

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050222\
 Data File : VY008573.D
 Acq On : 02 May 2022 15:57
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

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

Quant Time: May 03 01:20:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:17:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	156361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	214548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	26045	14.872	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	29.740%#		
35) Dibromofluoromethane	7.716	113	28238	18.876	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	37.760%#		
50) Toluene-d8	10.179	98	96871	17.831	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	35.660%#		
62) 4-Bromofluorobenzene	12.483	95	37199	18.481	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	36.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	32894	23.181	ug/l	98
3) Chloromethane	2.113	50	35825	16.808	ug/l	96
4) Vinyl Chloride	2.253	62	42568	15.530	ug/l	99
5) Bromomethane	2.637	94	34162	13.464	ug/l	99
6) Chloroethane	2.790	64	26965	14.809	ug/l	96
7) Trichlorofluoromethane	3.125	101	57455	19.266	ug/l	92
8) Diethyl Ether	3.527	74	18456	18.273	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.899	101	34108	19.231	ug/l	92
10) Methyl Iodide	4.094	142	38902	18.311	ug/l #	88
11) Tert butyl alcohol	4.948	59	19517	94.616	ug/l	98
12) 1,1-Dichloroethene	3.869	96	31401	18.815	ug/l #	76
13) Acrolein	3.728	56	19643	100.434	ug/l	99
14) Allyl chloride	4.478	41	37773	17.545	ug/l #	88
15) Acrylonitrile	5.161	53	41433	81.830	ug/l	98
16) Acetone	3.948	43	30658	75.820	ug/l #	85
17) Carbon Disulfide	4.192	76	89848	17.997	ug/l	100
18) Methyl Acetate	4.478	43	18767	16.287	ug/l #	80
19) Methyl tert-butyl Ether	5.222	73	86457	16.832	ug/l	95
20) Methylene Chloride	4.716	84	44252	16.864	ug/l #	79
21) trans-1,2-Dichloroethene	5.216	96	35823	17.821	ug/l #	77
22) Diisopropyl ether	6.124	45	87173	16.937	ug/l #	86
23) Vinyl Acetate	6.057	43	289634	82.859	ug/l #	87
24) 1,1-Dichloroethane	6.015	63	54453	16.958	ug/l	96
25) 2-Butanone	6.984	43	50624	80.454	ug/l #	82
26) 2,2-Dichloropropane	6.984	77	52390	17.509	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	40105	17.483	ug/l	79
28) Bromochloromethane	7.332	49	19225	15.121	ug/l #	53
29) Tetrahydrofuran	7.350	42	33769	82.681	ug/l #	75
30) Chloroform	7.508	83	60149	17.027	ug/l	99
31) Cyclohexane	7.783	56	50601	17.135	ug/l #	80
32) 1,1,1-Trichloroethane	7.703	97	55863	17.895	ug/l #	93
36) 1,1-Dichloropropene	7.917	75	45102	18.717	ug/l	92
37) Ethyl Acetate	7.075	43	24202	18.425	ug/l #	91
38) Carbon Tetrachloride	7.898	117	52813	20.766	ug/l	99
39) Methylcyclohexane	9.185	83	60602	19.540	ug/l #	82
40) Benzene	8.161	78	134261	19.174	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	11486m	18.103	ug/l	
42) 1,2-Dichloroethane	8.240	62	38317	18.363	ug/l	89
43) Isopropyl Acetate	8.276	43	43875	18.276	ug/l #	86
44) Trichloroethene	8.941	130	40706	20.602	ug/l	91
45) 1,2-Dichloropropane	9.215	63	30914	18.524	ug/l	94
46) Dibromomethane	9.307	93	21107	18.140	ug/l	90
47) Bromodichloromethane	9.496	83	47294	18.999	ug/l #	97
48) Methyl methacrylate	9.295	41	18169	17.770	ug/l #	75
49) 1,4-Dioxane	9.301	88	5670	384.292	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	114366	90.663	ug/l #	85
52) Toluene	10.246	92	88420	19.074	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	49737	18.724	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	54942	18.543	ug/l #	81
55) 1,1,2-Trichloroethane	10.648	97	30159	18.919	ug/l	94
56) Ethyl methacrylate	10.508	69	38334	18.683	ug/l #	73
57) 1,3-Dichloropropane	10.788	76	48483	18.677	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	90996	81.675	ug/l #	86
59) 2-Hexanone	10.831	43	77836	89.925	ug/l	81
60) Dibromochloromethane	10.983	129	37749	20.287	ug/l	99
61) 1,2-Dibromoethane	11.087	107	30156	19.017	ug/l	98
64) Tetrachloroethene	10.721	164	38251	23.111	ug/l	98
65) Chlorobenzene	11.520	112	100406	20.497	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	38197	21.026	ug/l	98
67) Ethyl Benzene	11.593	91	168397	19.856	ug/l	96
68) m/p-Xylenes	11.703	106	138170	40.640	ug/l	87
69) o-Xylene	12.032	106	66003	20.177	ug/l	87
70) Styrene	12.044	104	109713	20.012	ug/l	93
71) Bromoform	12.209	173	24656	21.504	ug/l #	99
73) Isopropylbenzene	12.331	105	170196	19.905	ug/l	98
74) N-amyl acetate	12.148	43	38371	18.612	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	34502	18.560	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	21496m	15.487	ug/l	
77) Bromobenzene	12.611	156	44657	21.293	ug/l	84
78) n-propylbenzene	12.672	91	201905	19.813	ug/l	95
79) 2-Chlorotoluene	12.757	91	112427	19.609	ug/l	92
80) 1,3,5-Trimethylbenzene	12.812	105	142445	20.044	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	11409	18.550	ug/l #	83
82) 4-Chlorotoluene	12.855	91	115267	19.464	ug/l	94
83) tert-Butylbenzene	13.074	119	126978	20.478	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	141134	20.037	ug/l	95
85) sec-Butylbenzene	13.257	105	188470	20.272	ug/l	97
86) p-Isopropyltoluene	13.373	119	159486	20.347	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	86223	20.526	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	85609	20.575	ug/l	99
89) n-Butylbenzene	13.696	91	142425	20.228	ug/l	98
90) Hexachloroethane	13.964	117	29369	20.905	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	78058	20.868	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5463	19.507	ug/l	70
93) 1,2,4-Trichlorobenzene	15.007	180	49920	23.434	ug/l	99
94) Hexachlorobutadiene	15.117	225	29180	27.137	ug/l	98
95) Naphthalene	15.239	128	99141	21.073	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	43062	23.074	ug/l	98

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

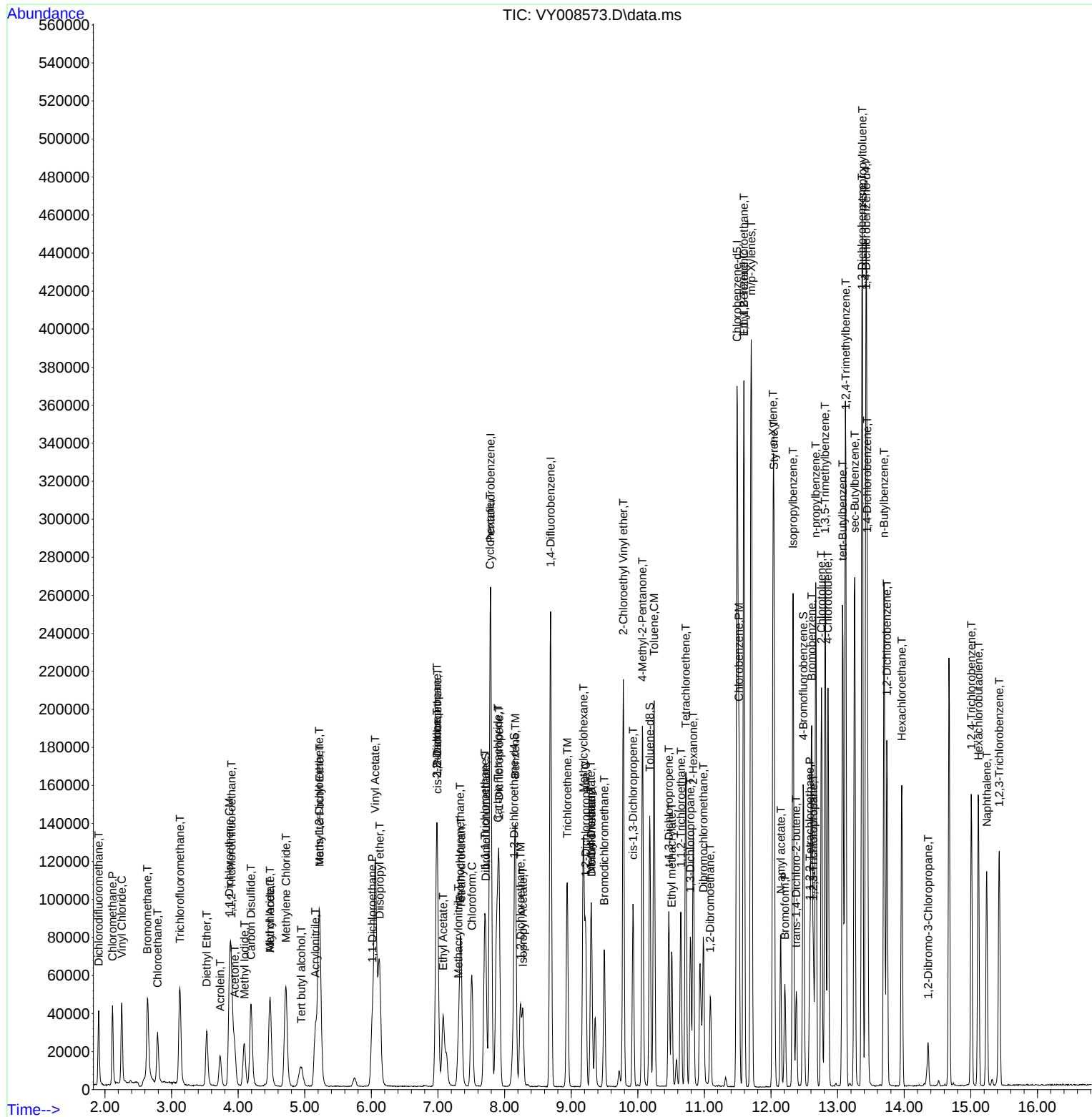
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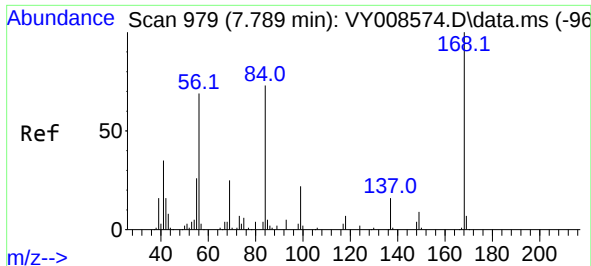
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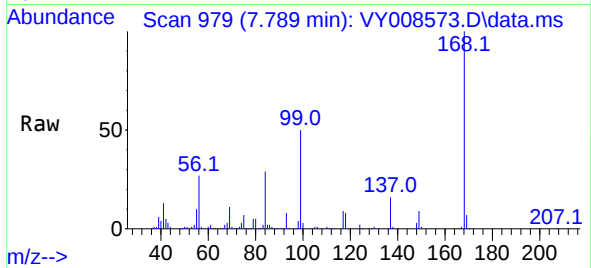
Reviewed By : John Carlone 05/03/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008573.D
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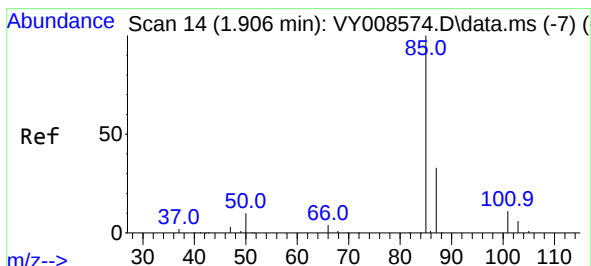
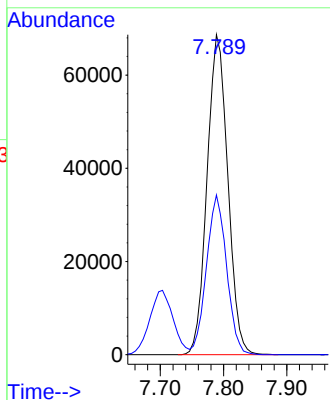
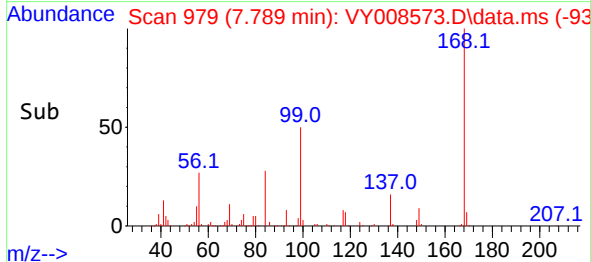
Instrument :
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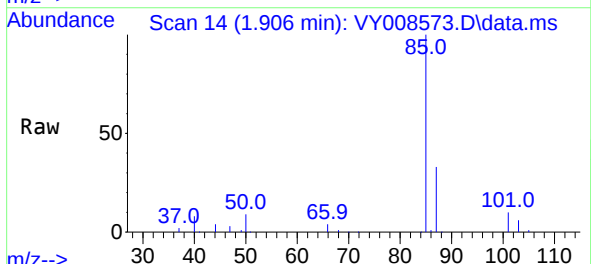
Tgt Ion:168 Resp: 15636
Ion Ratio Lower Upper
168 100
99 49.9 46.9 70.3

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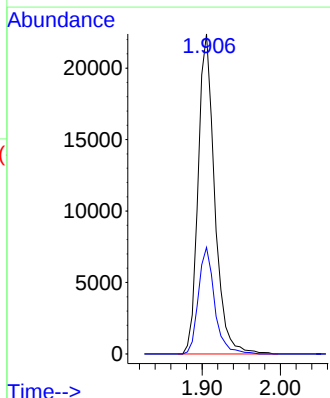
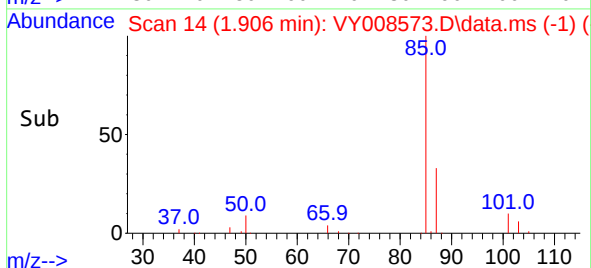
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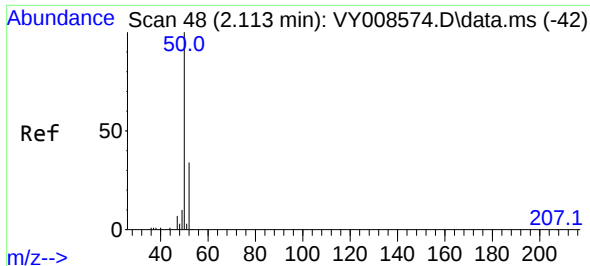


#2
Dichlorodifluoromethane
Concen: 23.181 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008573.D
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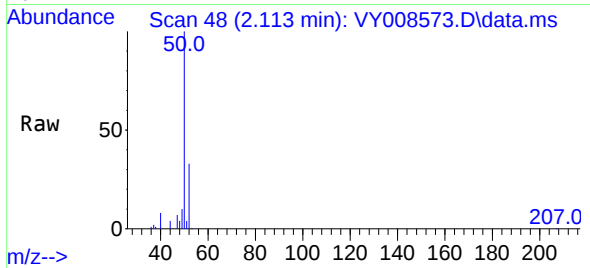
Tgt Ion: 85 Resp: 32894
Ion Ratio Lower Upper
85 100
87 33.3 16.1 48.2





#3
Chloromethane
Concen: 16.808 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

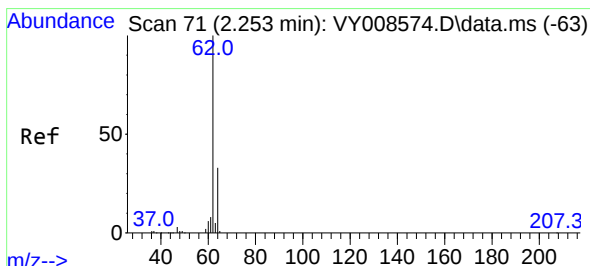
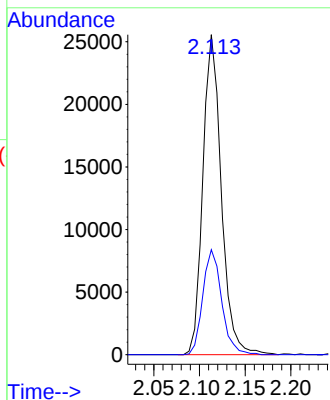
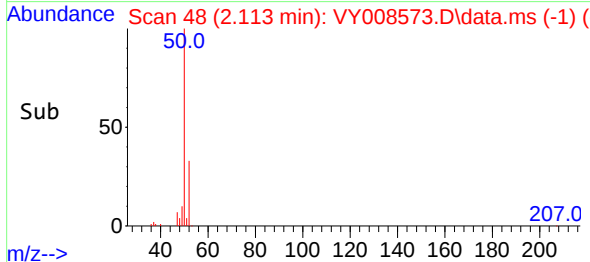
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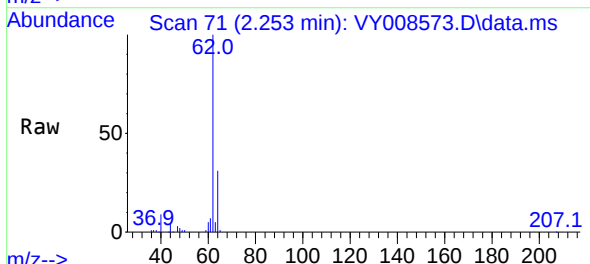
Tgt Ion: 50 Resp: 3582
Ion Ratio Lower Upper
50 100
52 32.8 24.6 37.0

Manual Integrations
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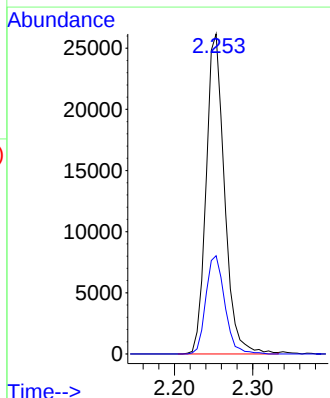
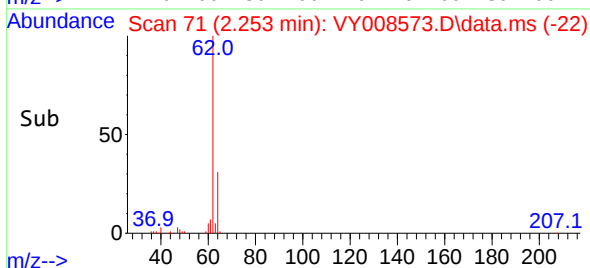
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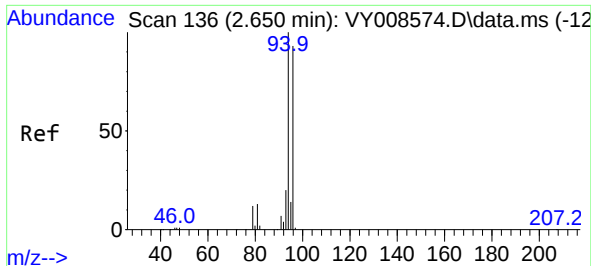


#4
Vinyl Chloride
Concen: 15.530 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY008573.D
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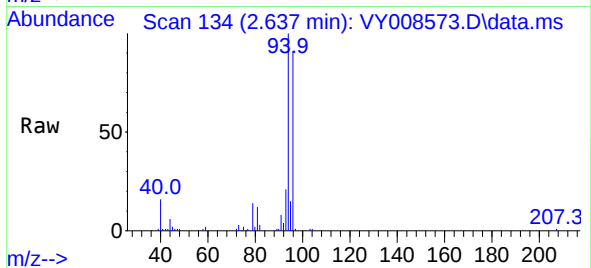
Tgt Ion: 62 Resp: 42568
Ion Ratio Lower Upper
62 100
64 30.7 25.0 37.6





#5
Bromomethane
Concen: 13.464 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY008573.D
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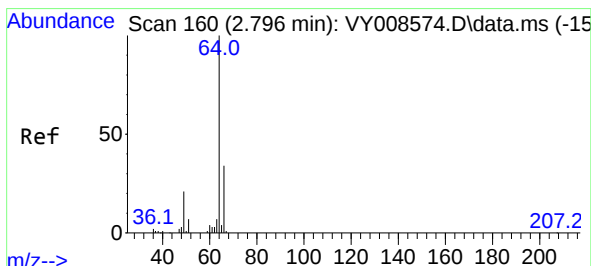
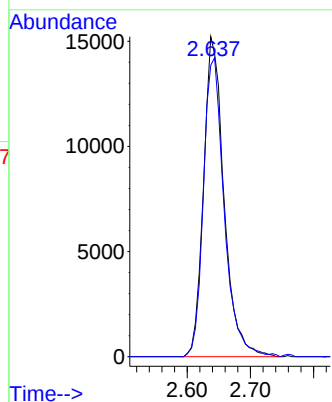
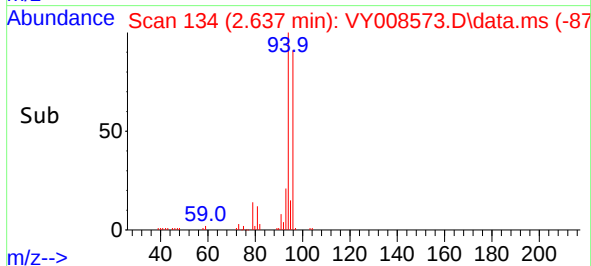
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Tgt Ion: 94 Resp: 3416
Ion Ratio Lower Upper
94 100
96 91.0 73.5 110.3

