

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050222\
 Data File : VY008571.D
 Acq On : 02 May 2022 15:03
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/03/2022
 Supervised By : Mahesh Dadoda 05/03/2022

Quant Time: May 03 01:49:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:48:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	128241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	188350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	6820	5.293	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.580%#		
35) Dibromofluoromethane	7.722	113	6387	4.854	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.700%#		
50) Toluene-d8	10.179	98	22887	4.897	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.800%#		
62) 4-Bromofluorobenzene	12.483	95	8530	4.639	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	9.280%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	7395	5.864	ug/l	95
3) Chloromethane	2.113	50	8909	5.504	ug/l	99
4) Vinyl Chloride	2.253	62	10373	5.279	ug/l	99
5) Bromomethane	2.650	94	9929	5.808	ug/l	96
6) Chloroethane	2.790	64	6564	5.149	ug/l	94
7) Trichlorofluoromethane	3.125	101	13146	5.336	ug/l	93
8) Diethyl Ether	3.528	74	4120	5.237	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.899	101	7971	5.597	ug/l	93
10) Methyl Iodide	4.088	142	8000	4.588	ug/l #	81
11) Tert butyl alcohol	4.948	59	5044	31.971	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	7617	5.684	ug/l #	71
13) Acrolein	3.729	56	4600	26.764	ug/l	96
14) Allyl chloride	4.479	41	8274	5.036	ug/l #	88
15) Acrylonitrile	5.168	53	9304	25.199	ug/l	98
16) Acetone	3.954	43	7445	26.404	ug/l	93
17) Carbon Disulfide	4.192	76	19937	5.135	ug/l	97
18) Methyl Acetate	4.479	43	6607	7.340	ug/l #	79
19) Methyl tert-butyl Ether	5.222	73	19689	5.172	ug/l	94
20) Methylene Chloride	4.716	84	17553	8.560	ug/l #	77
21) trans-1,2-Dichloroethene	5.222	96	8476	5.516	ug/l	83
22) Diisopropyl ether	6.119	45	19597	5.144	ug/l #	92
23) Vinyl Acetate	6.058	43	53873	21.466	ug/l #	90
24) 1,1-Dichloroethane	6.015	63	12626	5.267	ug/l	95
25) 2-Butanone	6.984	43	11389	25.165	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	12238	5.303	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	9823	5.592	ug/l	79
28) Bromochloromethane	7.338	49	5677	6.161	ug/l #	52
29) Tetrahydrofuran	7.350	42	7229	24.127	ug/l #	71
30) Chloroform	7.509	83	14459	5.379	ug/l	99
31) Cyclohexane	7.783	56	12392	5.510	ug/l #	68
32) 1,1,1-Trichloroethane	7.704	97	12820	5.229	ug/l	95
36) 1,1-Dichloropropene	7.917	75	11239	5.558	ug/l	94
37) Ethyl Acetate	7.070	43	5584	5.221	ug/l #	90
38) Carbon Tetrachloride	7.899	117	12106	5.329	ug/l	98
39) Methylcyclohexane	9.179	83	13999	5.262	ug/l #	83
40) Benzene	8.167	78	31201	5.317	ug/l	93

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 Data File : VY008571.D
 Acq On : 02 May 2022 15:03
 Operator : KP/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/03/2022
 Supervised By : Mahesh Dadoda 05/03/2022

Quant Time: May 03 01:49:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:48:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	2148	4.425	ug/l #	61
42) 1,2-Dichloroethane	8.240	62	9204	5.331	ug/l	87
43) Isopropyl Acetate	8.271	43	9534	4.929	ug/l #	84
44) Trichloroethene	8.941	130	10373	5.808	ug/l	85
45) 1,2-Dichloropropane	9.216	63	7059	5.089	ug/l	96
46) Dibromomethane	9.301	93	5342	5.642	ug/l	97
47) Bromodichloromethane	9.496	83	10753	5.125	ug/l	99
48) Methyl methacrylate	9.289	41	4182	4.938	ug/l #	80
49) 1,4-Dioxane	9.295	88	1091	87.615	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	25314	24.946	ug/l #	86
52) Toluene	10.246	92	20845	5.342	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	10964	4.971	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	12664	5.139	ug/l #	79
55) 1,1,2-Trichloroethane	10.642	97	7280	5.528	ug/l	92
56) Ethyl methacrylate	10.514	69	8205	4.894	ug/l #	72
57) 1,3-Dichloropropane	10.788	76	11355	5.340	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	21998	25.410	ug/l #	85
59) 2-Hexanone	10.831	43	16076	23.236	ug/l	82
60) Dibromochloromethane	10.984	129	8578	5.245	ug/l	97
61) 1,2-Dibromoethane	11.087	107	7211	5.410	ug/l	100
64) Tetrachloroethene	10.721	164	9409	5.561	ug/l	90
65) Chlorobenzene	11.514	112	24053	5.369	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.593	131	8543	5.055	ug/l	95
67) Ethyl Benzene	11.593	91	38496	5.047	ug/l	98
68) m/p-Xylenes	11.703	106	31568	10.243	ug/l	88
69) o-Xylene	12.032	106	15050	5.084	ug/l	87
70) Styrene	12.044	104	23839	4.829	ug/l	94
71) Bromoform	12.209	173	5598	5.065	ug/l #	97
73) Isopropylbenzene	12.331	105	38178	5.391	ug/l	99
74) N-amyl acetate	12.148	43	7837	4.882	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	7848	5.166	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	5074m	4.884	ug/l	
77) Bromobenzene	12.611	156	10621	5.403	ug/l	80
78) n-propylbenzene	12.672	91	44471	5.098	ug/l	94
79) 2-Chlorotoluene	12.758	91	25463	5.189	ug/l	91
80) 1,3,5-Trimethylbenzene	12.812	105	31302	5.061	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	2221	4.546	ug/l	88
82) 4-Chlorotoluene	12.855	91	26262	5.206	ug/l	93
83) tert-Butylbenzene	13.075	119	28738	5.189	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	31606	5.162	ug/l	95
85) sec-Butylbenzene	13.251	105	42265	5.159	ug/l	97
86) p-Isopropyltoluene	13.373	119	35017	5.015	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	20712	5.434	ug/l	97
88) 1,4-Dichlorobenzene	13.447	146	20918	5.551	ug/l	99
89) n-Butylbenzene	13.696	91	31269	5.080	ug/l	97
90) Hexachloroethane	13.965	117	6585	5.087	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	18596	5.445	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1114	4.785	ug/l #	57
93) 1,2,4-Trichlorobenzene	15.007	180	11616	5.291	ug/l	93
94) Hexachlorobutadiene	15.111	225	6714	5.431	ug/l	98
95) Naphthalene	15.239	128	21742	4.947	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	10538	5.439	ug/l	99

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Data File : VY008571.D
Acq On : 02 May 2022 15:03
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/03/2022
Supervised By : Mahesh Dadoda 05/03/2022

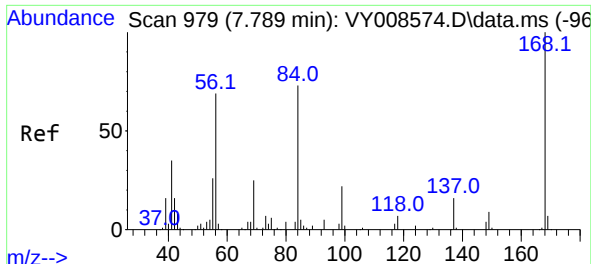
Quant Time: May 03 01:49:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 01:48:14 2022
Response via : Initial Calibration

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

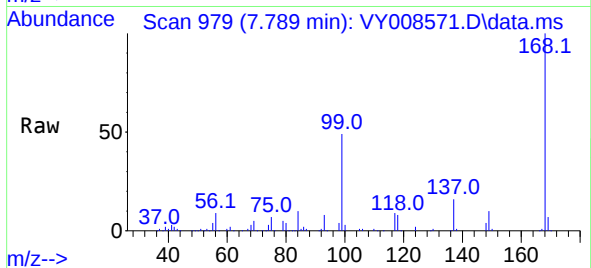
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

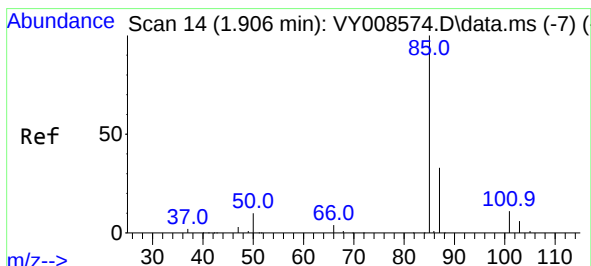
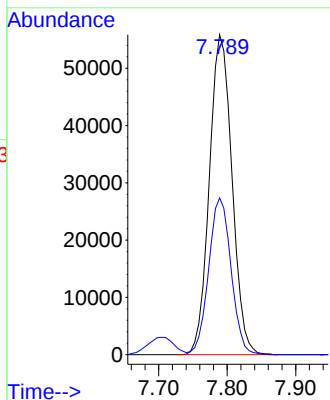
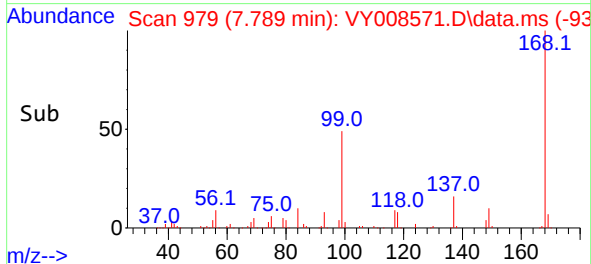
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 12824
Ion Ratio Lower Upper
168 100
99 49.0 46.9 70.3

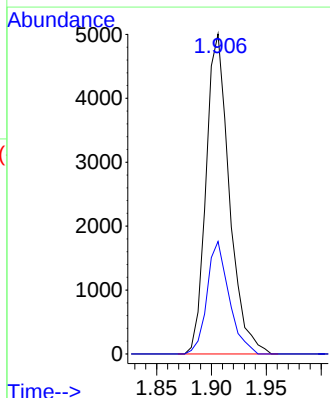
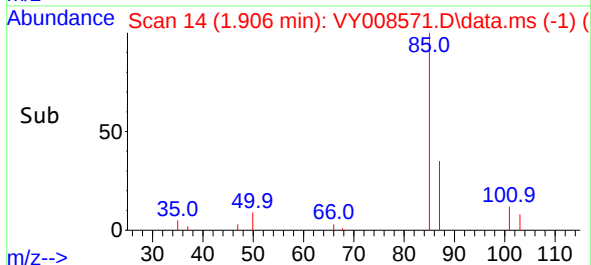
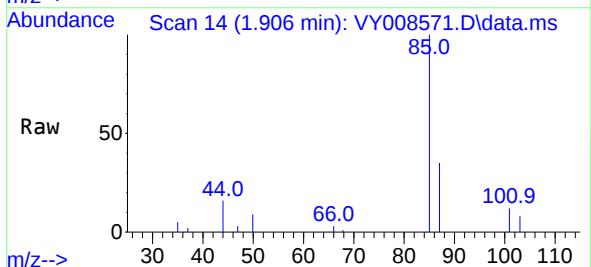
Manual Integrations
APPROVED

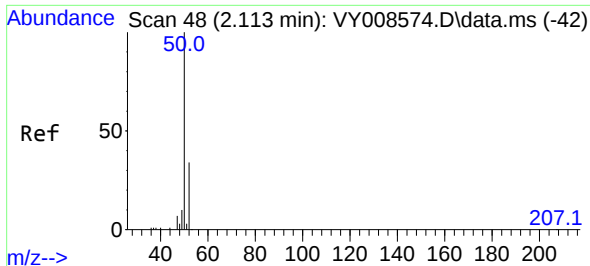
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#2
Dichlorodifluoromethane
Concen: 5.864 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

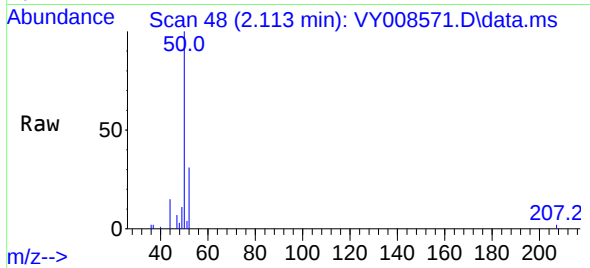
Tgt Ion: 85 Resp: 7395
Ion Ratio Lower Upper
85 100
87 35.2 16.1 48.2





#3
Chloromethane
Concen: 5.504 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

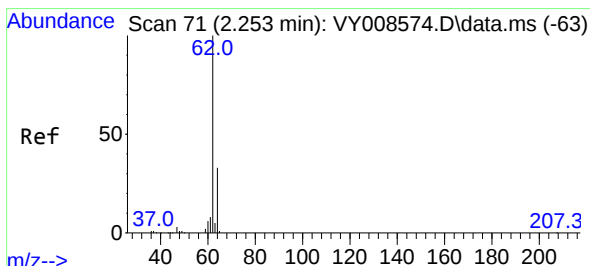
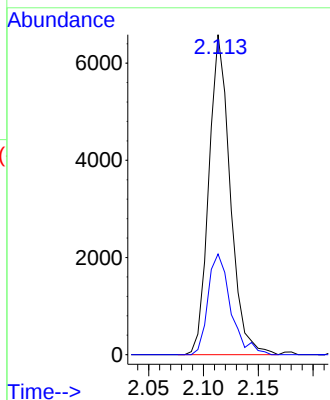
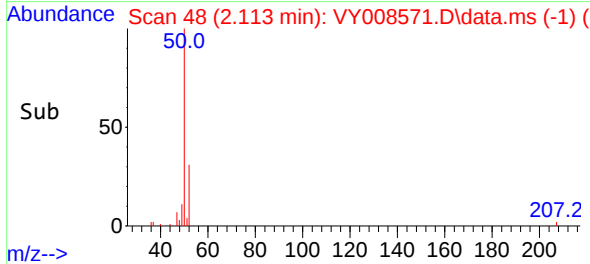
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



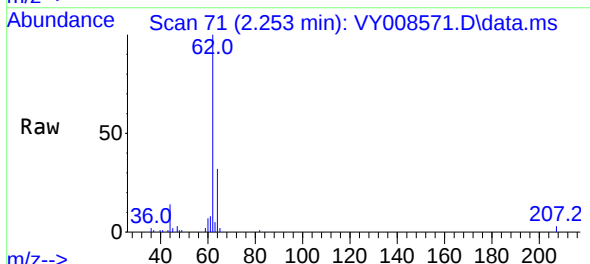
Tgt Ion: 50 Resp: 890
Ion Ratio Lower Upper
50 100
52 31.4 24.6 37.0

Manual Integrations
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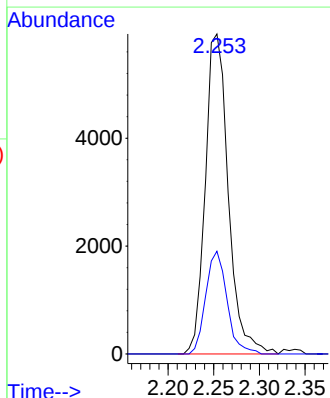
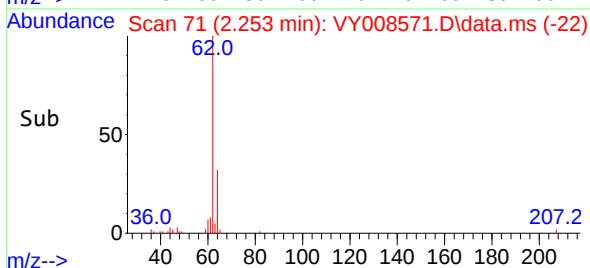
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

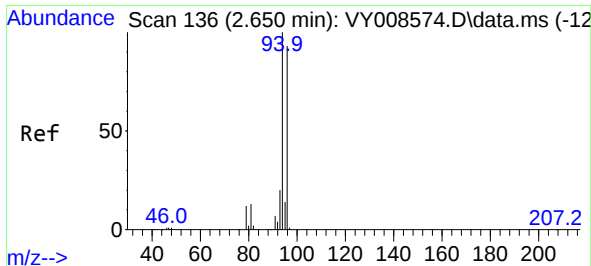


#4
Vinyl Chloride
Concen: 5.279 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03



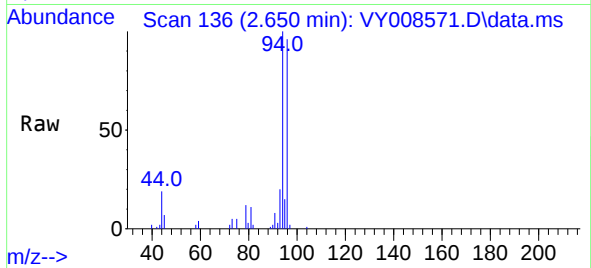
Tgt Ion: 62 Resp: 10373
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.6





#5
Bromomethane
Concen: 5.808 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

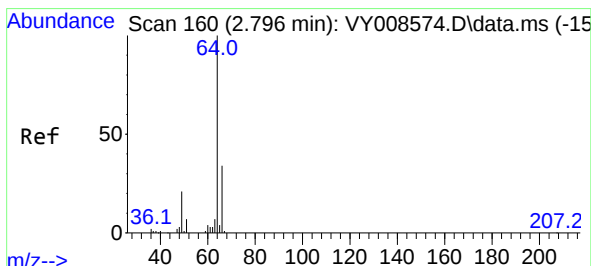
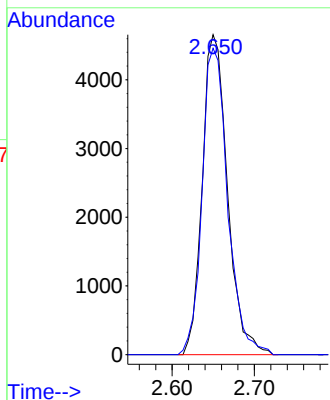
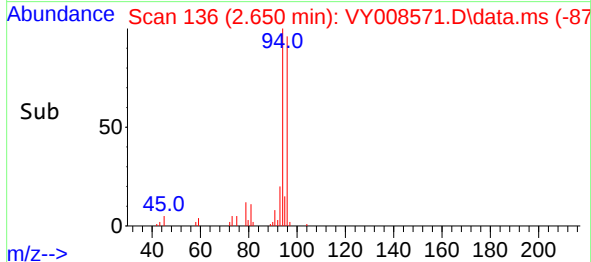
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



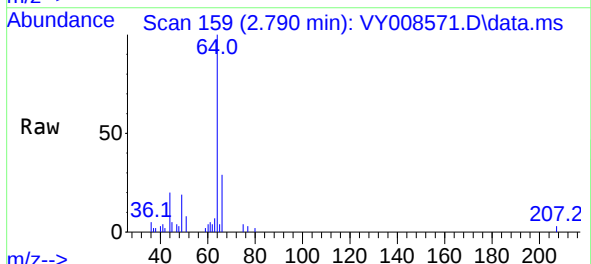
Tgt Ion: 94 Resp: 9929
Ion Ratio Lower Upper
94 100
96 95.7 73.5 110.3

Manual Integrations
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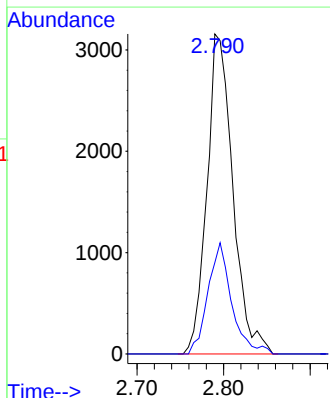
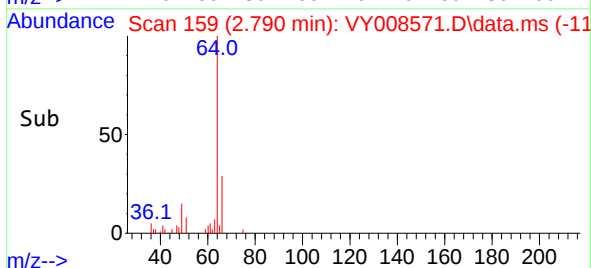
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

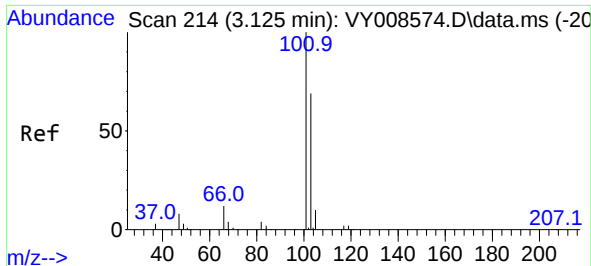


#6
Chloroethane
Concen: 5.149 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03



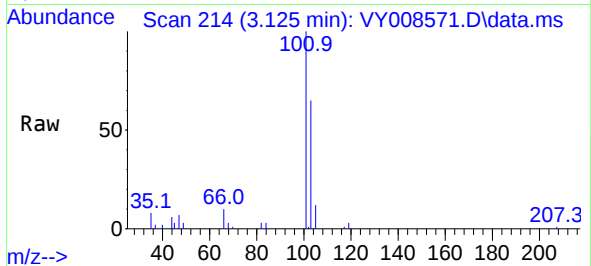
Tgt Ion: 64 Resp: 6564
Ion Ratio Lower Upper
64 100
66 28.6 25.4 38.0





#7
Trichlorofluoromethane
Concen: 5.336 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

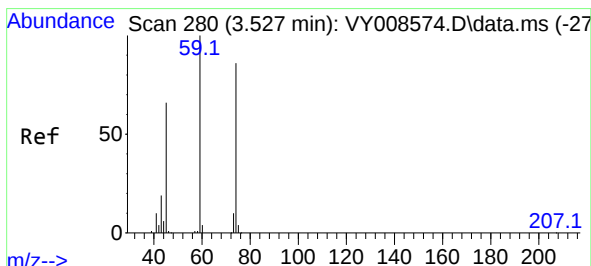
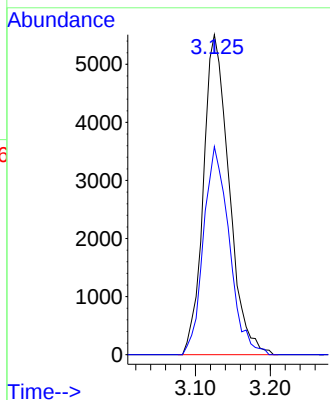
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 13140
Ion Ratio Lower Upper
101 100
103 65.0 48.0 72.0

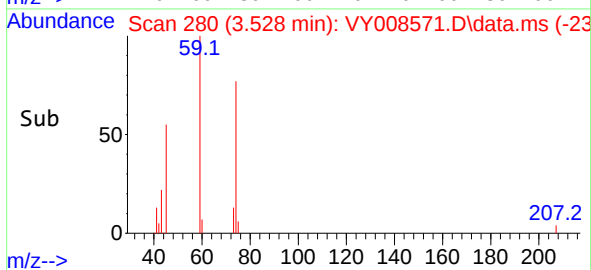
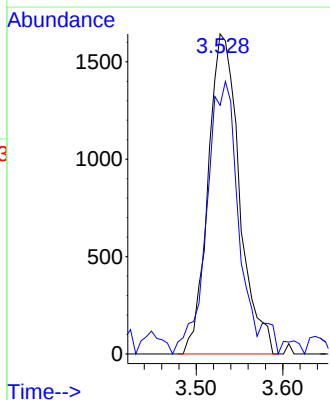
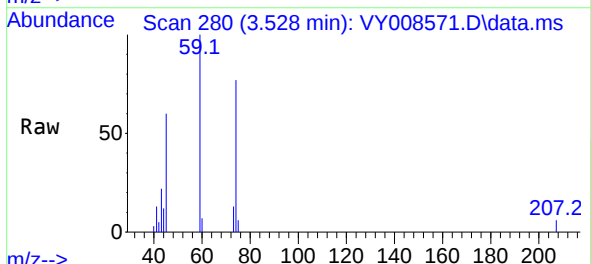
Manual Integrations
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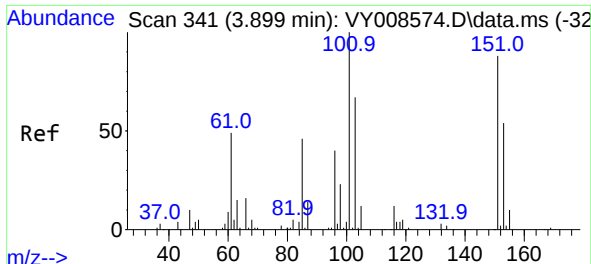
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#8
Diethyl Ether
Concen: 5.237 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 74 Resp: 4120
Ion Ratio Lower Upper
74 100
45 84.4 55.1 165.5





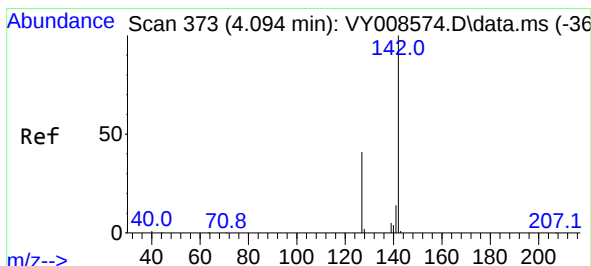
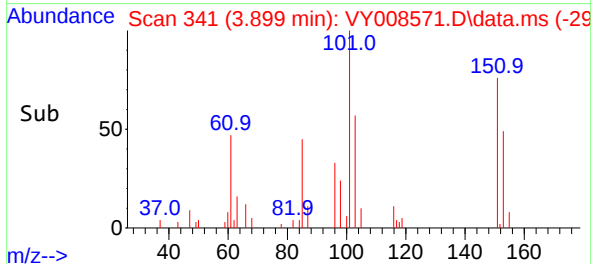
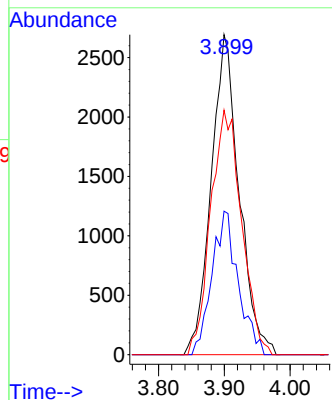
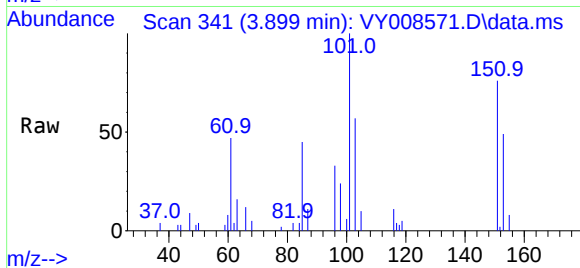
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.597 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 797
Ion Ratio Lower Upper
101 100
85 42.0 40.6 60.8
151 84.3 64.9 97.3

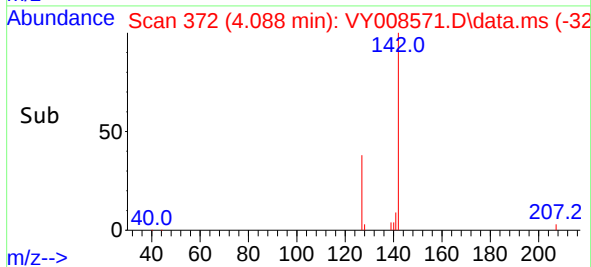
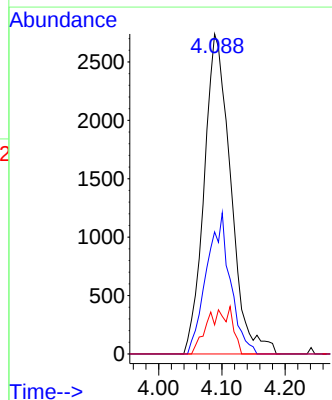
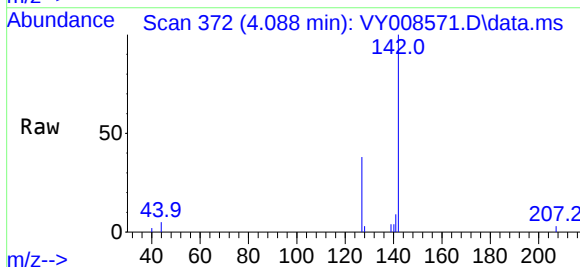
Manual Integrations
APPROVED

