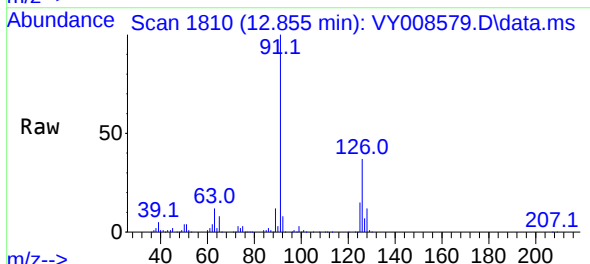
Tgt Ion: 75 Resp: 33732
Ion Ratio Lower Upper
75 100
53 77.3 85.3 127.9
89 49.4 37.0 55.4

Manual Integrations
APPROVED

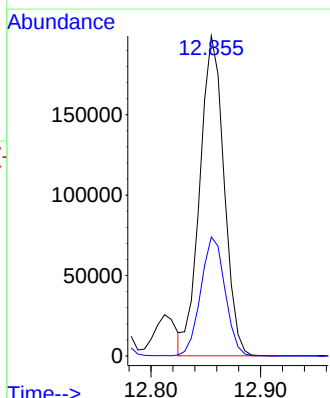
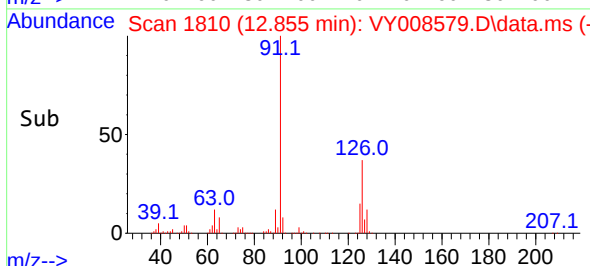
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

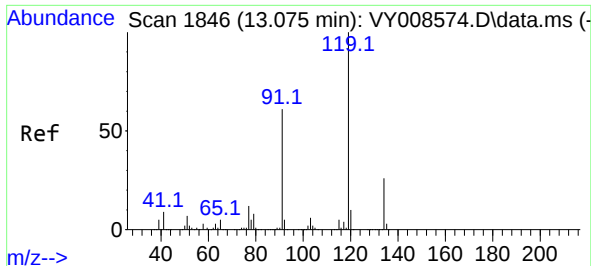


#82
4-Chlorotoluene
Concen: 50.343 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



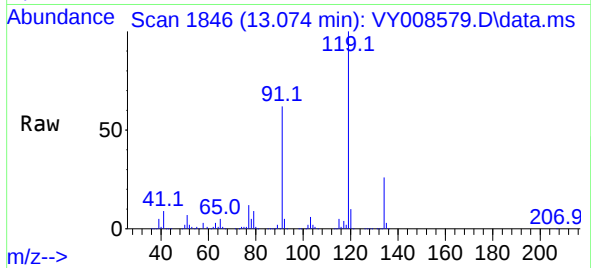
Tgt Ion: 91 Resp: 304622
Ion Ratio Lower Upper
91 100
126 37.4 17.0 51.0





#83
tert-Butylbenzene
Concen: 49.255 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

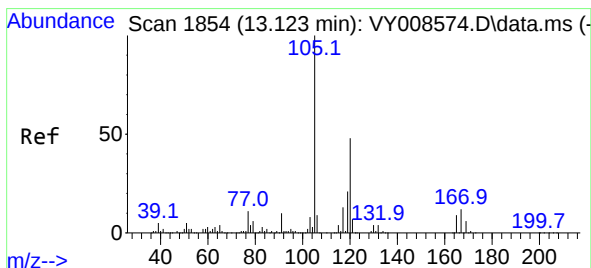
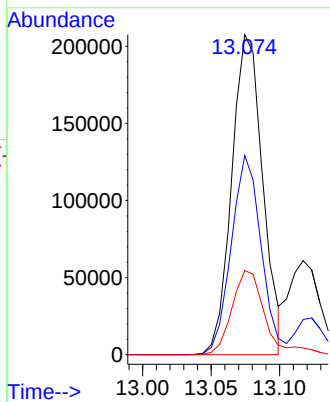
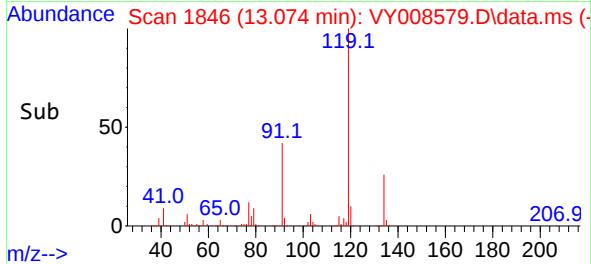
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