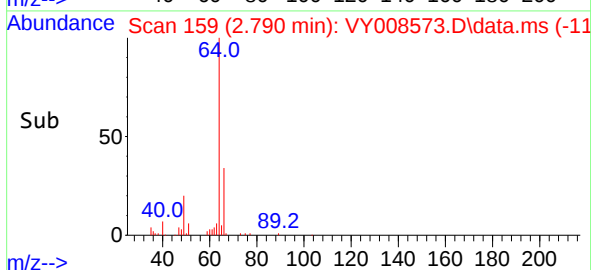
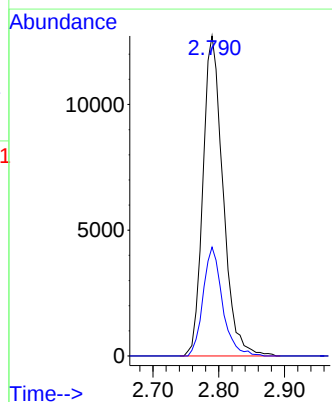
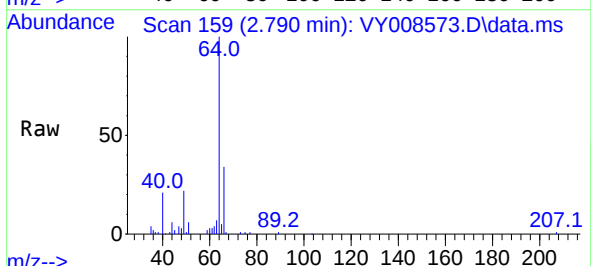
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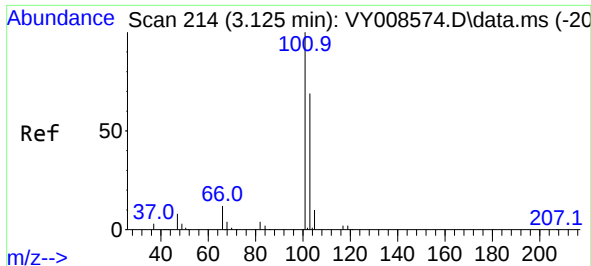
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#6
Chloroethane
Concen: 14.809 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY008573.D
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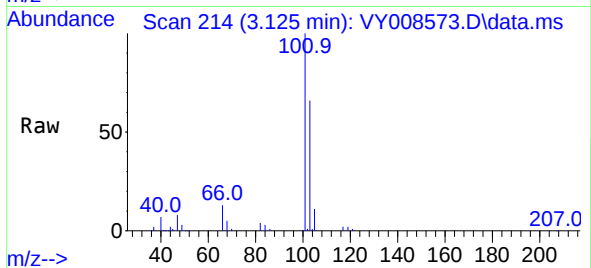
Tgt Ion: 64 Resp: 26965
Ion Ratio Lower Upper
64 100
66 34.0 25.4 38.0





#7
Trichlorofluoromethane
Concen: 19.266 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

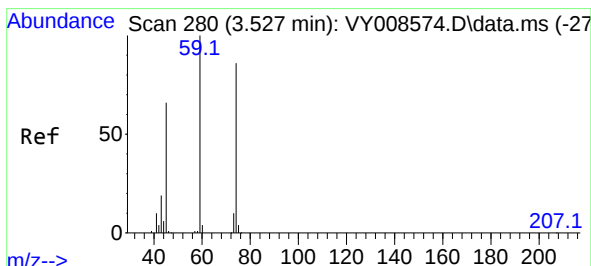
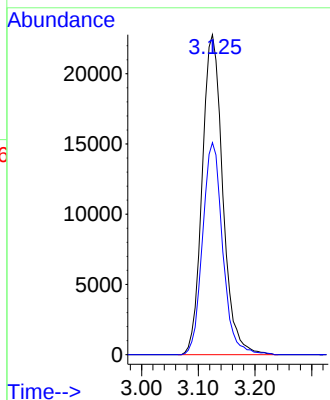
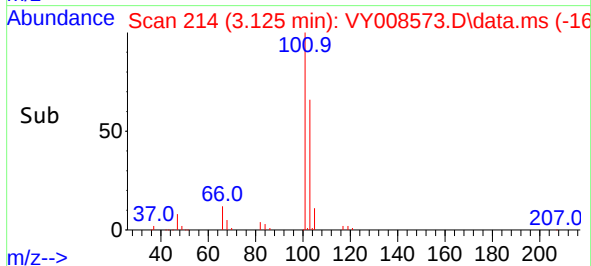
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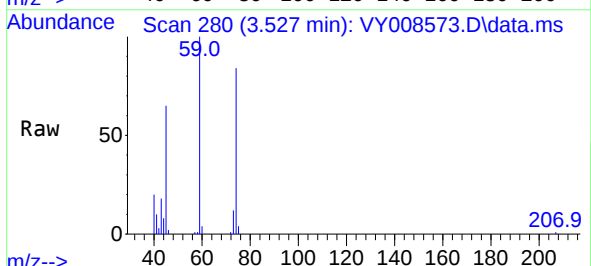
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Ion Ratio Lower Upper
101 100
103 66.2 48.0 72.0

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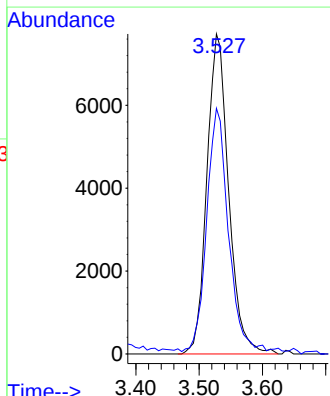
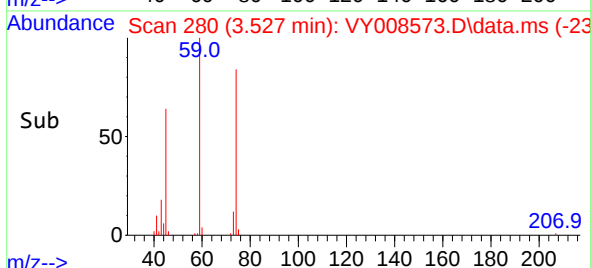
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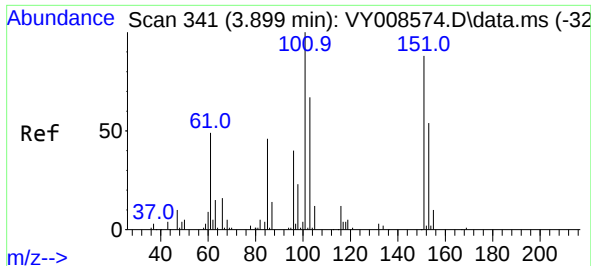


#8
Diethyl Ether
Concen: 18.273 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 18456
Ion Ratio Lower Upper
74 100
45 75.4 55.1 165.5





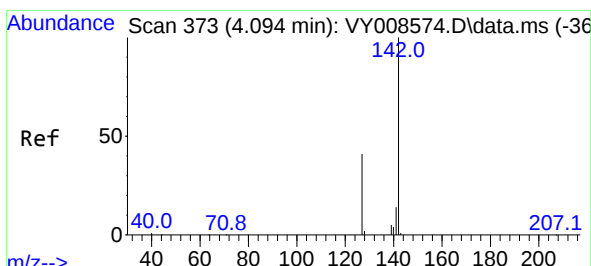
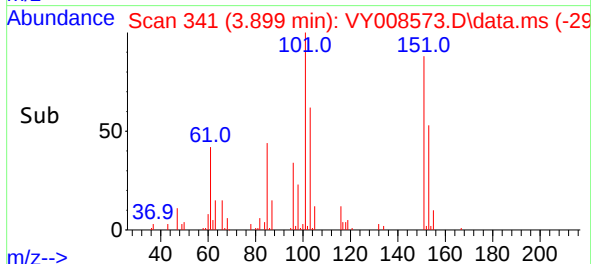
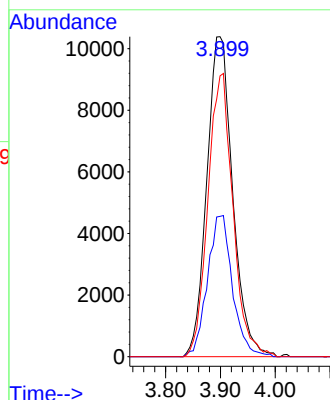
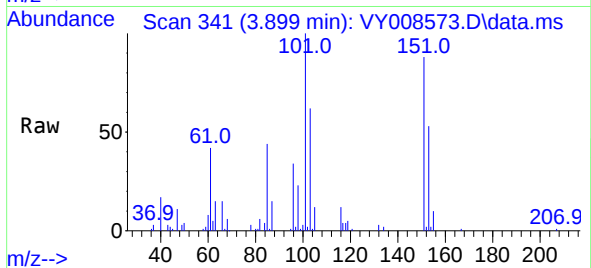
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.231 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 3410
Ion Ratio Lower Upper
101 100
85 42.6 40.6 60.8
151 85.5 64.9 97.3

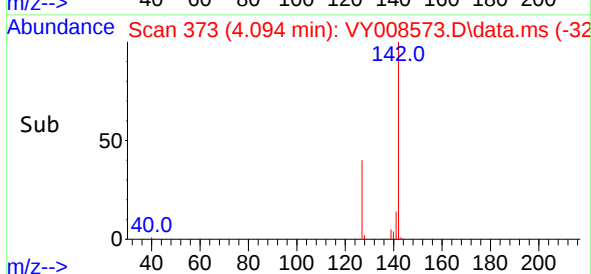
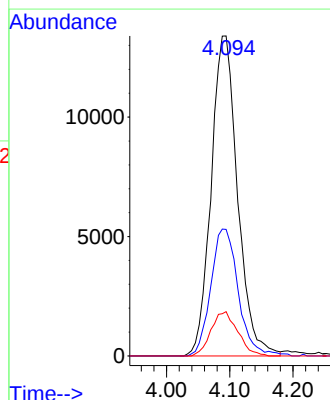
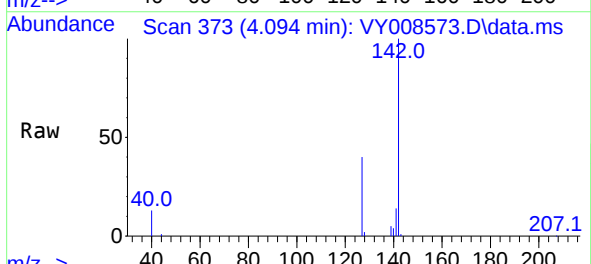
Manual Integrations
APPROVED

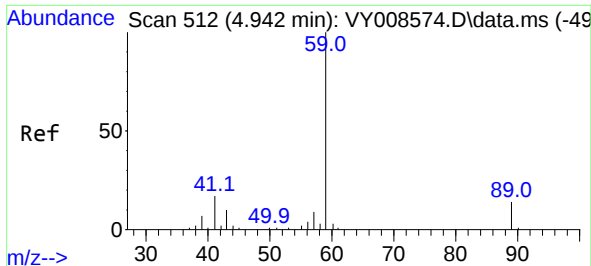
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#10
Methyl Iodide
Concen: 18.311 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

Tgt Ion:142 Resp: 38902
Ion Ratio Lower Upper
142 100
127 41.2 41.5 62.3#
141 14.0 11.9 17.9





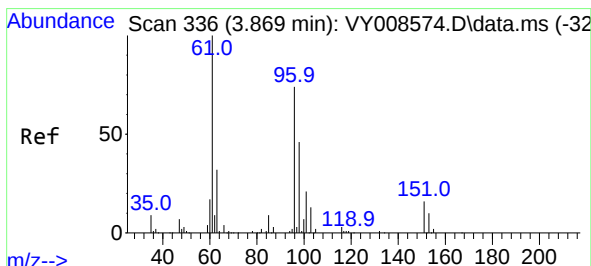
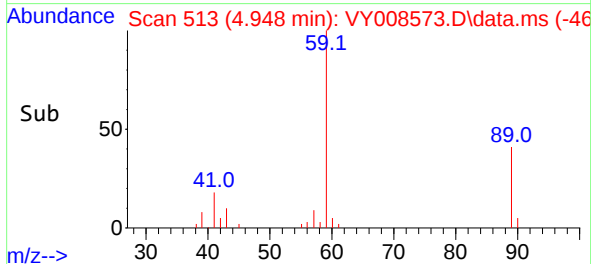
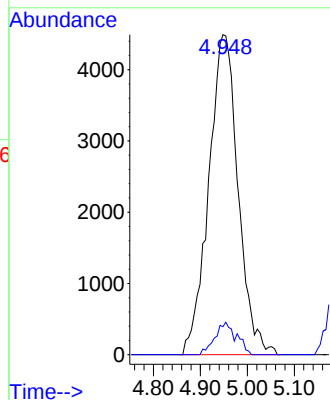
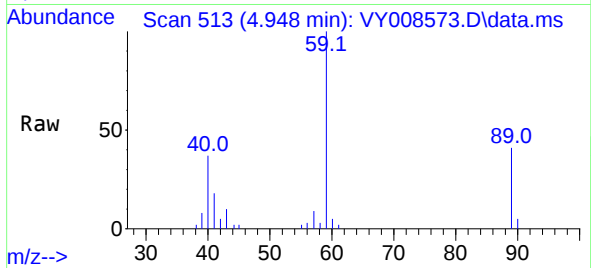
#11
Tert butyl alcohol
Concen: 94.616 ug/l
RT: 4.948 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 1951
Ion Ratio Lower Upper
59 100
57 7.4 6.4 9.6

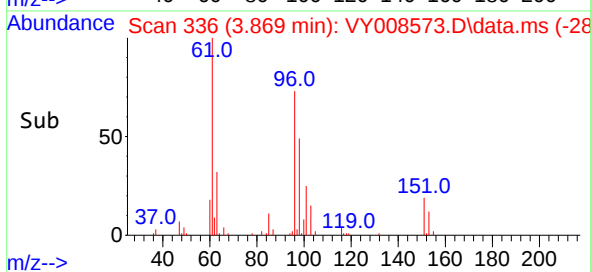
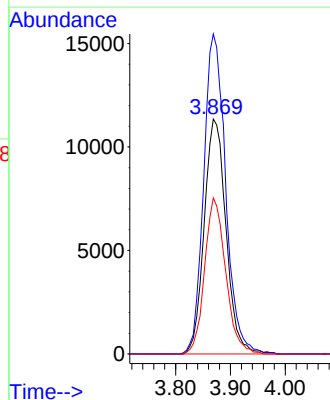
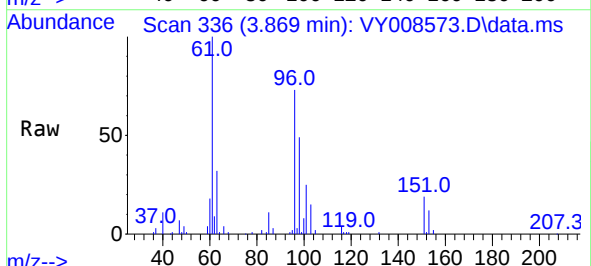
Manual Integrations
APPROVED

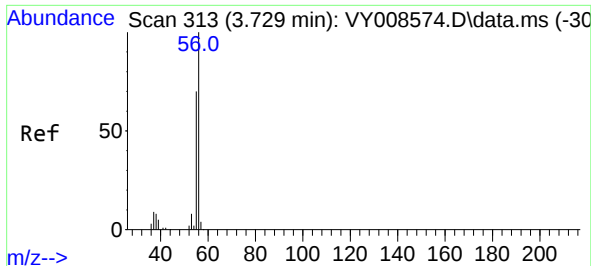
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#12
1,1-Dichloroethene
Concen: 18.815 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

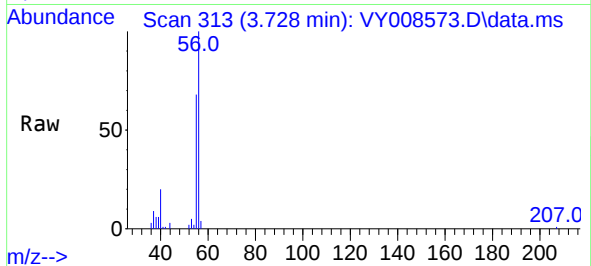
Tgt Ion: 96 Resp: 31401
Ion Ratio Lower Upper
96 100
61 136.1 145.8 218.6#
98 66.4 52.5 78.7





#13
Acrolein
Concen: 100.434 ug/l
RT: 3.728 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

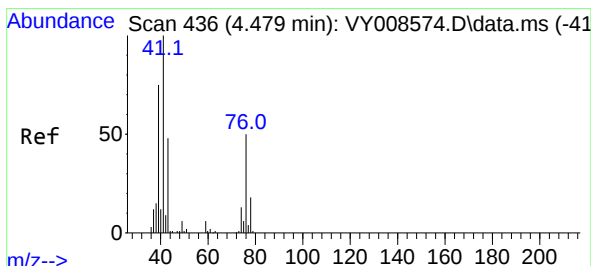
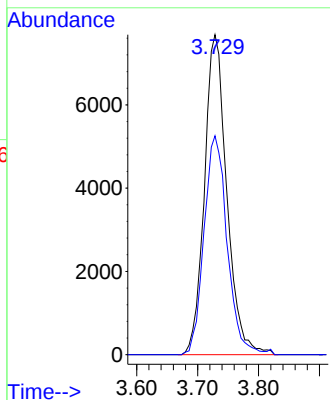
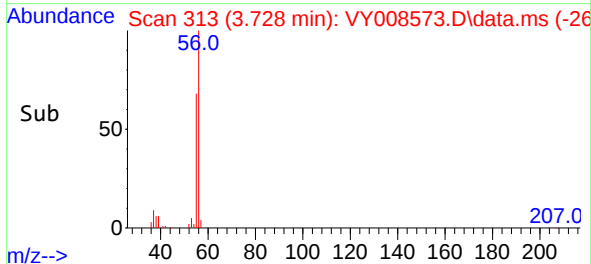
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



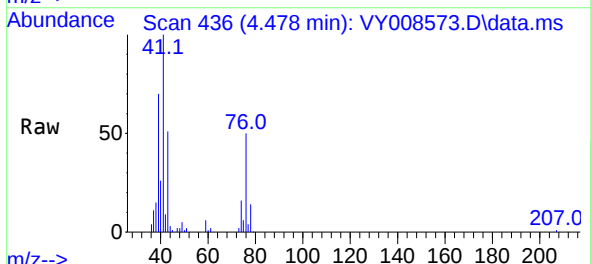
Tgt Ion: 56 Resp: 1964
Ion Ratio Lower Upper
56 100
55 70.8 57.6 86.4

Manual Integrations
APPROVED

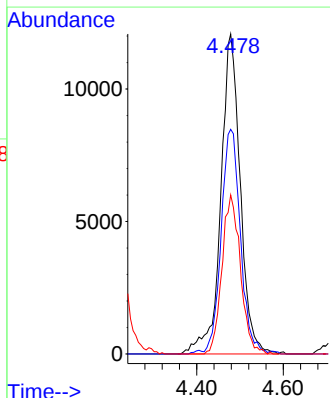
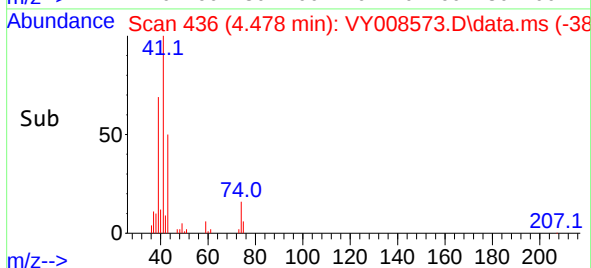
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

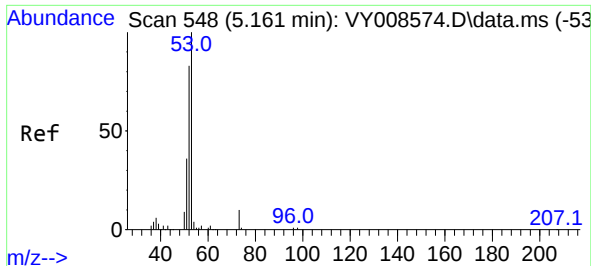


#14
Allyl chloride
Concen: 17.545 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



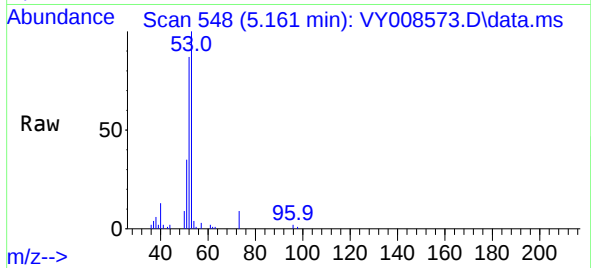
Tgt Ion: 41 Resp: 37773
Ion Ratio Lower Upper
41 100
39 69.7 58.8 88.2
76 47.2 25.1 37.7#





#15
Acrylonitrile
Concen: 81.830 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

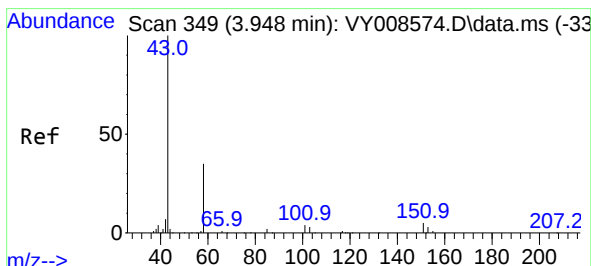
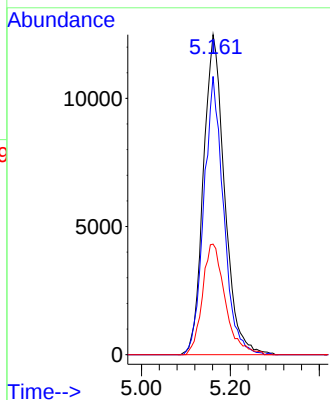
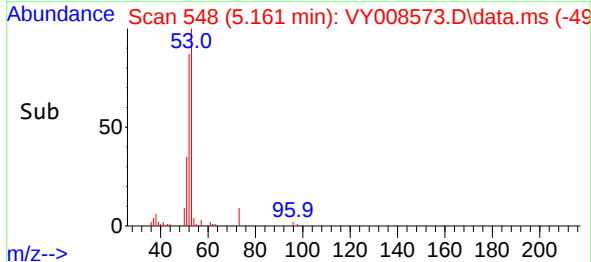
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 4143
Ion Ratio Lower Upper
53 100
52 80.8 67.0 100.4
51 37.0 29.8 44.6