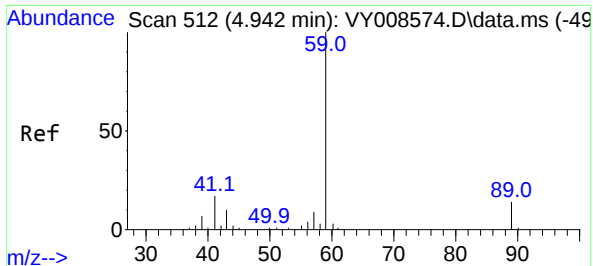
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#10
Methyl Iodide
Concen: 4.588 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

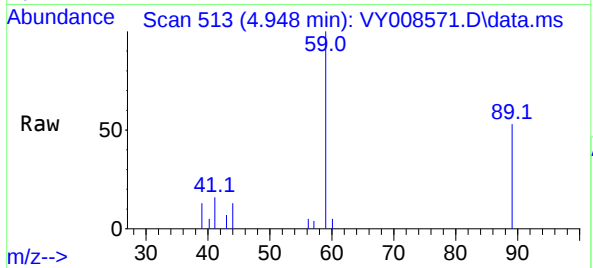
Tgt Ion:142 Resp: 8000
Ion Ratio Lower Upper
142 100
127 39.6 41.5 62.3#
141 5.7 11.9 17.9#





#11
Tert butyl alcohol
Concen: 31.971 ug/l
RT: 4.948 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

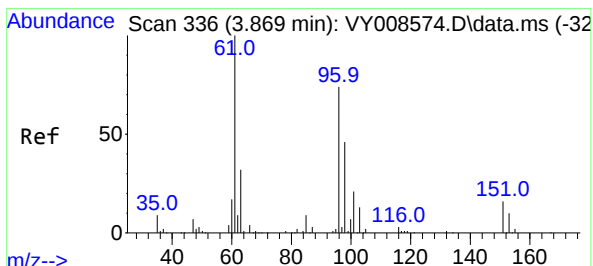
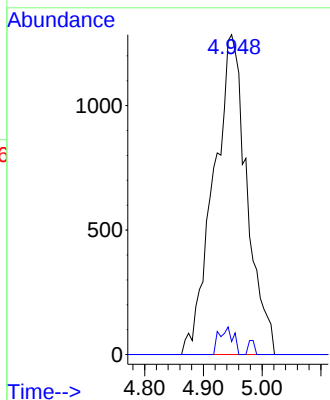
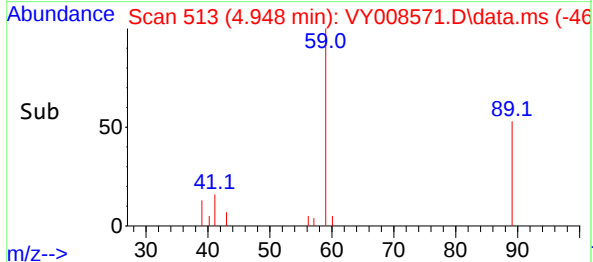
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



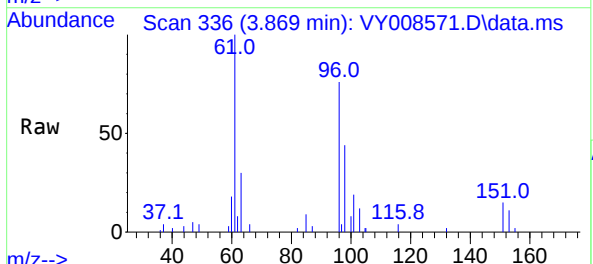
Tgt Ion: 59 Resp: 5044
Ion Ratio Lower Upper
59 100
57 3.6 6.4 9.6

Manual Integrations
APPROVED

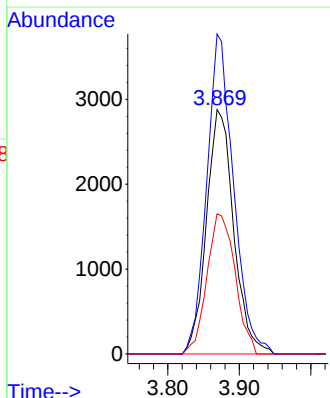
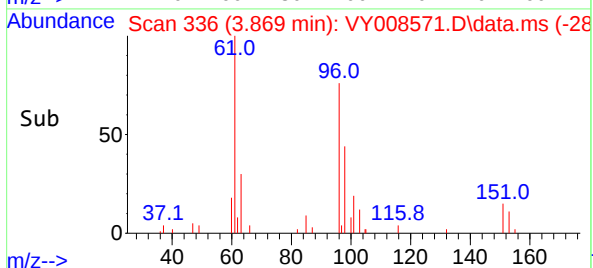
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

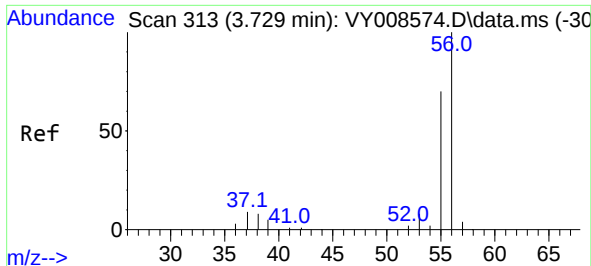


#12
1,1-Dichloroethene
Concen: 5.684 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03



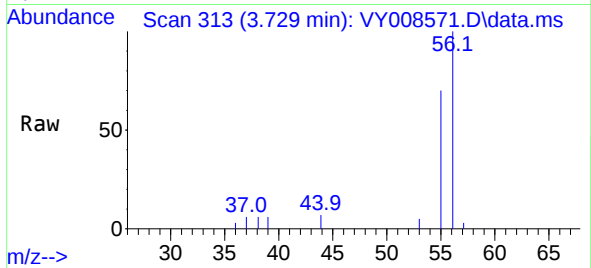
Tgt Ion: 96 Resp: 7617
Ion Ratio Lower Upper
96 100
61 131.0 145.8 218.6#
98 57.3 52.5 78.7





#13
Acrolein
Concen: 26.764 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

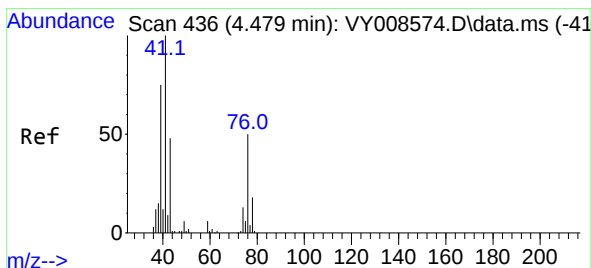
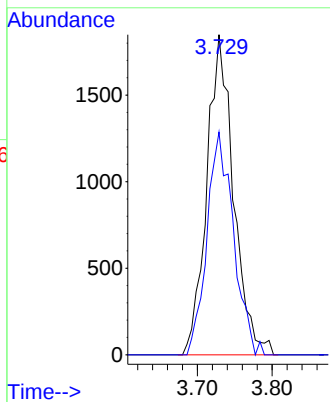
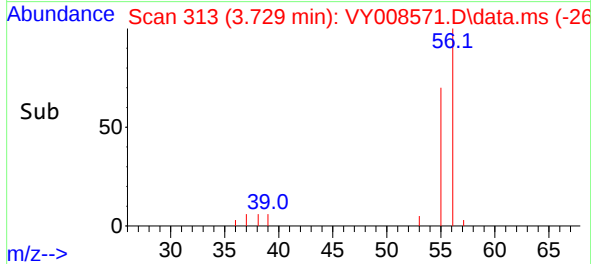
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



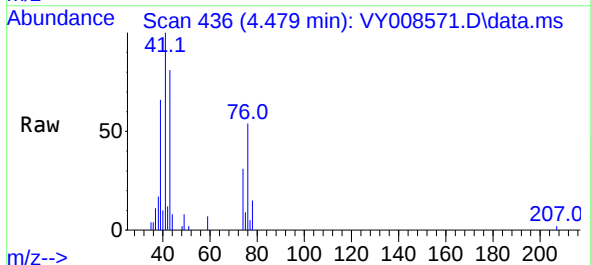
Tgt Ion: 56 Resp: 4600
Ion Ratio Lower Upper
56 100
55 68.8 57.6 86.4

Manual Integrations
APPROVED

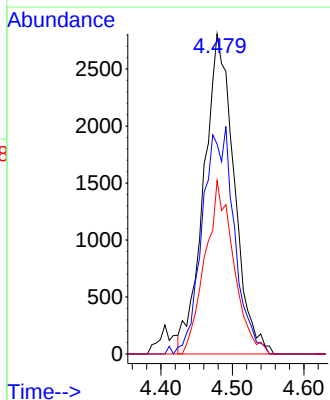
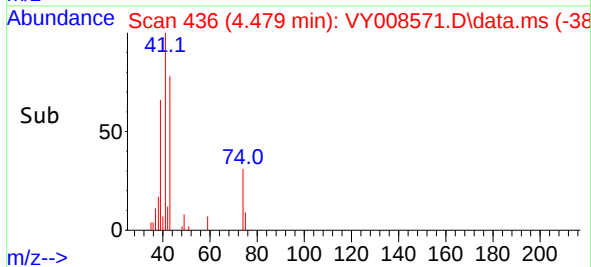
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

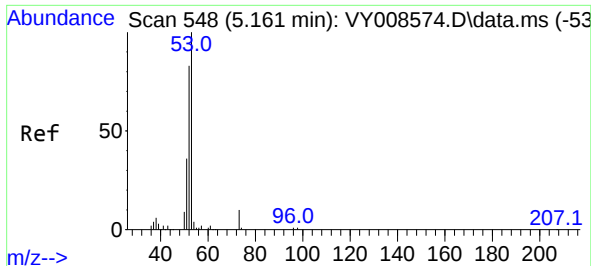


#14
Allyl chloride
Concen: 5.036 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03



Tgt Ion: 41 Resp: 8274
Ion Ratio Lower Upper
41 100
39 74.7 58.8 88.2
76 50.9 25.1 37.7





#15

Acrylonitrile

Concen: 25.199 ug/l

RT: 5.168 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY008571.D

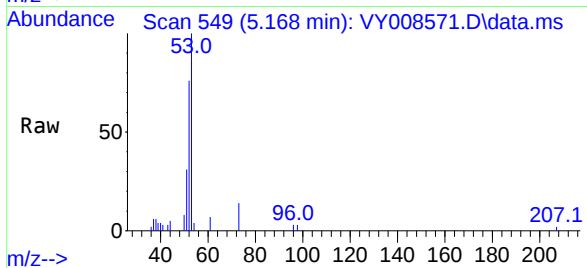
Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005



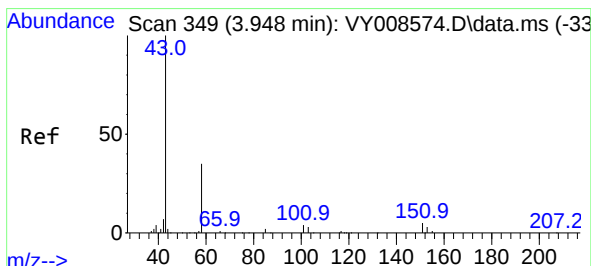
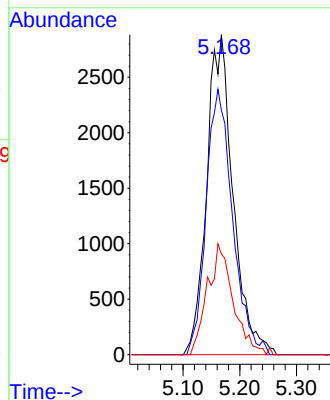
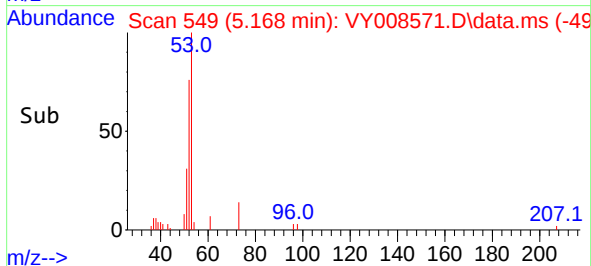
Tgt Ion:	53	Resp:	9304
Ion	Ratio	Lower	Upper
53	100		
52	83.3	67.0	100.4
51	34.0	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#16

Acetone

Concen: 26.404 ug/l

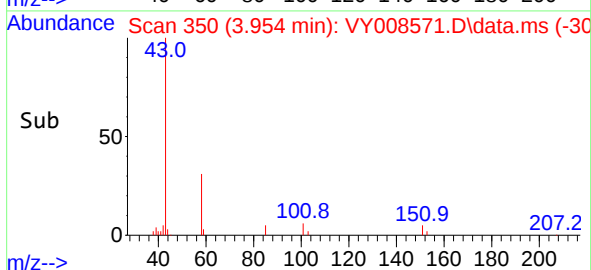
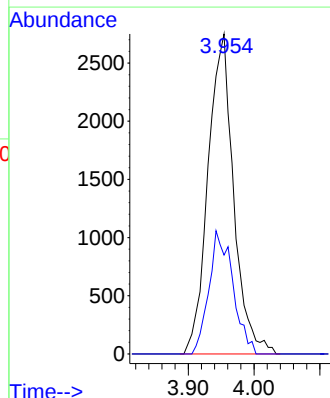
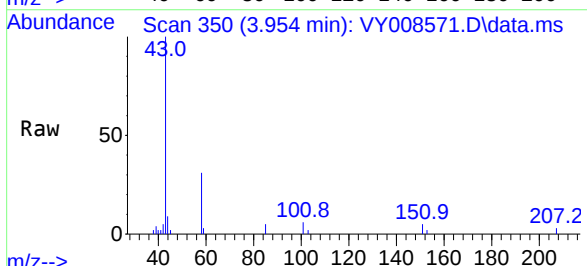
RT: 3.954 min Scan# 350

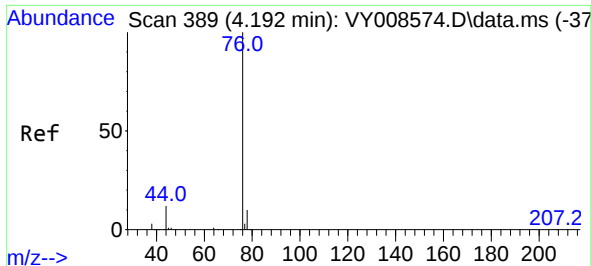
Delta R.T. 0.006 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

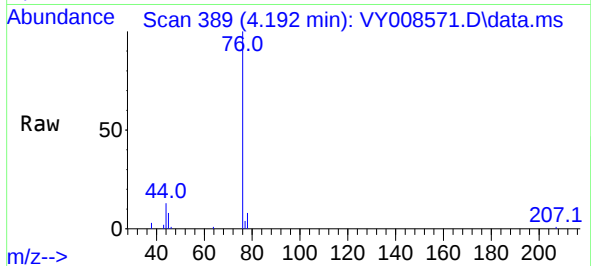
Tgt Ion:	43	Resp:	7445
Ion	Ratio	Lower	Upper
43	100		
58	30.9	22.0	33.0





#17
Carbon Disulfide
Concen: 5.135 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

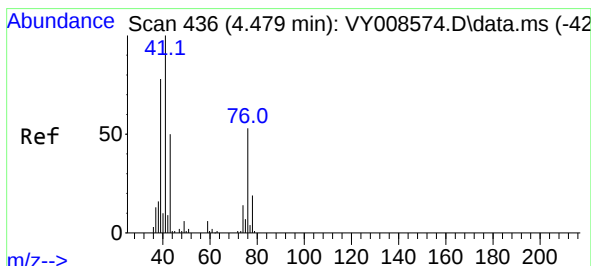
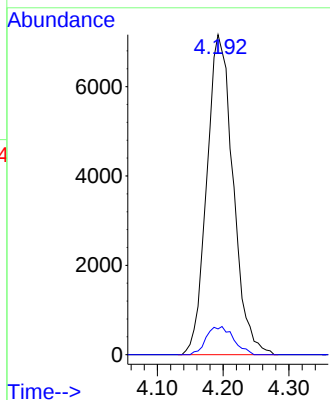
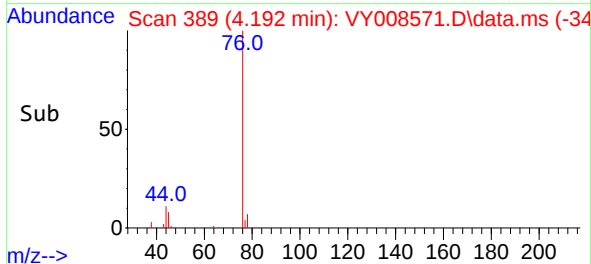
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



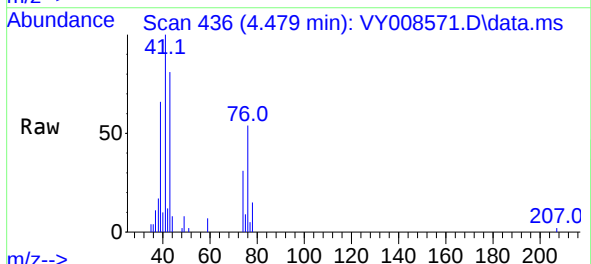
Tgt Ion: 76 Resp: 1993
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0

Manual Integrations
APPROVED

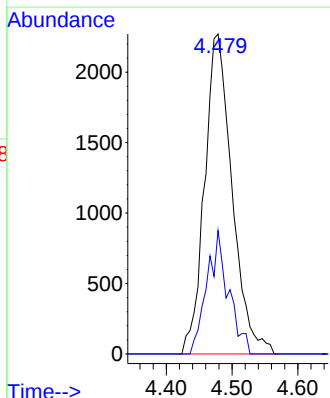
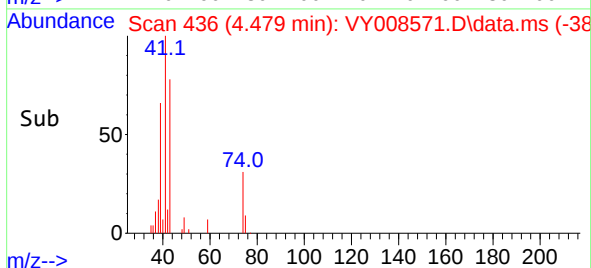
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

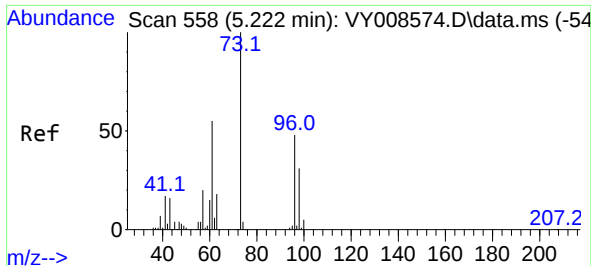


#18
Methyl Acetate
Concen: 7.340 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03



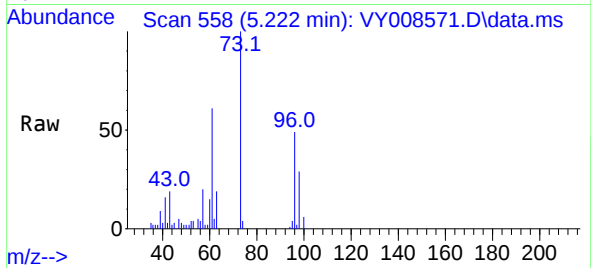
Tgt Ion: 43 Resp: 6607
Ion Ratio Lower Upper
43 100
74 30.3 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 5.172 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

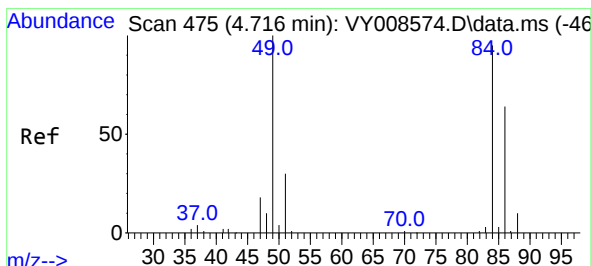
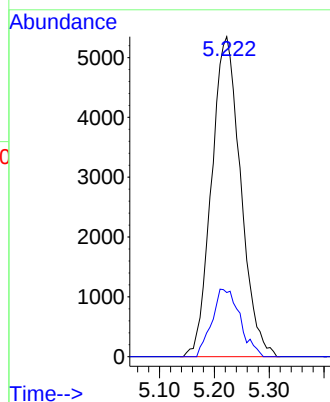
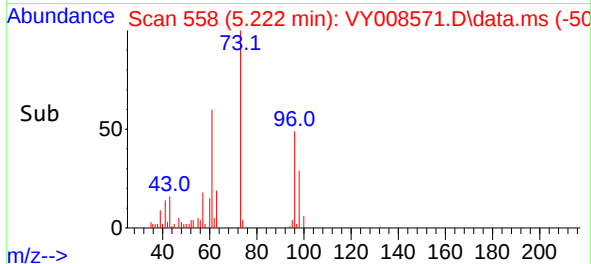
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



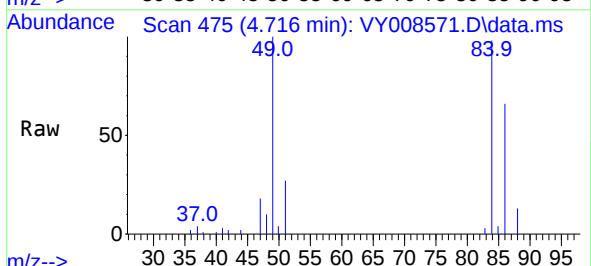
Tgt Ion: 73 Resp: 19689
Ion Ratio Lower Upper
73 100
57 20.0 18.6 27.8

Manual Integrations
APPROVED

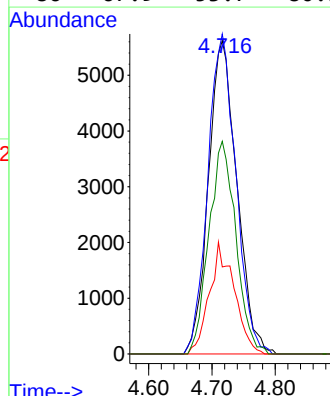
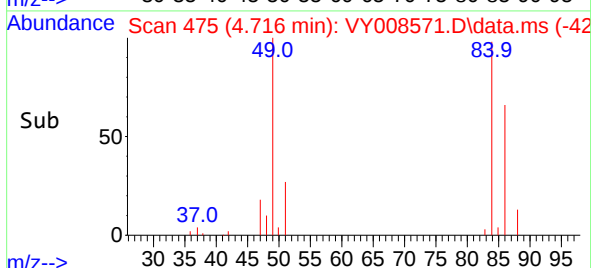
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

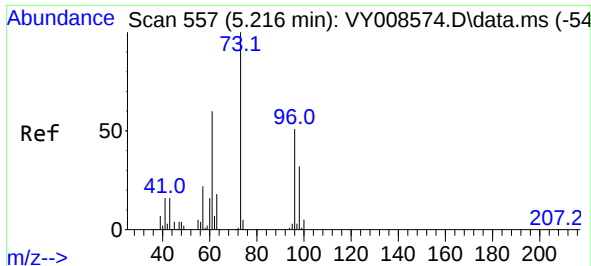


#20
Methylene Chloride
Concen: 8.560 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03



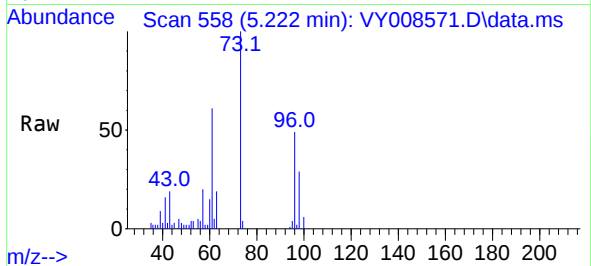
Tgt Ion: 84 Resp: 17553
Ion Ratio Lower Upper
84 100
49 102.2 114.4 171.6#
51 27.8 35.3 52.9#
86 67.9 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 5.516 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

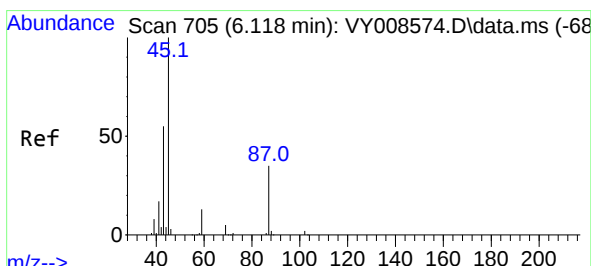
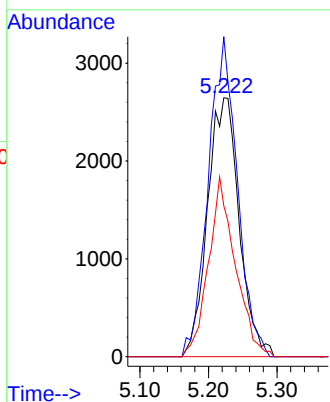
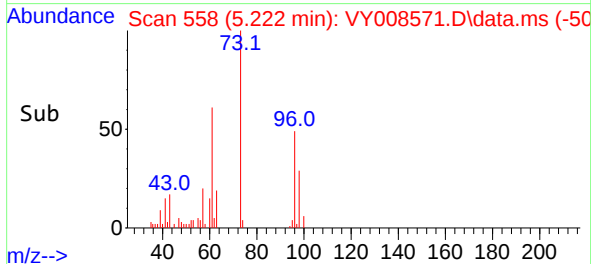
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 8470
Ion Ratio Lower Upper
96 100
61 123.6 120.5 180.7
98 58.3 49.8 74.8

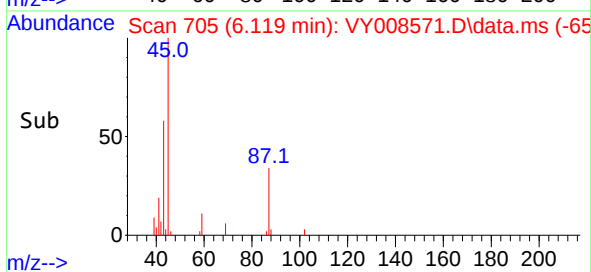
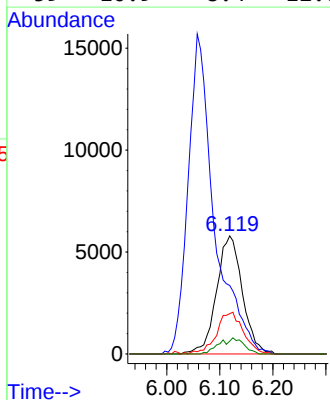
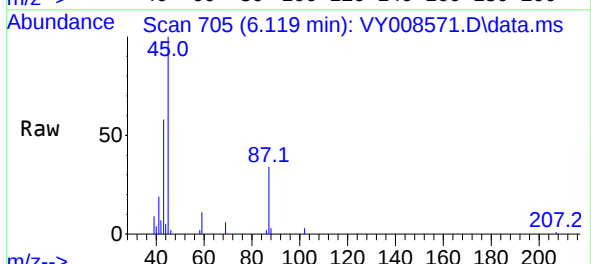
Manual Integrations
APPROVED