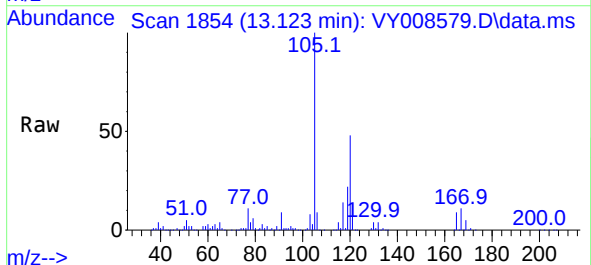
Tgt Ion:119 Resp: 32678
Ion Ratio Lower Upper
119 100
91 60.2 34.8 104.4
134 28.1 13.3 39.9

Manual Integrations
APPROVED

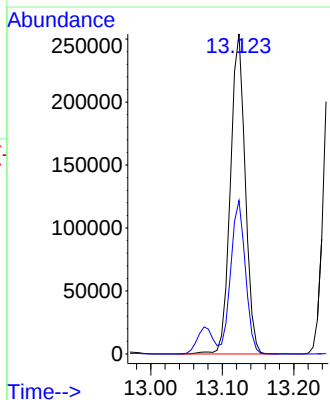
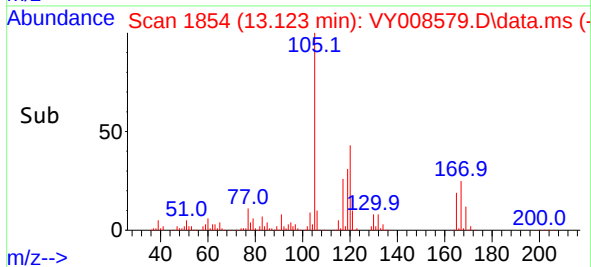
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

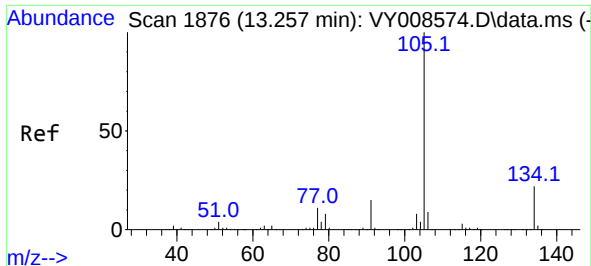


#84
1,2,4-Trimethylbenzene
Concen: 49.594 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



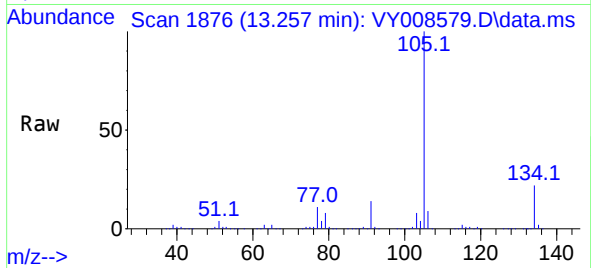
Tgt Ion:105 Resp: 365134
Ion Ratio Lower Upper
105 100
120 47.6 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 49.475 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY008579.D
 Acq: 03 May 2022 09:44