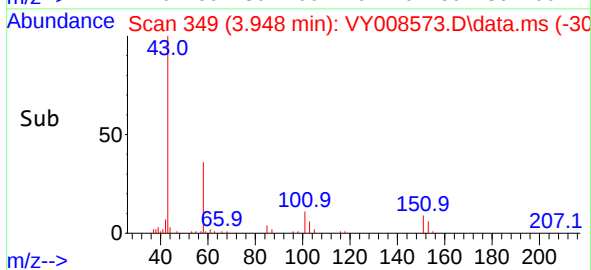
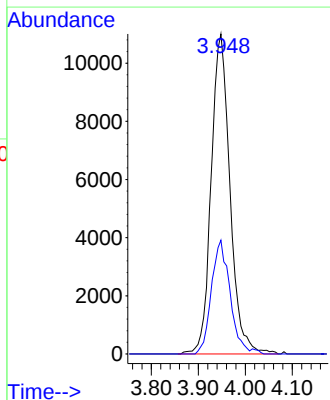
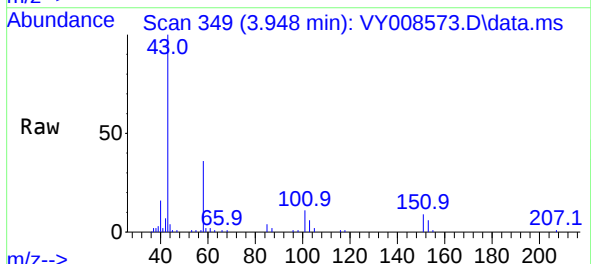
Manual Integrations
APPROVED

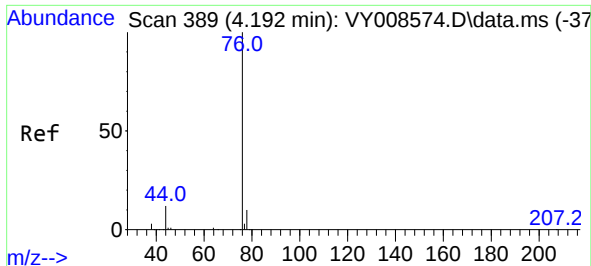
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#16
Acetone
Concen: 75.820 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

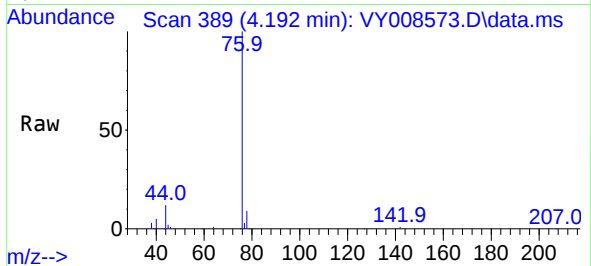
Tgt Ion: 43 Resp: 30658
Ion Ratio Lower Upper
43 100
58 35.5 22.0 33.0#





#17
Carbon Disulfide
Concen: 17.997 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

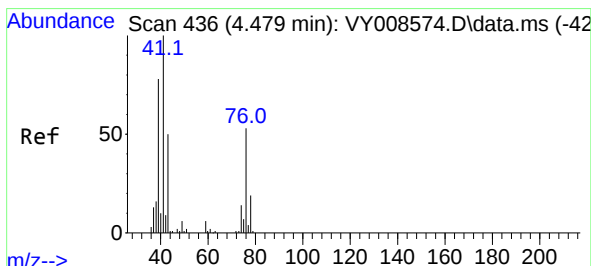
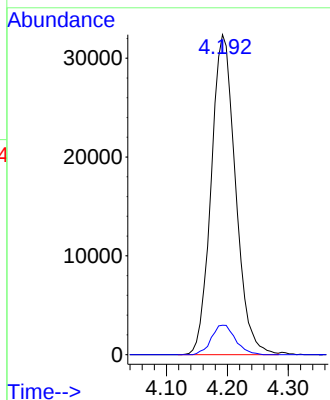
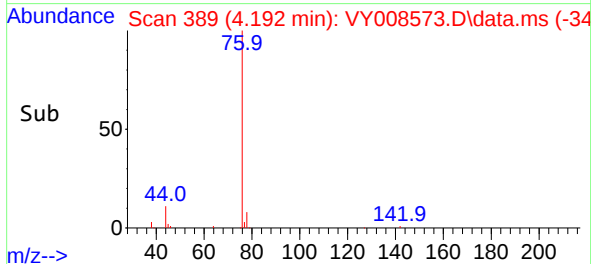
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



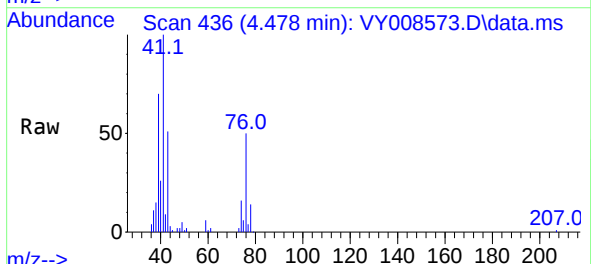
Tgt Ion: 76 Resp: 8984
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
APPROVED

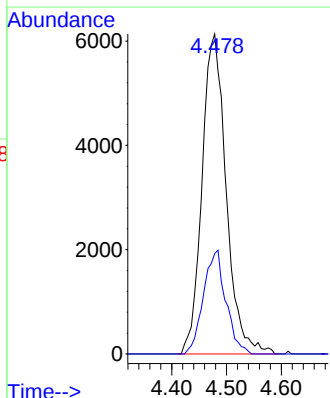
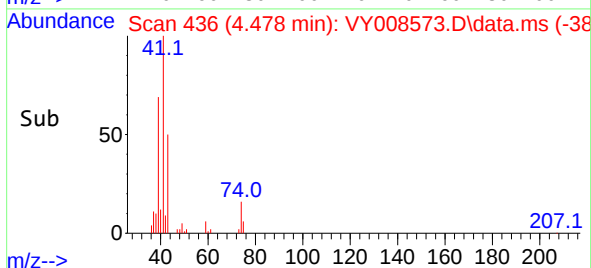
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

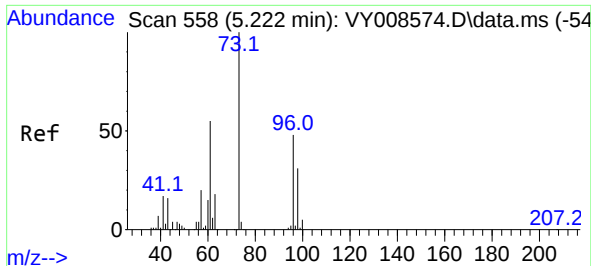


#18
Methyl Acetate
Concen: 16.287 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



Tgt Ion: 43 Resp: 18767
Ion Ratio Lower Upper
43 100
74 30.0 16.6 24.8





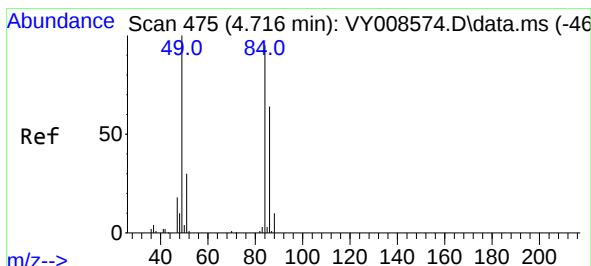
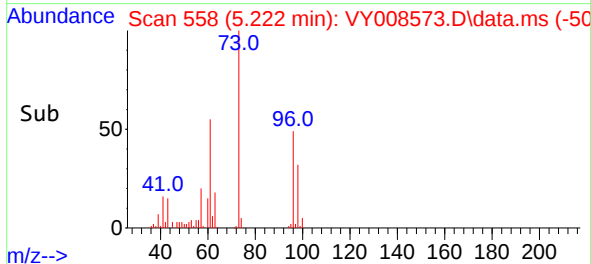
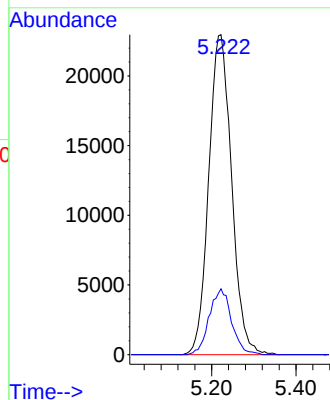
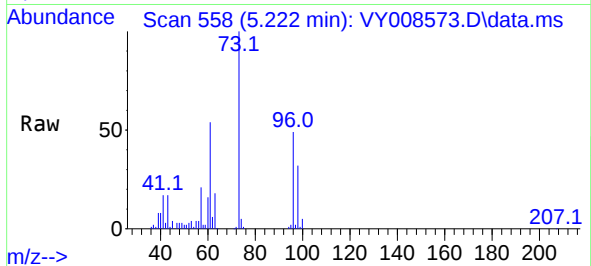
#19
Methyl tert-butyl Ether
Concen: 16.832 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 8645
Ion Ratio Lower Upper
73 100
57 20.6 18.6 27.8

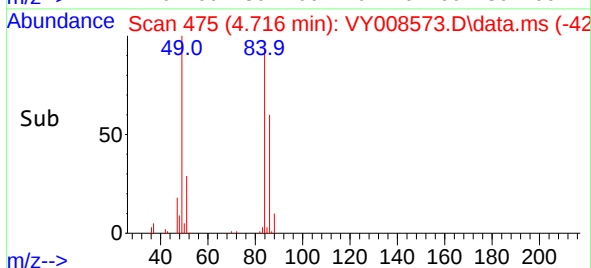
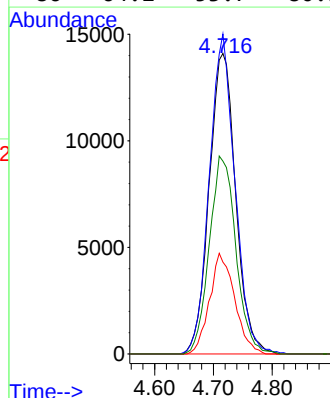
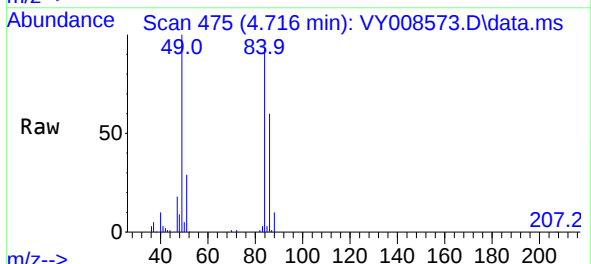
Manual Integrations
APPROVED

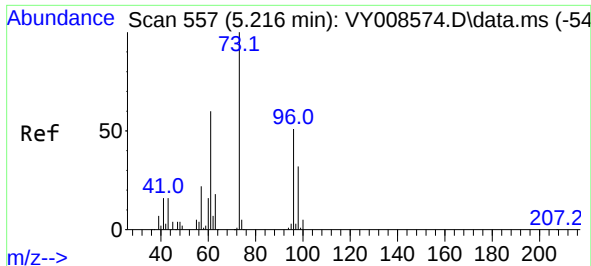
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#20
Methylene Chloride
Concen: 16.864 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

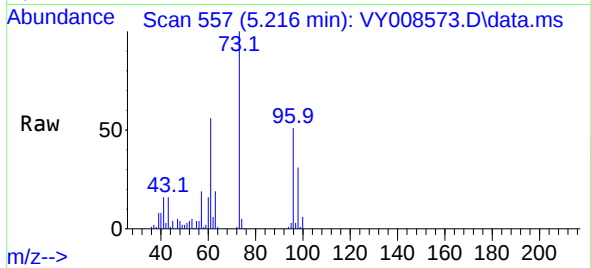
Tgt Ion: 84 Resp: 44252
Ion Ratio Lower Upper
84 100
49 106.5 114.4 171.6#
51 30.6 35.3 52.9#
86 64.2 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 17.821 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

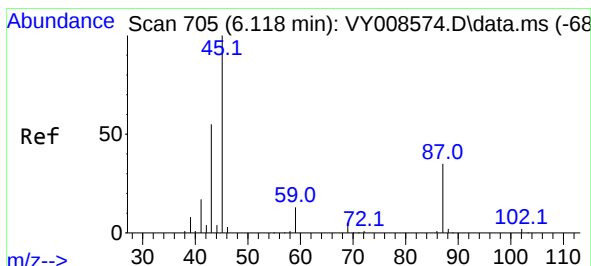
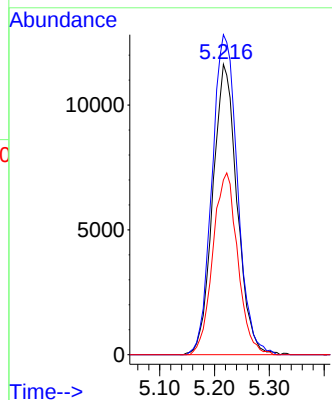
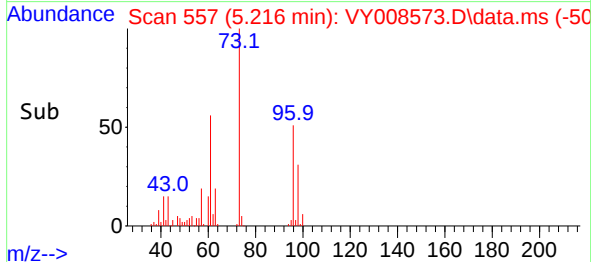
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



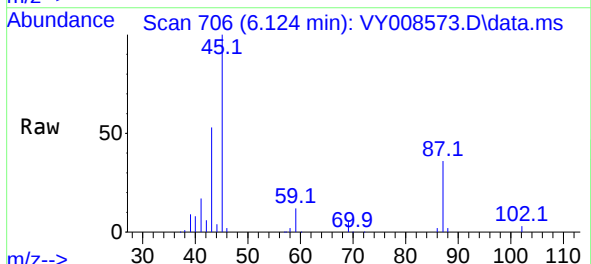
Tgt Ion: 96 Resp: 3582
Ion Ratio Lower Upper
96 100
61 110.2 120.5 180.7
98 60.2 49.8 74.8

Manual Integrations
APPROVED

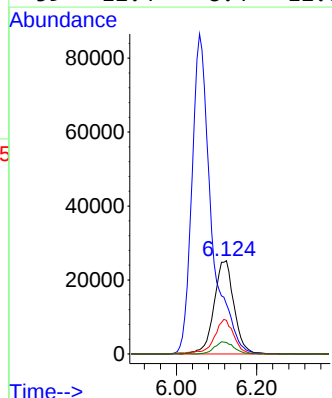
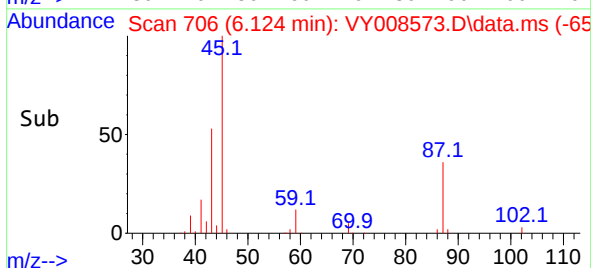
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

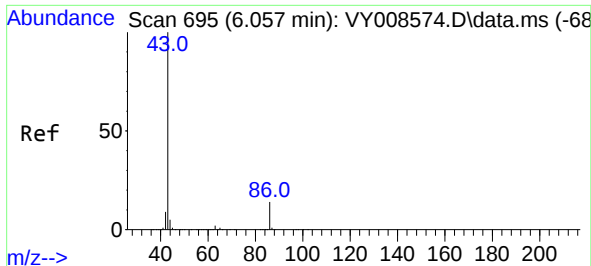


#22
Diisopropyl ether
Concen: 16.937 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



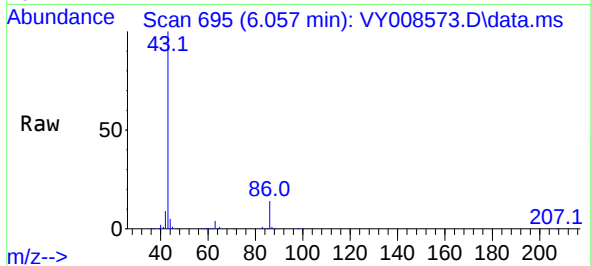
Tgt Ion: 45 Resp: 87173
Ion Ratio Lower Upper
45 100
43 53.4 49.3 73.9
87 36.1 19.2 28.8
59 12.4 8.4 12.6





#23
 Vinyl Acetate
 Concen: 82.859 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY008573.D
 Acq: 02 May 2022 15:57

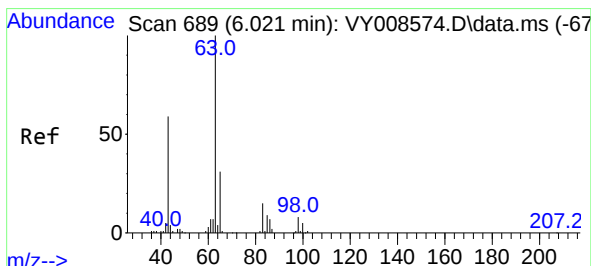
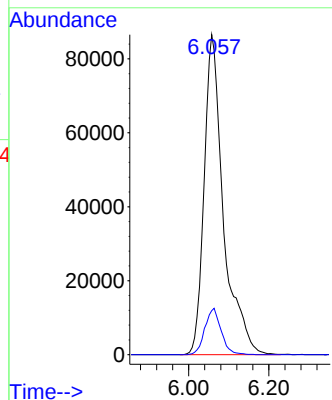
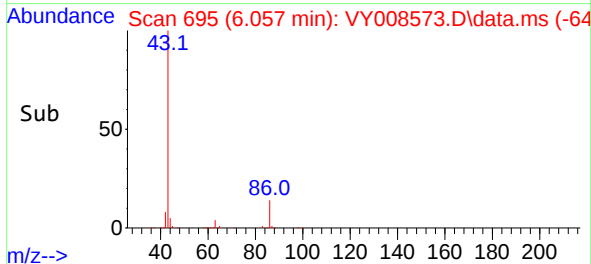
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



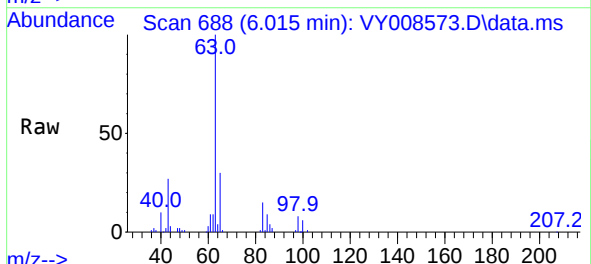
Tgt Ion: 43 Resp: 289634
 Ion Ratio Lower Upper
 43 100
 86 13.8 7.1 10.7

Manual Integrations
 APPROVED

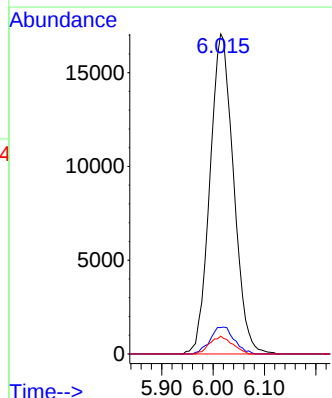
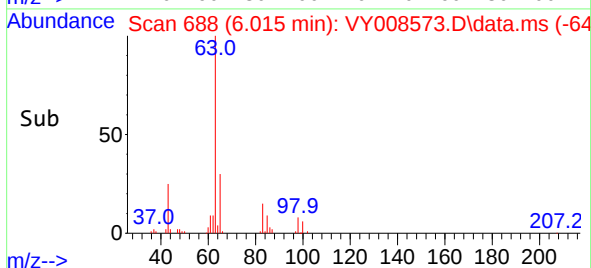
Reviewed By :John Carlone 05/03/2022
 Supervised By :Mahesh Dadoda 05/03/2022

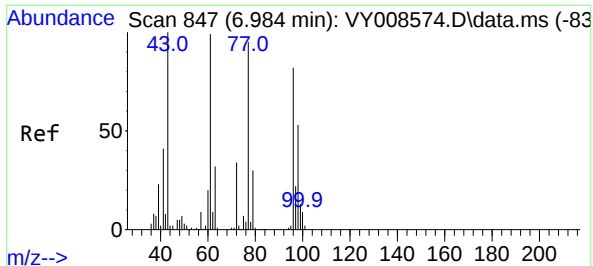


#24
 1,1-Dichloroethane
 Concen: 16.958 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008573.D
 Acq: 02 May 2022 15:57



Tgt Ion: 63 Resp: 54453
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.8
 100 5.5 2.0 5.8





#25

2-Butanone

Concen: 80.454 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY008573.D

Acq: 02 May 2022 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 50624

Ion Ratio Lower Upper

43 100

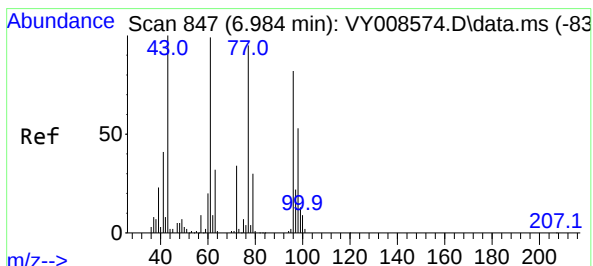
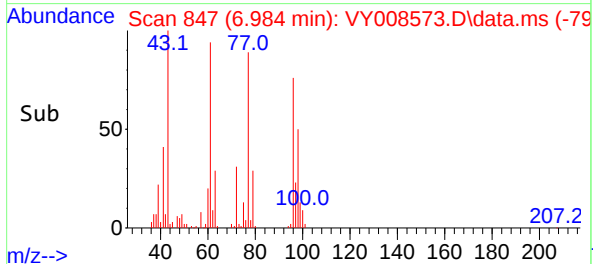
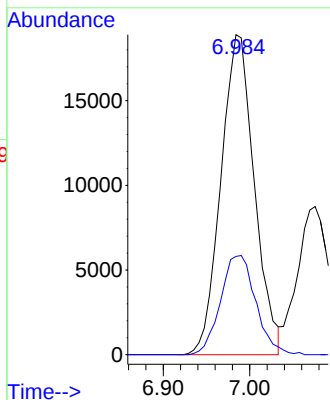
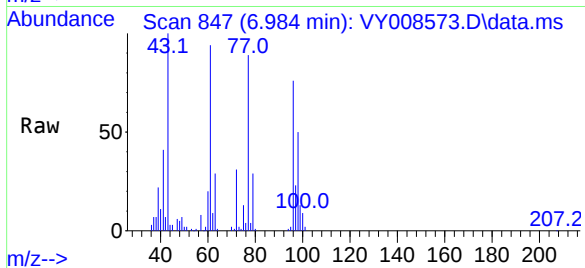
72 30.7 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#26