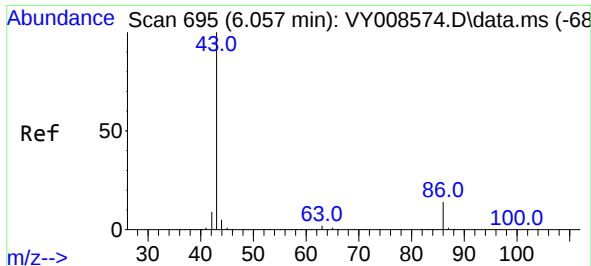
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#22
Diisopropyl ether
Concen: 5.144 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 45 Resp: 19597
Ion Ratio Lower Upper
45 100
43 58.0 49.3 73.9
87 34.1 19.2 28.8#
59 10.9 8.4 12.6





#23
 Vinyl Acetate
 Concen: 21.466 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008571.D
 Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

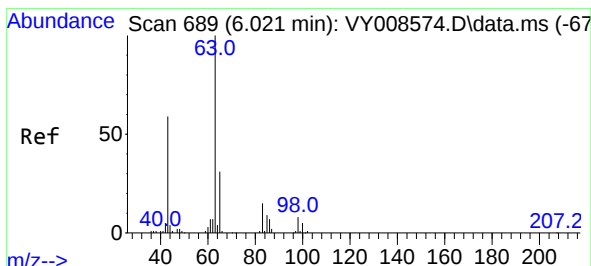
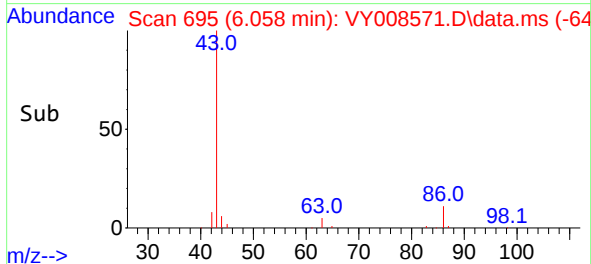
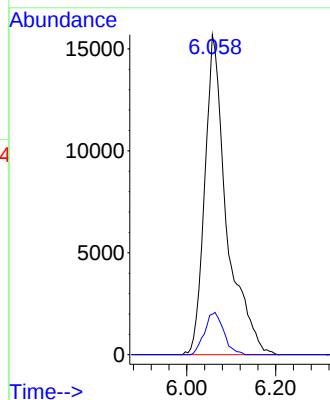
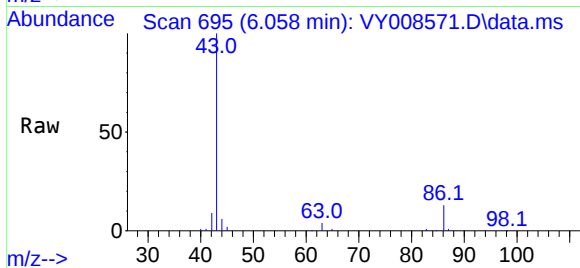
VSTDICC005

Tgt Ion: 43 Resp: 5387
 Ion Ratio Lower Upper
 43 100
 86 12.7 7.1 10.7

Manual Integrations

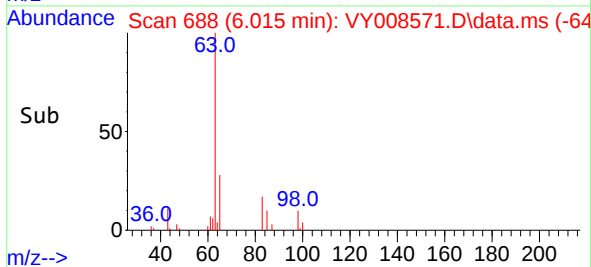
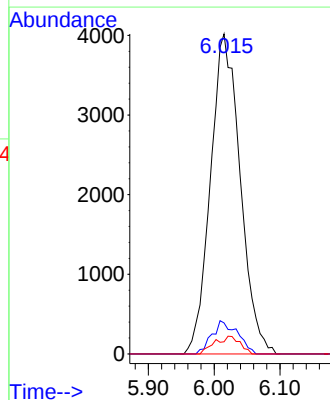
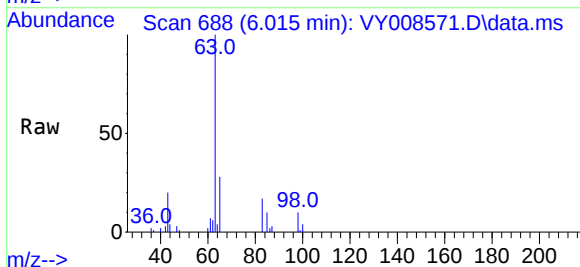
APPROVED

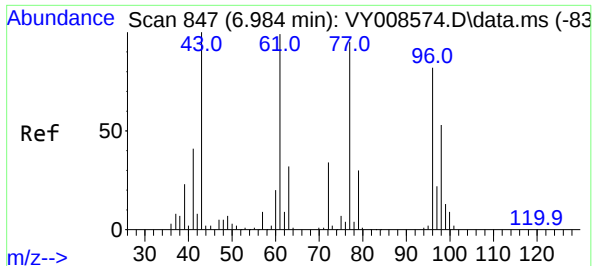
Reviewed By :John Carlone 05/03/2022
 Supervised By :Mahesh Dadoda 05/03/2022



#24
 1,1-Dichloroethane
 Concen: 5.267 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008571.D
 Acq: 02 May 2022 15:03

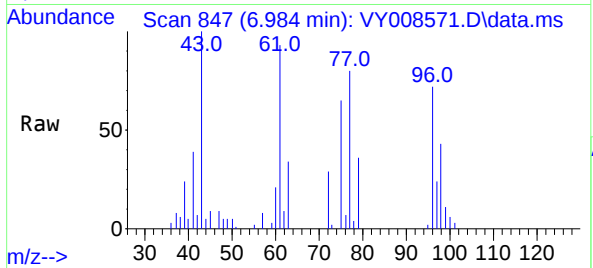
Tgt Ion: 63 Resp: 12626
 Ion Ratio Lower Upper
 63 100
 98 9.7 3.6 10.8
 100 3.8 2.0 5.8





#25
2-Butanone
Concen: 25.165 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

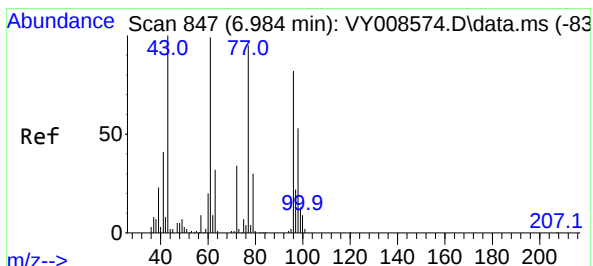
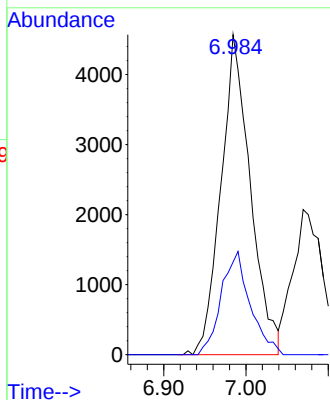
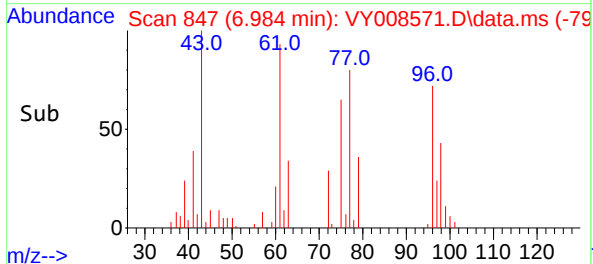
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



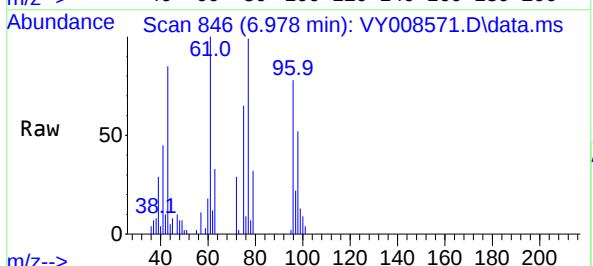
Tgt Ion: 43 Resp: 11389
Ion Ratio Lower Upper
43 100
72 29.0 17.7 26.5

Manual Integrations
APPROVED

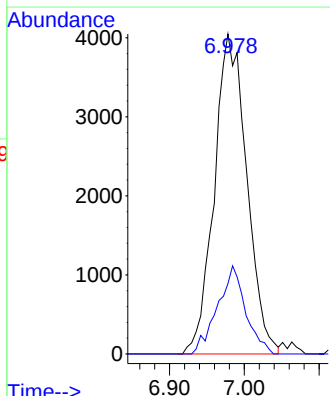
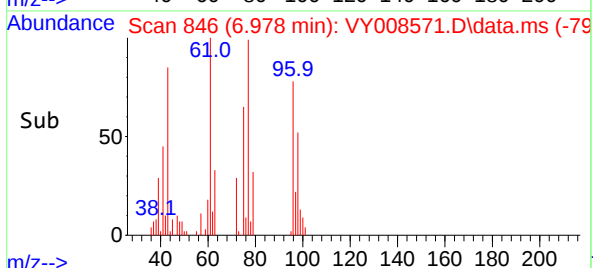
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

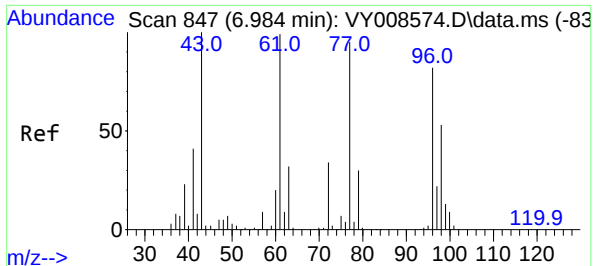


#26
2,2-Dichloropropane
Concen: 5.303 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03



Tgt Ion: 77 Resp: 12238
Ion Ratio Lower Upper
77 100
97 23.8 10.4 31.4





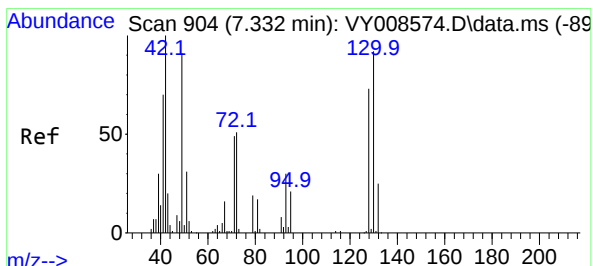
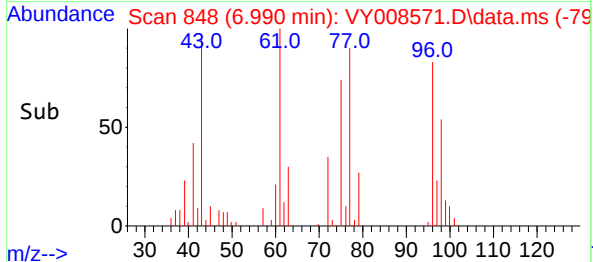
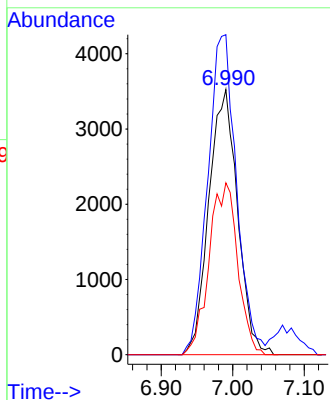
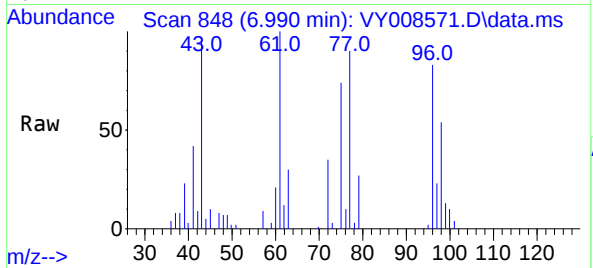
#27
cis-1,2-Dichloroethene
Concen: 5.592 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 982
Ion Ratio Lower Upper
96 100
61 121.1 0.0 319.8
98 64.6 0.0 127.0

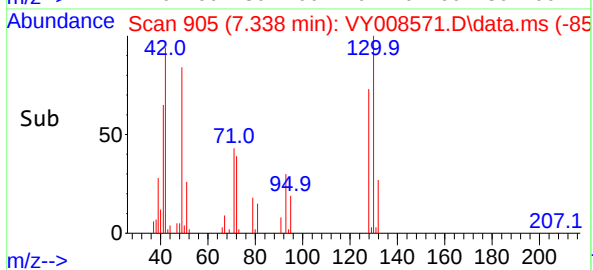
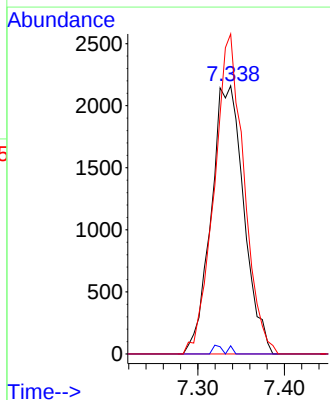
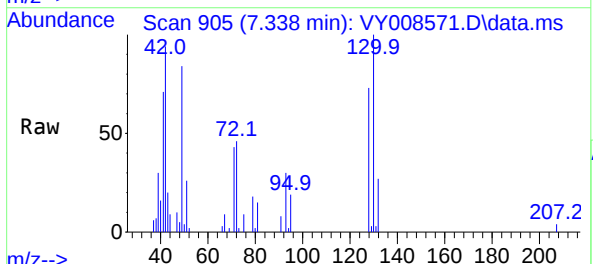
Manual Integrations
APPROVED

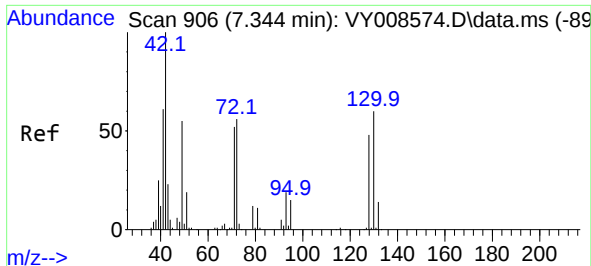
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#28
Bromochloromethane
Concen: 6.161 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 49 Resp: 5677
Ion Ratio Lower Upper
49 100
129 1.3 0.0 2.2
130 108.6 55.4 83.0#





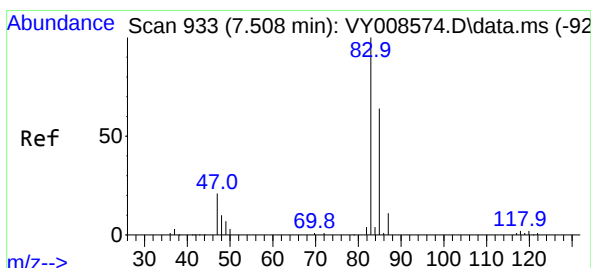
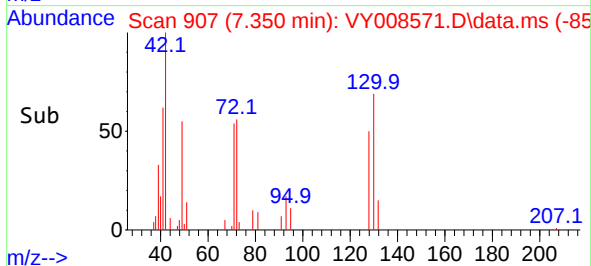
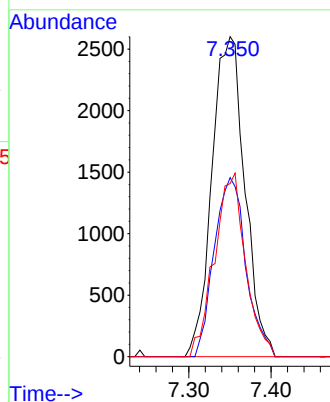
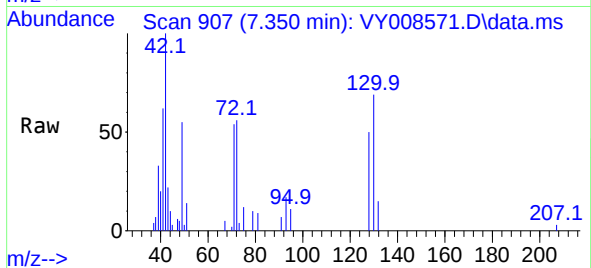
#29
Tetrahydrofuran
Concen: 24.127 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 7229
Ion Ratio Lower Upper
42 100
72 54.0 30.3 45.5
71 54.3 29.0 43.4

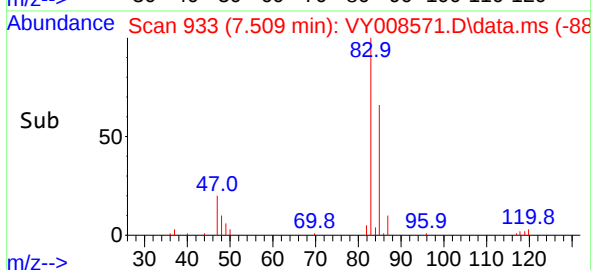
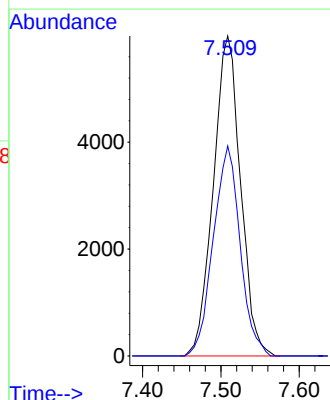
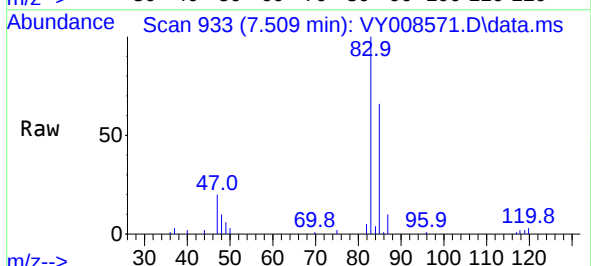
Manual Integrations
APPROVED

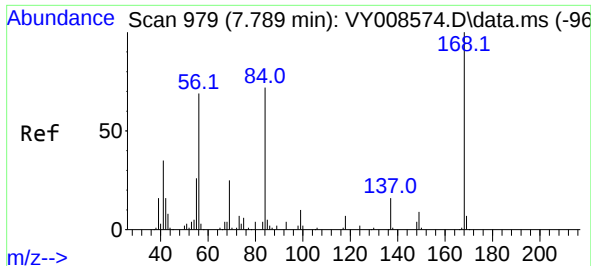
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#30
Chloroform
Concen: 5.379 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

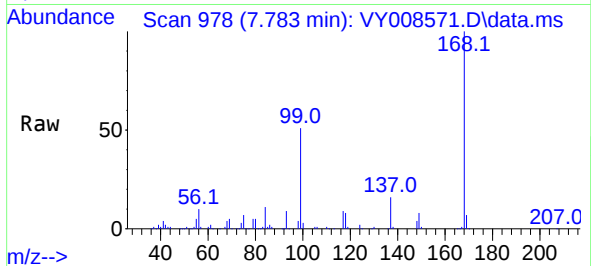
Tgt Ion: 83 Resp: 14459
Ion Ratio Lower Upper
83 100
85 65.6 51.8 77.6





#31
Cyclohexane
Concen: 5.510 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

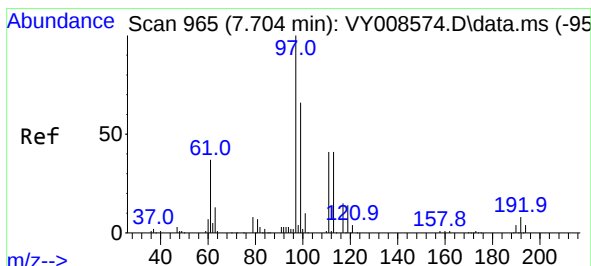
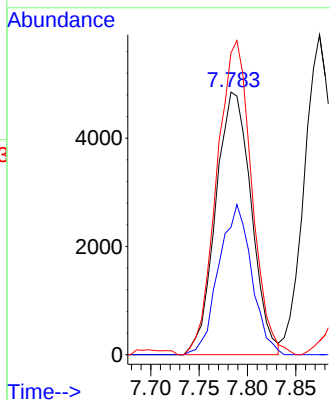
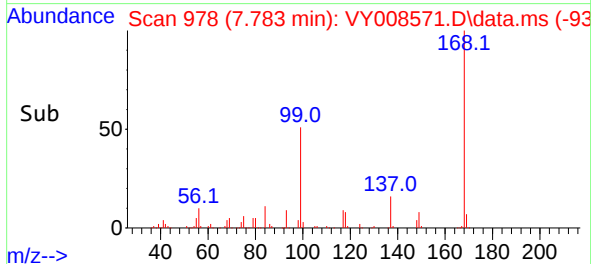
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



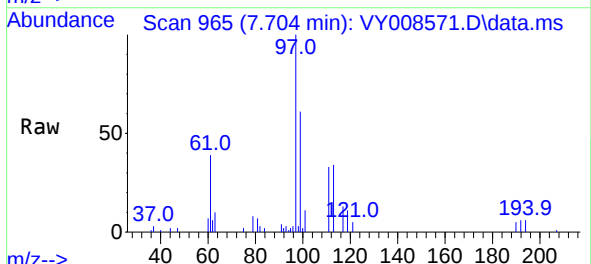
Tgt Ion: 56 Resp: 1239
Ion Ratio Lower Upper
56 100
69 48.6 26.7 40.1
84 115.0 67.2 100.8

Manual Integrations
APPROVED

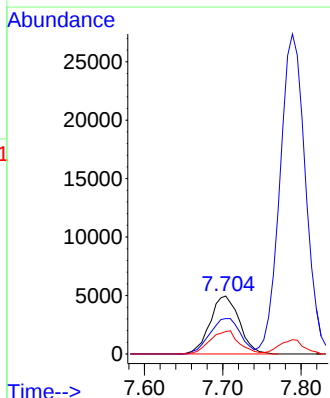
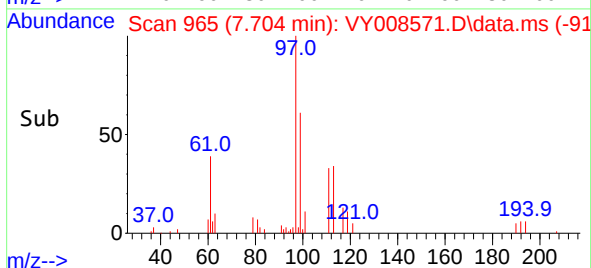
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

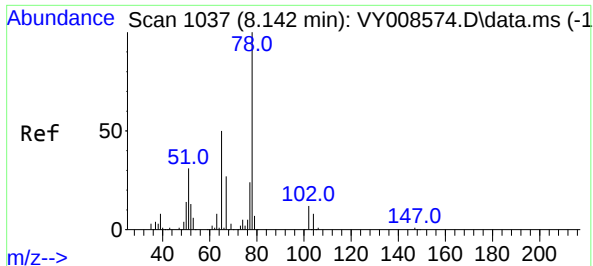


#32
1,1,1-Trichloroethane
Concen: 5.229 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03



Tgt Ion: 97 Resp: 12820
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 39.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 5.293 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 6820

Ion Ratio Lower Upper

65 100

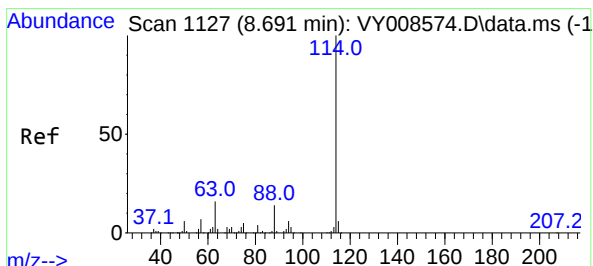
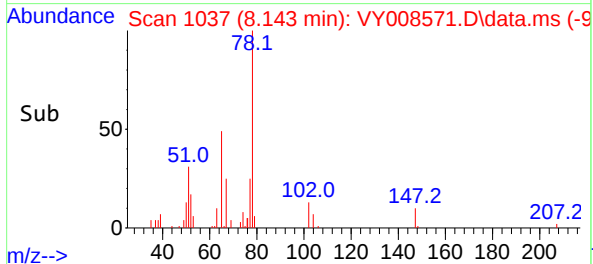
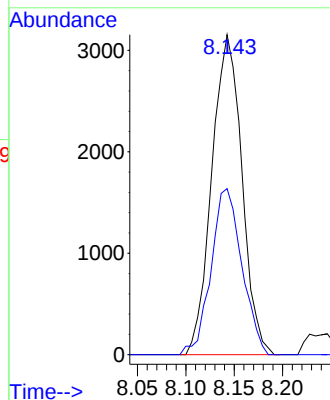
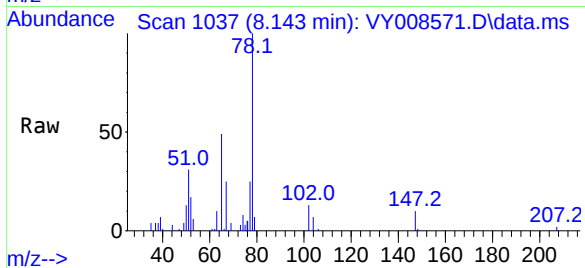
67 53.1 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

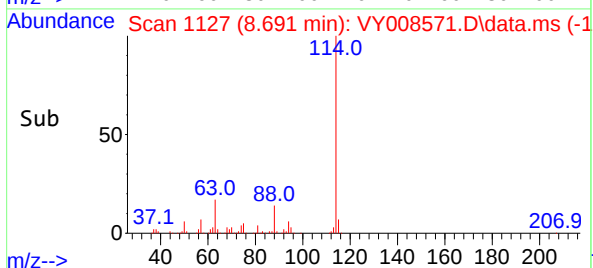
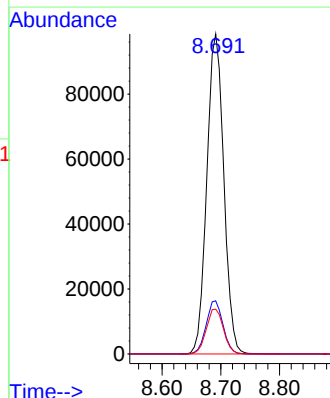
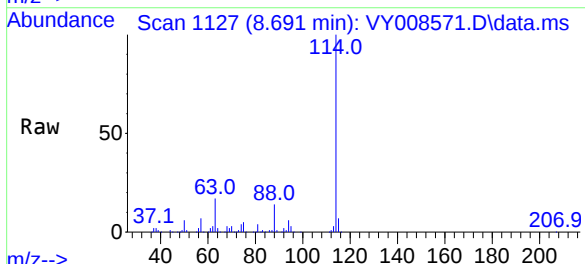
Tgt Ion:114 Resp: 197374