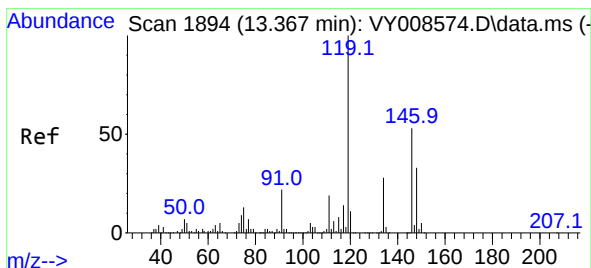
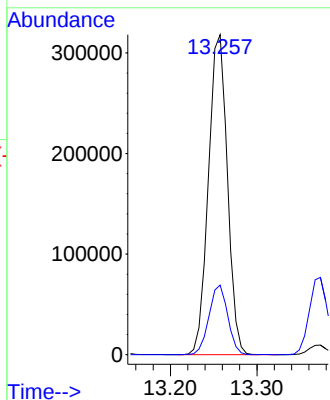
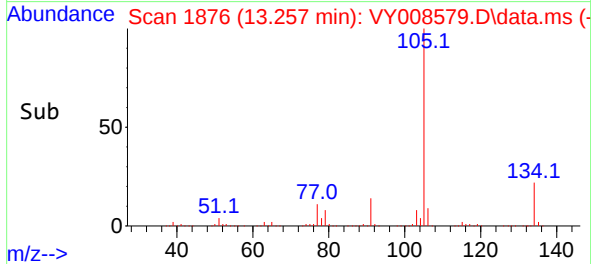
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



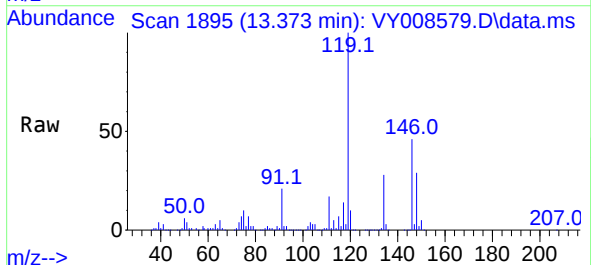
Tgt Ion:105 Resp: 48375
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.2 30.4

Manual Integrations
 APPROVED

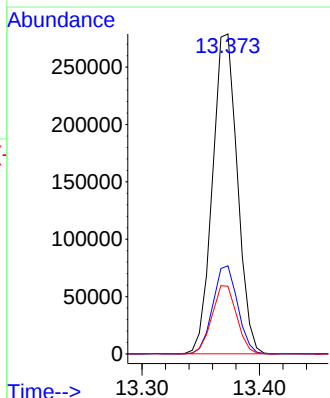
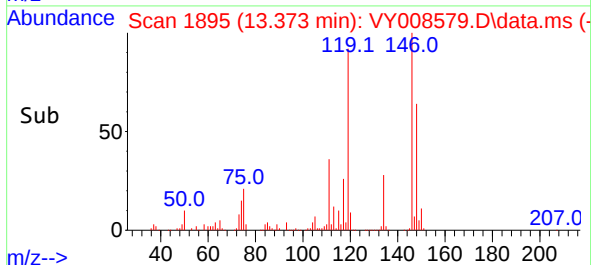
Reviewed By :John Carlone 05/04/2022
 Supervised By :Mahesh Dadoda 05/04/2022

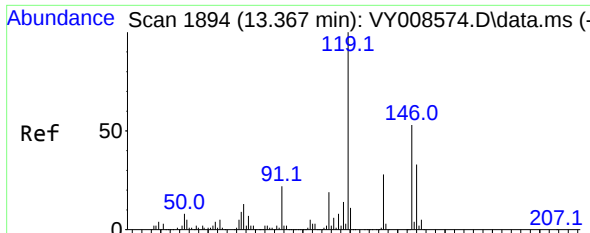


#86
 p-Isopropyltoluene
 Concen: 49.404 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008579.D
 Acq: 03 May 2022 09:44



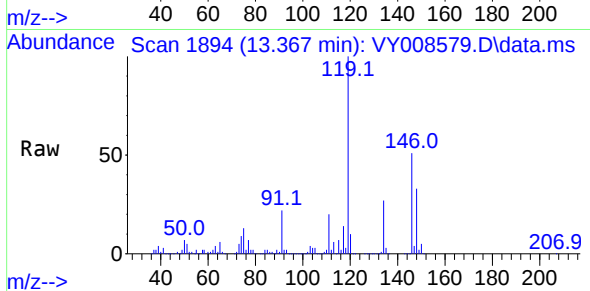
Tgt Ion:119 Resp: 410113
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.2 39.5
 91 21.2 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 47.683 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