2,2-Dichloropropane

Concen: 17.509 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY008573.D

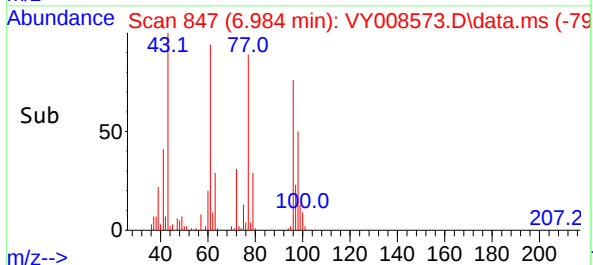
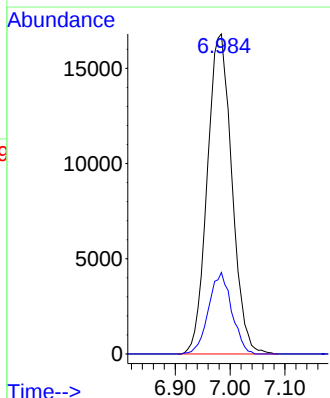
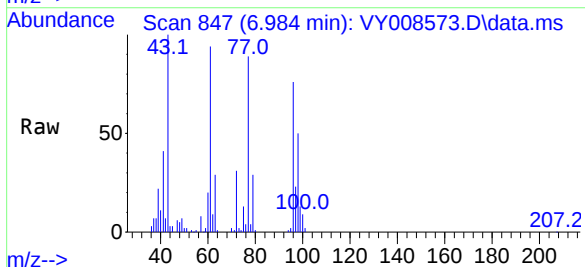
Acq: 02 May 2022 15:57

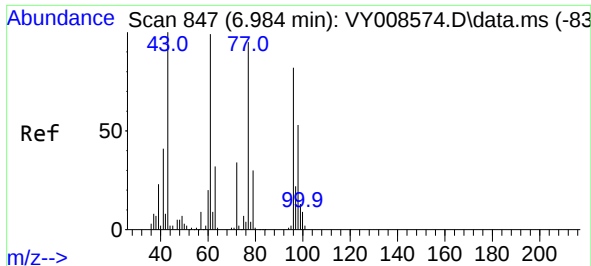
Tgt Ion: 77 Resp: 52390

Ion Ratio Lower Upper

77 100

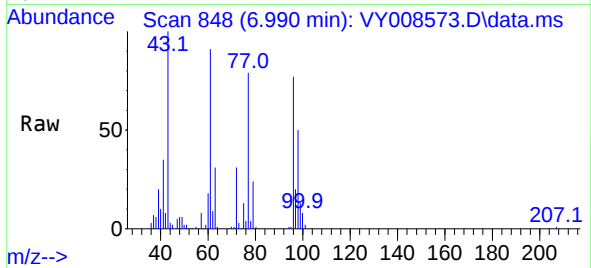
97 23.9 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 17.483 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

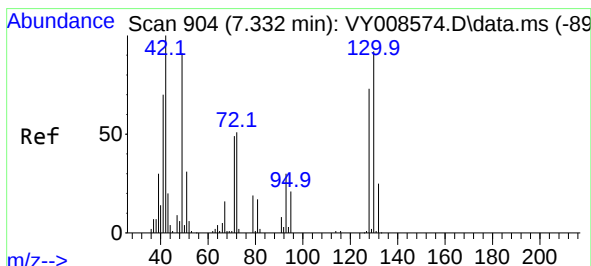
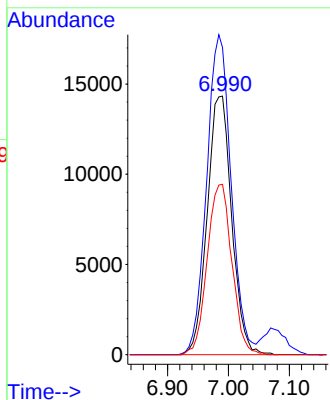
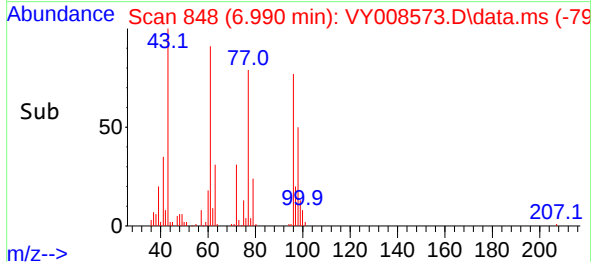
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 4010
Ion Ratio Lower Upper
96 100
61 123.9 0.0 319.8
98 66.3 0.0 127.0

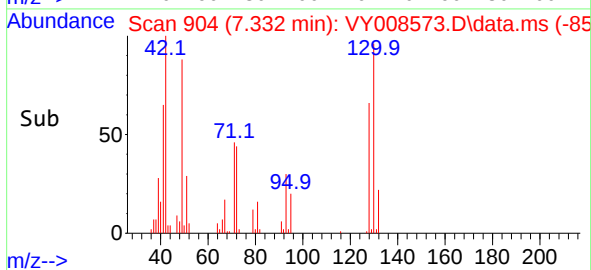
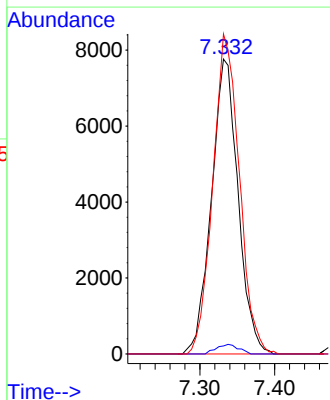
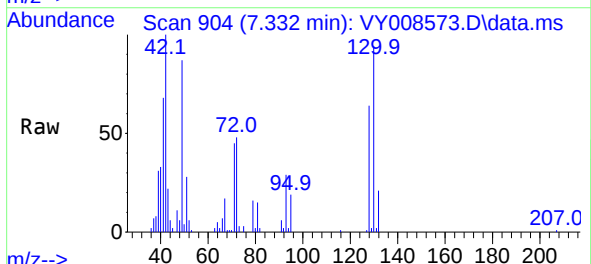
Manual Integrations
APPROVED

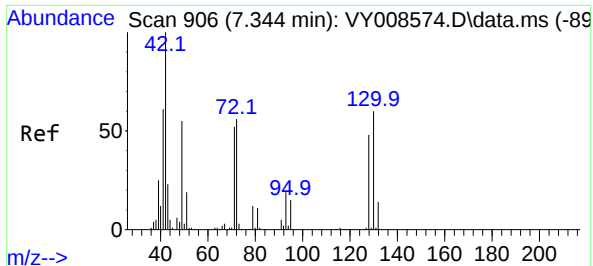
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#28
Bromochloromethane
Concen: 15.121 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

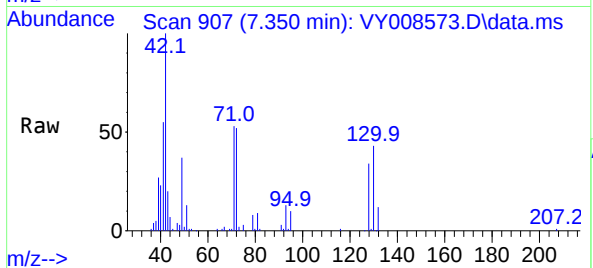
Tgt Ion: 49 Resp: 19225
Ion Ratio Lower Upper
49 100
129 2.7 0.0 2.2#
130 108.1 55.4 83.0#





#29
Tetrahydrofuran
Concen: 82.681 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

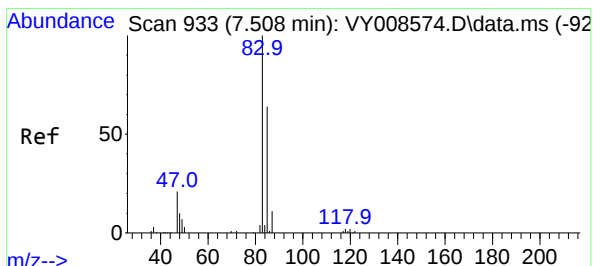
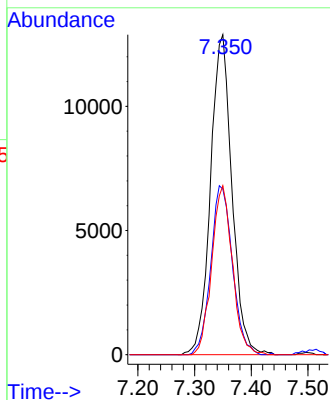
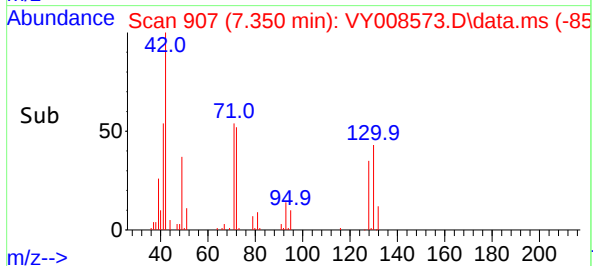
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



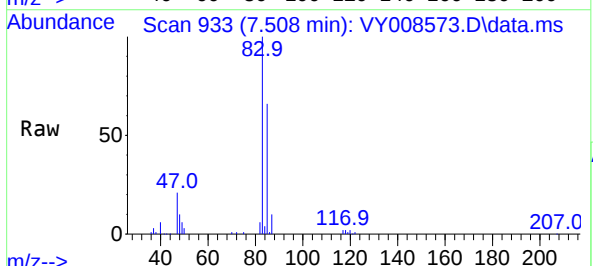
Tgt Ion: 42 Resp: 33769
Ion Ratio Lower Upper
42 100
72 53.4 30.3 45.5
71 50.8 29.0 43.4

Manual Integrations
APPROVED

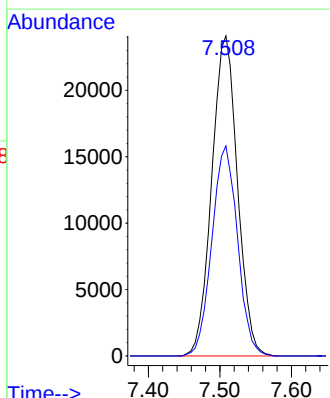
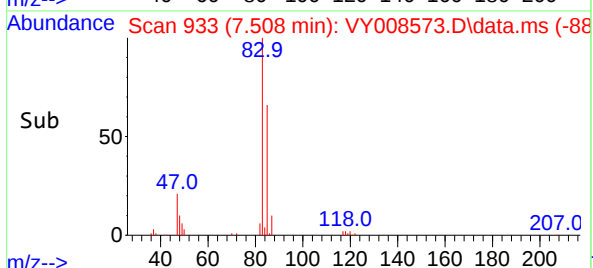
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

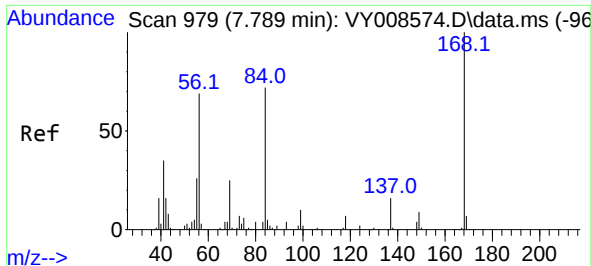


#30
Chloroform
Concen: 17.027 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



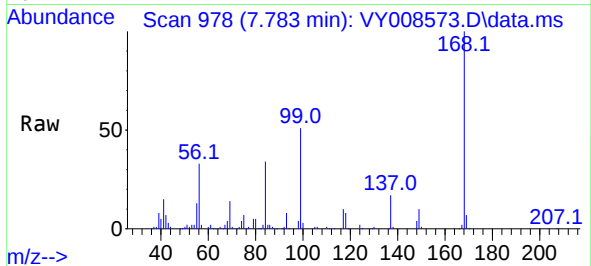
Tgt Ion: 83 Resp: 60149
Ion Ratio Lower Upper
83 100
85 65.7 51.8 77.6





#31
Cyclohexane
Concen: 17.135 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

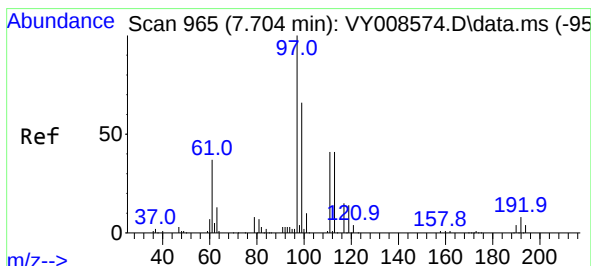
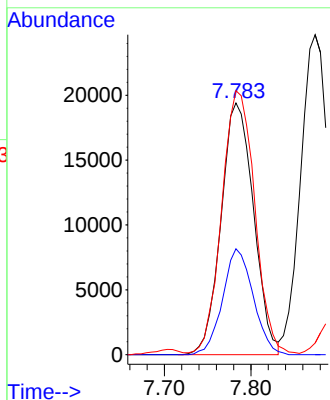
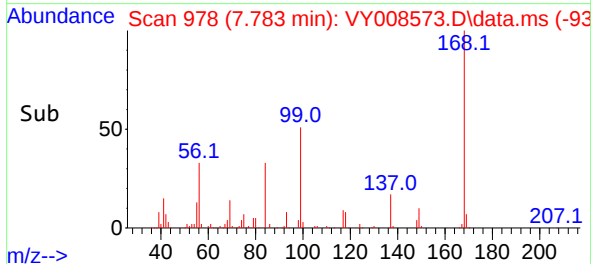
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



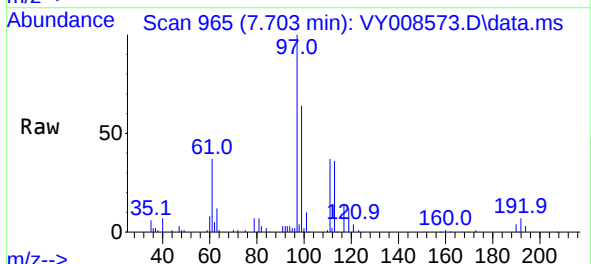
Tgt Ion: 56 Resp: 5060
Ion Ratio Lower Upper
56 100
69 42.1 26.7 40.1
84 103.5 67.2 100.8

Manual Integrations
APPROVED

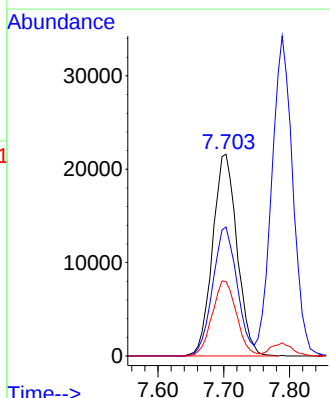
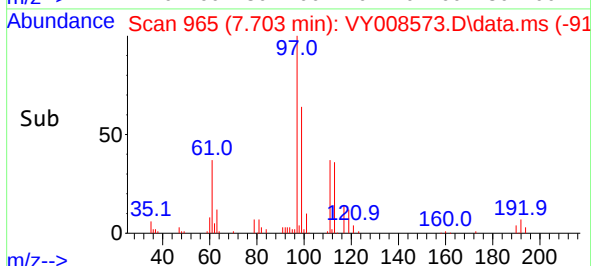
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

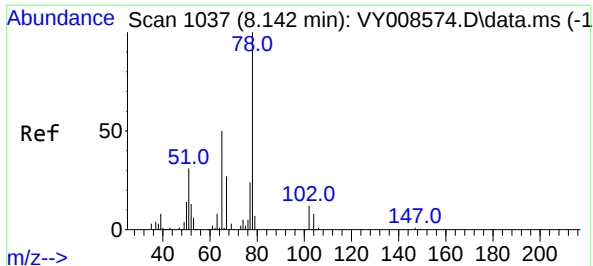


#32
1,1,1-Trichloroethane
Concen: 17.895 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



Tgt Ion: 97 Resp: 55863
Ion Ratio Lower Upper
97 100
99 64.0 50.7 76.1
61 37.0 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 14.872 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY008573.D

Acq: 02 May 2022 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 2604

Ion Ratio Lower Upper

65 100

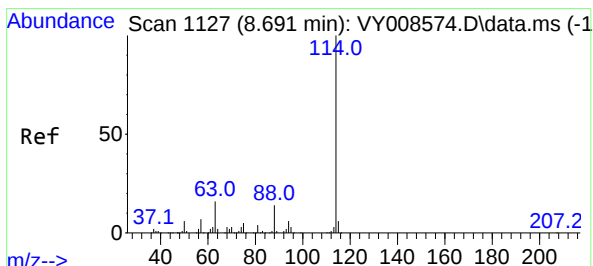
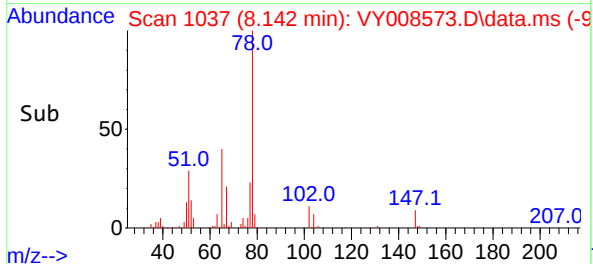
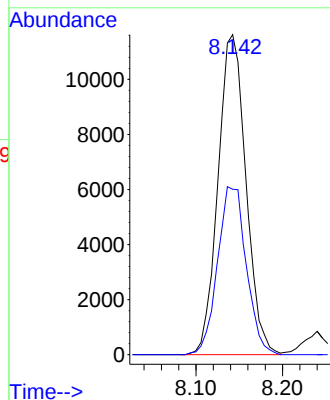
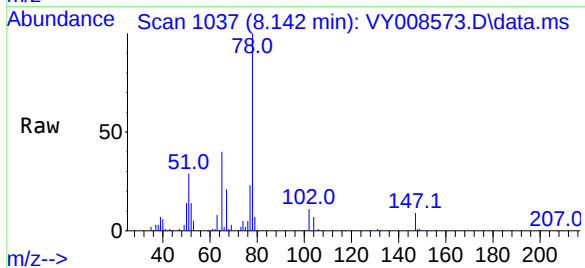
67 54.0 0.0 99.4

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: VY008573.D

Acq: 02 May 2022 15:57

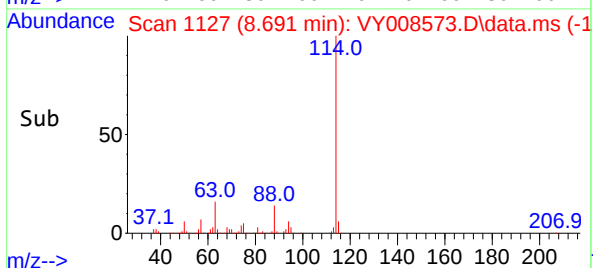
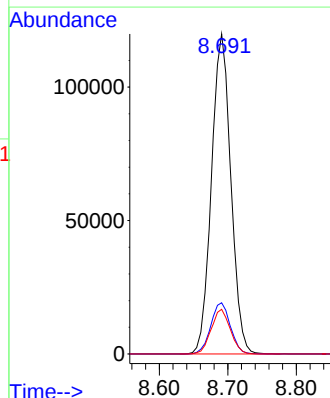
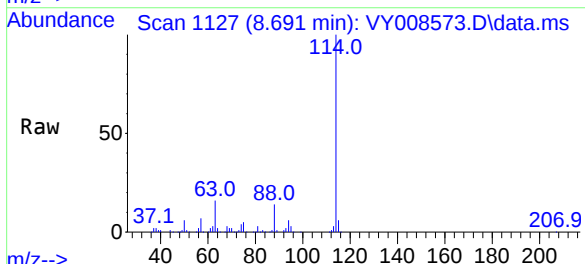
Tgt Ion:114 Resp: 235402

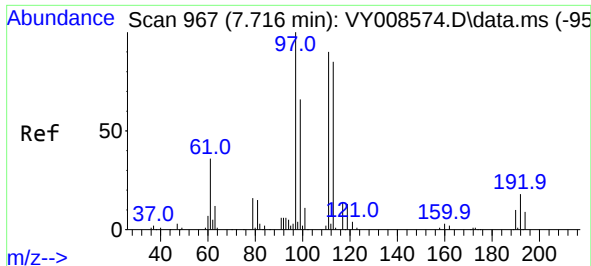
Ion Ratio Lower Upper

114 100

63 16.0 0.0 43.2

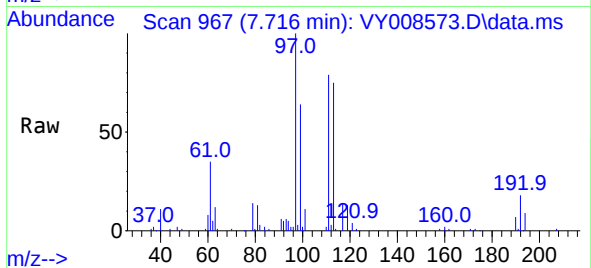
88 14.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 18.876 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

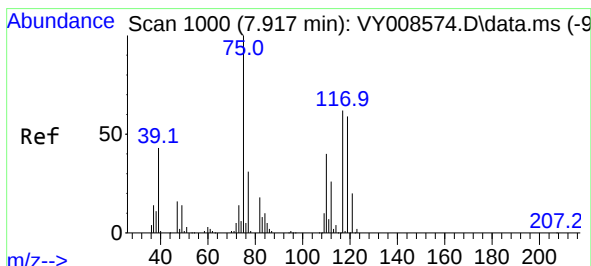
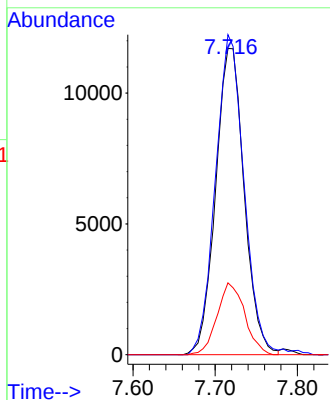
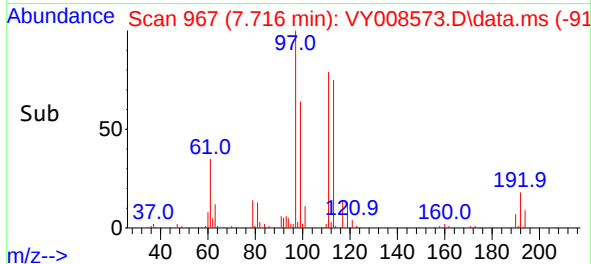
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