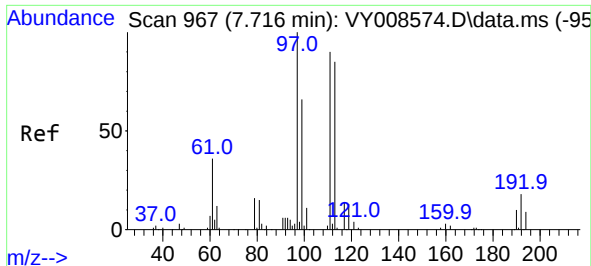
Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 14.0 0.0 31.8





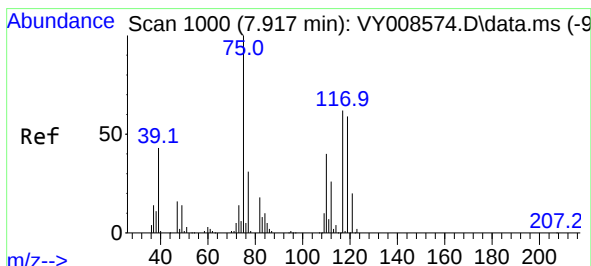
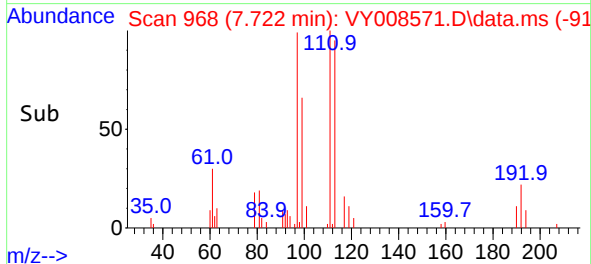
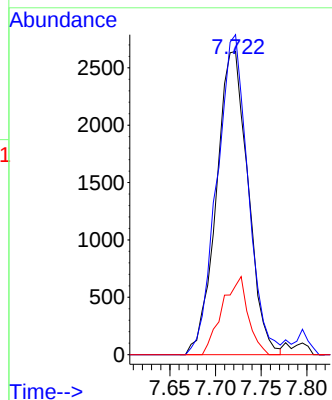
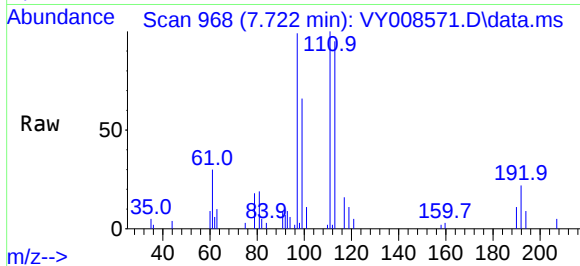
#35
Dibromofluoromethane
Concen: 4.854 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 113 Resp: 638
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 21.0 17.6 26.4

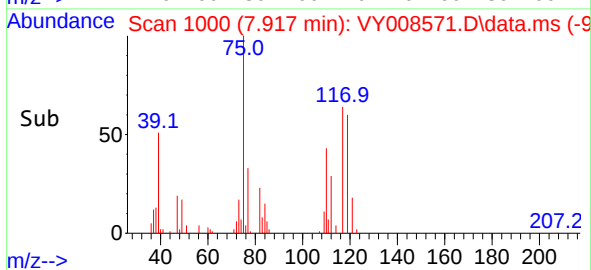
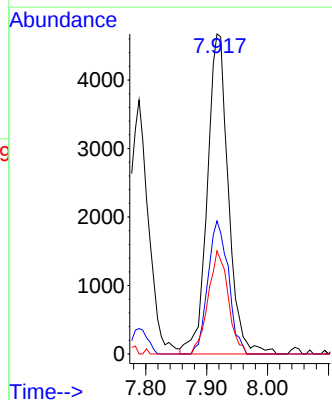
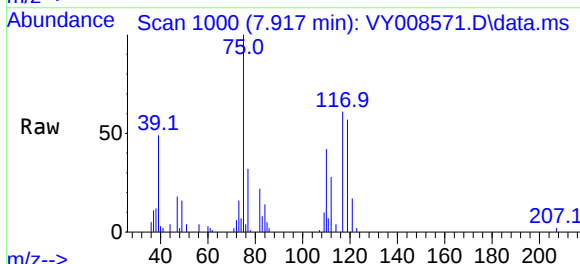
Manual Integrations
APPROVED

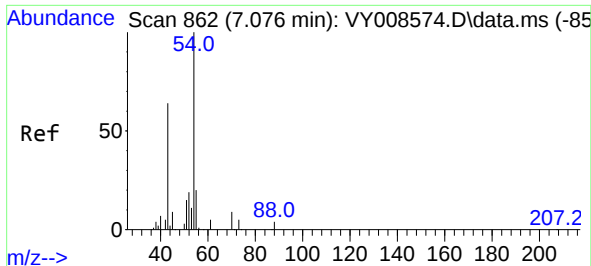
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#36
1,1-Dichloropropene
Concen: 5.558 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

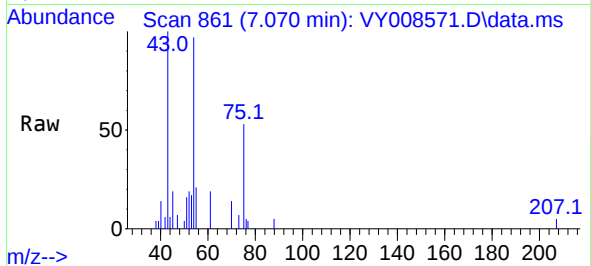
Tgt Ion: 75 Resp: 11239
Ion Ratio Lower Upper
75 100
110 40.2 17.1 51.2
77 30.5 24.4 36.6





#37
Ethyl Acetate
Concen: 5.221 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

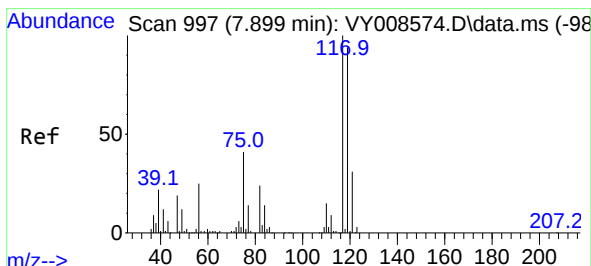
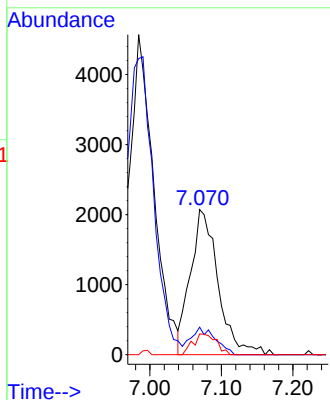
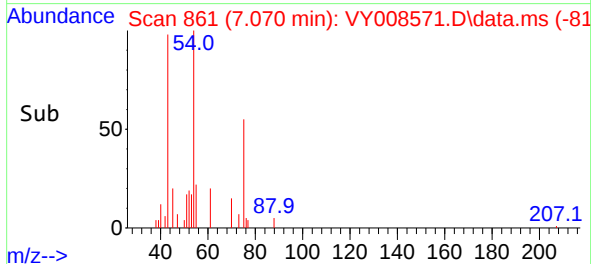
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 5584
Ion Ratio Lower Upper
43 100
61 16.6 9.7 14.5
70 12.0 7.1 10.7

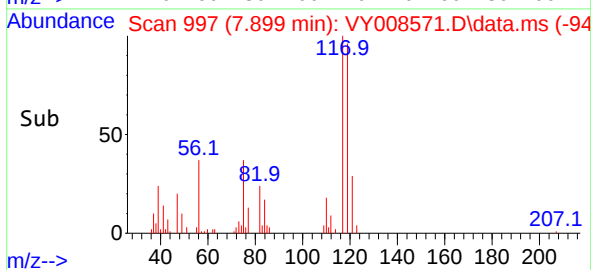
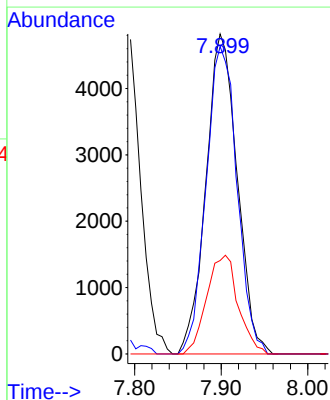
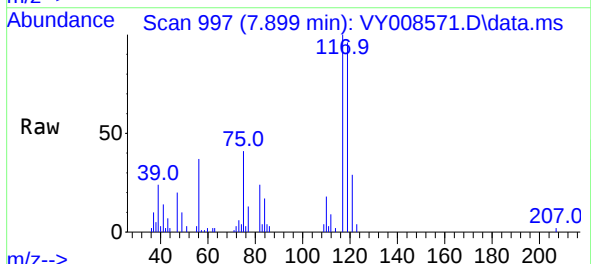
Manual Integrations
APPROVED

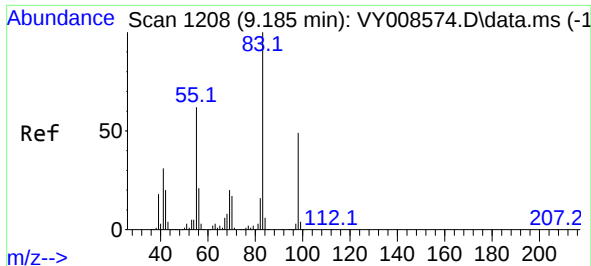
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#38
Carbon Tetrachloride
Concen: 5.329 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion:117 Resp: 12106
Ion Ratio Lower Upper
117 100
119 96.1 77.9 116.9
121 29.2 24.8 37.2





#39

Methylcyclohexane

Concen: 5.262 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 1399

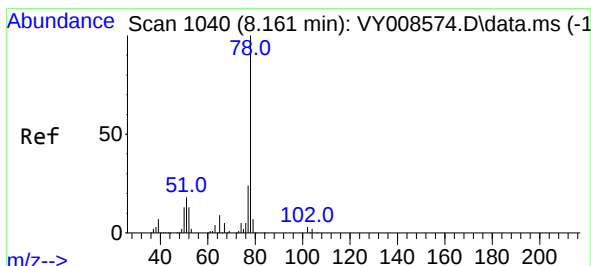
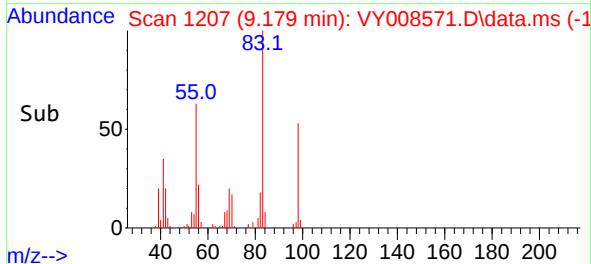
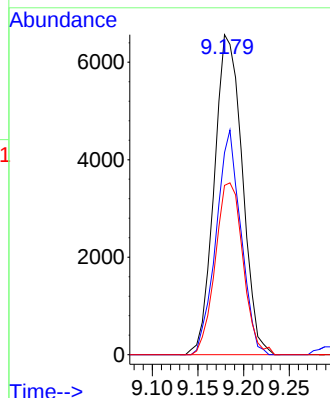
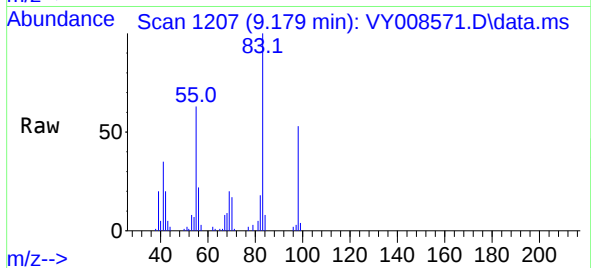
Ion	Ratio	Lower	Upper
83	100		
55	63.2	66.5	99.7
98	52.9	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#40

Benzene

Concen: 5.317 ug/l

RT: 8.167 min Scan# 1041

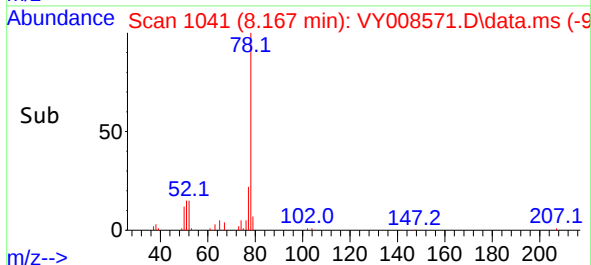
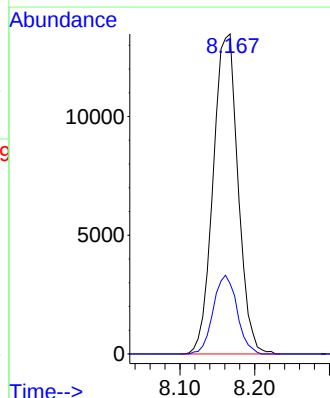
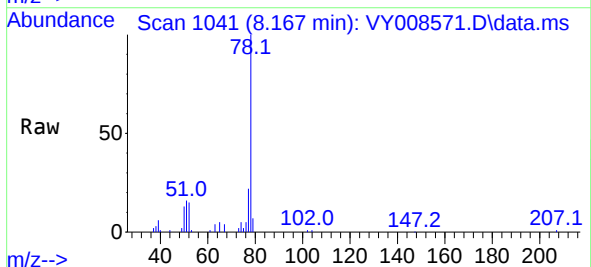
Delta R.T. 0.006 min

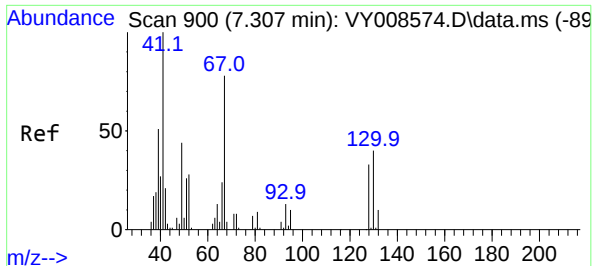
Lab File: VY008571.D

Acq: 02 May 2022 15:03

Tgt Ion: 78 Resp: 31201

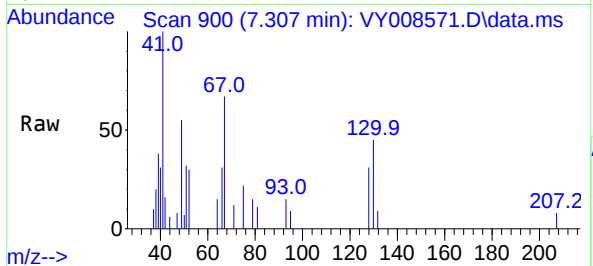
Ion	Ratio	Lower	Upper
78	100		
77	22.0	20.4	30.6





#41
Methacrylonitrile
Concen: 4.425 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

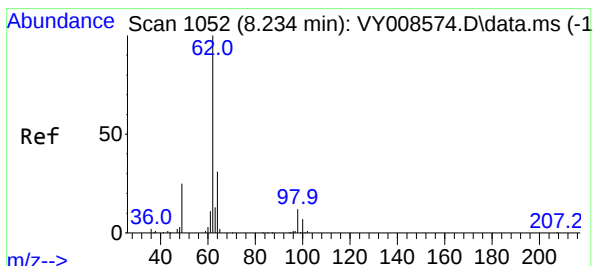
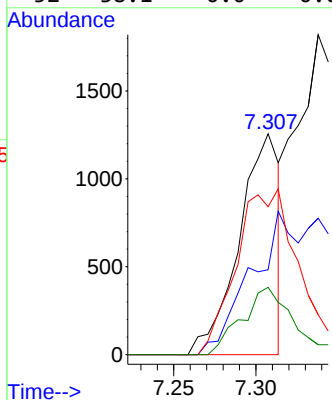
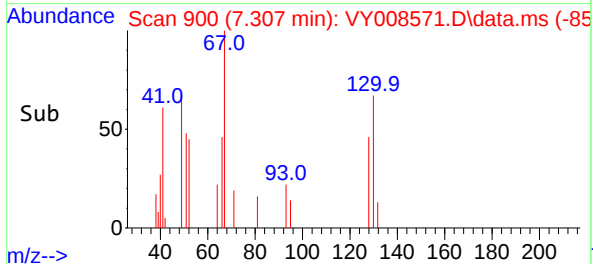
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



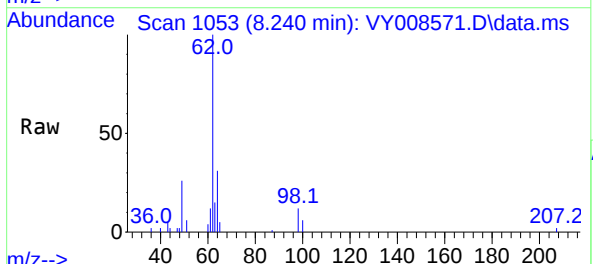
Tgt Ion: 41 Resp: 2148
Ion Ratio Lower Upper
41 100
39 73.3 92.9 139.3
67 115.2 0.0 0.0
52 38.1 0.0 0.0

Manual Integrations
APPROVED

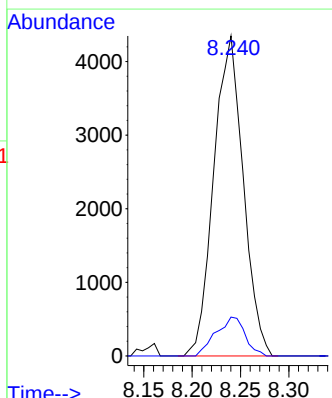
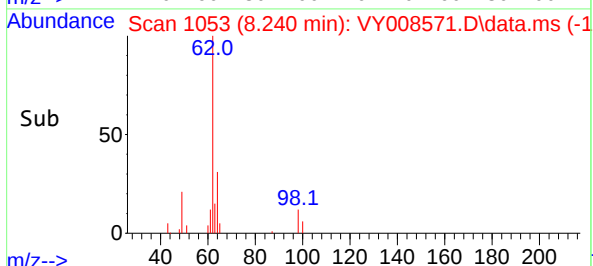
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

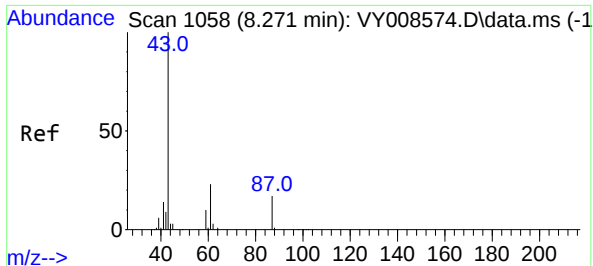


#42
1,2-Dichloroethane
Concen: 5.331 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03



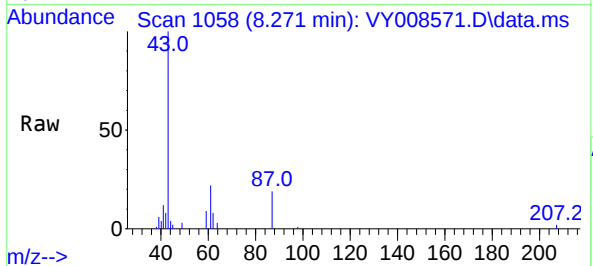
Tgt Ion: 62 Resp: 9204
Ion Ratio Lower Upper
62 100
98 12.0 0.0 14.8





#43
Isopropyl Acetate
Concen: 4.929 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

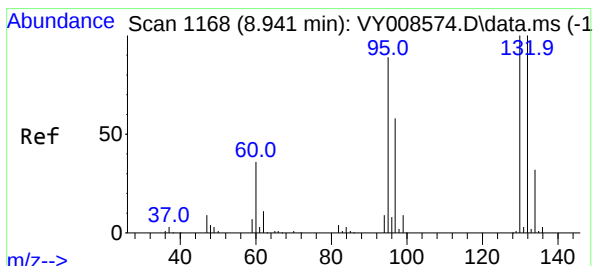
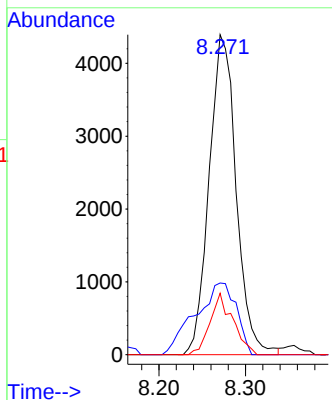
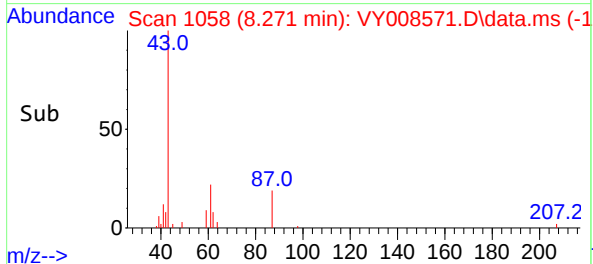
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



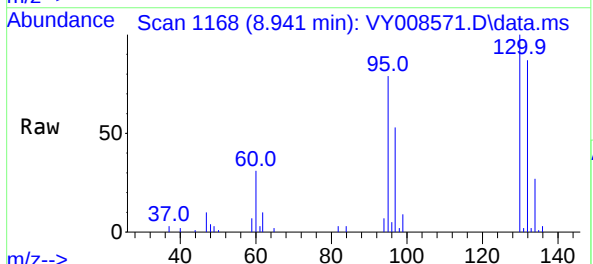
Tgt Ion: 43 Resp: 9534
Ion Ratio Lower Upper
43 100
61 34.0 20.2 30.2
87 16.3 8.9 13.3

Manual Integrations
APPROVED

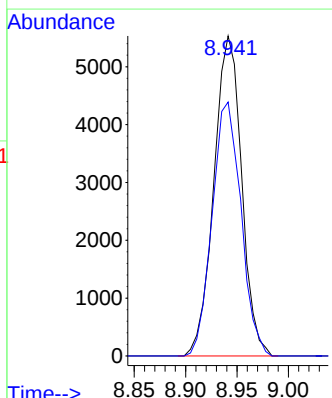
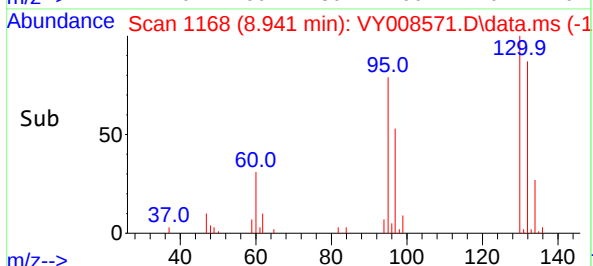
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

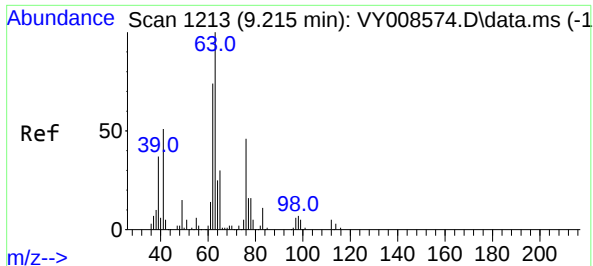


#44
Trichloroethene
Concen: 5.808 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03



Tgt Ion:130 Resp: 10373
Ion Ratio Lower Upper
130 100
95 79.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 5.089 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 7059

Ion Ratio Lower Upper

63 100

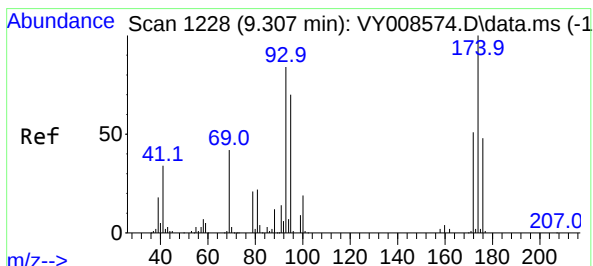
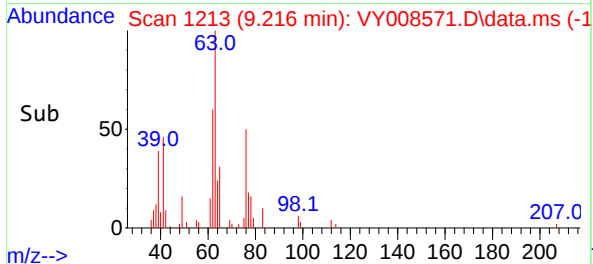
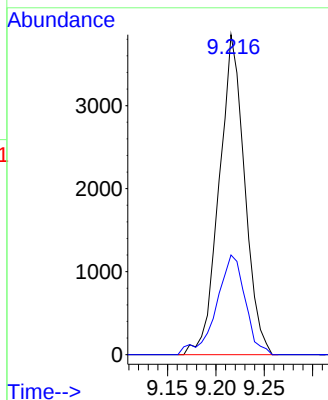
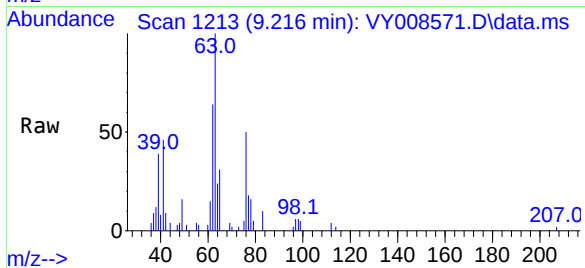
65 31.1 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#46

Dibromomethane

Concen: 5.642 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

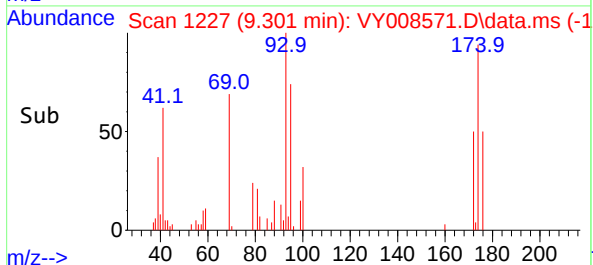
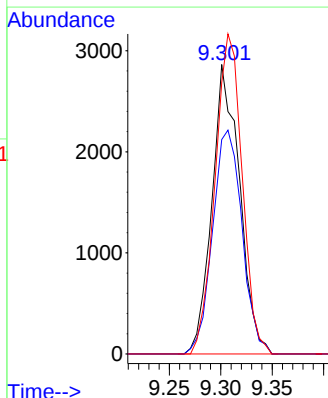
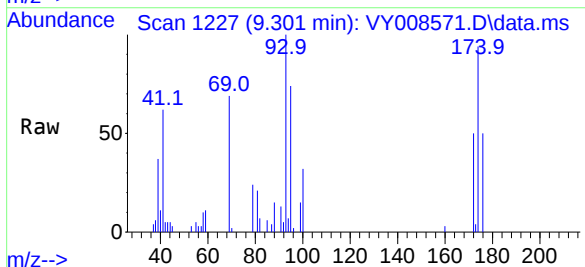
Tgt Ion: 93 Resp: 5342