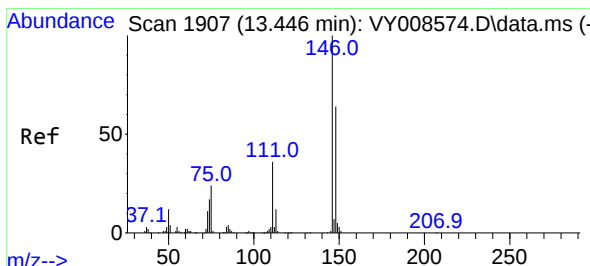
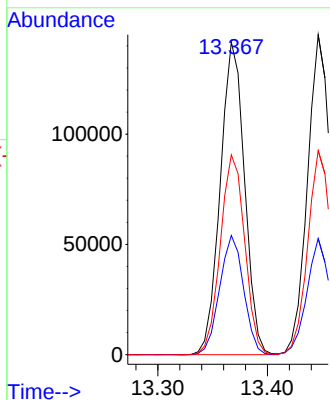
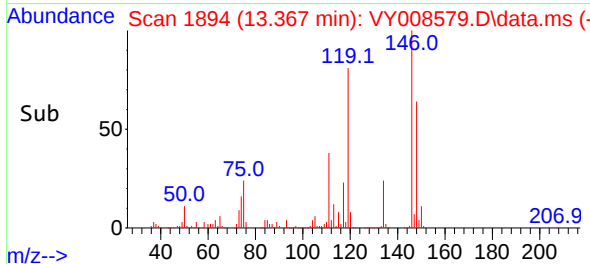
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



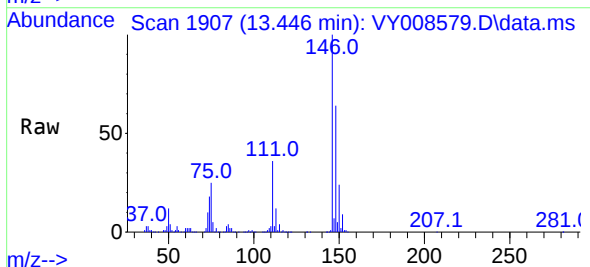
Tgt Ion:146 Resp: 21814
Ion Ratio Lower Upper
146 100
111 37.7 19.5 58.5
148 64.2 31.6 95.0

Manual Integrations
APPROVED

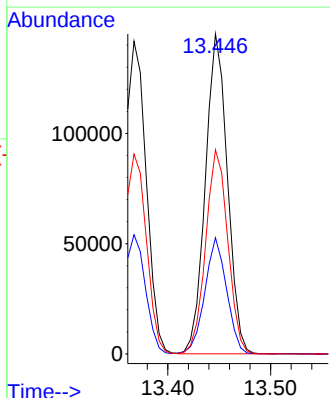
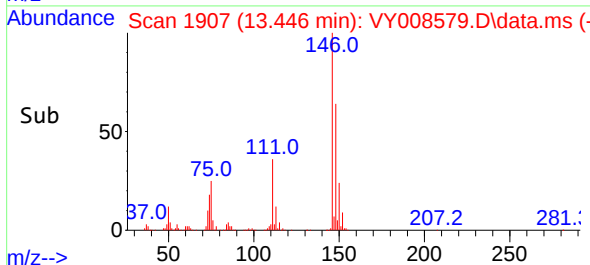
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

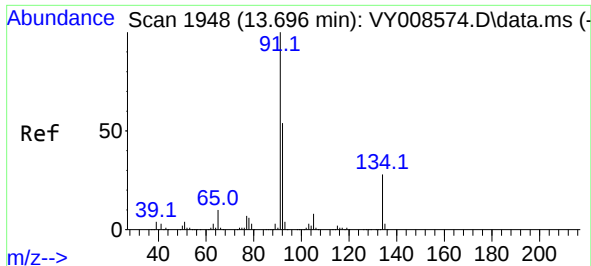


#88
1,4-Dichlorobenzene
Concen: 48.006 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



Tgt Ion:146 Resp: 216631
Ion Ratio Lower Upper
146 100
111 36.1 19.3 57.8
148 64.2 32.6 97.8