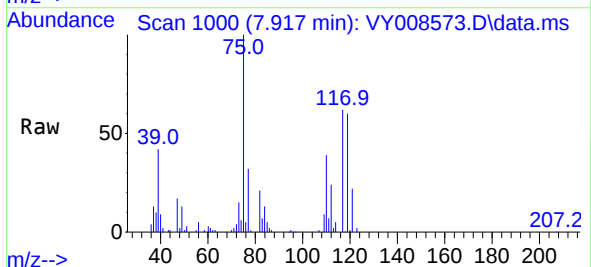
Tgt Ion: 113 Resp: 28238
Ion Ratio Lower Upper
113 100
111 105.1 82.6 124.0
192 22.7 17.6 26.4

Manual Integrations
APPROVED

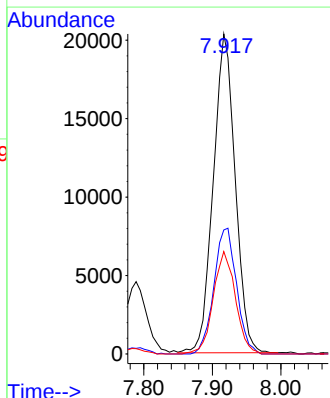
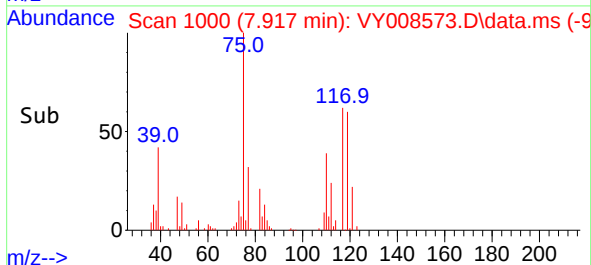
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

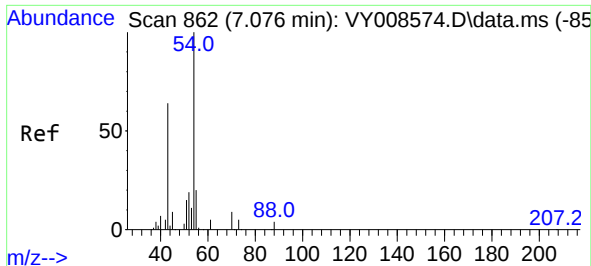


#36
1,1-Dichloropropene
Concen: 18.717 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



Tgt Ion: 75 Resp: 45102
Ion Ratio Lower Upper
75 100
110 40.7 17.1 51.2
77 32.5 24.4 36.6





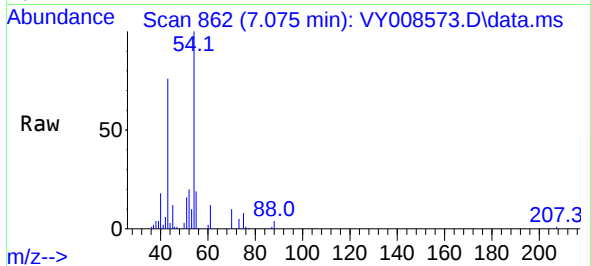
#37
Ethyl Acetate
Concen: 18.425 ug/l
RT: 7.075 min Scan# 862
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

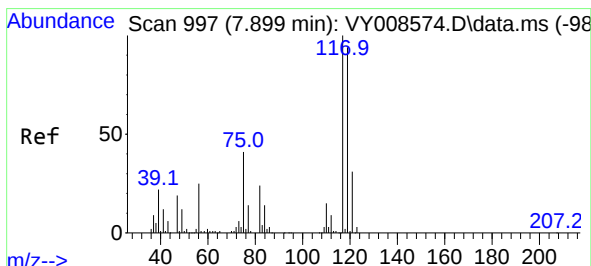
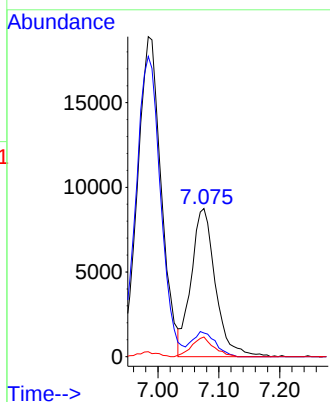
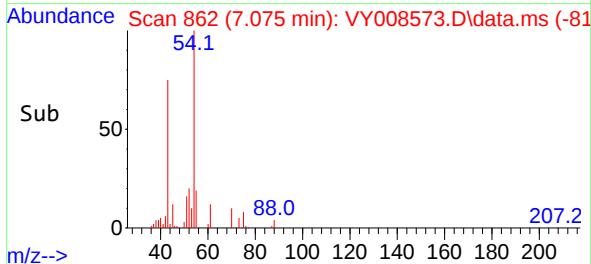


Tgt Ion: 43 Resp: 2420
Ion Ratio Lower Upper
43 100
61 16.0 9.7 14.5
70 12.0 7.1 10.7

Manual Integrations

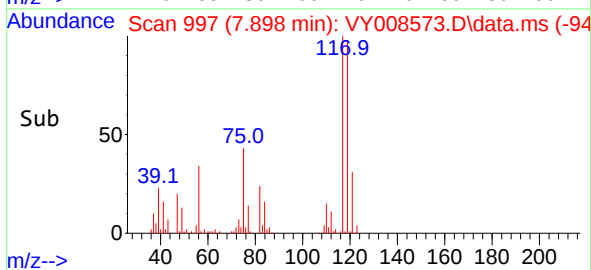
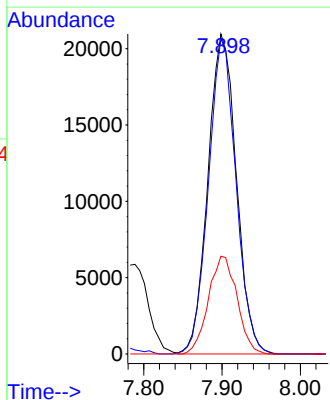
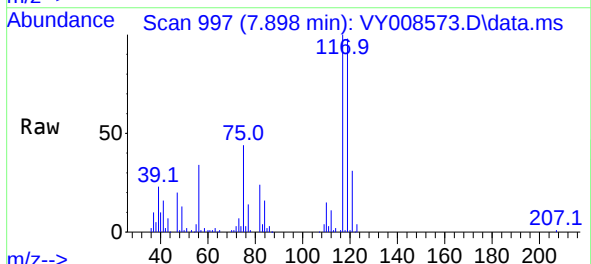
APPROVED

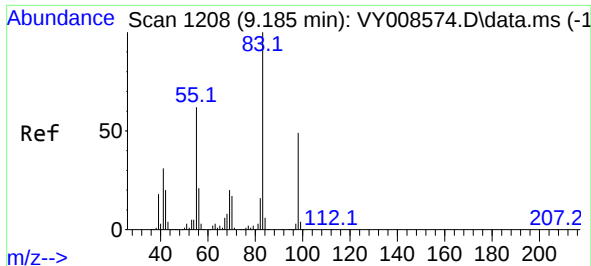
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#38
Carbon Tetrachloride
Concen: 20.766 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

Tgt Ion:117 Resp: 52813
Ion Ratio Lower Upper
117 100
119 98.4 77.9 116.9
121 30.5 24.8 37.2





#39

Methylcyclohexane

Concen: 19.540 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008573.D

Acq: 02 May 2022 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 6060

Ion Ratio Lower Upper

83 100

55 61.7 66.5 99.7

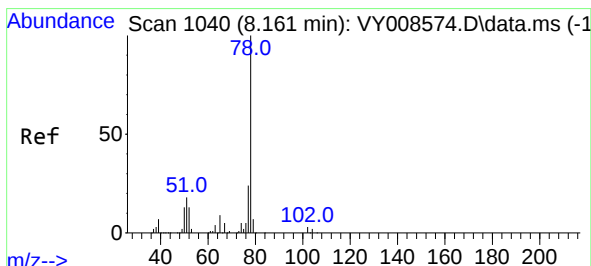
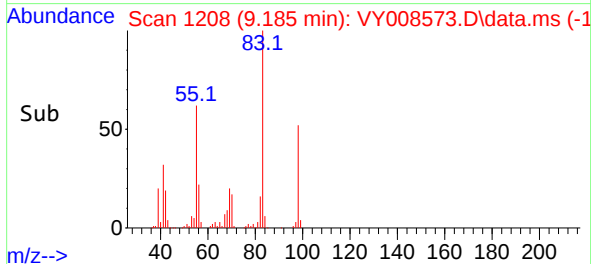
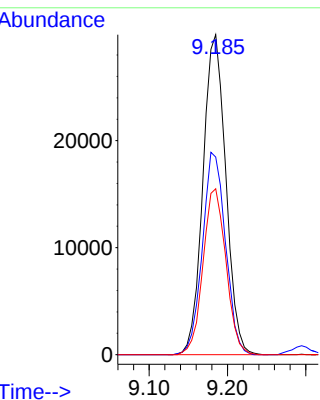
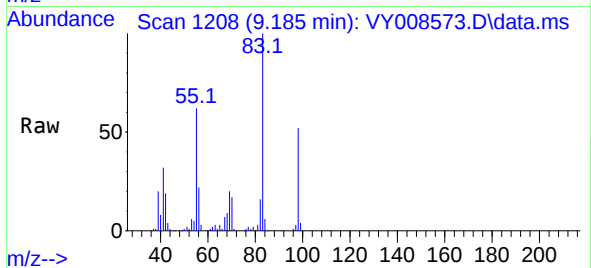
98 51.9 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#40

Benzene

Concen: 19.174 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008573.D

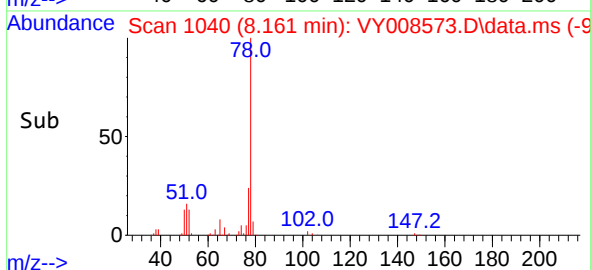
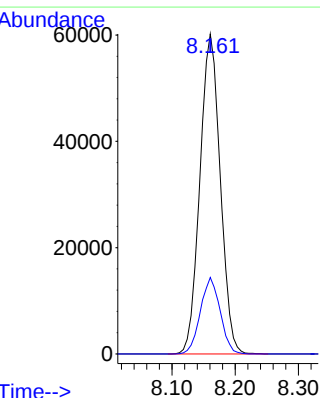
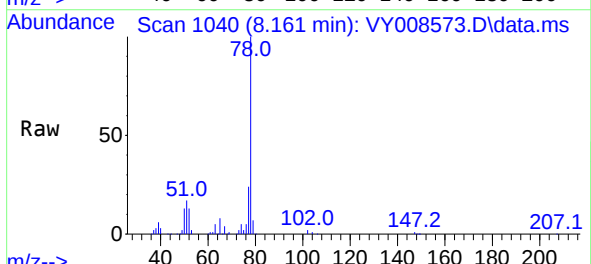
Acq: 02 May 2022 15:57

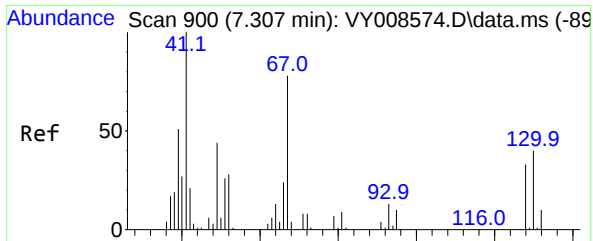
Tgt Ion: 78 Resp: 134261

Ion Ratio Lower Upper

78 100

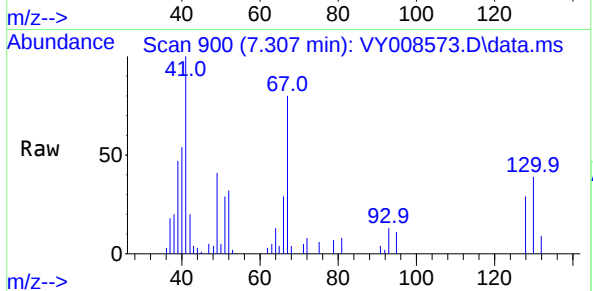
77 23.9 20.4 30.6





#41
Methacrylonitrile
Concen: 18.103 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

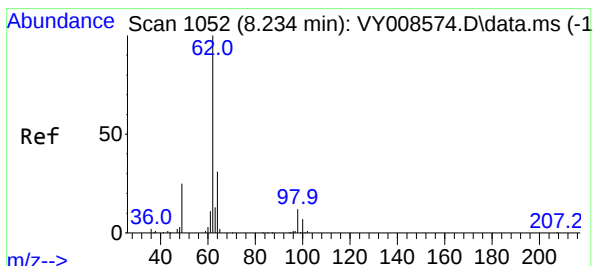
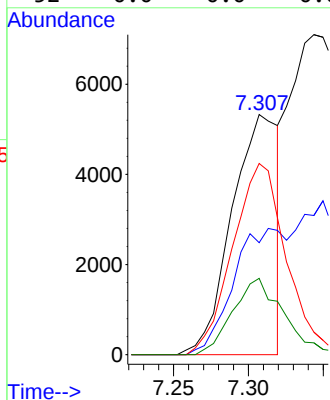
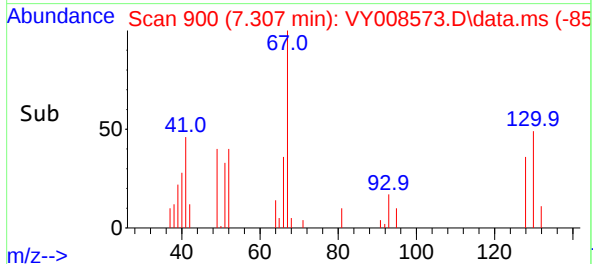
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



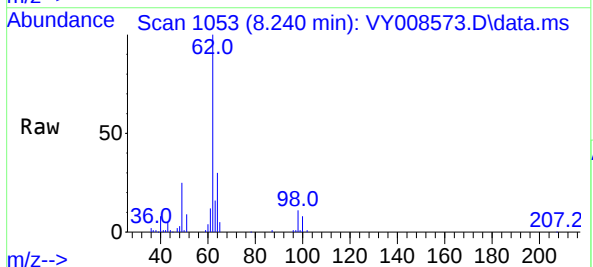
Tgt Ion: 41 Resp: 11480
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

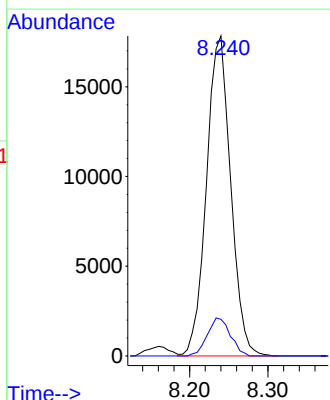
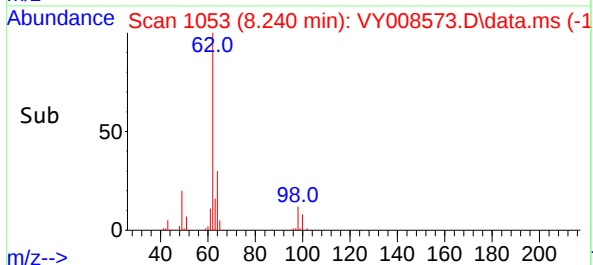
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

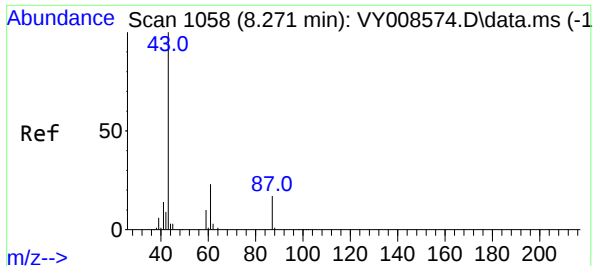


#42
1,2-Dichloroethane
Concen: 18.363 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



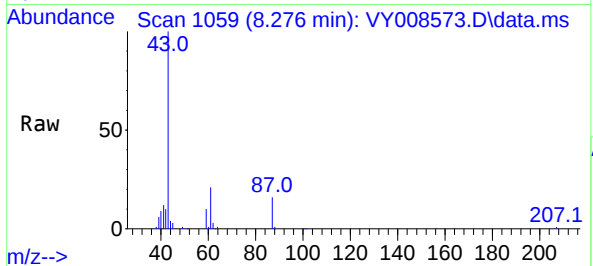
Tgt Ion: 62 Resp: 38317
Ion Ratio Lower Upper
62 100
98 11.3 0.0 14.8





#43
Isopropyl Acetate
Concen: 18.276 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

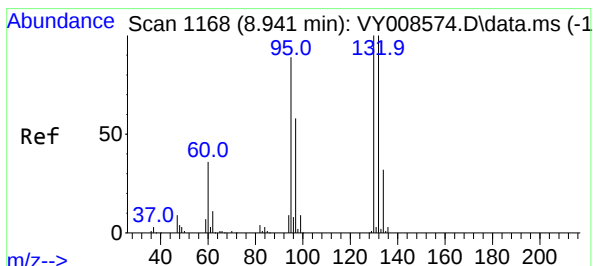
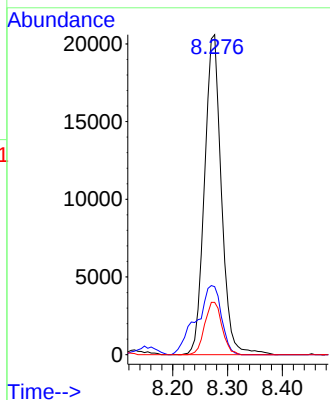
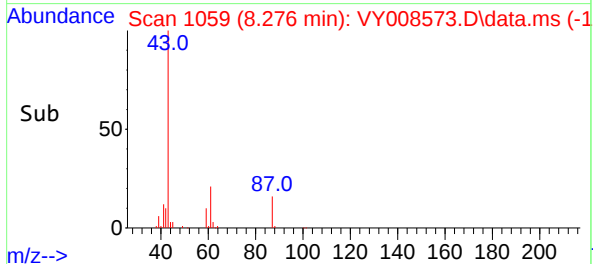
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 43875
Ion Ratio Lower Upper
43 100
61 31.9 20.2 30.2
87 16.8 8.9 13.3

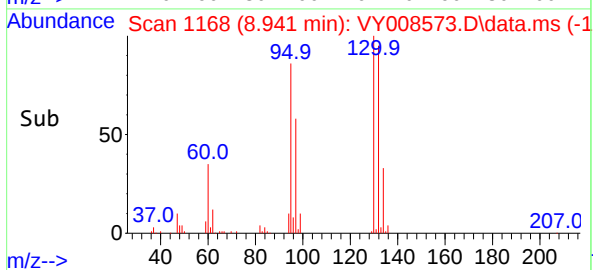
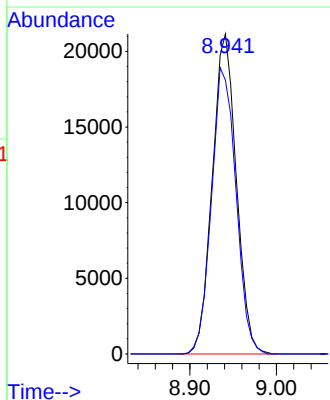
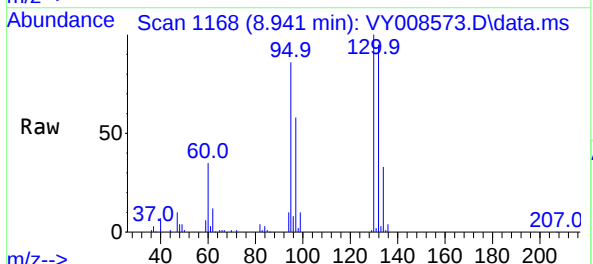
Manual Integrations
APPROVED

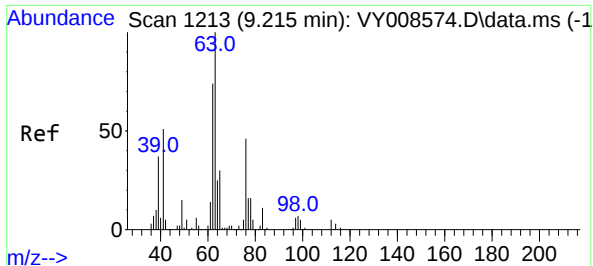
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#44
Trichloroethene
Concen: 20.602 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

Tgt Ion:130 Resp: 40706
Ion Ratio Lower Upper
130 100
95 85.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 18.524 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY008573.D

Acq: 02 May 2022 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 30914

Ion Ratio Lower Upper

63 100

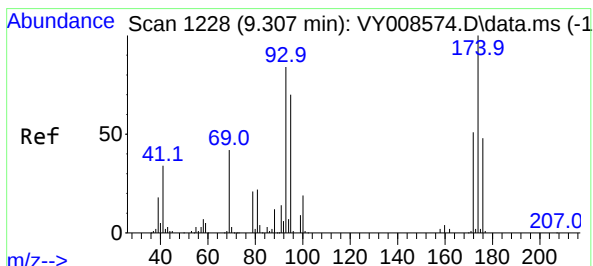
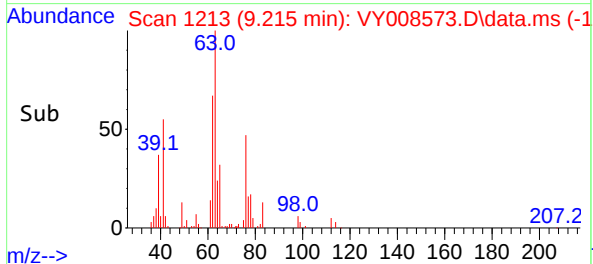
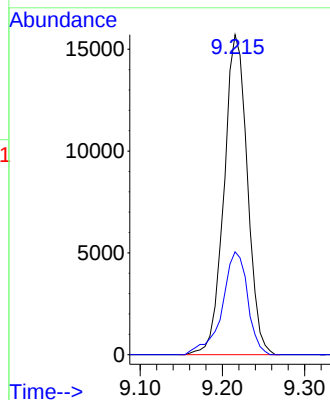
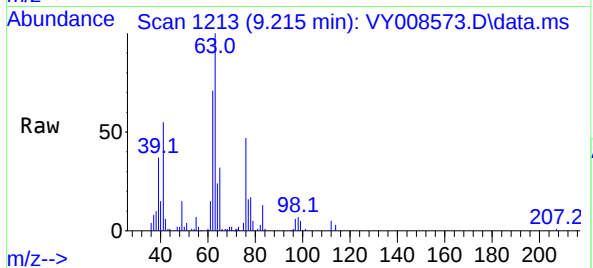
65 32.1 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#46