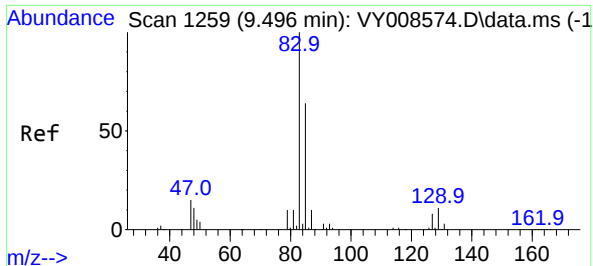
Ion Ratio Lower Upper

93 100

95 82.6 64.3 96.5

174 108.6 83.4 125.0





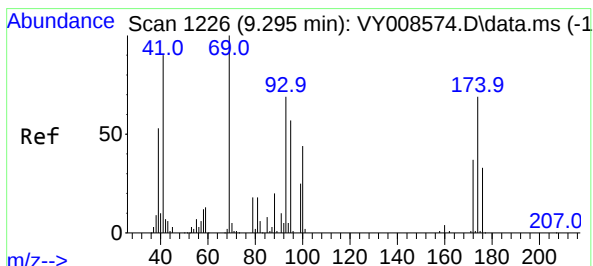
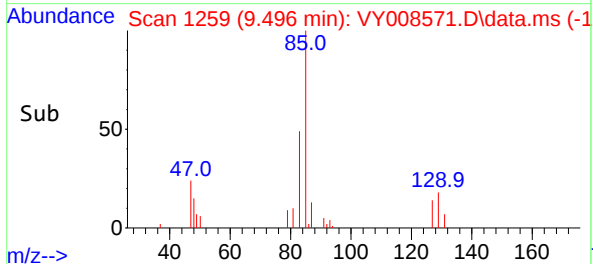
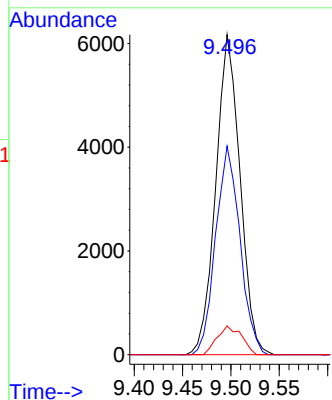
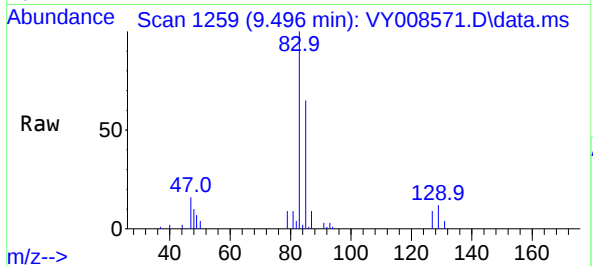
#47
Bromodichloromethane
Concen: 5.125 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1075
Ion Ratio Lower Upper
83 100
85 65.1 51.9 77.9
127 9.0 6.6 10.0

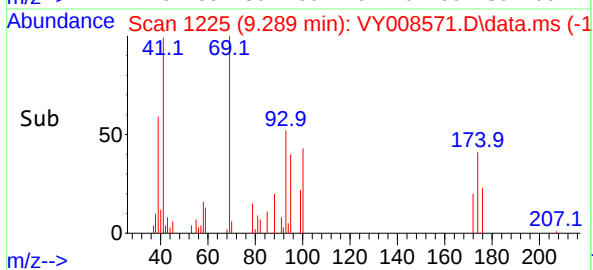
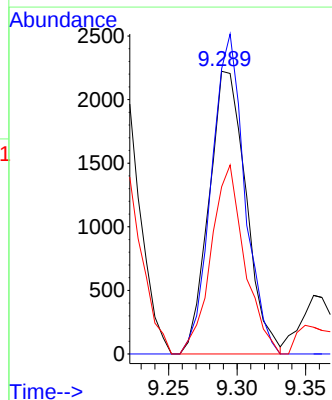
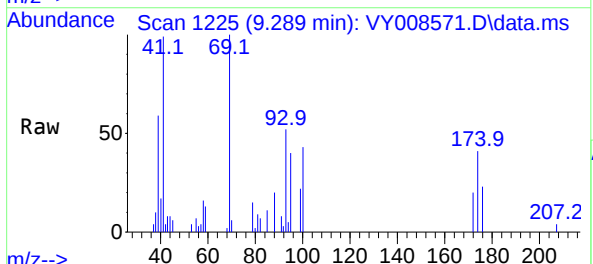
Manual Integrations
APPROVED

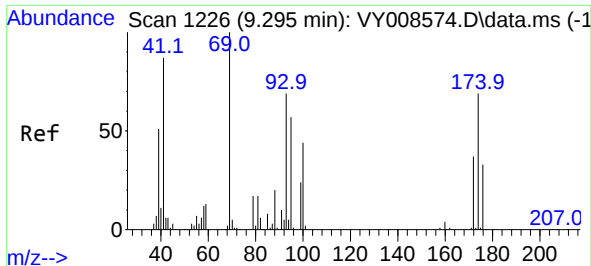
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#48
Methyl methacrylate
Concen: 4.938 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 41 Resp: 4182
Ion Ratio Lower Upper
41 100
69 101.2 58.2 87.2#
39 60.5 47.4 71.0





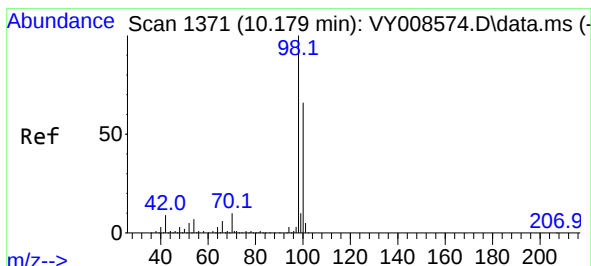
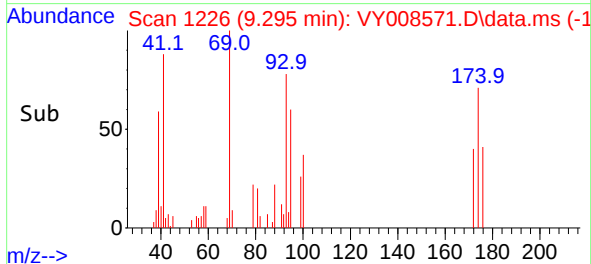
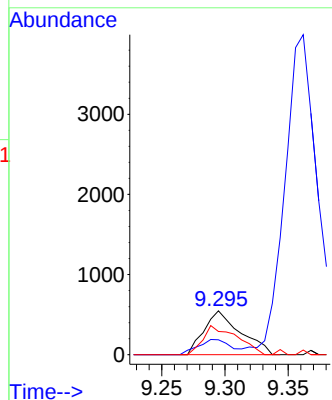
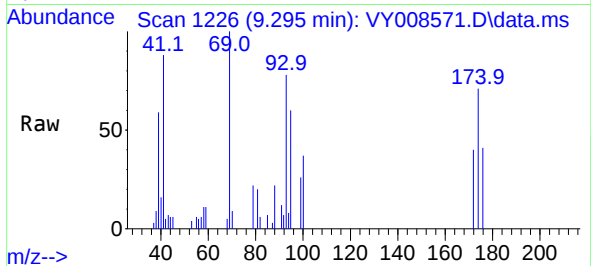
#49
1,4-Dioxane
Concen: 87.615 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 109
Ion Ratio Lower Upper
88 100
43 31.3 32.8 49.2
58 62.1 59.8 89.6

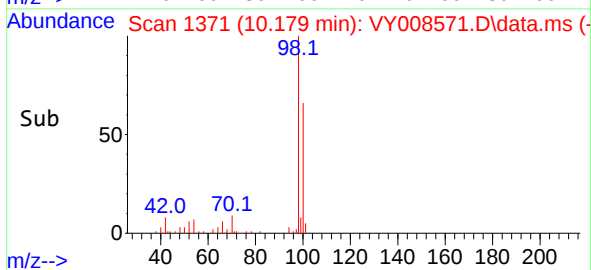
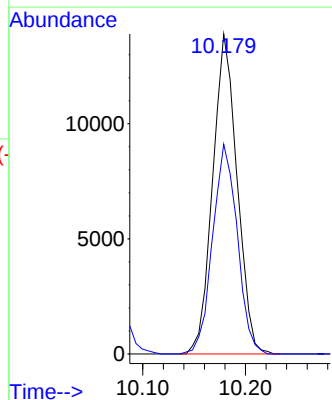
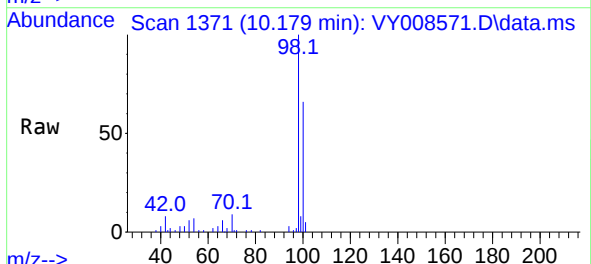
Manual Integrations
APPROVED

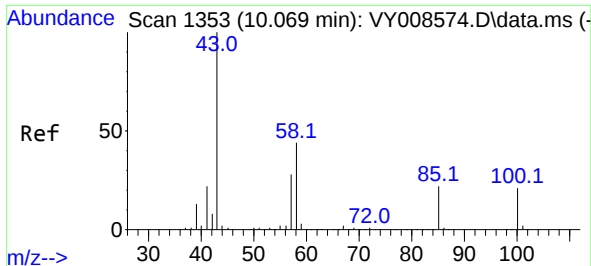
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#50
Toluene-d8
Concen: 4.897 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 98 Resp: 22887
Ion Ratio Lower Upper
98 100
100 66.4 50.2 75.2





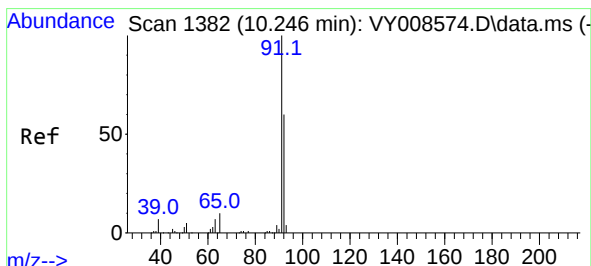
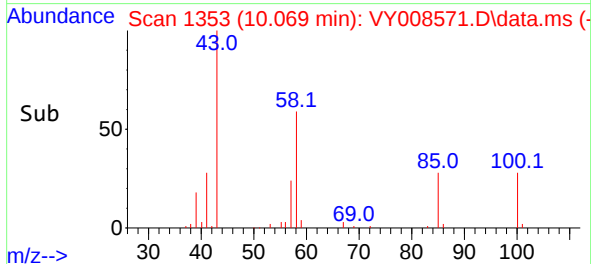
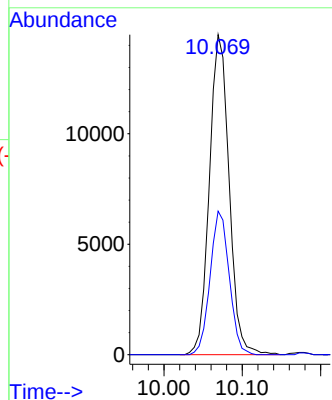
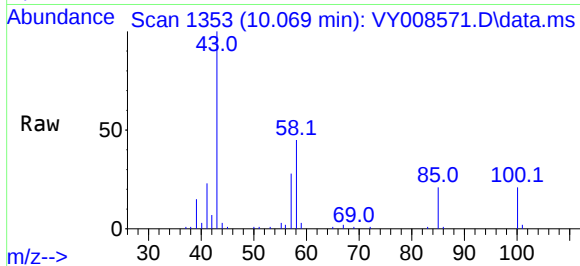
#51
4-Methyl-2-Pentanone
Concen: 24.946 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 25314
Ion Ratio Lower Upper
43 100
58 43.5 28.1 42.1

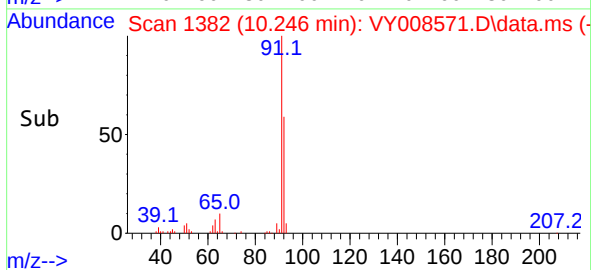
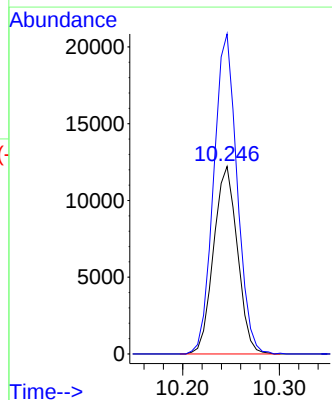
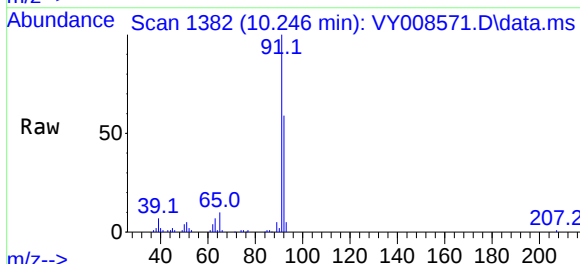
Manual Integrations
APPROVED

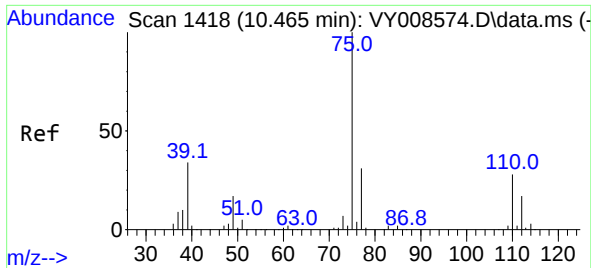
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#52
Toluene
Concen: 5.342 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

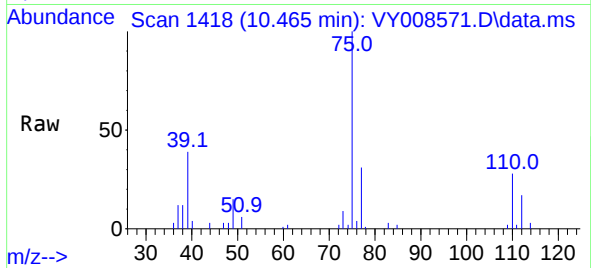
Tgt Ion: 92 Resp: 20845
Ion Ratio Lower Upper
92 100
91 168.0 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 4.971 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

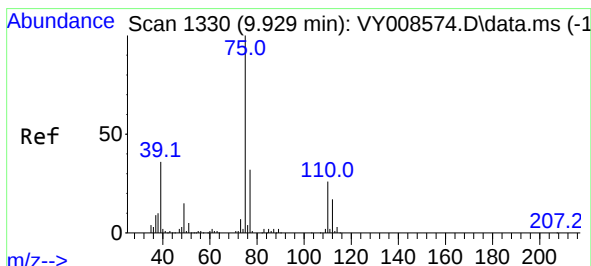
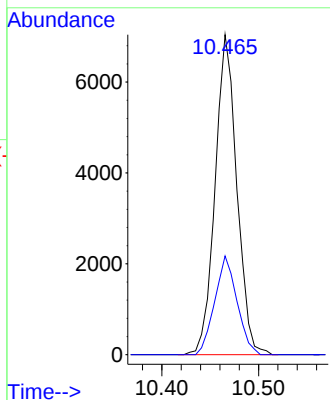
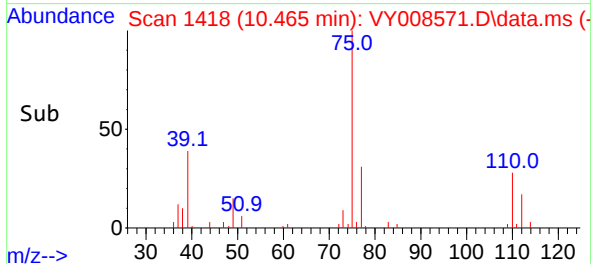
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



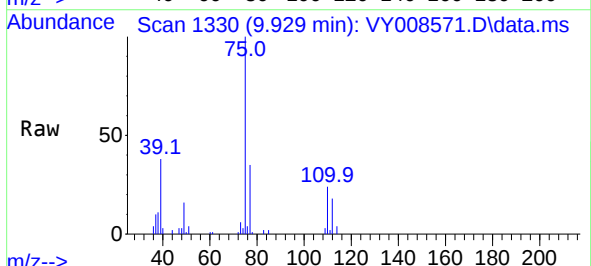
Tgt Ion: 75 Resp: 10964
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2

Manual Integrations
APPROVED

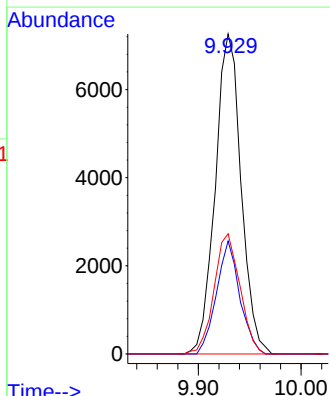
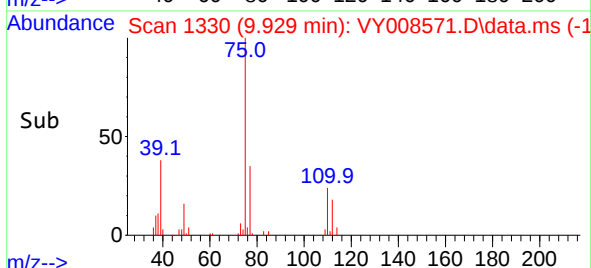
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

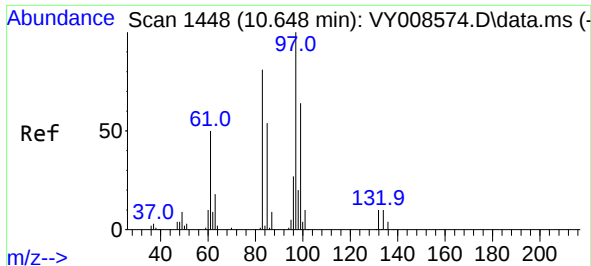


#54
cis-1,3-Dichloropropene
Concen: 5.139 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03



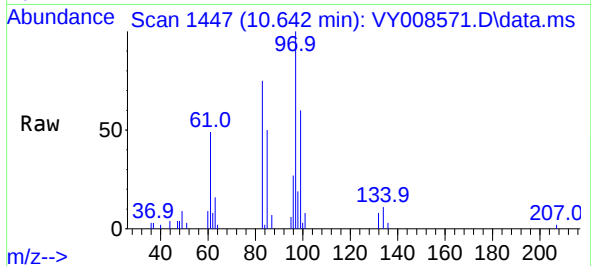
Tgt Ion: 75 Resp: 12664
Ion Ratio Lower Upper
75 100
77 35.3 25.6 38.4
39 37.5 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 5.528 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

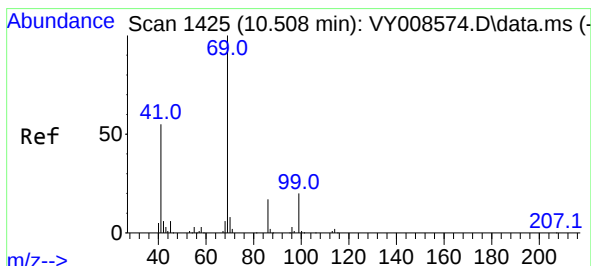
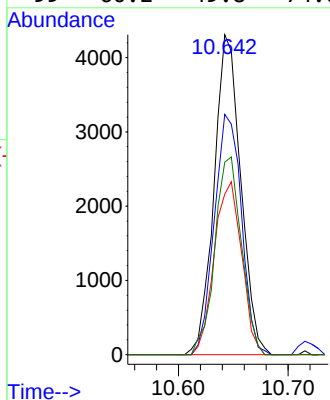
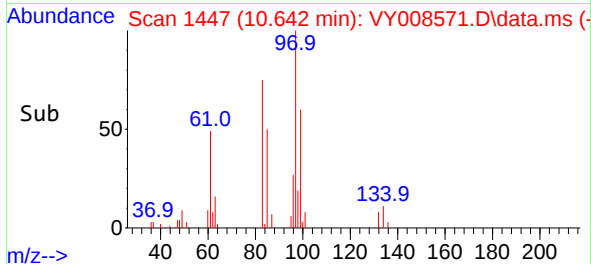
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



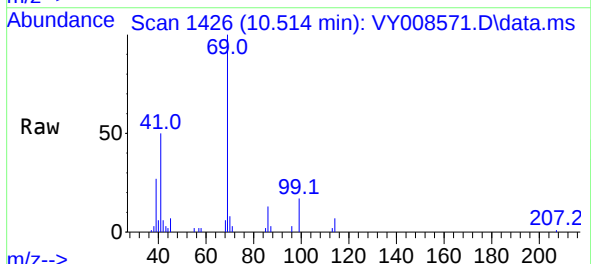
Tgt Ion: 97 Resp: 7280
Ion Ratio Lower Upper
97 100
83 75.1 69.8 104.8
85 50.2 44.3 66.5
99 60.2 49.8 74.6

Manual Integrations
APPROVED

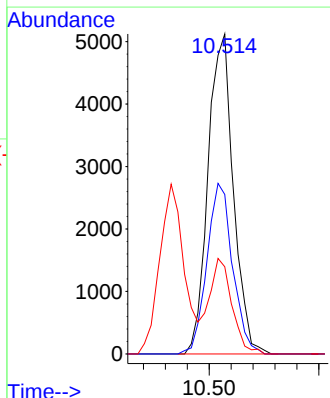
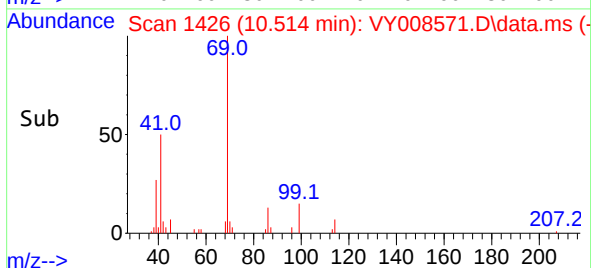
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

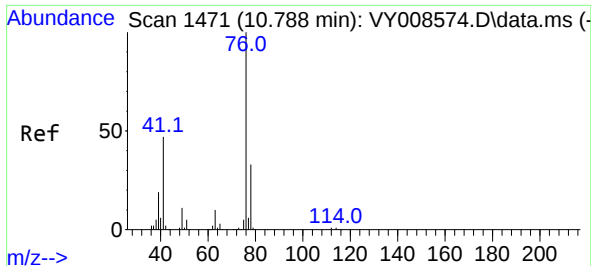


#56
Ethyl methacrylate
Concen: 4.894 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03



Tgt Ion: 69 Resp: 8205
Ion Ratio Lower Upper
69 100
41 54.2 63.4 95.0#
39 27.2 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 5.340 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 1135

Ion Ratio Lower Upper

76 100

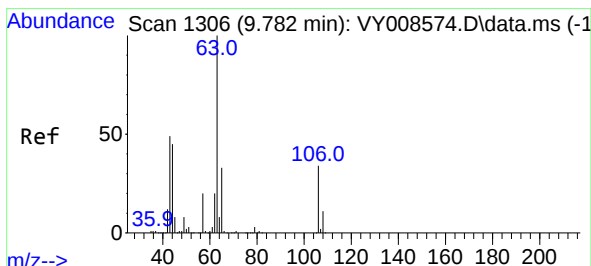
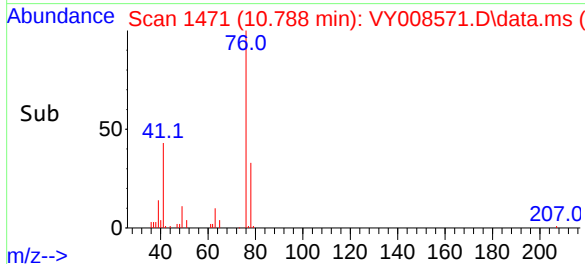
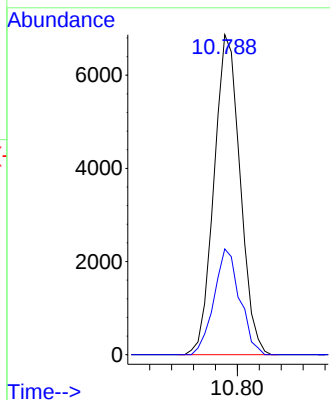
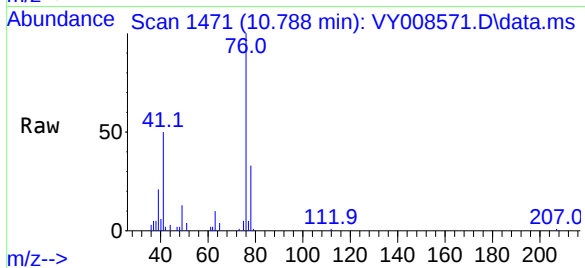
78 32.7 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#58

2-Chloroethyl Vinyl ether

Concen: 25.410 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008571.D

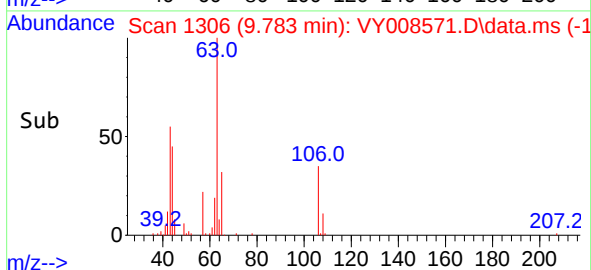
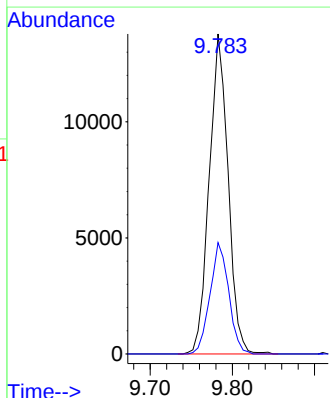
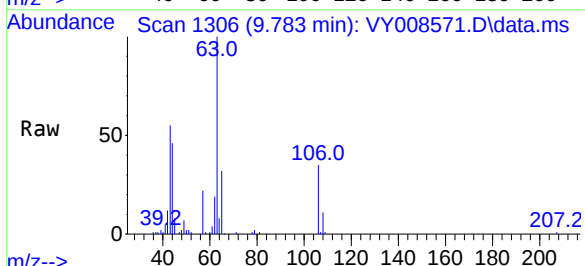
Acq: 02 May 2022 15:03

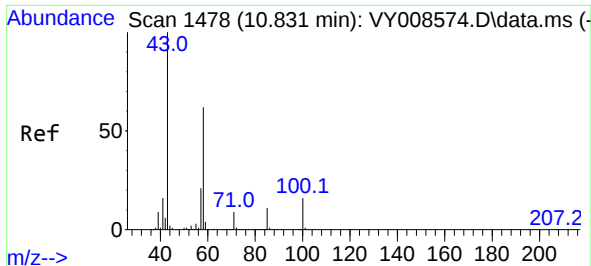
Tgt Ion: 63 Resp: 21998

Ion Ratio Lower Upper

63 100

106 34.5 21.5 32.3#





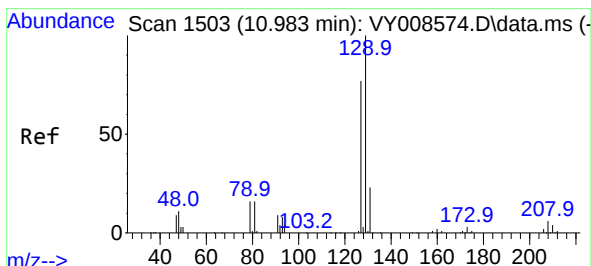
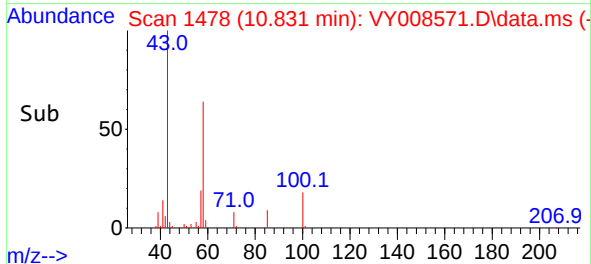
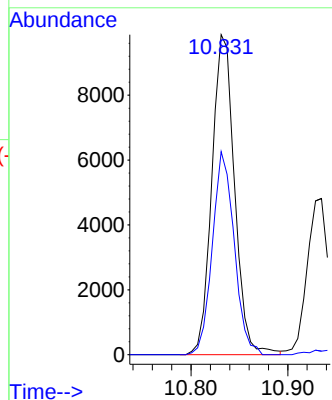
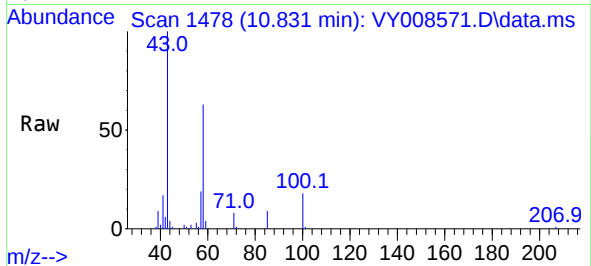
#59
2-Hexanone
Concen: 23.236 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 16070
Ion Ratio Lower Upper
43 100
58 61.1 24.4 73.4