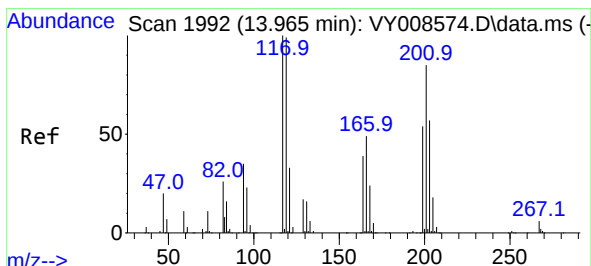
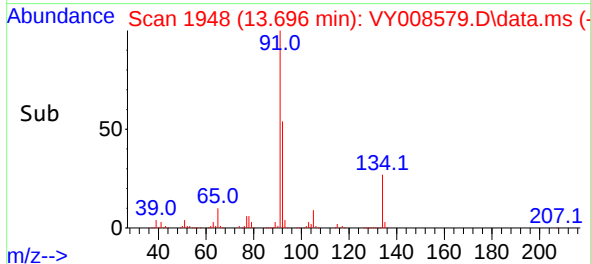
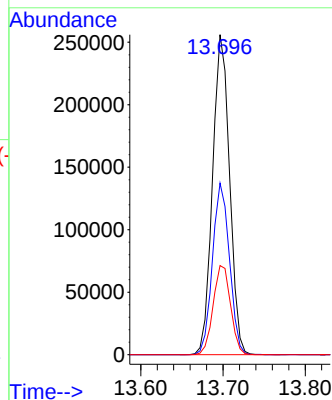
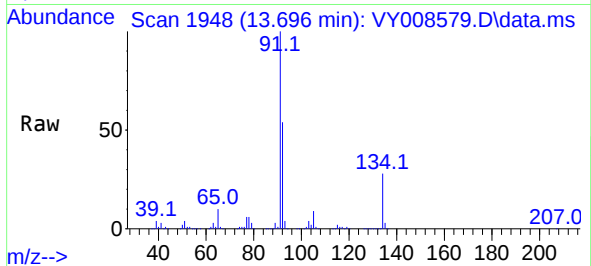
#89
n-Butylbenzene
Concen: 50.188 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 366972
Ion Ratio Lower Upper
91 100
92 53.6 26.3 78.9
134 28.5 13.0 38.9

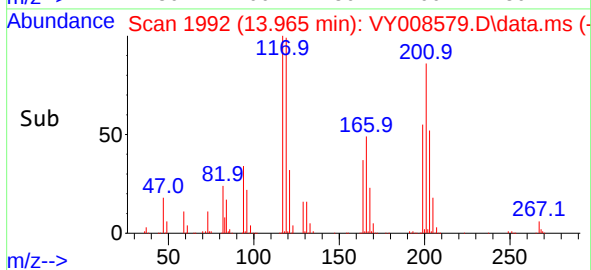
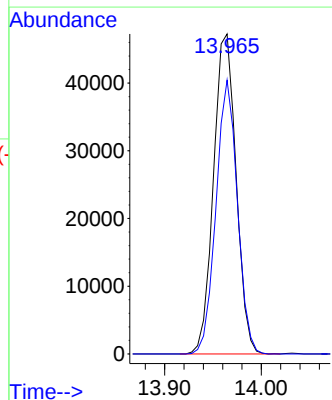
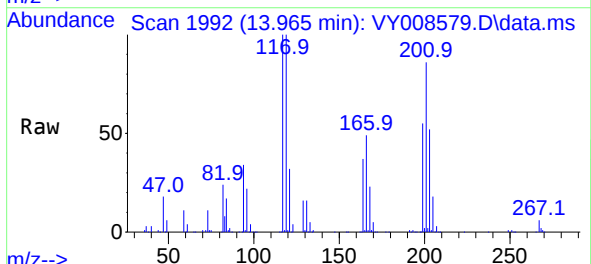
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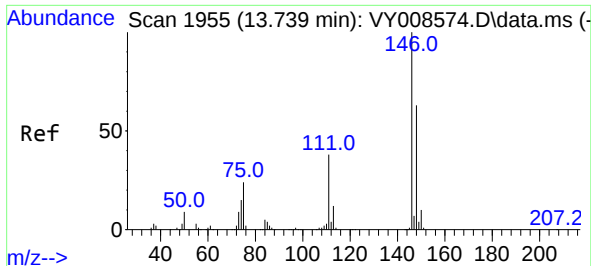
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#90
Hexachloroethane
Concen: 49.821 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