Dibromomethane

Concen: 18.140 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY008573.D

Acq: 02 May 2022 15:57

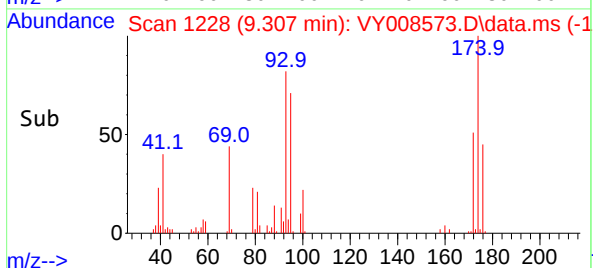
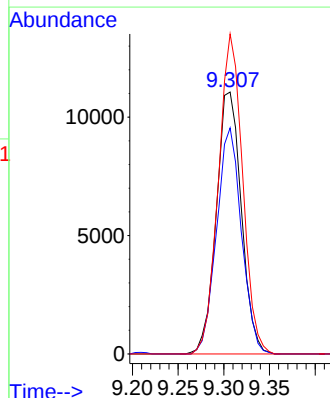
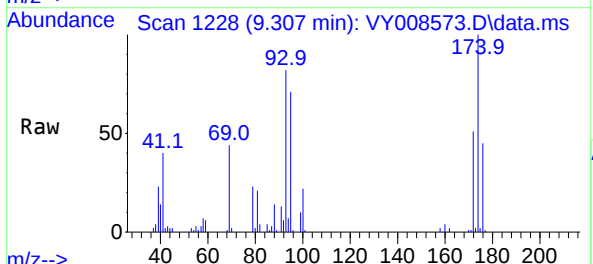
Tgt Ion: 93 Resp: 21107

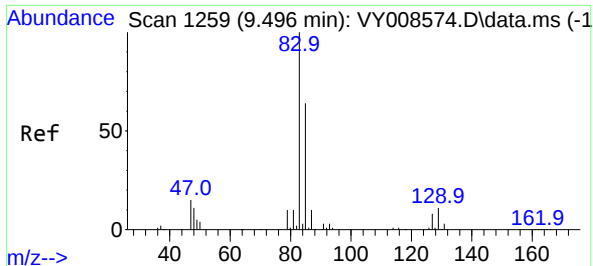
Ion Ratio Lower Upper

93 100

95 85.7 64.3 96.5

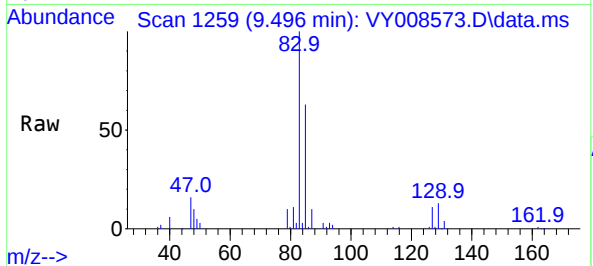
174 118.1 83.4 125.0





#47
Bromodichloromethane
Concen: 18.999 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

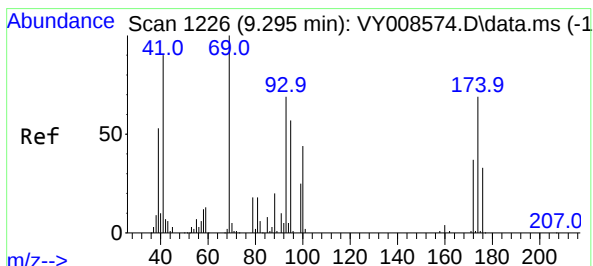
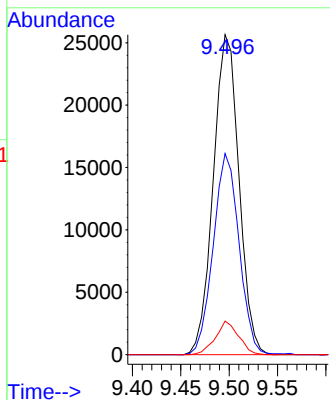
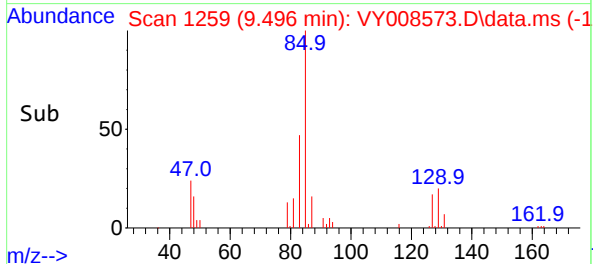
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



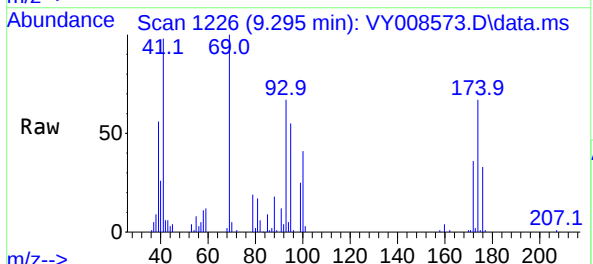
Tgt Ion: 83 Resp: 47294
Ion Ratio Lower Upper
83 100
85 62.8 51.9 77.9
127 10.5 6.6 10.0

Manual Integrations
APPROVED

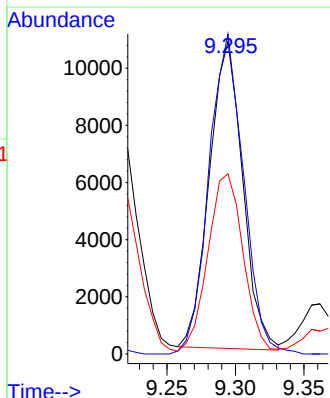
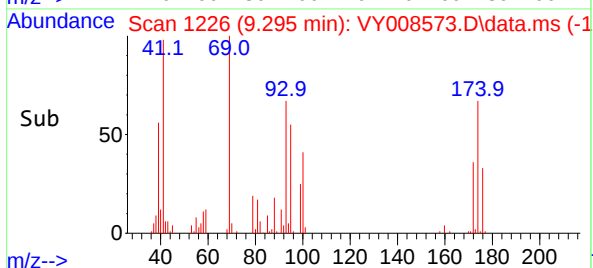
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

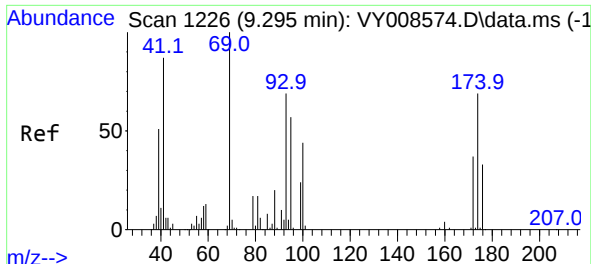


#48
Methyl methacrylate
Concen: 17.770 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



Tgt Ion: 41 Resp: 18169
Ion Ratio Lower Upper
41 100
69 108.4 58.2 87.2#
39 61.2 47.4 71.0





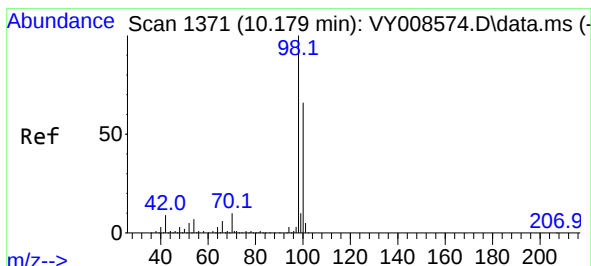
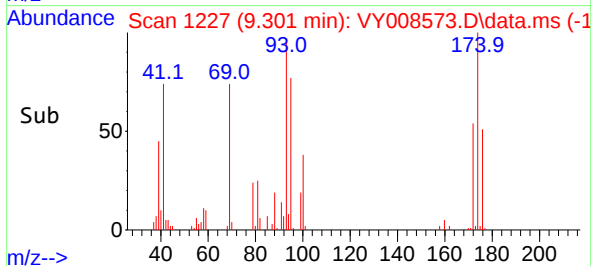
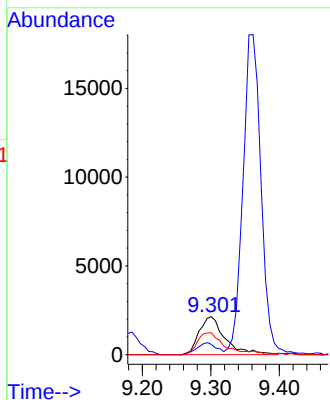
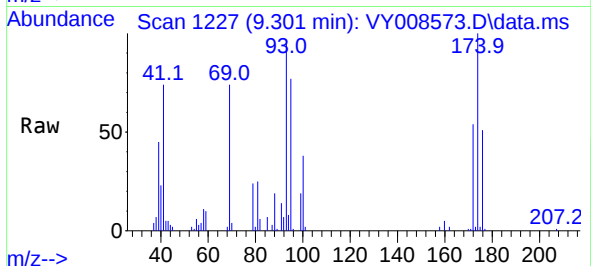
#49
1,4-Dioxane
Concen: 384.292 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 5670
Ion Ratio Lower Upper
88 100
43 23.8 32.8 49.2
58 60.5 59.8 89.6

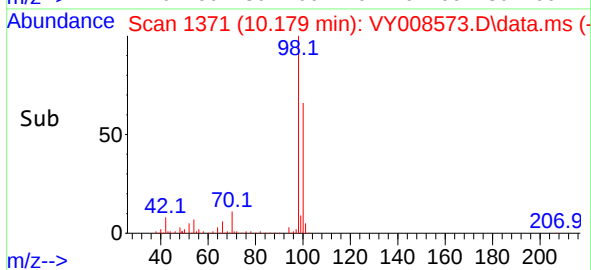
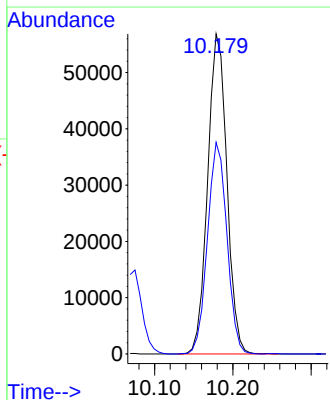
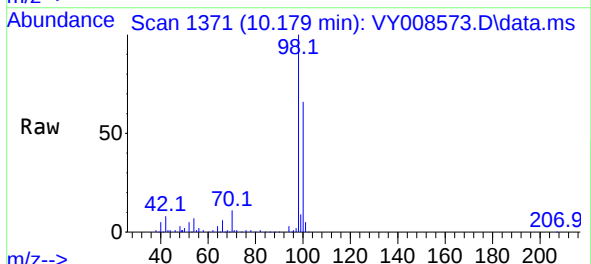
Manual Integrations
APPROVED

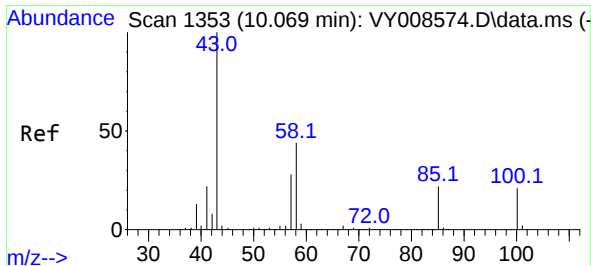
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#50
Toluene-d8
Concen: 17.831 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

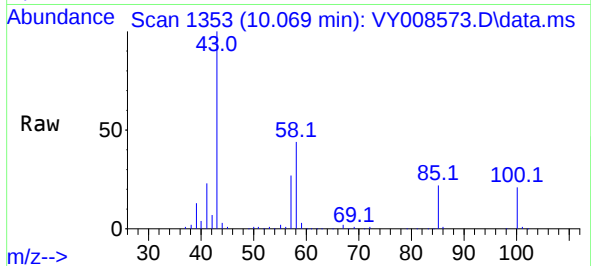
Tgt Ion: 98 Resp: 96871
Ion Ratio Lower Upper
98 100
100 66.8 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 90.663 ug/l
RT: 10.069 min Scan# 114360
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

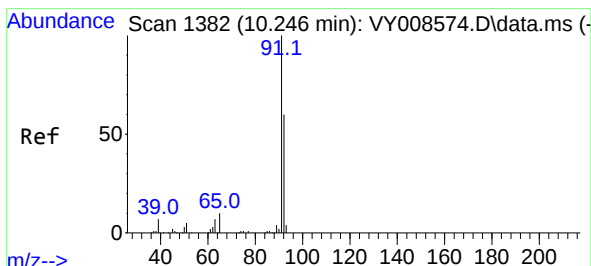
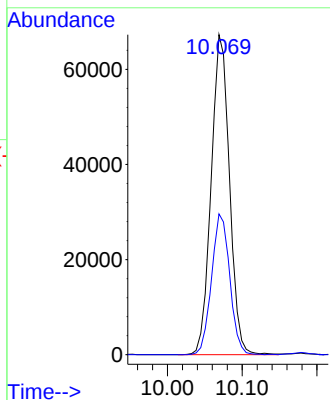
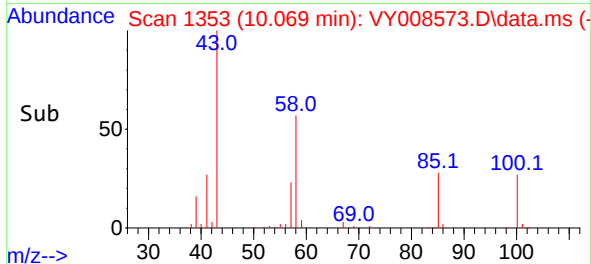
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



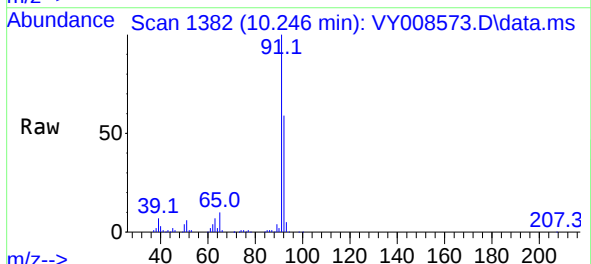
Tgt Ion: 43 Resp: 114360
Ion Ratio Lower Upper
43 100
58 43.8 28.1 42.1

Manual Integrations
APPROVED

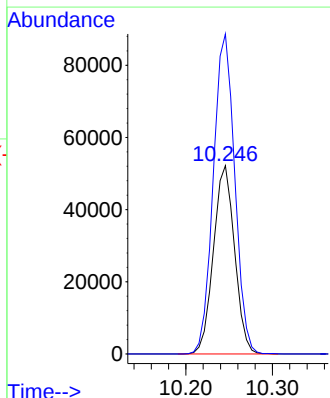
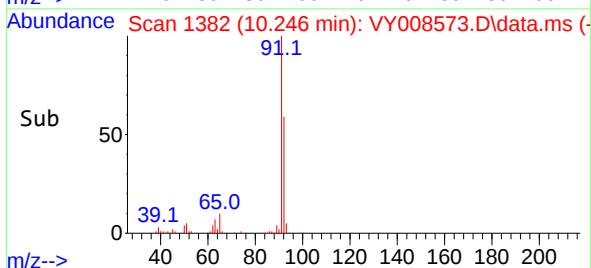
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

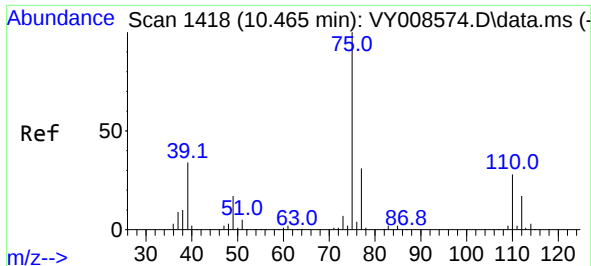


#52
Toluene
Concen: 19.074 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



Tgt Ion: 92 Resp: 88420
Ion Ratio Lower Upper
92 100
91 172.5 142.6 213.8





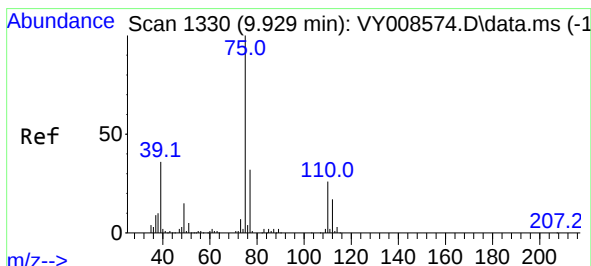
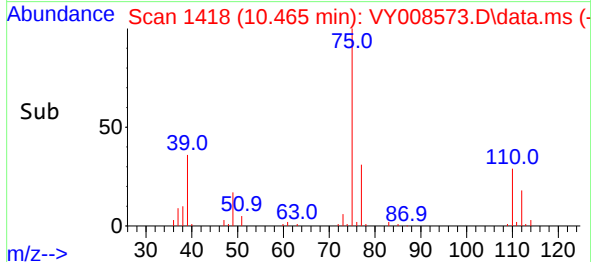
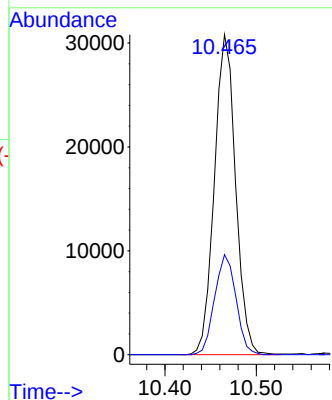
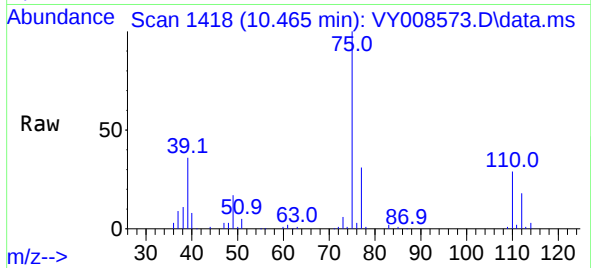
#53
 t-1,3-Dichloropropene
 Concen: 18.724 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY008573.D
 Acq: 02 May 2022 15:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 4973
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2

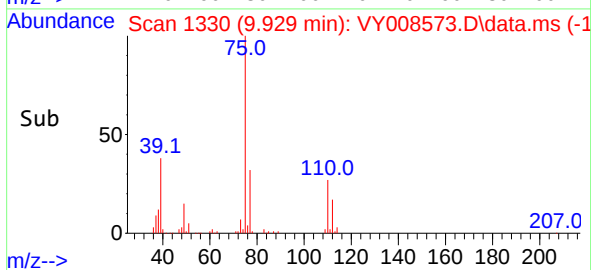
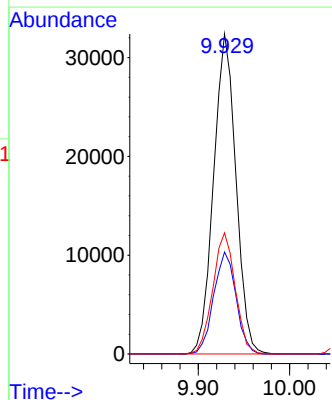
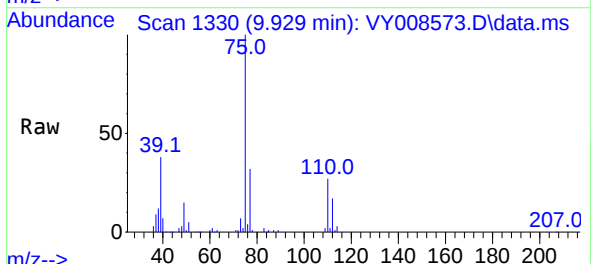
Manual Integrations
 APPROVED

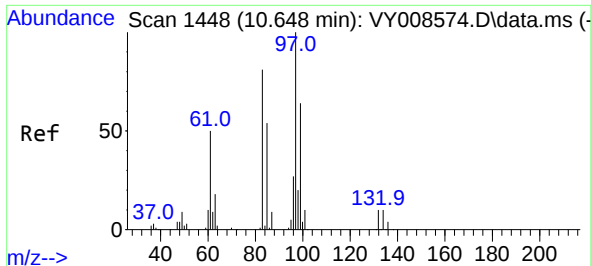
Reviewed By :John Carlone 05/03/2022
 Supervised By :Mahesh Dadoda 05/03/2022



#54
 cis-1,3-Dichloropropene
 Concen: 18.543 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY008573.D
 Acq: 02 May 2022 15:57

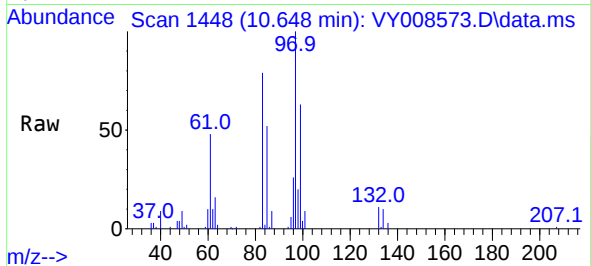
Tgt Ion: 75 Resp: 54942
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.6 38.4
 39 37.9 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 18.919 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