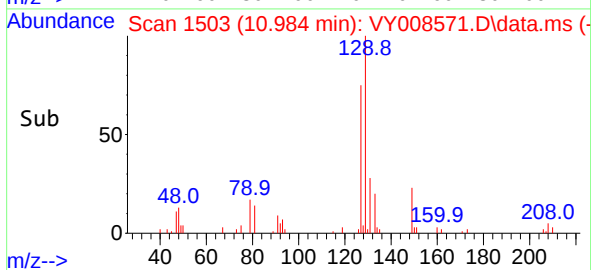
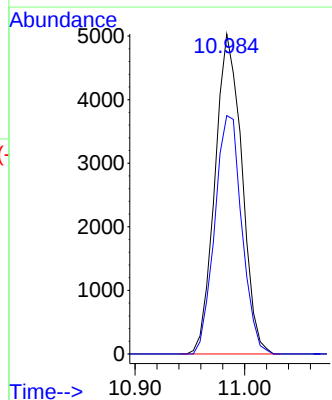
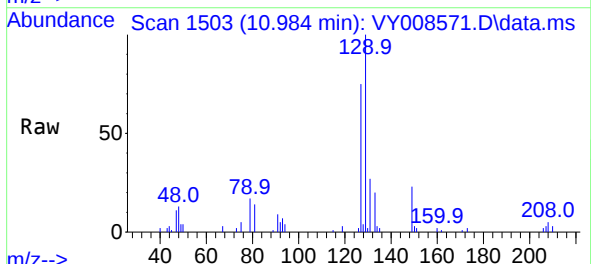
Manual Integrations
APPROVED

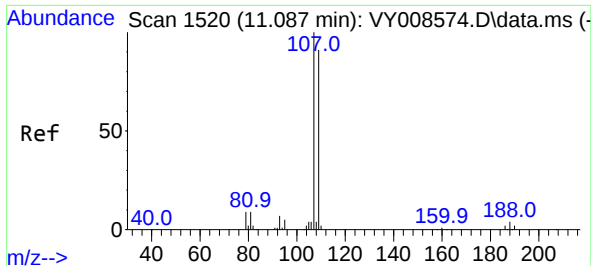
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#60
Dibromochloromethane
Concen: 5.245 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion:129 Resp: 8578
Ion Ratio Lower Upper
129 100
127 75.0 38.7 116.1





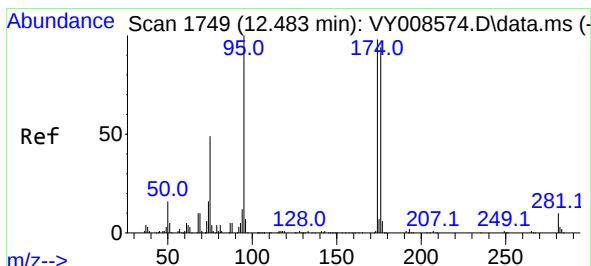
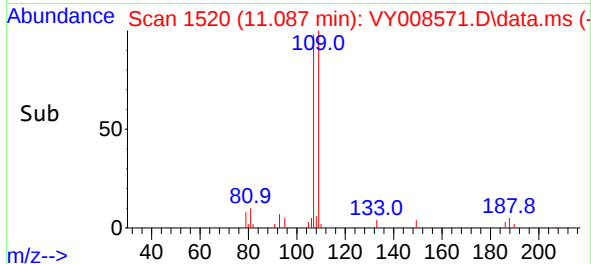
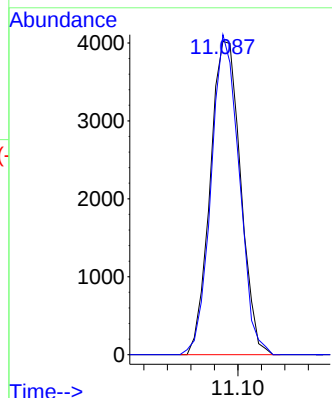
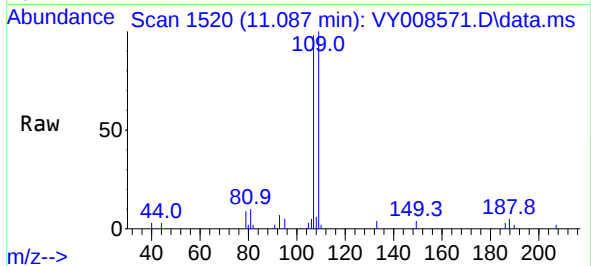
#61
1,2-Dibromoethane
Concen: 5.410 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 721
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2

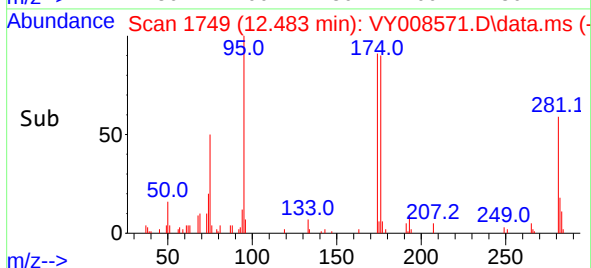
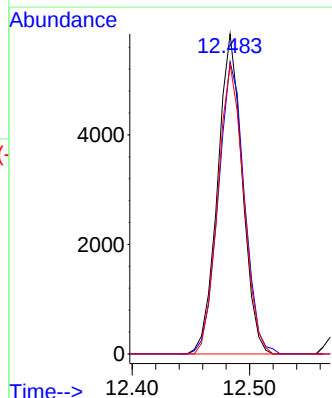
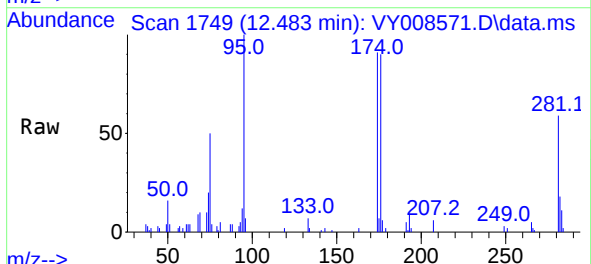
Manual Integrations
APPROVED

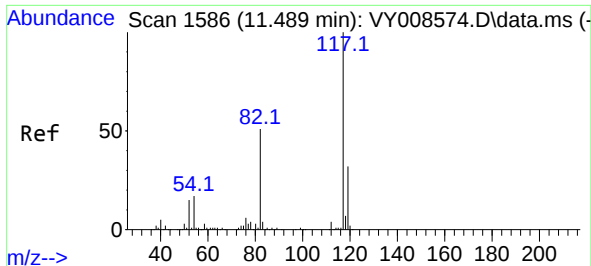
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#62
4-Bromofluorobenzene
Concen: 4.639 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

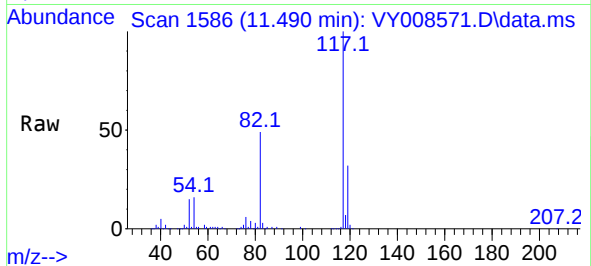
Tgt Ion: 95 Resp: 8530
Ion Ratio Lower Upper
95 100
174 96.5 0.0 177.0
176 94.2 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

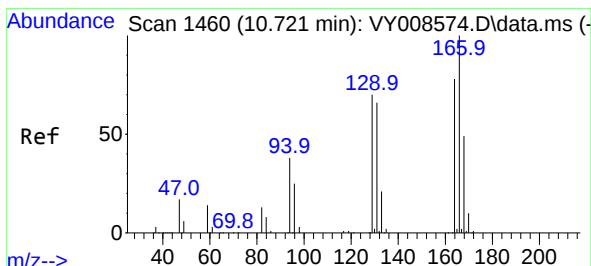
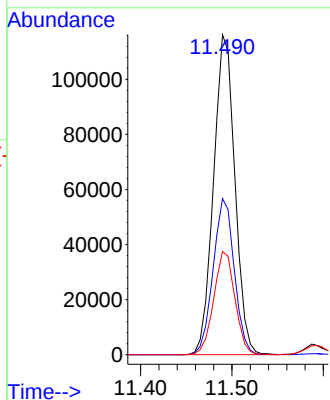
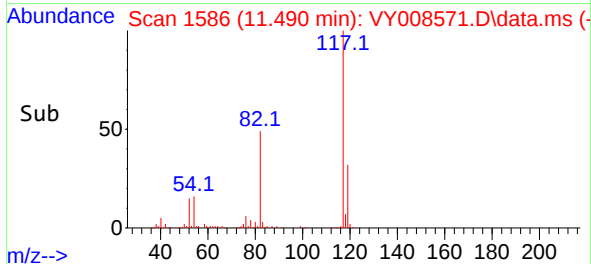
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



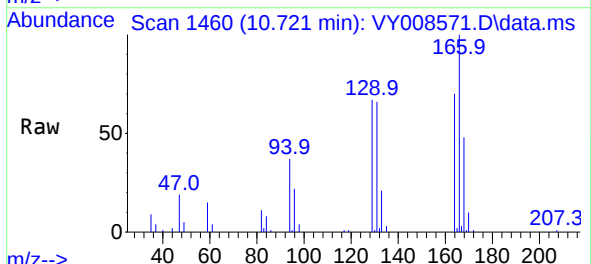
Tgt Ion:117 Resp: 188350
Ion Ratio Lower Upper
117 100
82 48.8 43.0 64.4
119 32.3 25.4 38.0

Manual Integrations
APPROVED

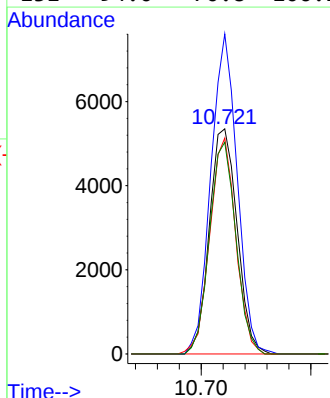
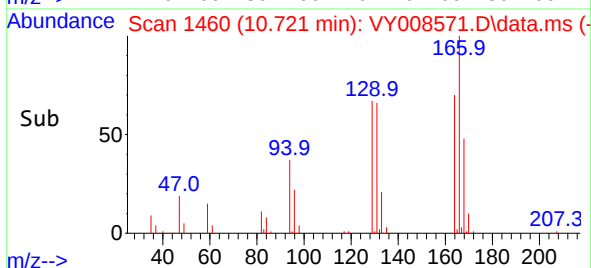
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

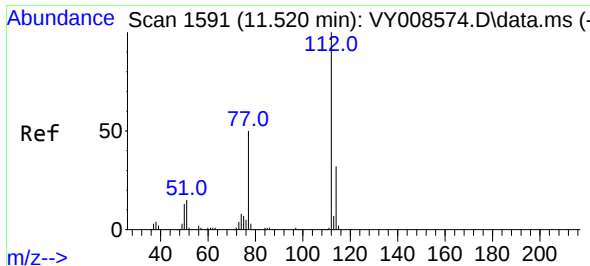


#64
Tetrachloroethene
Concen: 5.561 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03



Tgt Ion:164 Resp: 9409
Ion Ratio Lower Upper
164 100
166 142.1 100.4 150.6
129 95.9 71.4 107.0
131 94.0 70.8 106.2





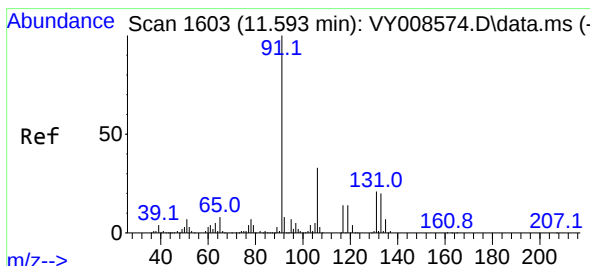
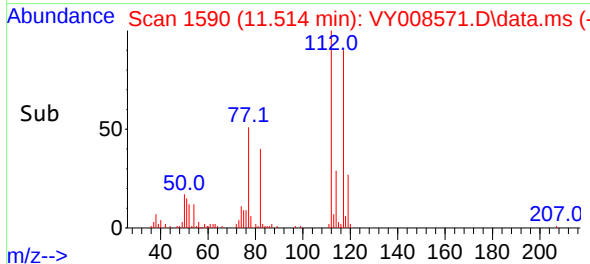
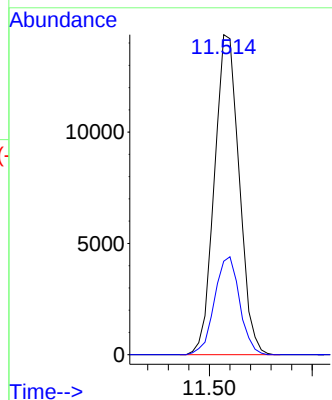
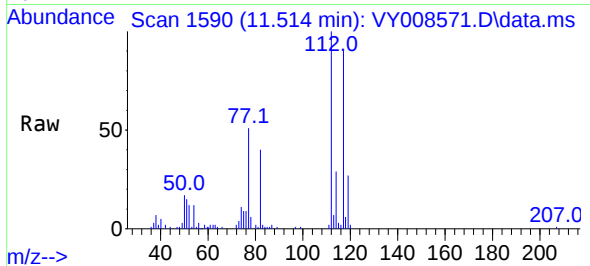
#65
Chlorobenzene
Concen: 5.369 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 2405
Ion Ratio Lower Upper
112 100
114 29.2 25.8 38.6

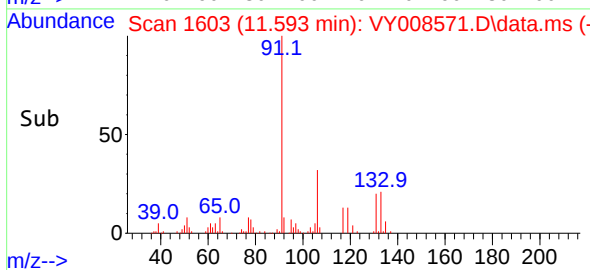
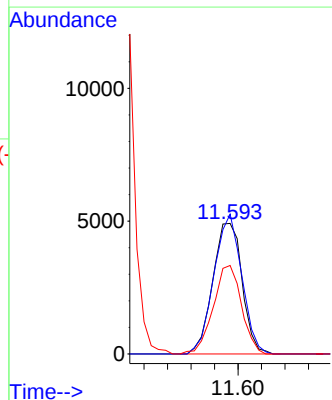
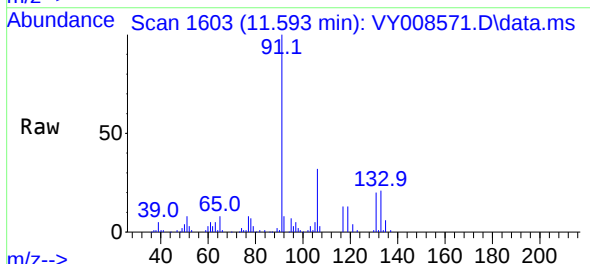
Manual Integrations
APPROVED

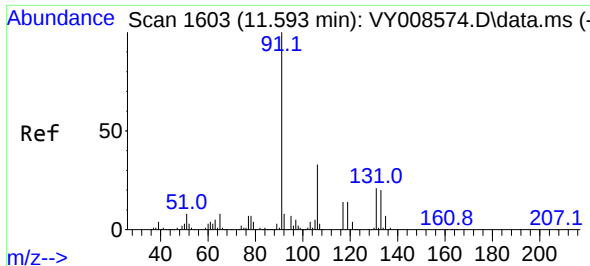
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 5.055 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

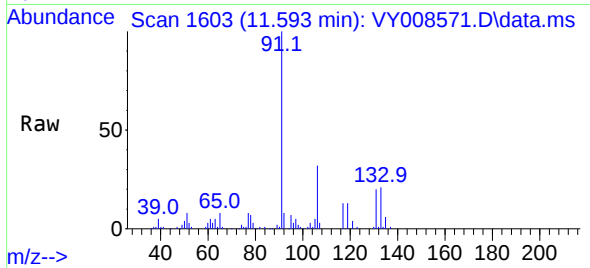
Tgt Ion:131 Resp: 8543
Ion Ratio Lower Upper
131 100
133 101.3 47.9 143.6
119 65.1 30.8 92.3





#67
Ethyl Benzene
Concen: 5.047 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

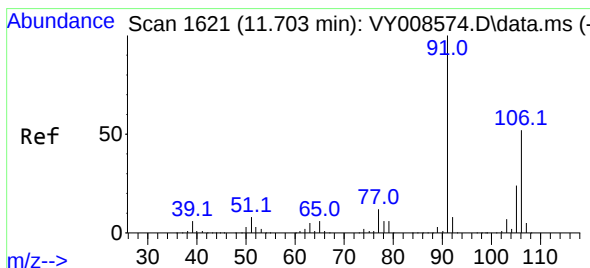
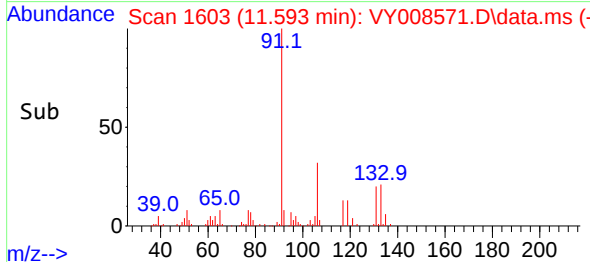
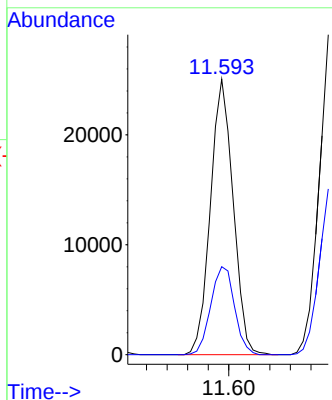
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 91 Resp: 38490
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7

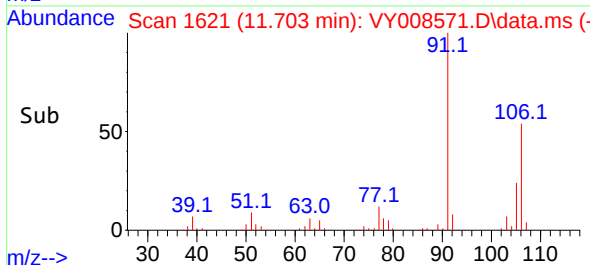
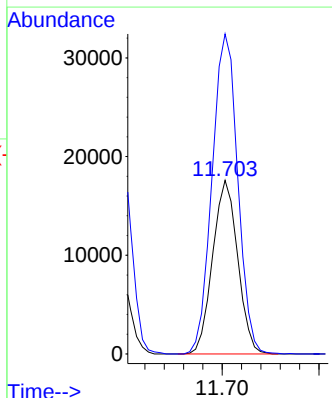
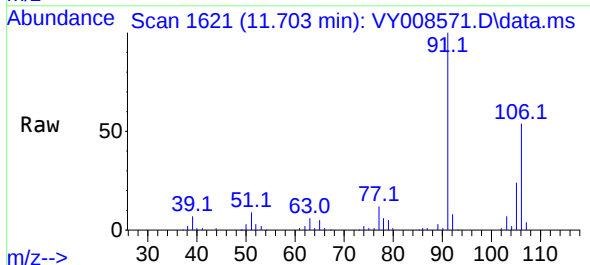
Manual Integrations
APPROVED

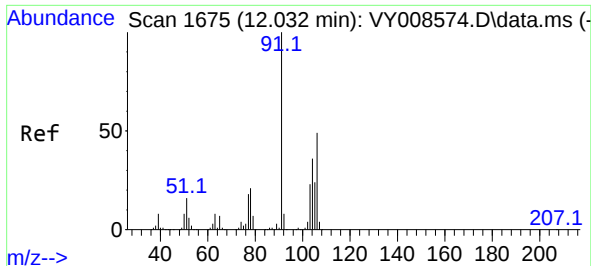
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#68
m/p-Xylenes
Concen: 10.243 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

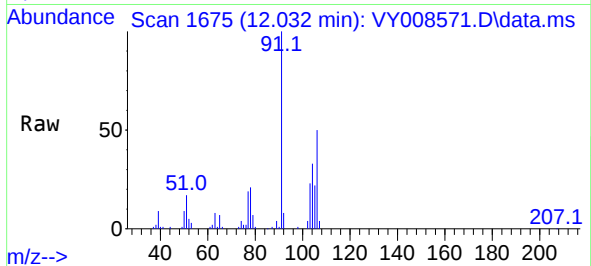
Tgt Ion:106 Resp: 31568
Ion Ratio Lower Upper
106 100
91 189.0 166.6 249.8





#69
o-Xylene
Concen: 5.084 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

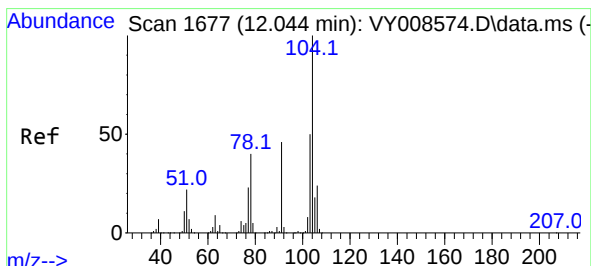
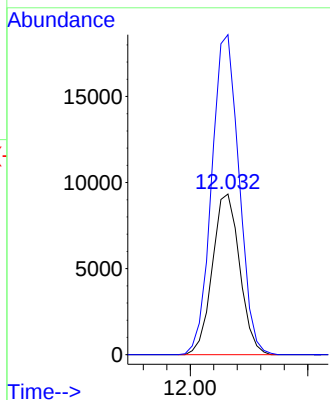
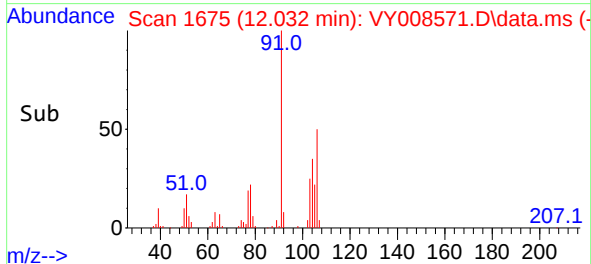
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:106 Resp: 15050
Ion Ratio Lower Upper
106 100
91 199.5 110.3 331.0

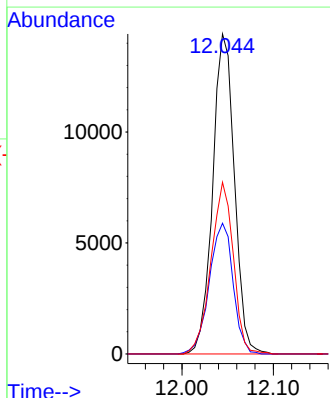
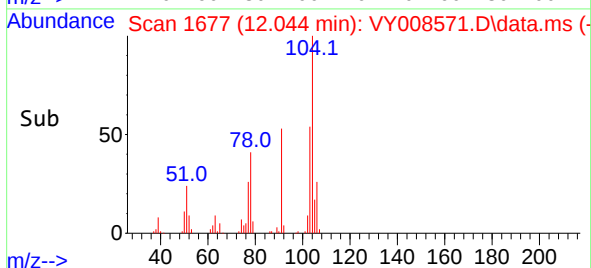
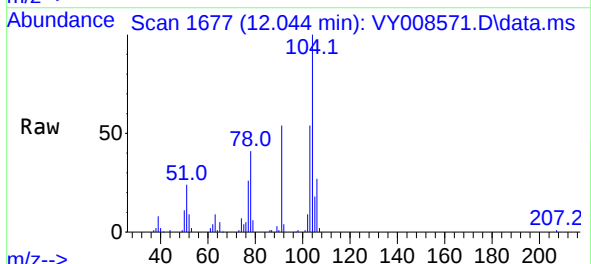
Manual Integrations
APPROVED

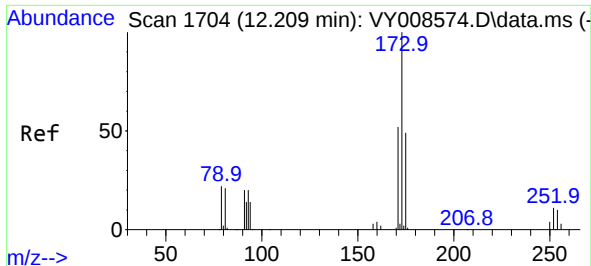
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#70
Styrene
Concen: 4.829 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion:104 Resp: 23839
Ion Ratio Lower Upper
104 100
78 44.6 42.4 63.6
103 55.1 44.4 66.6





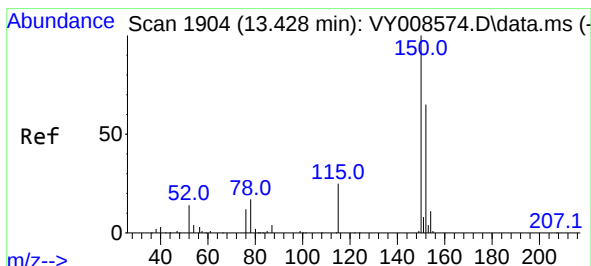
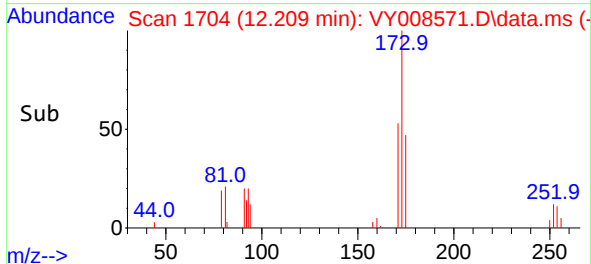
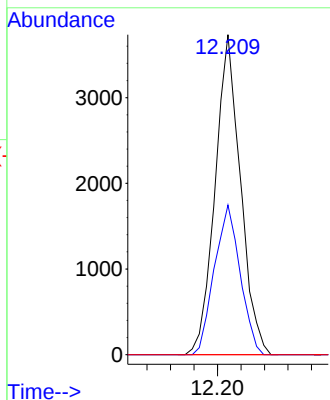
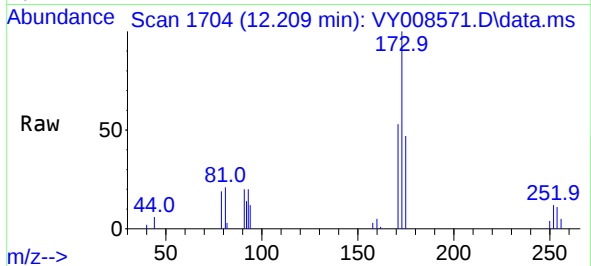
#71
Bromoform
Concen: 5.065 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 5598
Ion Ratio Lower Upper
173 100
175 47.5 24.6 74.0
254 0.0 0.0 0.0