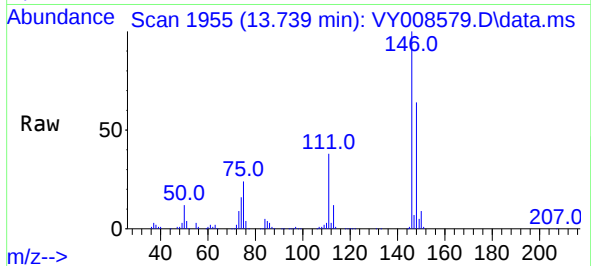
Tgt Ion:117 Resp: 76596
Ion Ratio Lower Upper
117 100
201 81.0 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 48.534 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

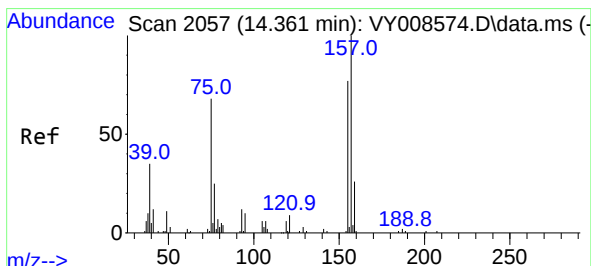
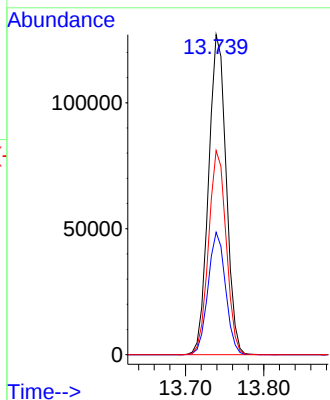
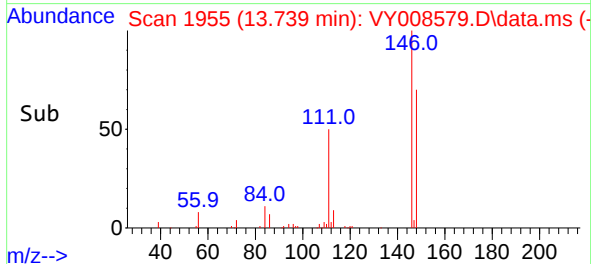
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



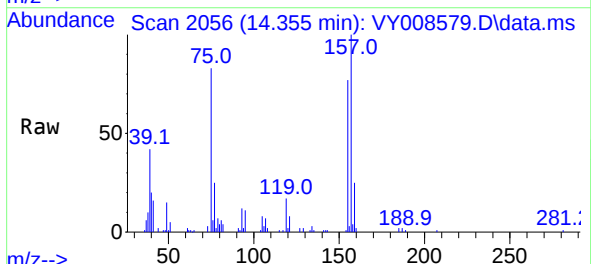
Tgt Ion:146 Resp: 198150
Ion Ratio Lower Upper
146 100
111 37.9 20.3 60.9
148 63.8 32.3 96.9

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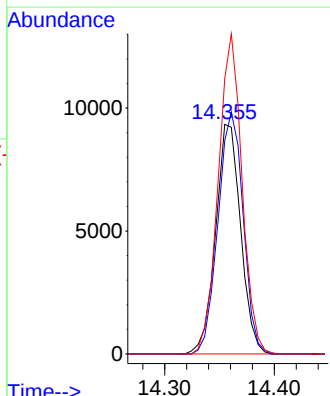
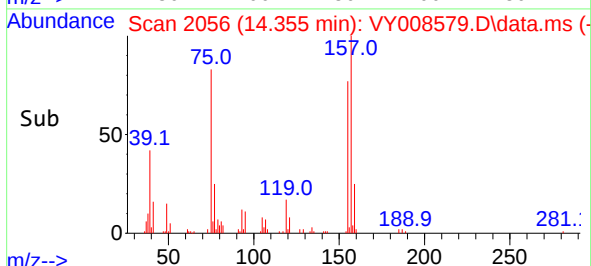
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