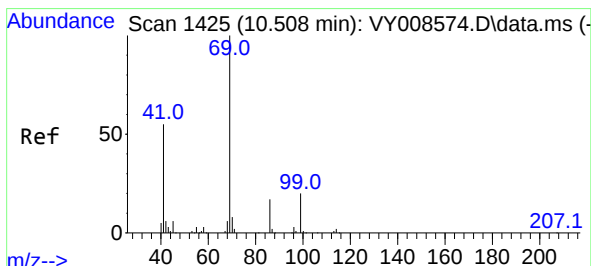
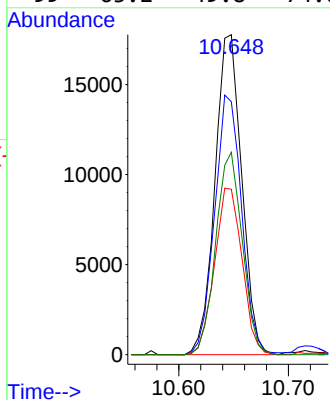
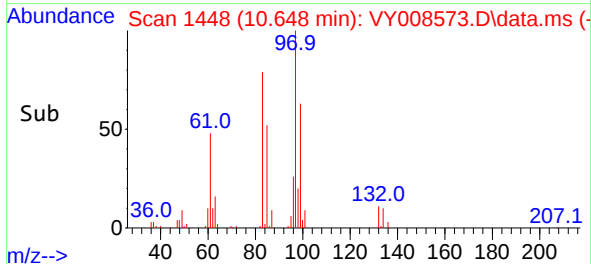
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



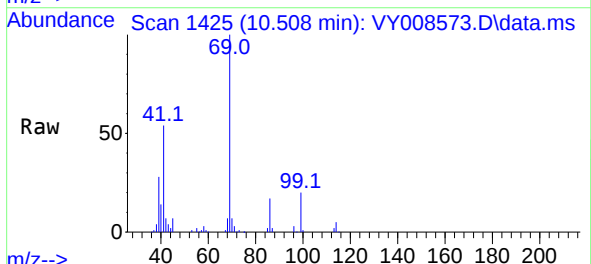
Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.0	69.8	104.8
85	51.7	44.3	66.5
99	63.2	49.8	74.6

Manual Integrations
APPROVED

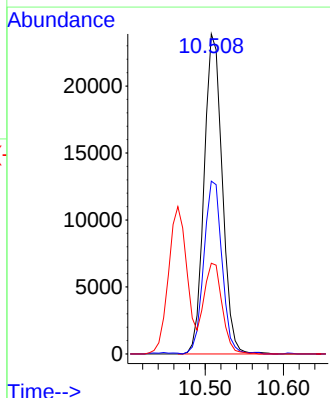
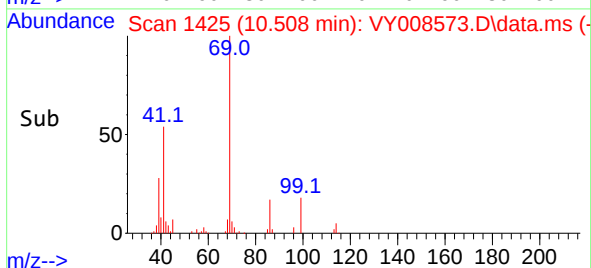
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

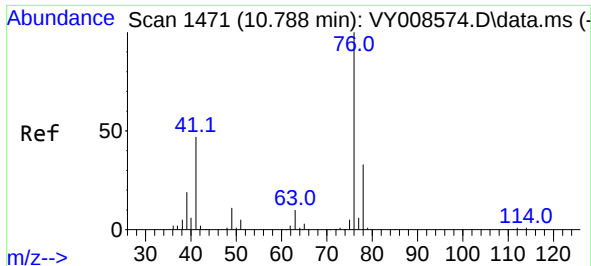


#56
Ethyl methacrylate
Concen: 18.683 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.4	63.4	95.0#
39	28.4	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 18.677 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY008573.D

Acq: 02 May 2022 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 4848

Ion Ratio Lower Upper

76 100

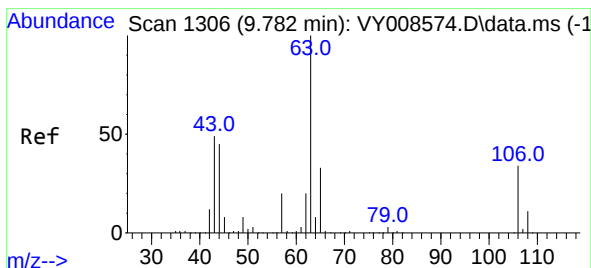
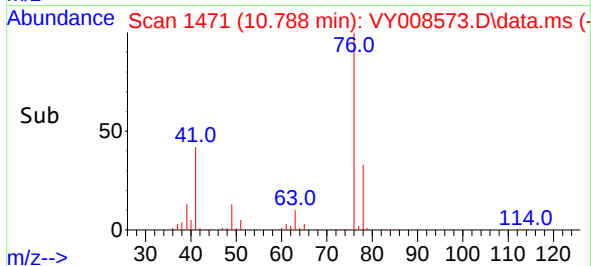
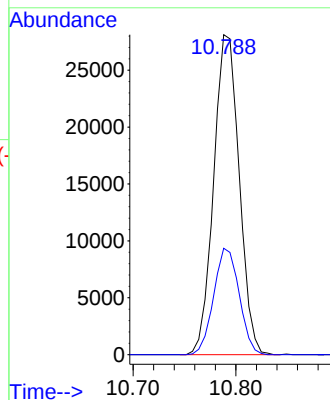
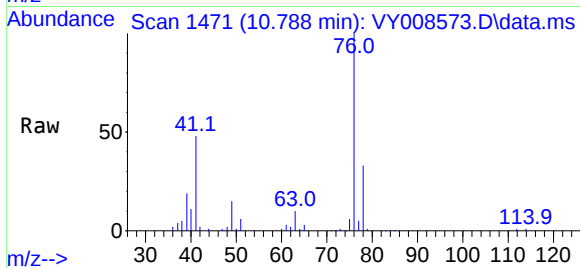
78 33.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#58

2-Chloroethyl Vinyl ether

Concen: 81.675 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY008573.D

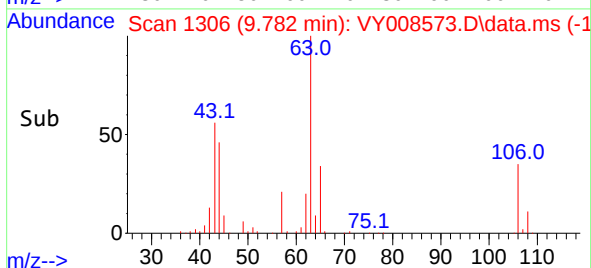
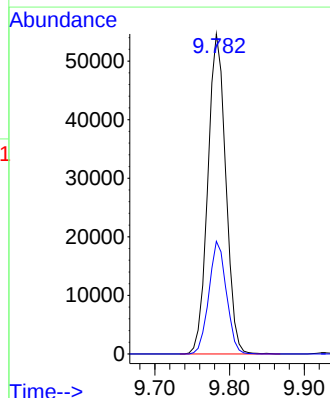
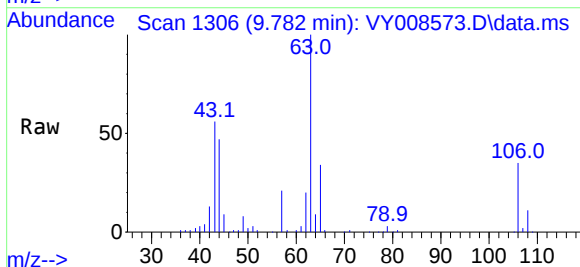
Acq: 02 May 2022 15:57

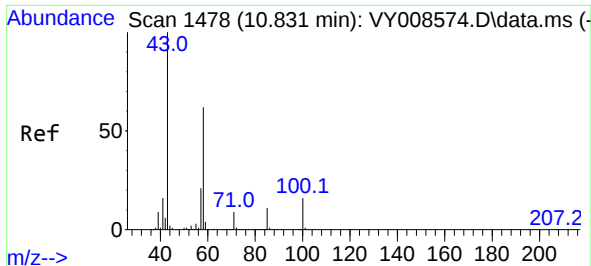
Tgt Ion: 63 Resp: 90996

Ion Ratio Lower Upper

63 100

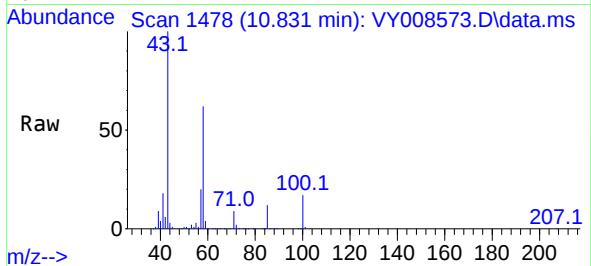
106 34.2 21.5 32.3#





#59
2-Hexanone
Concen: 89.925 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

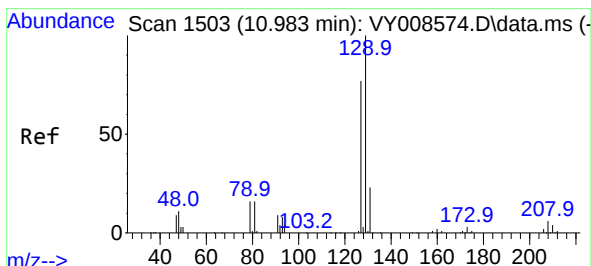
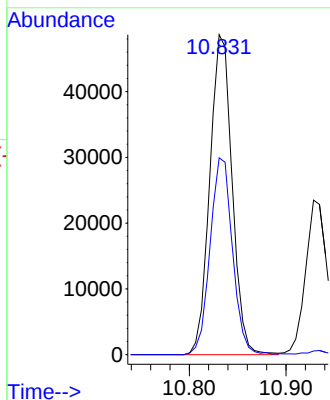
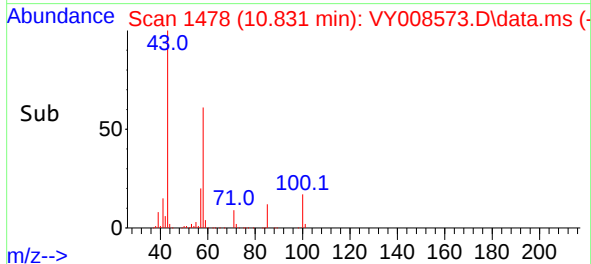
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



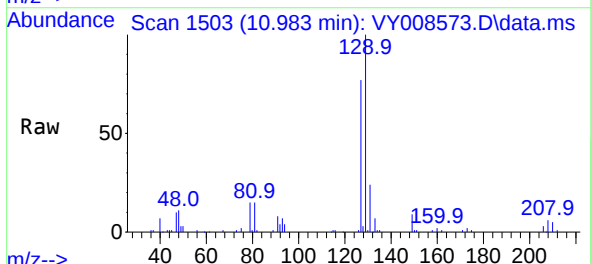
Tgt Ion: 43 Resp: 77830
Ion Ratio Lower Upper
43 100
58 61.9 24.4 73.4

Manual Integrations
APPROVED

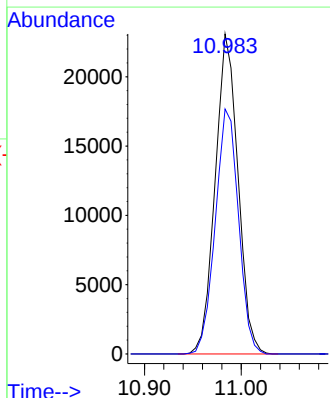
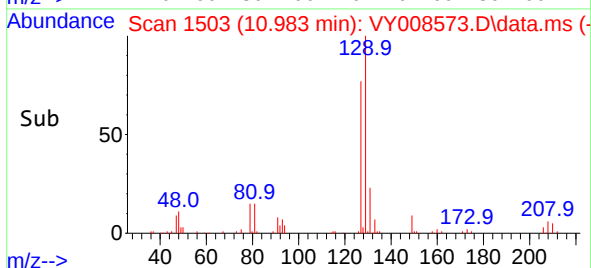
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

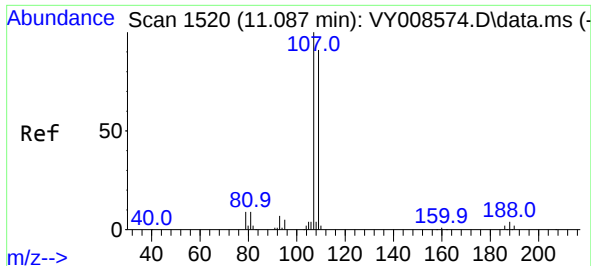


#60
Dibromochloromethane
Concen: 20.287 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



Tgt Ion:129 Resp: 37749
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1





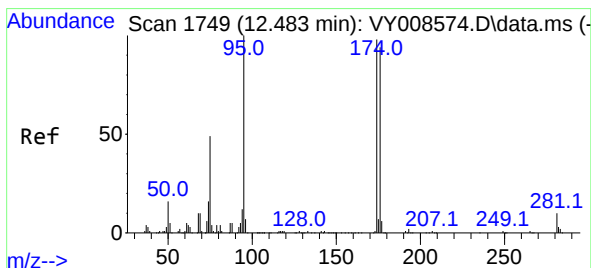
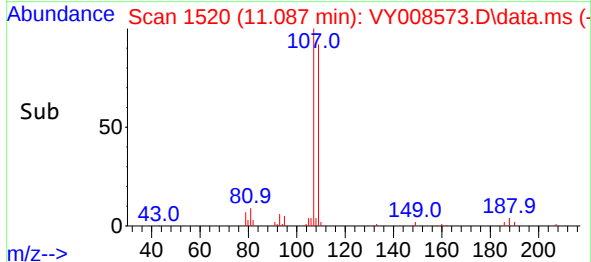
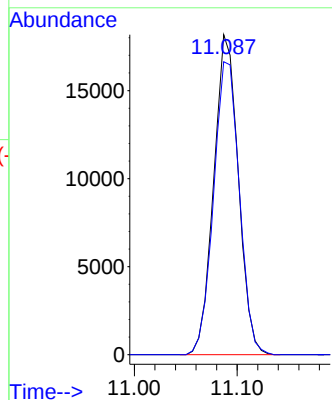
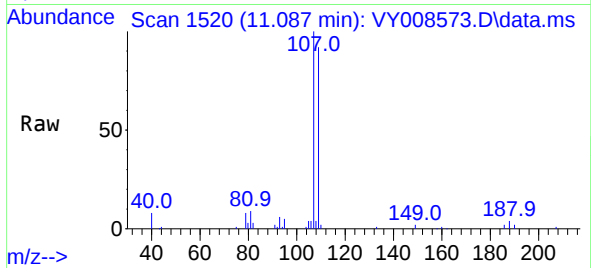
#61
1,2-Dibromoethane
Concen: 19.017 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 30150
Ion Ratio Lower Upper
107 100
109 96.0 75.4 113.2

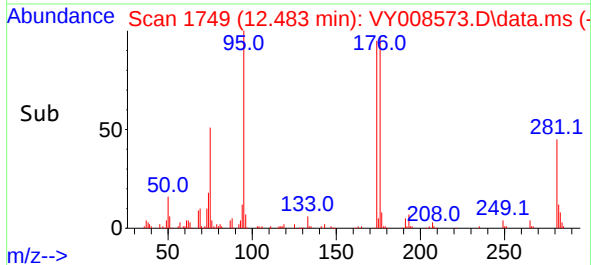
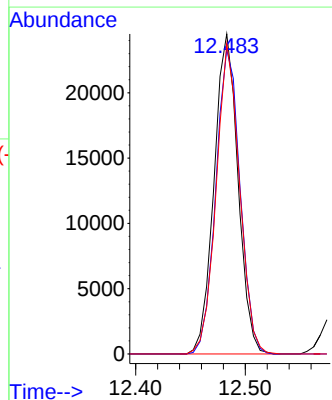
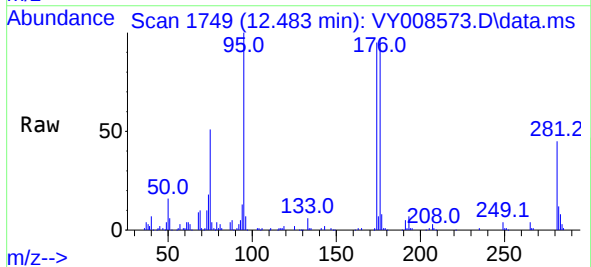
Manual Integrations
APPROVED

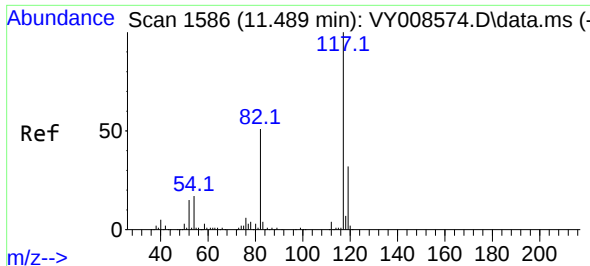
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#62
4-Bromofluorobenzene
Concen: 18.481 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

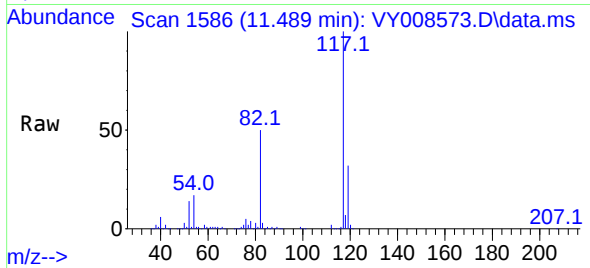
Tgt Ion: 95 Resp: 37199
Ion Ratio Lower Upper
95 100
174 96.3 0.0 177.0
176 94.6 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

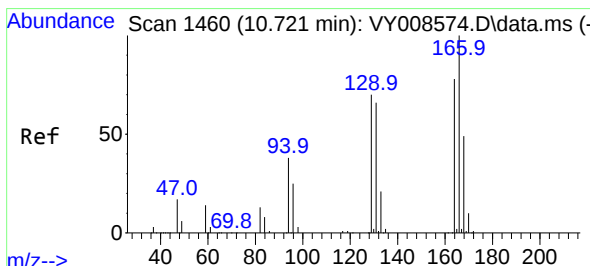
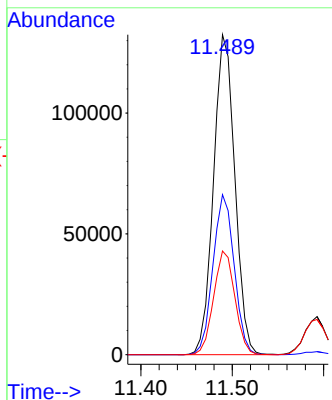
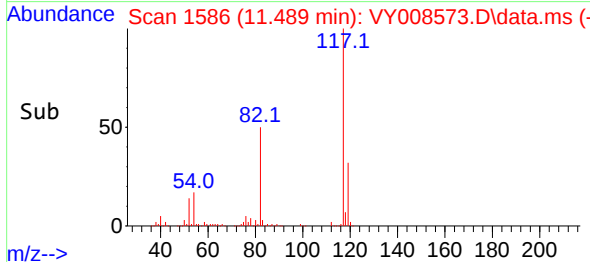
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



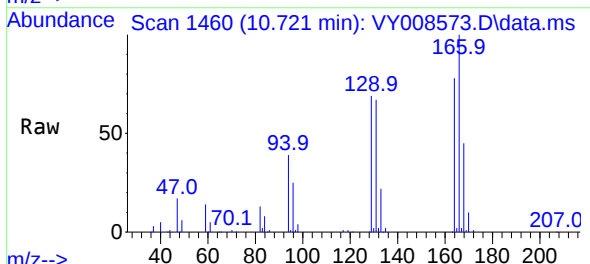
Tgt Ion:117 Resp: 21454
Ion Ratio Lower Upper
117 100
82 50.0 43.0 64.4
119 32.4 25.4 38.0

Manual Integrations
APPROVED

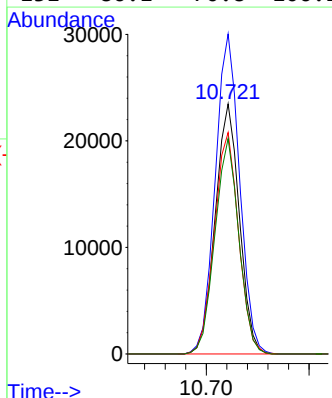
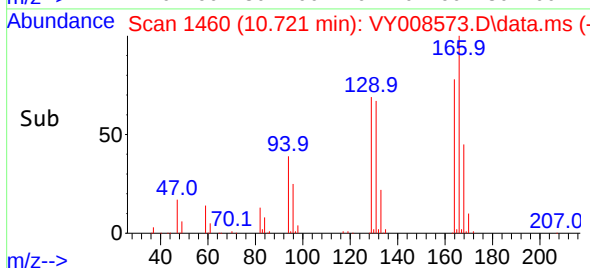
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

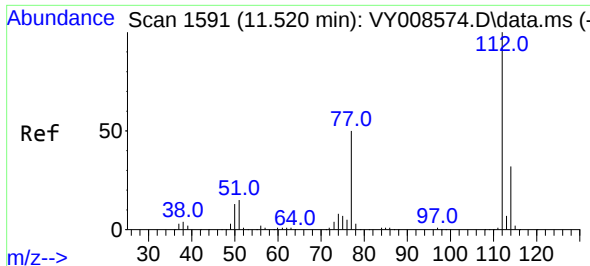


#64
Tetrachloroethene
Concen: 23.111 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



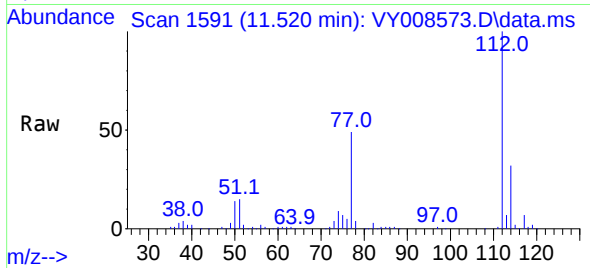
Tgt Ion:164 Resp: 38251
Ion Ratio Lower Upper
164 100
166 128.0 100.4 150.6
129 88.6 71.4 107.0
131 86.1 70.8 106.2





#65
Chlorobenzene
Concen: 20.497 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