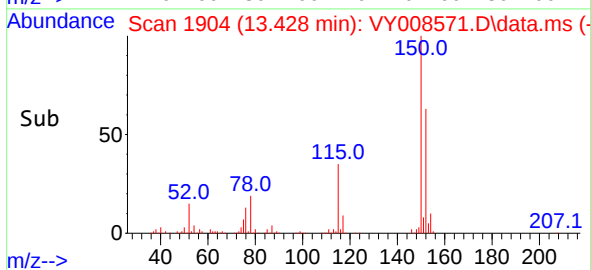
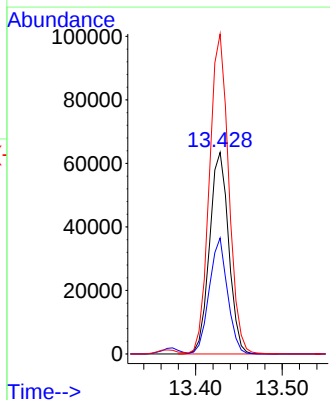
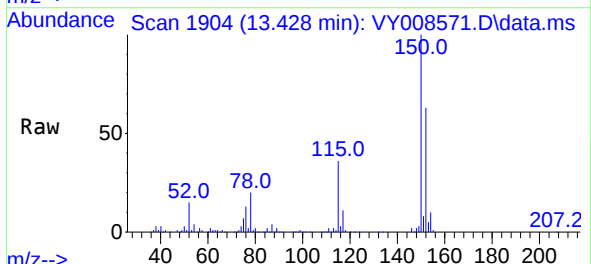
Manual Integrations
APPROVED

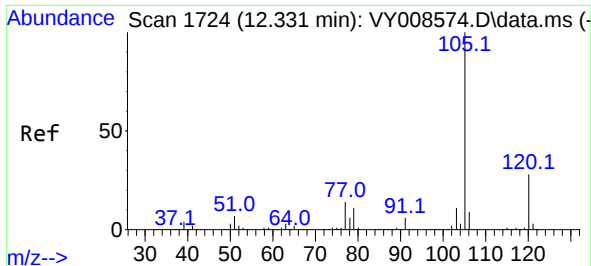
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion:152 Resp: 97262
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 160.5 0.0 347.6





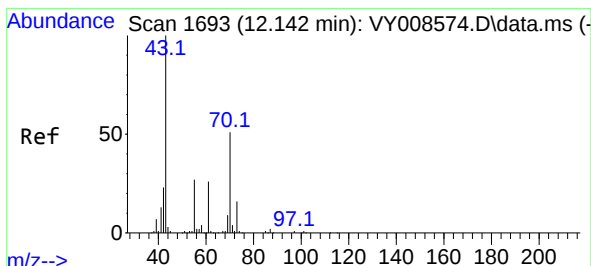
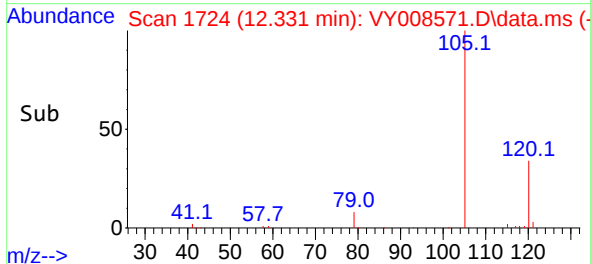
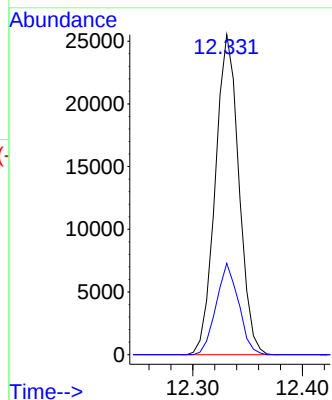
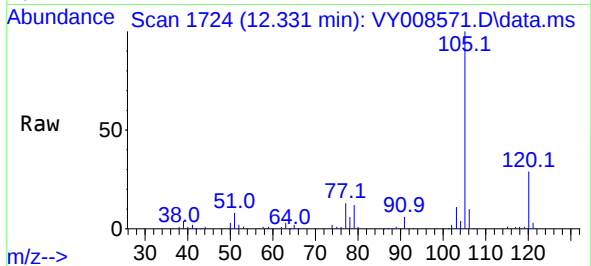
#73
Isopropylbenzene
Concen: 5.391 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Instrument : MSVOA_Y
ClientSampleId : VSTDIC005

Tgt Ion: 105 Resp: 38178
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2

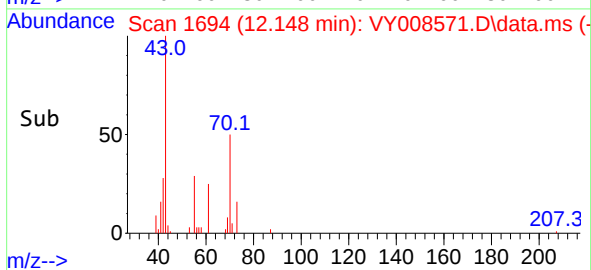
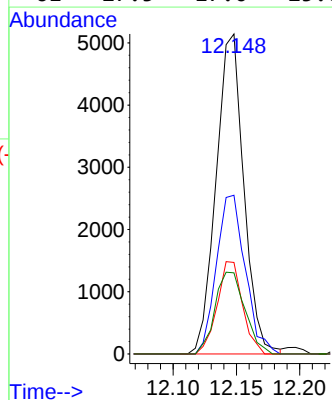
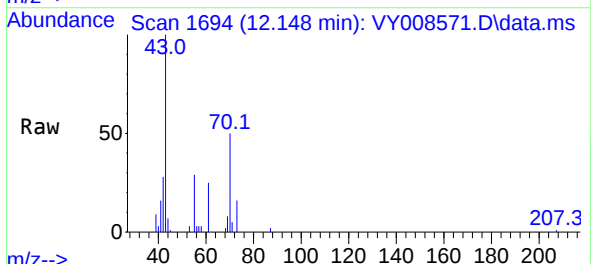
Manual Integrations
APPROVED

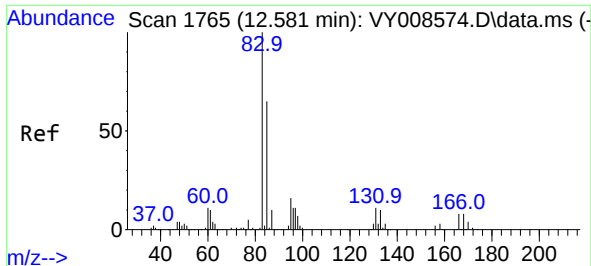
Reviewed By : John Carlone 05/03/2022
Supervised By : Mahesh Dadoda 05/03/2022



#74
N-ethyl acetate
Concen: 4.882 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 43 Resp: 7837
Ion Ratio Lower Upper
43 100
70 51.5 28.7 43.1#
55 26.3 17.3 25.9#
61 27.5 17.0 25.6#





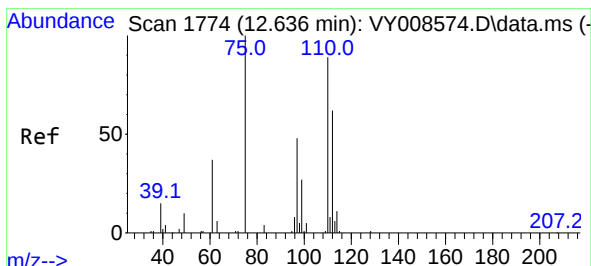
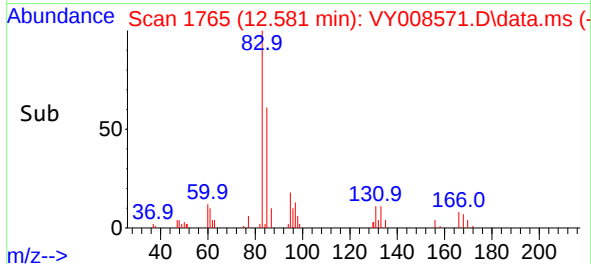
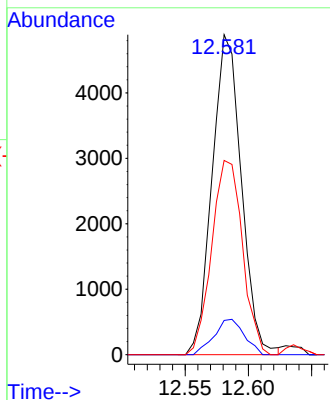
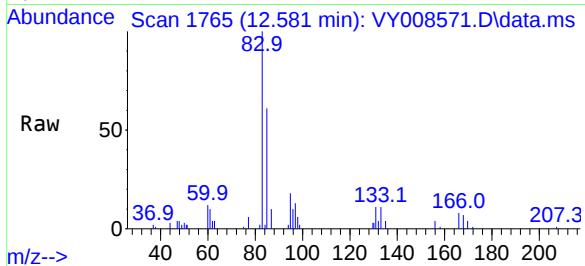
#75
1,1,2,2-Tetrachloroethane
Concen: 5.166 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 784
Ion Ratio Lower Upper
83 100
131 11.4 5.6 16.8
85 63.9 32.3 96.8

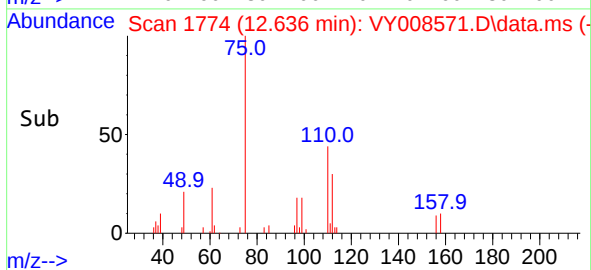
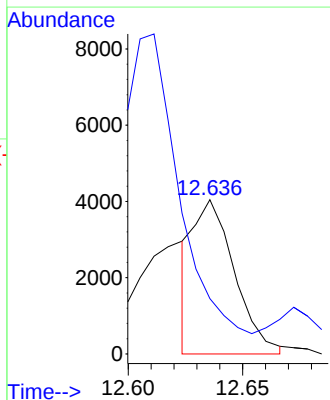
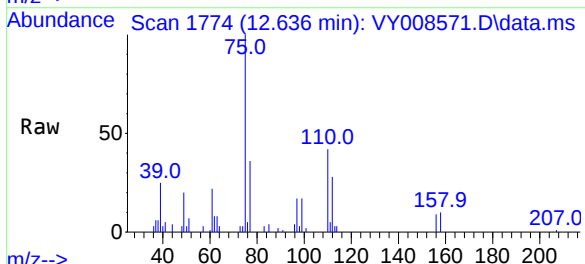
Manual Integrations
APPROVED

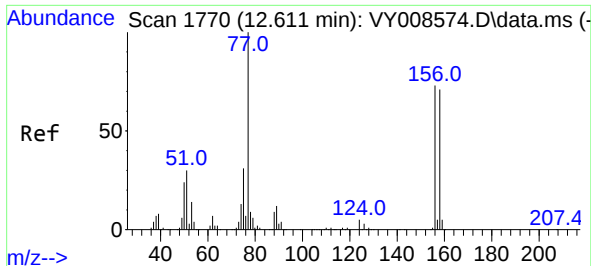
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#76
1,2,3-Trichloropropane
Concen: 4.884 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 75 Resp: 5074
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





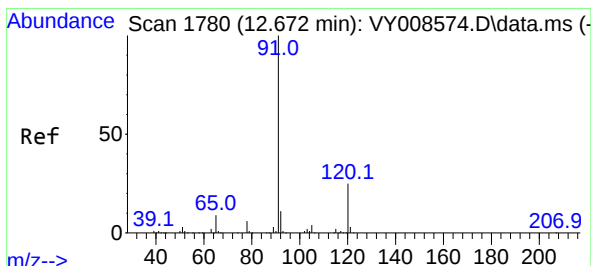
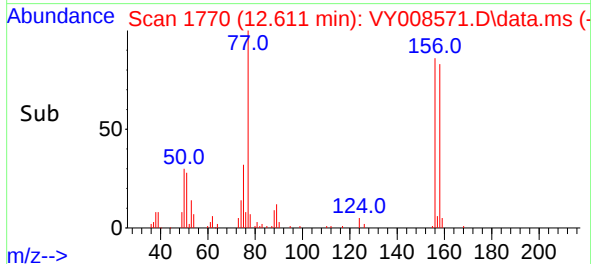
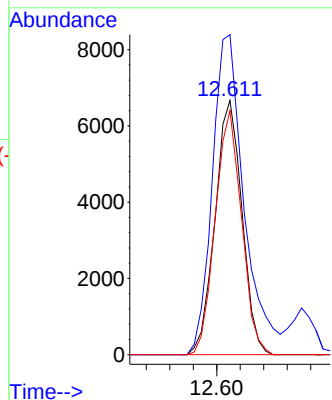
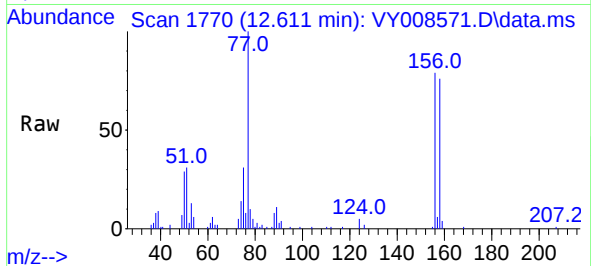
#77
Bromobenzene
Concen: 5.403 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 156 Resp: 1062
Ion Ratio Lower Upper
156 100
77 148.0 95.5 286.4
158 93.7 48.0 144.0

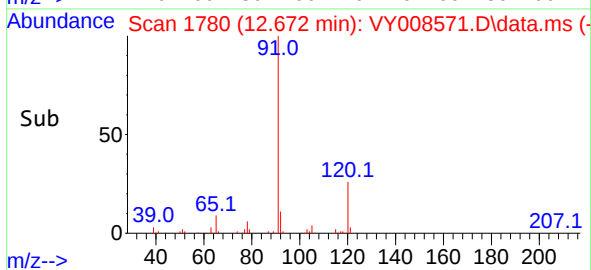
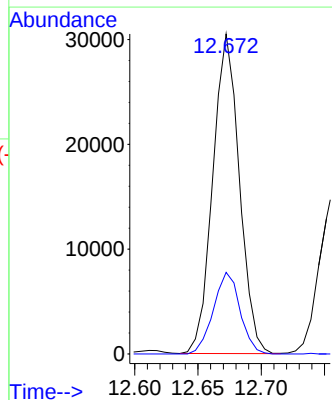
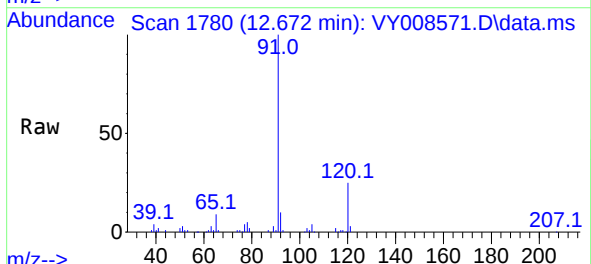
Manual Integrations
APPROVED

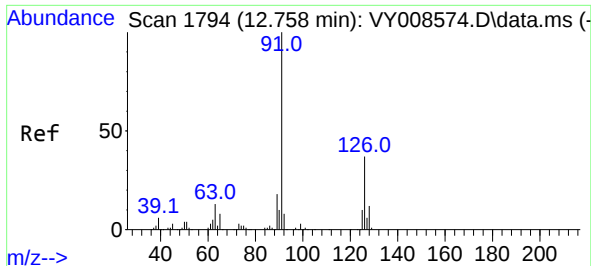
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#78
n-propylbenzene
Concen: 5.098 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 91 Resp: 44471
Ion Ratio Lower Upper
91 100
120 25.6 11.3 33.9





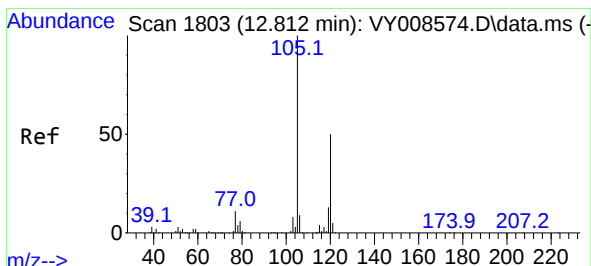
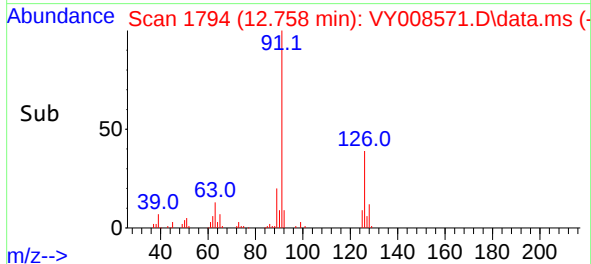
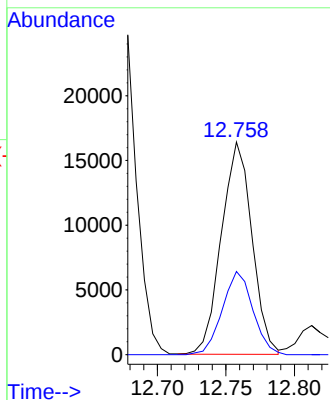
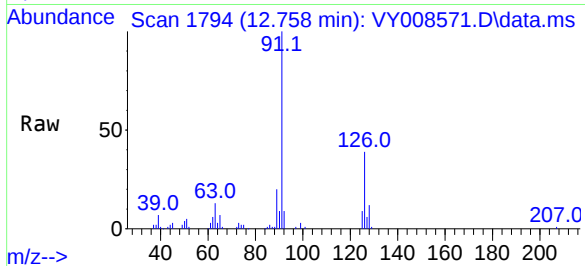
#79
2-Chlorotoluene
Concen: 5.189 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 2546
Ion Ratio Lower Upper
91 100
126 39.1 16.9 50.6

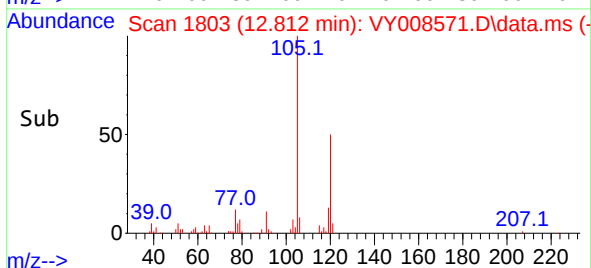
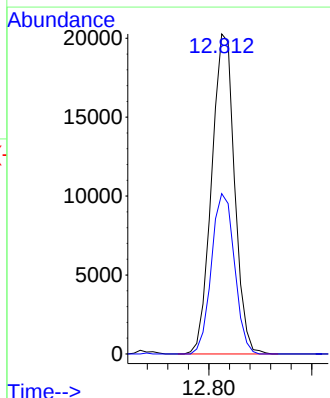
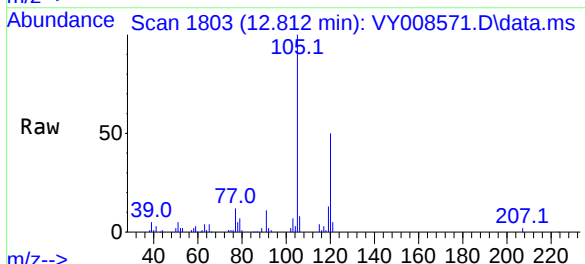
Manual Integrations
APPROVED

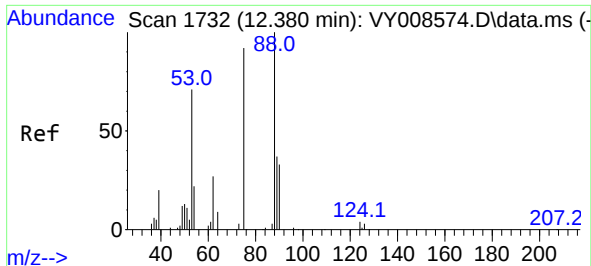
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.061 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

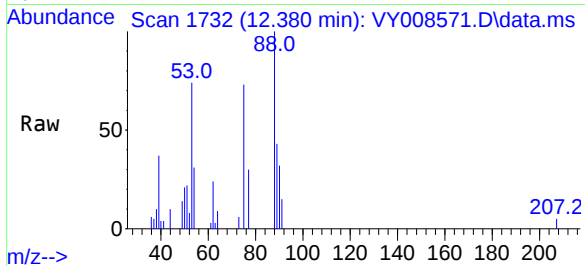
Tgt Ion:105 Resp: 31302
Ion Ratio Lower Upper
105 100
120 50.3 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 4.546 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

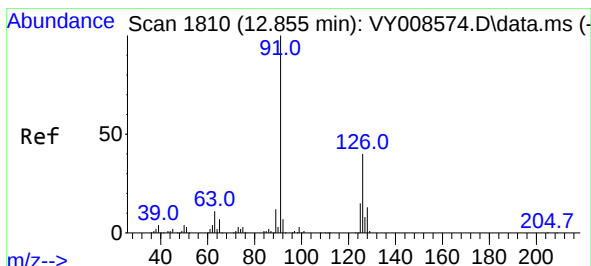
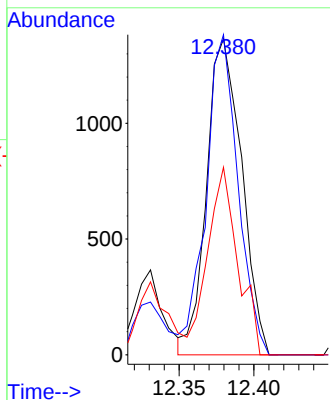
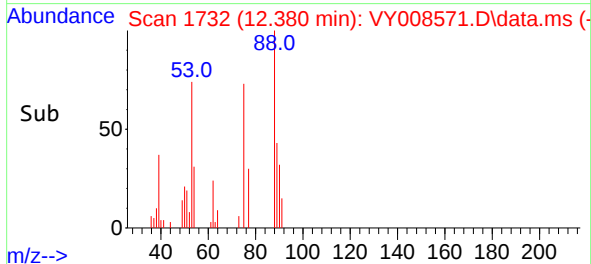
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



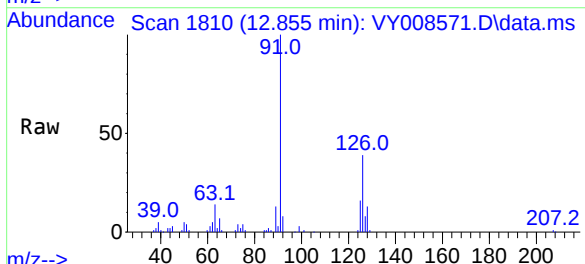
Tgt Ion: 75 Resp: 222
Ion Ratio Lower Upper
75 100
53 92.6 85.3 127.9
89 50.8 37.0 55.4

Manual Integrations
APPROVED

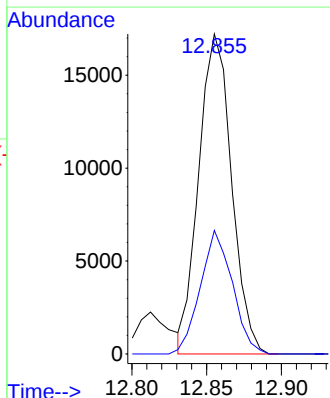
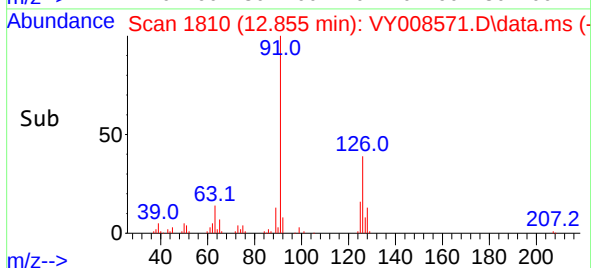
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

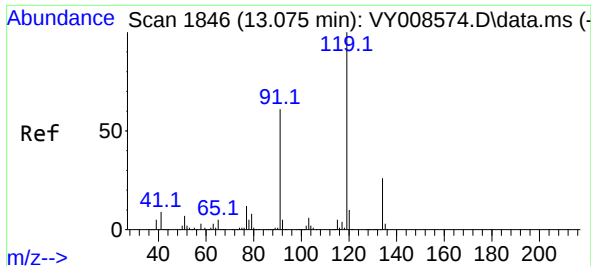


#82
4-Chlorotoluene
Concen: 5.206 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03



Tgt Ion: 91 Resp: 26262
Ion Ratio Lower Upper
91 100
126 37.8 17.0 51.0





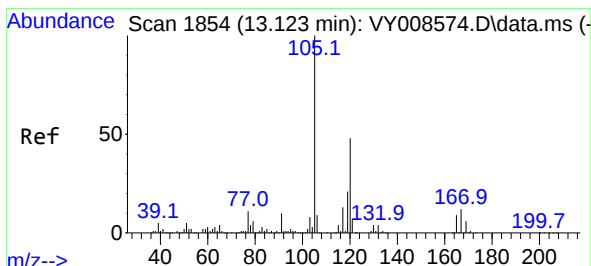
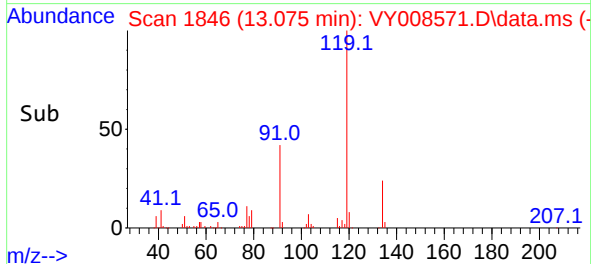
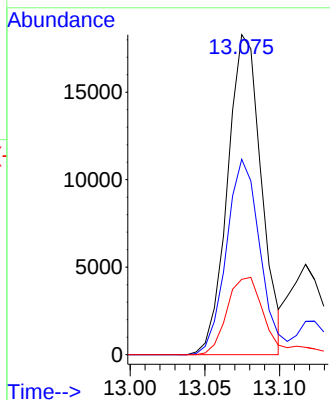
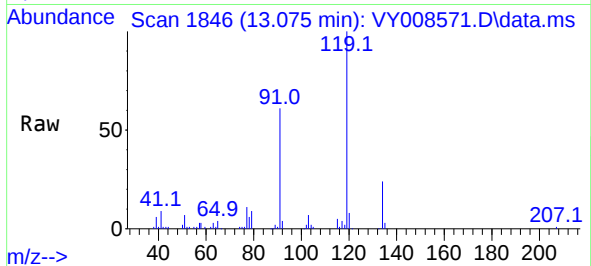
#83
tert-Butylbenzene
Concen: 5.189 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 28738
Ion Ratio Lower Upper
119 100
91 61.0 34.8 104.4
134 27.7 13.3 39.9