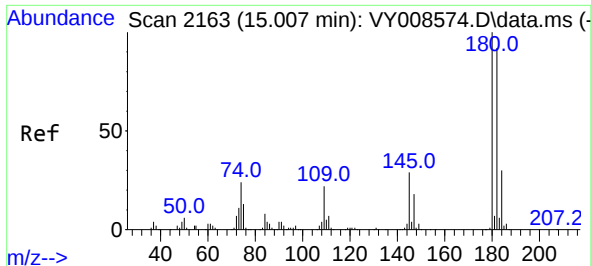


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.619 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



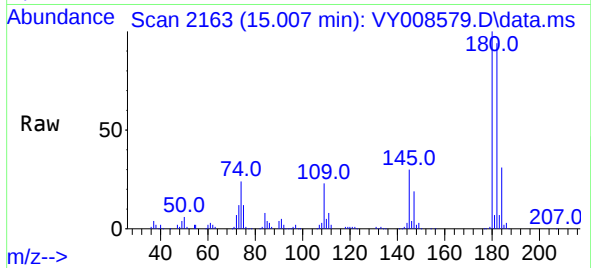
Tgt Ion: 75 Resp: 14805
Ion Ratio Lower Upper
75 100
155 105.6 38.0 113.9
157 132.5 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 46.987 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

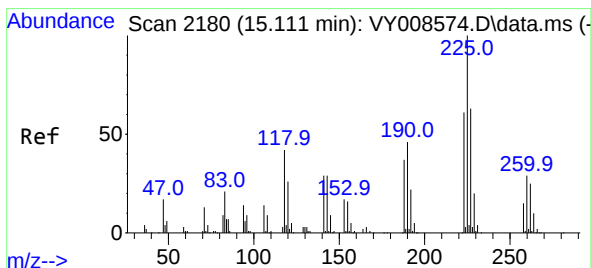
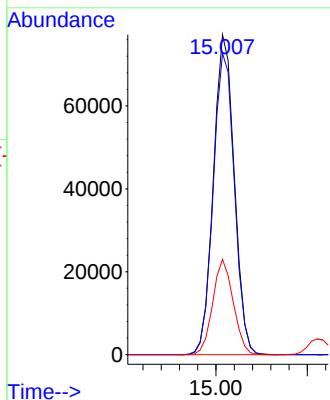
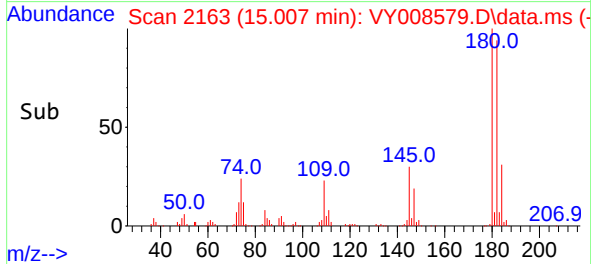
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



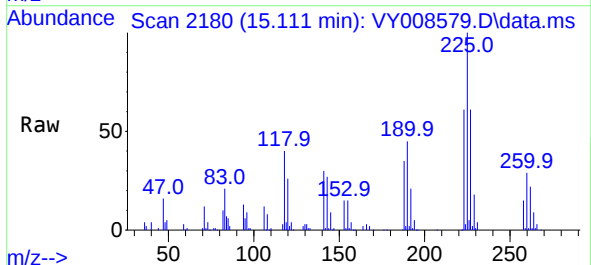
Tgt Ion:180 Resp: 122400
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.9
145 29.2 14.6 43.8

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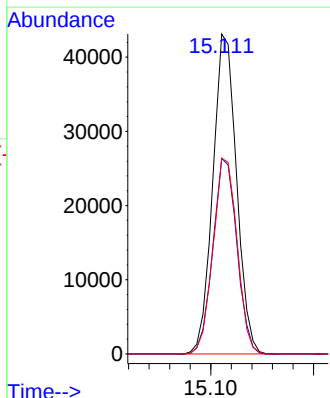
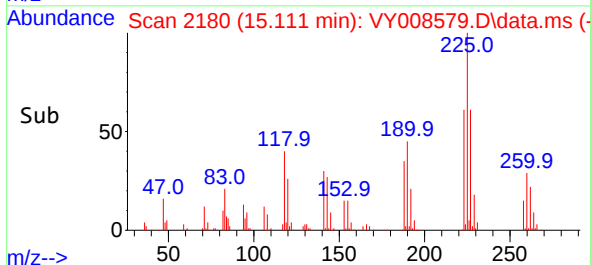
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