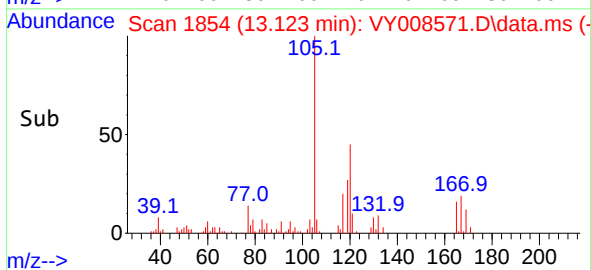
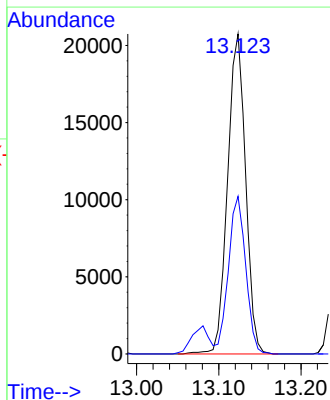
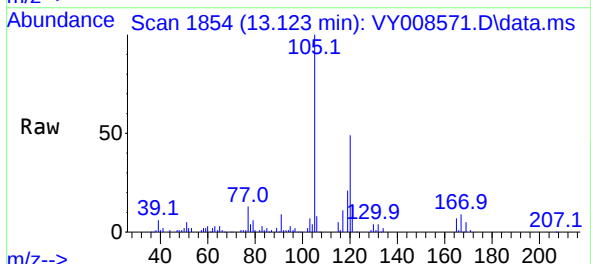
Manual Integrations
APPROVED

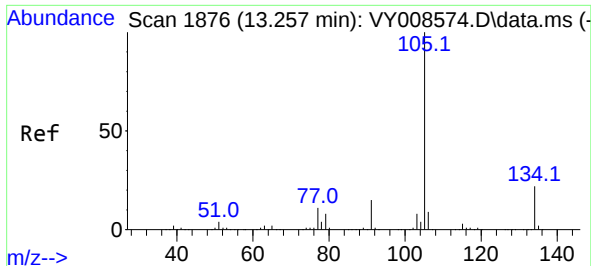
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#84
1,2,4-Trimethylbenzene
Concen: 5.162 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

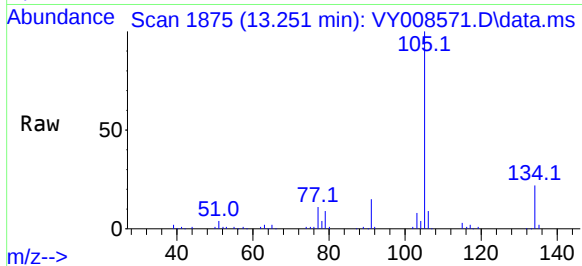
Tgt Ion:105 Resp: 31606
Ion Ratio Lower Upper
105 100
120 47.6 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 5.159 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY008571.D
 Acq: 02 May 2022 15:03

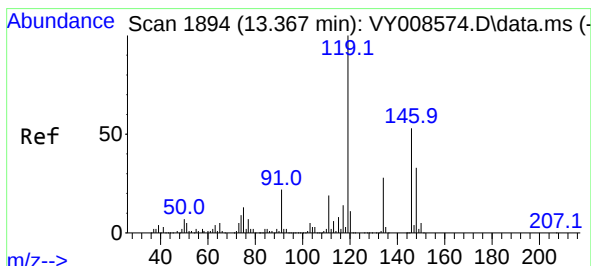
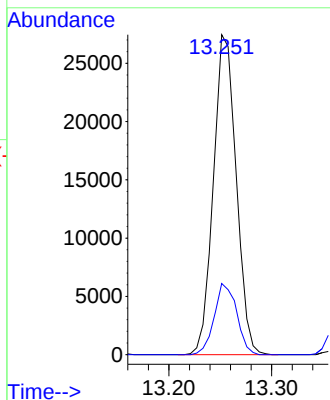
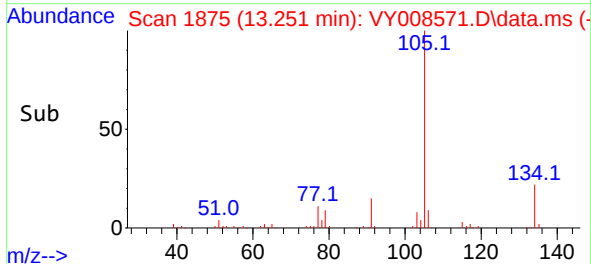
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



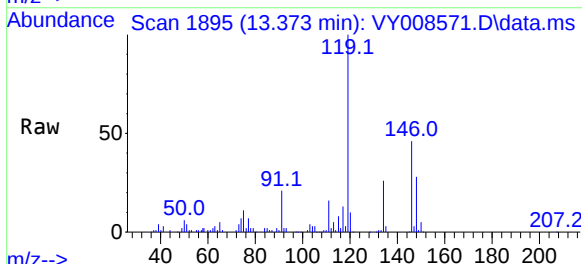
Tgt Ion:105 Resp: 4226
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.2 30.4

Manual Integrations
 APPROVED

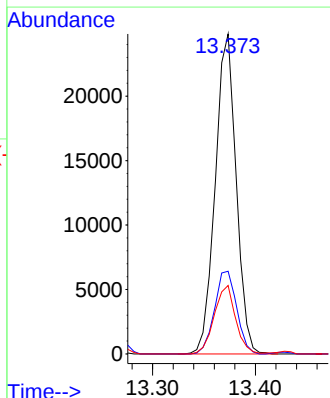
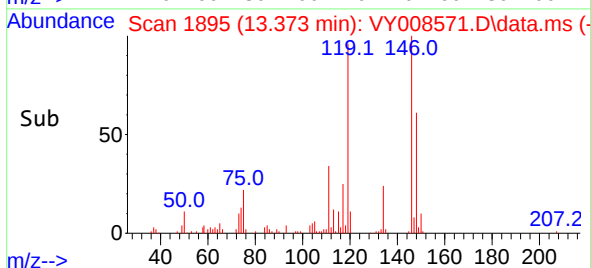
Reviewed By :John Carlone 05/03/2022
 Supervised By :Mahesh Dadoda 05/03/2022

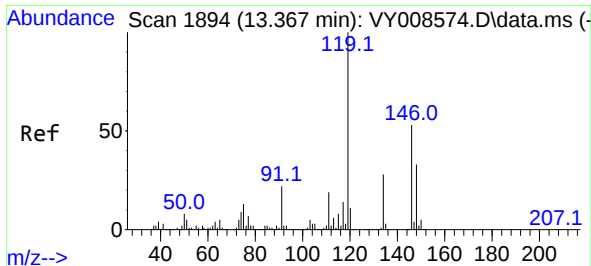


#86
 p-Isopropyltoluene
 Concen: 5.015 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008571.D
 Acq: 02 May 2022 15:03



Tgt Ion:119 Resp: 35017
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.2 39.5
 91 21.9 12.4 37.2





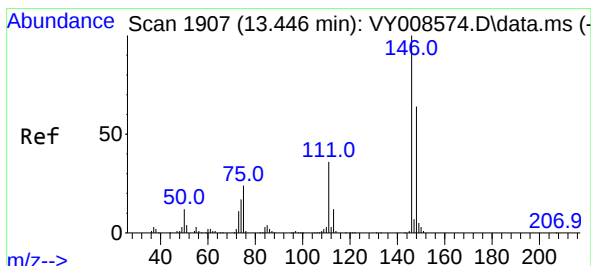
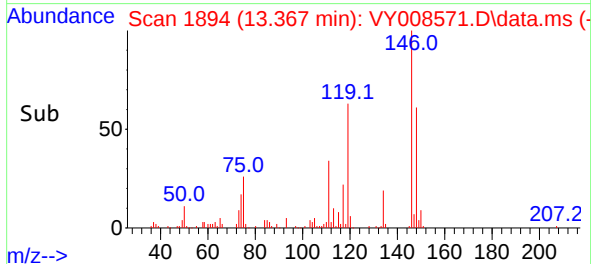
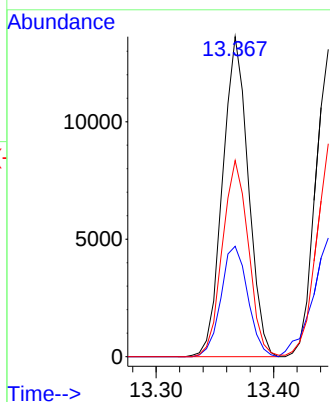
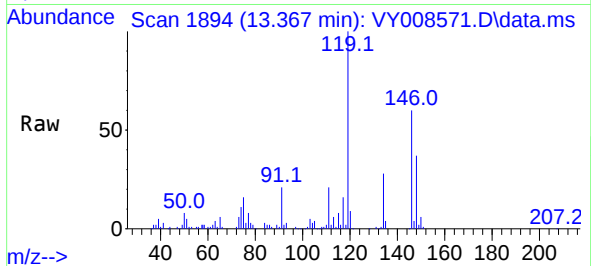
#87
1,3-Dichlorobenzene
Concen: 5.434 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 20712
Ion Ratio Lower Upper
146 100
111 36.0 19.5 58.5
148 62.0 31.6 95.0

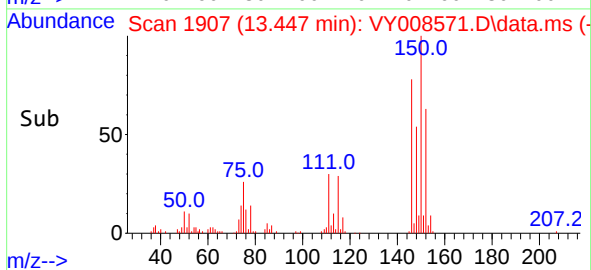
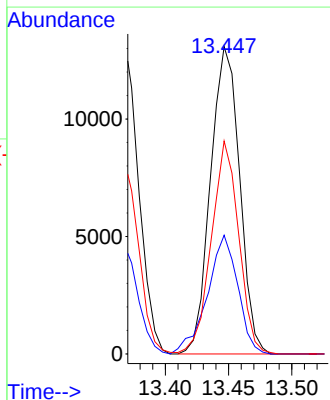
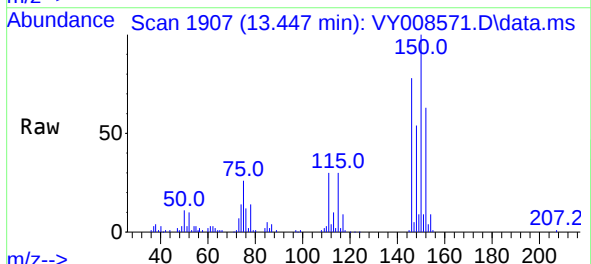
Manual Integrations
APPROVED

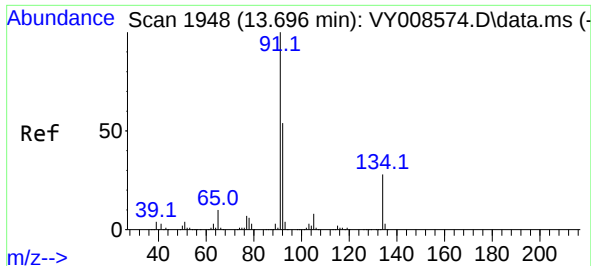
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#88
1,4-Dichlorobenzene
Concen: 5.551 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion:146 Resp: 20918
Ion Ratio Lower Upper
146 100
111 40.4 19.3 57.8
148 65.2 32.6 97.8





#89

n-Butylbenzene

Concen: 5.080 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 31269

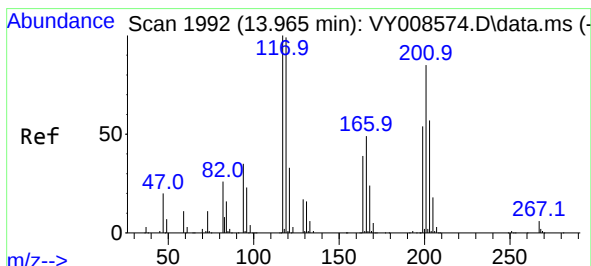
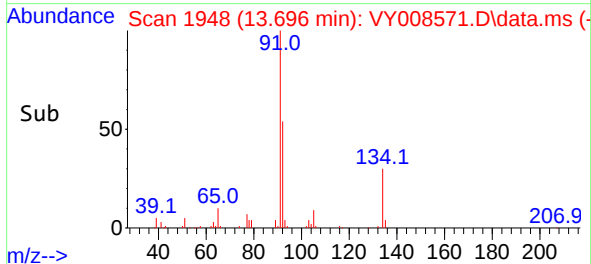
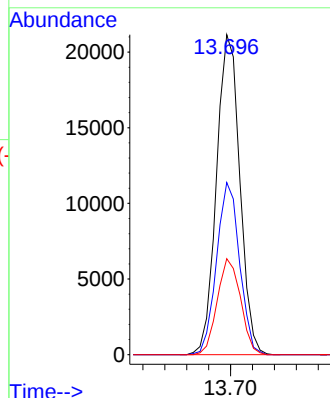
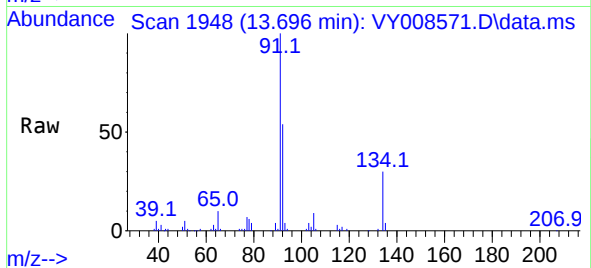
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.3	78.9
134	30.0	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#90

Hexachloroethane

Concen: 5.087 ug/l

RT: 13.965 min Scan# 1992

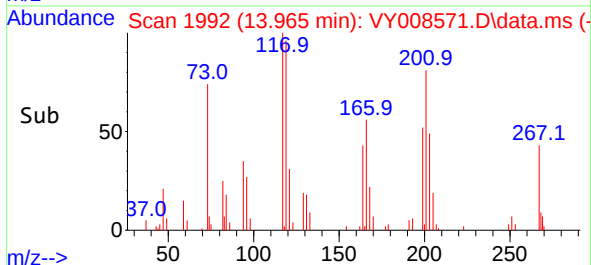
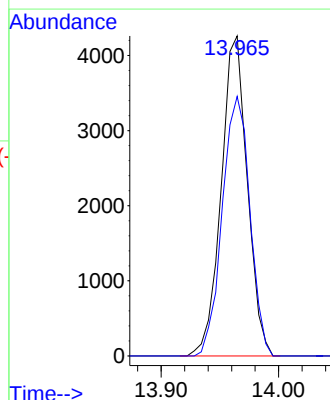
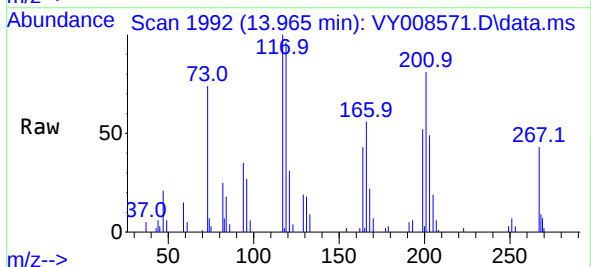
Delta R.T. 0.000 min

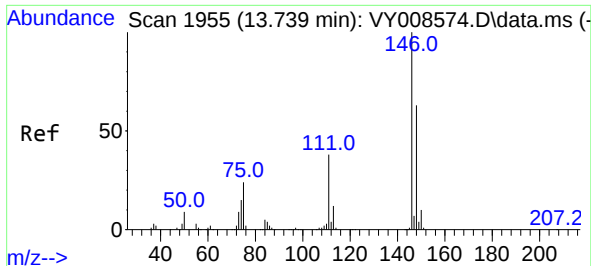
Lab File: VY008571.D

Acq: 02 May 2022 15:03

Tgt Ion:117 Resp: 6585

Ion	Ratio	Lower	Upper
117	100		
201	85.5	43.0	128.8





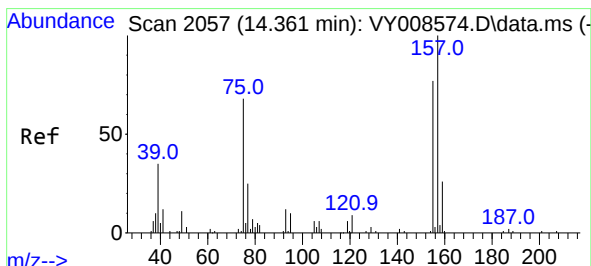
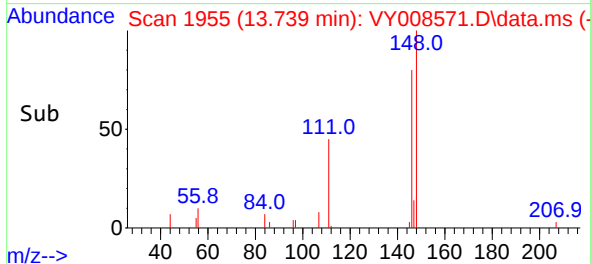
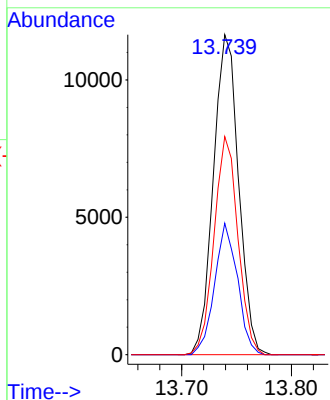
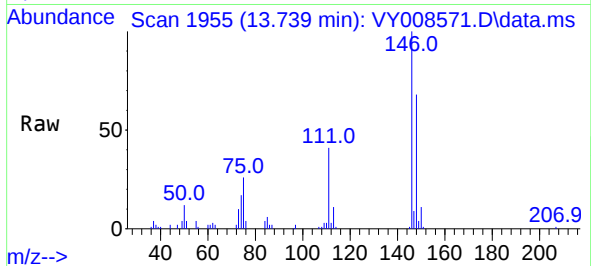
#91
1,2-Dichlorobenzene
Concen: 5.445 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:	146	Resp:	18590
Ion	Ratio	Lower	Upper
146	100		
111	37.4	20.3	60.9
148	64.6	32.3	96.9

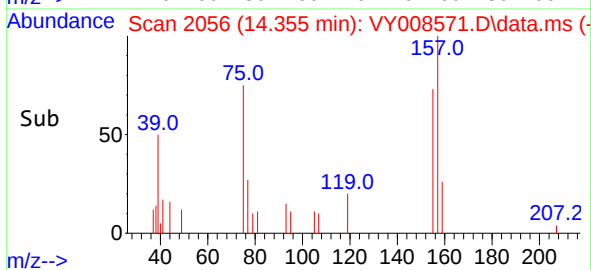
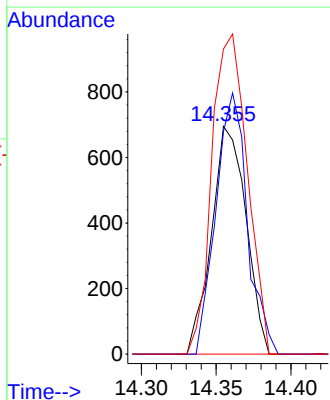
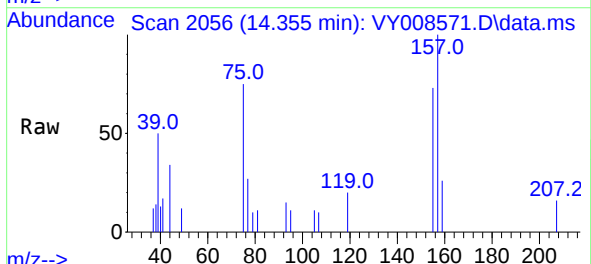
Manual Integrations
APPROVED

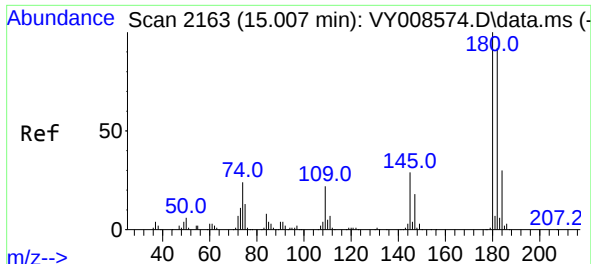
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.785 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

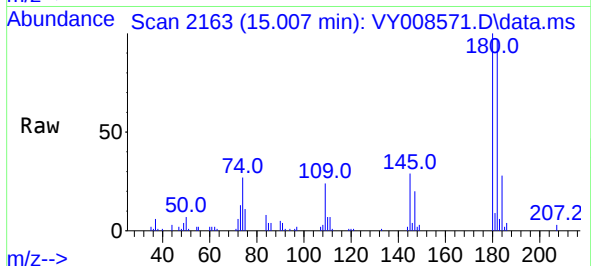
Tgt Ion:	75	Resp:	1114
Ion	Ratio	Lower	Upper
75	100		
155	104.4	38.0	113.9
157	144.3	47.8	143.3





#93
1,2,4-Trichlorobenzene
Concen: 5.291 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

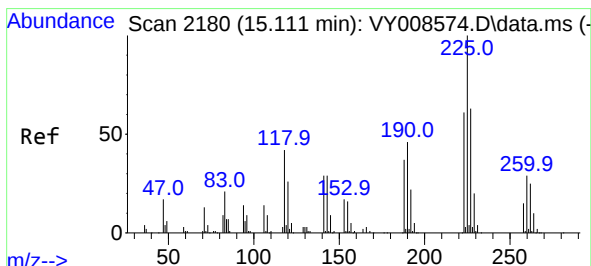
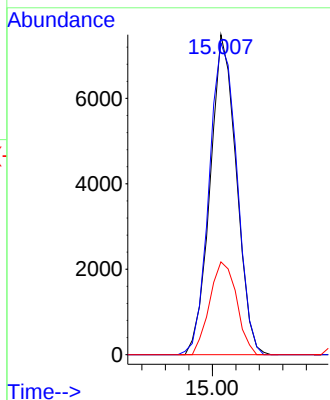
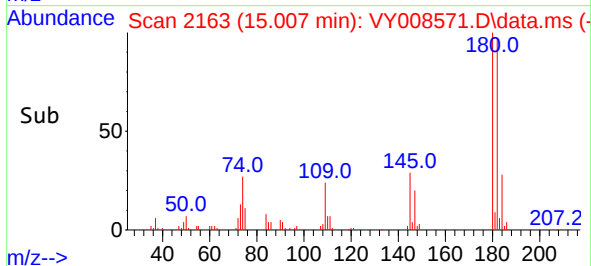
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



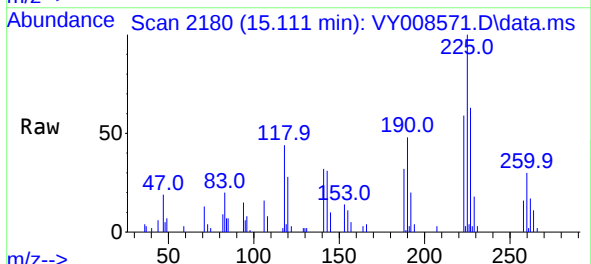
Tgt Ion:180 Resp: 11610
Ion Ratio Lower Upper
180 100
182 103.2 47.3 141.9
145 29.8 14.6 43.8

Manual Integrations
APPROVED

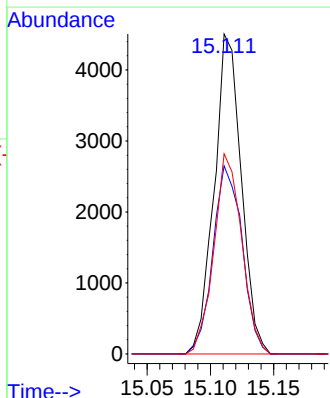
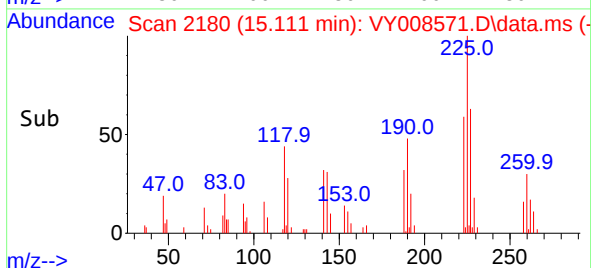
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

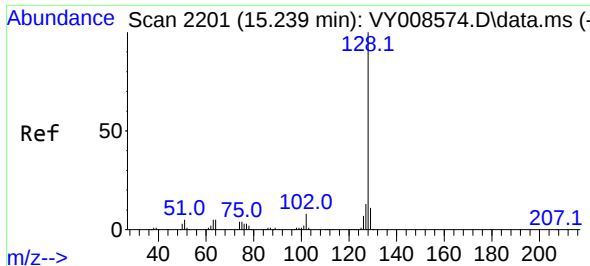


#94
Hexachlorobutadiene
Concen: 5.431 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03



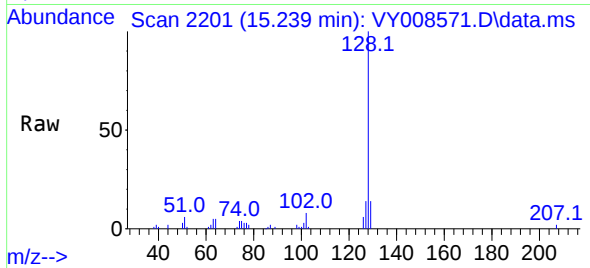
Tgt Ion:225 Resp: 6714
Ion Ratio Lower Upper
225 100
223 63.2 30.8 92.3
227 64.1 31.6 94.7





#95
Naphthalene
Concen: 4.947 ug/l
RT: 15.239 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

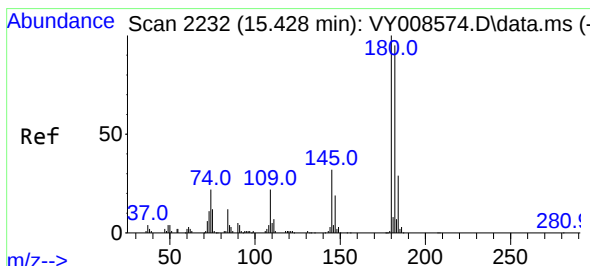
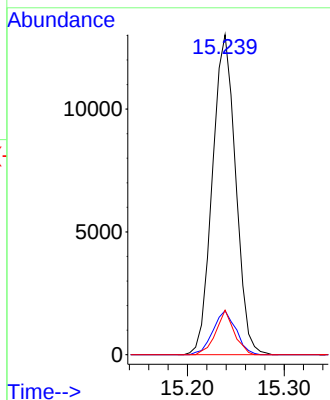
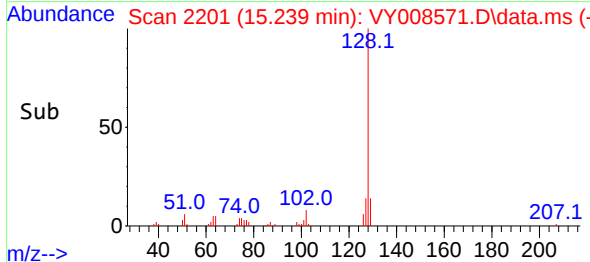
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



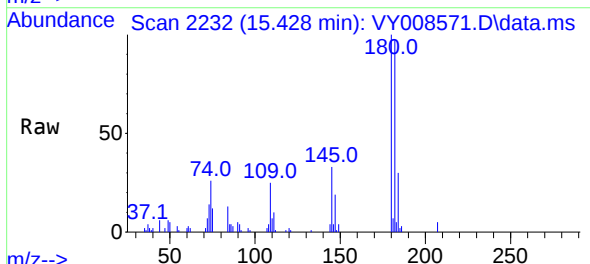
Tgt Ion:128 Resp: 2174
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 11.0 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#96
1,2,3-Trichlorobenzene
Concen: 5.439 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03



Tgt Ion:180 Resp: 10538
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.9
145 32.2 15.3 45.9