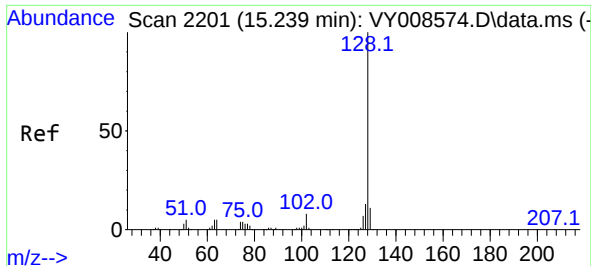


#94
Hexachlorobutadiene
Concen: 46.873 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



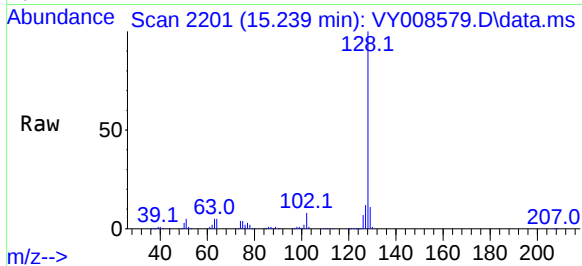
Tgt Ion:225 Resp: 68960
Ion Ratio Lower Upper
225 100
223 61.9 30.8 92.3
227 62.0 31.6 94.7





#95
Naphthalene
Concen: 50.019 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44

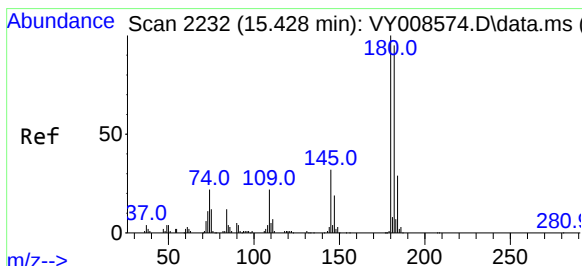
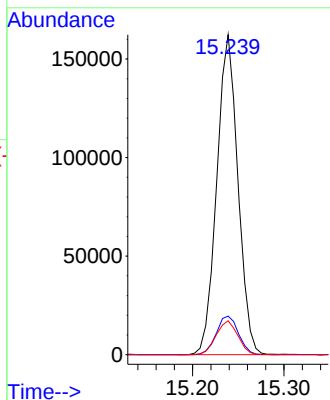
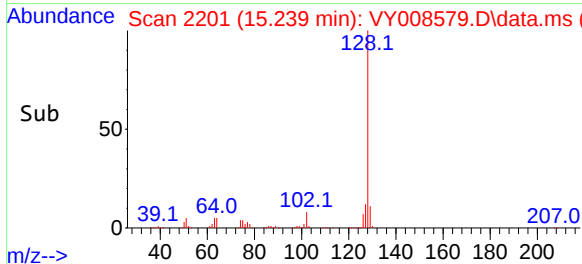
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



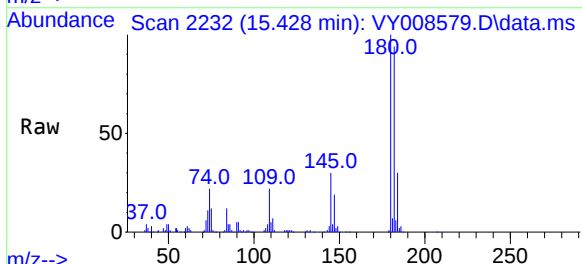
Tgt Ion:128 Resp: 261304
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.4
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#96
1,2,3-Trichlorobenzene
Concen: 46.496 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY008579.D
Acq: 03 May 2022 09:44



Tgt Ion:180 Resp: 107509
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.9
145 31.3 15.3 45.9