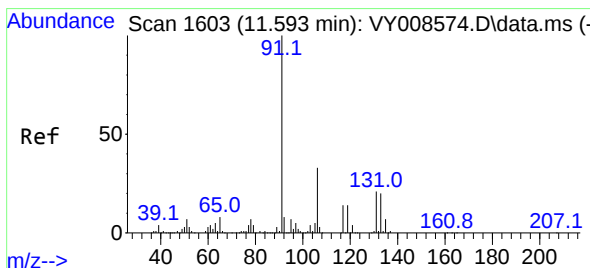
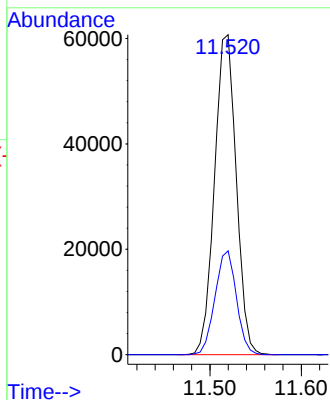
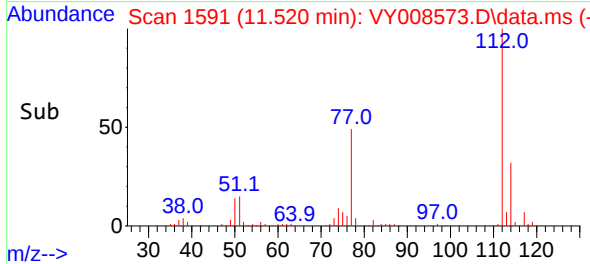
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



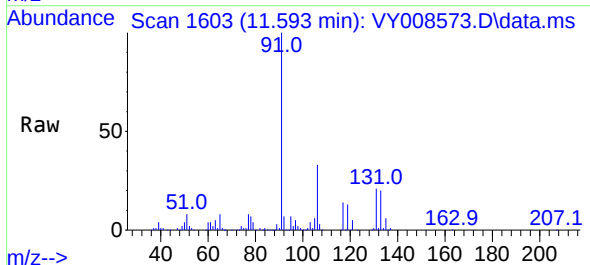
Tgt Ion:112 Resp: 100400
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

Manual Integrations
APPROVED

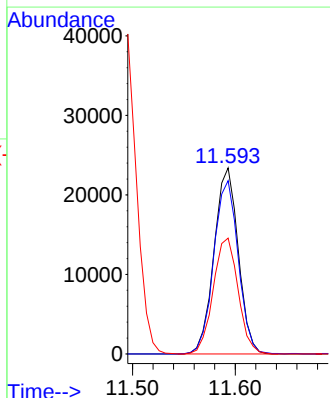
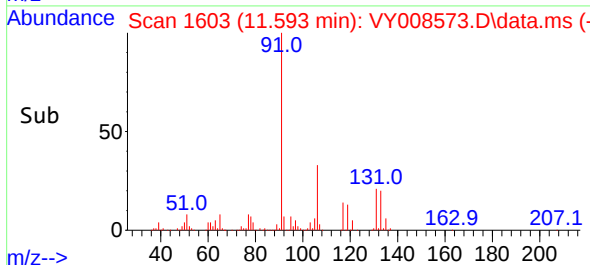
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

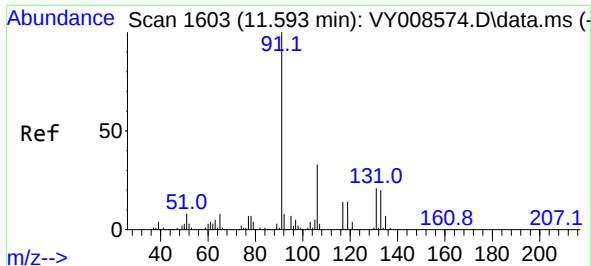


#66
1,1,1,2-Tetrachloroethane
Concen: 21.026 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



Tgt Ion:131 Resp: 38197
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.6
119 64.2 30.8 92.3





#67

Ethyl Benzene

Concen: 19.856 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY008573.D

Acq: 02 May 2022 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 16839

Ion Ratio Lower Upper

91 100

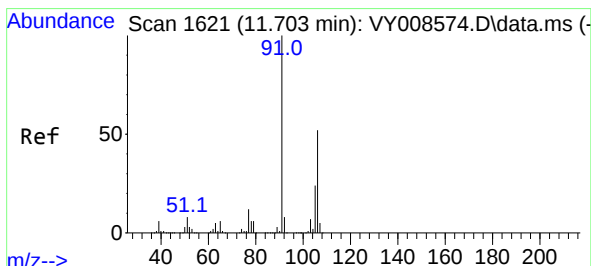
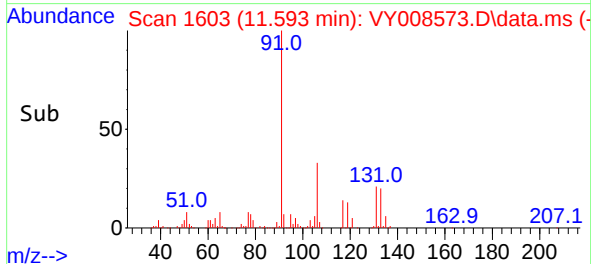
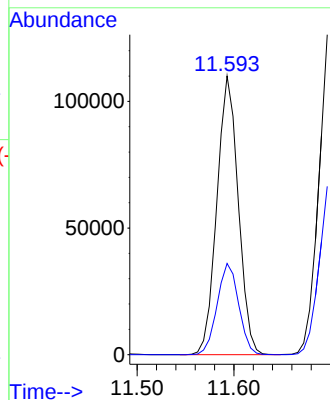
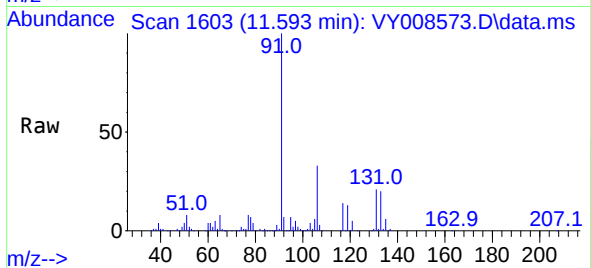
106 32.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#68

m/p-Xylenes

Concen: 40.640 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008573.D

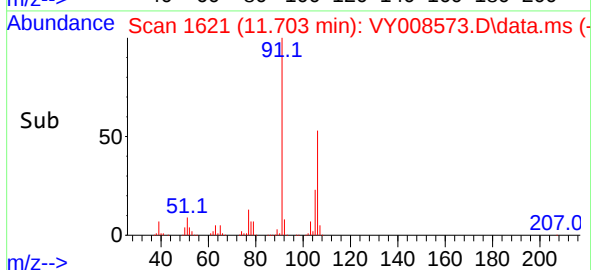
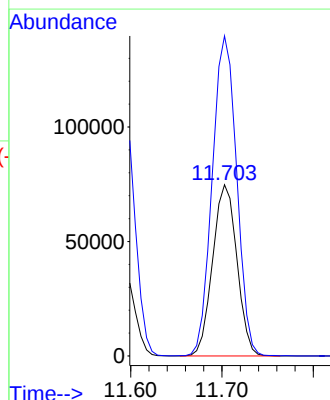
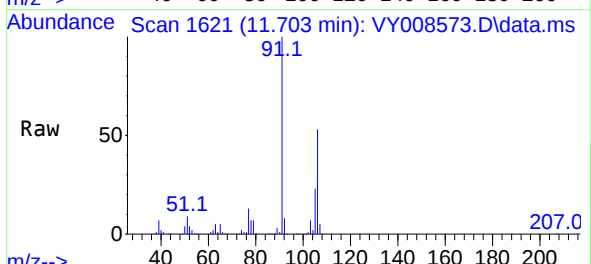
Acq: 02 May 2022 15:57

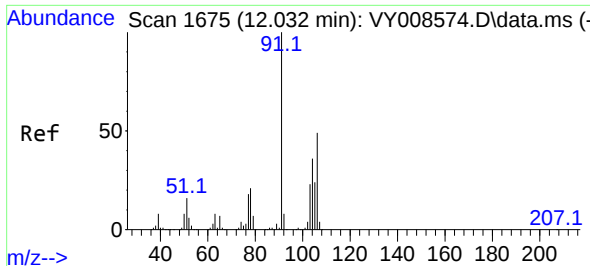
Tgt Ion:106 Resp: 138170

Ion Ratio Lower Upper

106 100

91 188.0 166.6 249.8





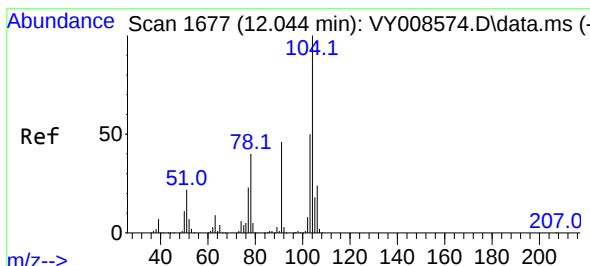
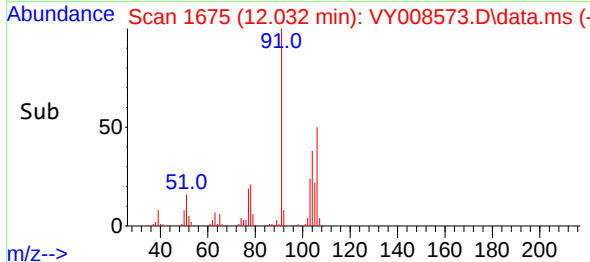
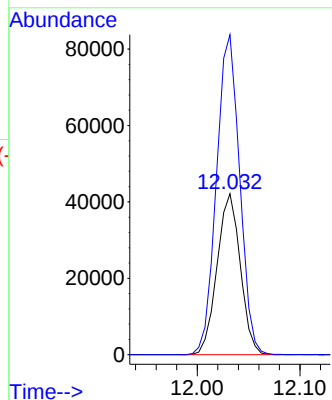
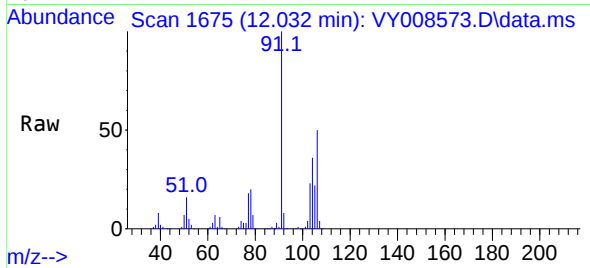
#69
o-Xylene
Concen: 20.177 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 6600
Ion Ratio Lower Upper
106 100
91 199.1 110.3 331.0

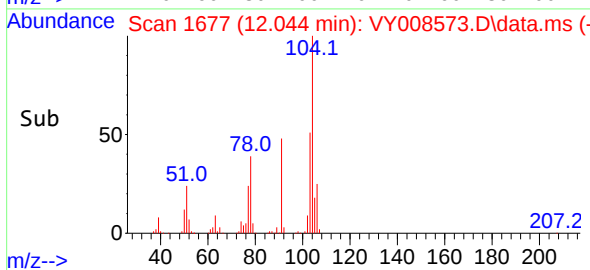
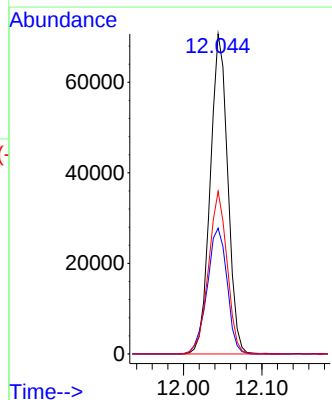
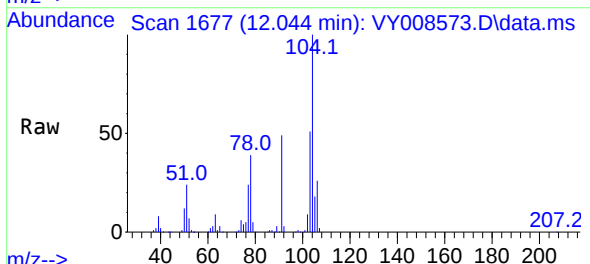
Manual Integrations
APPROVED

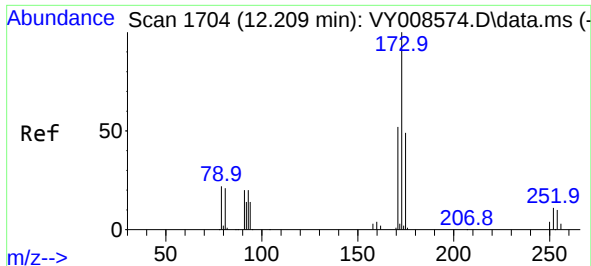
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#70
Styrene
Concen: 20.012 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

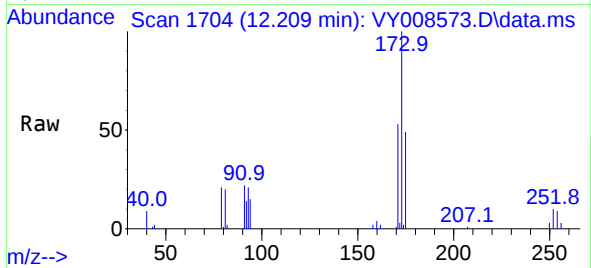
Tgt Ion:104 Resp: 109713
Ion Ratio Lower Upper
104 100
78 44.6 42.4 63.6
103 53.9 44.4 66.6





#71
Bromoform
Concen: 21.504 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

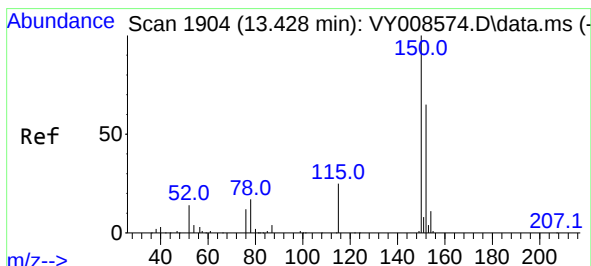
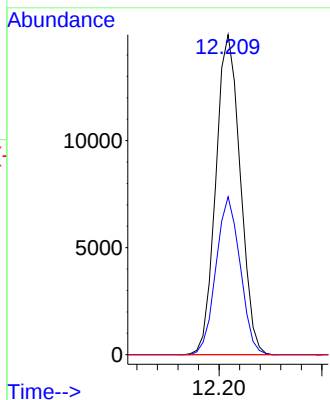
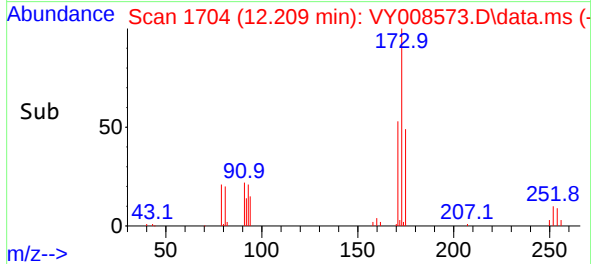
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



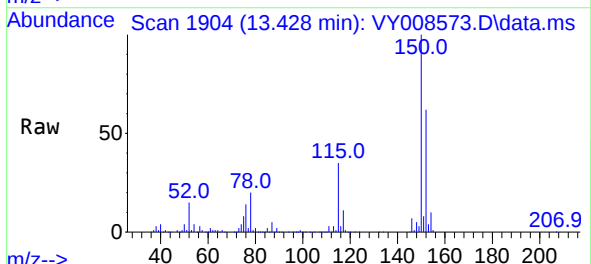
Tgt Ion:173 Resp: 24650
Ion Ratio Lower Upper
173 100
175 48.8 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

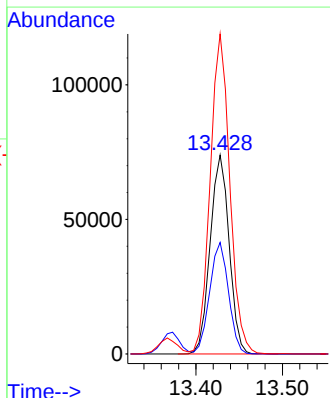
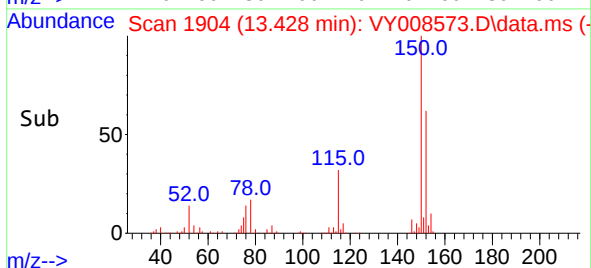
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

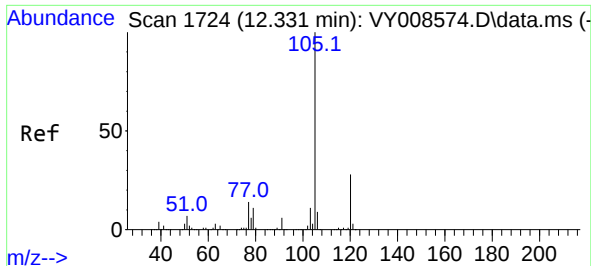


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



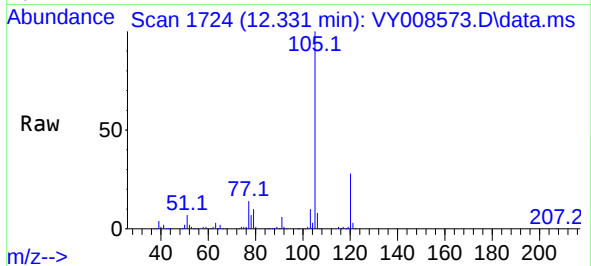
Tgt Ion:152 Resp: 112523
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 166.3 0.0 347.6





#73
Isopropylbenzene
Concen: 19.905 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

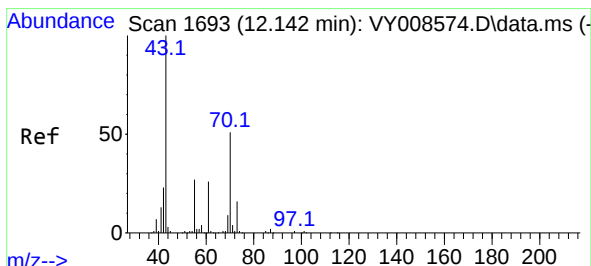
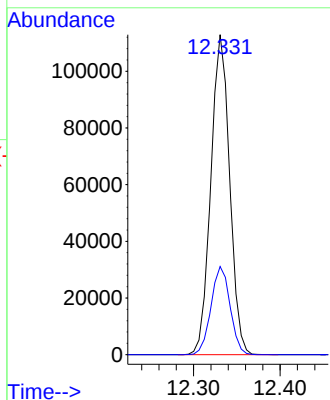
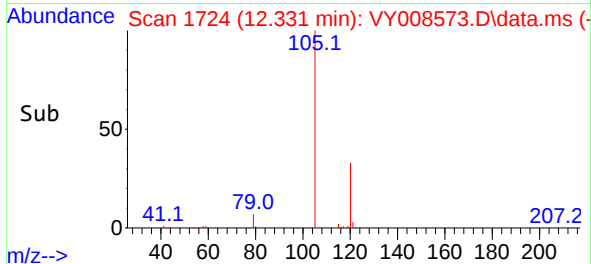
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



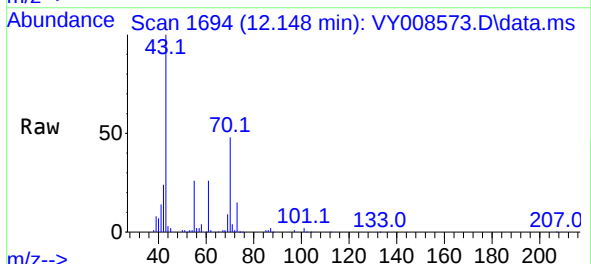
Tgt Ion:105 Resp: 170190
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.2

Manual Integrations
APPROVED

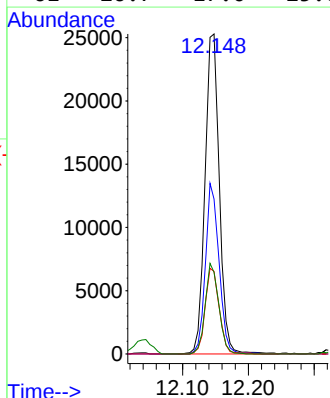
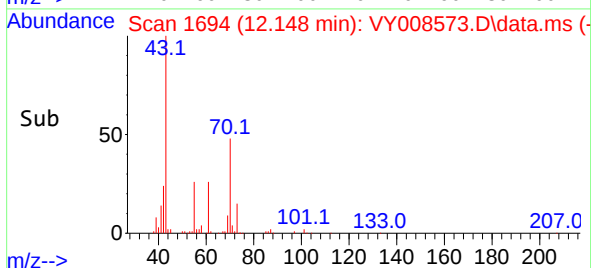
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

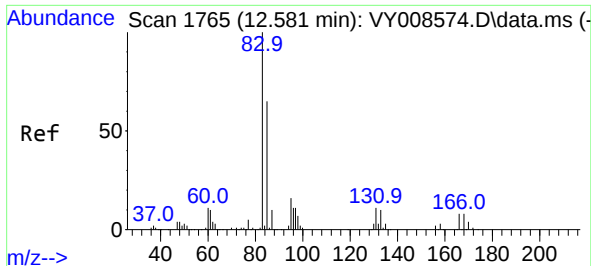


#74
N-ethyl acetate
Concen: 18.612 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



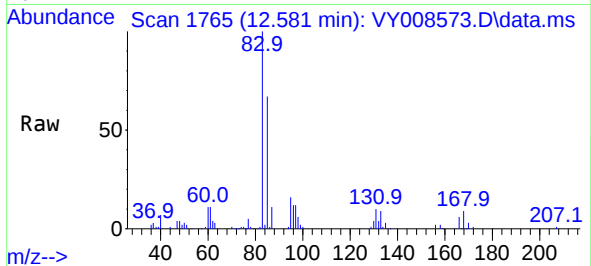
Tgt Ion: 43 Resp: 38371
Ion Ratio Lower Upper
43 100
70 50.3 28.7 43.1#
55 26.2 17.3 25.9#
61 26.7 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 18.560 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

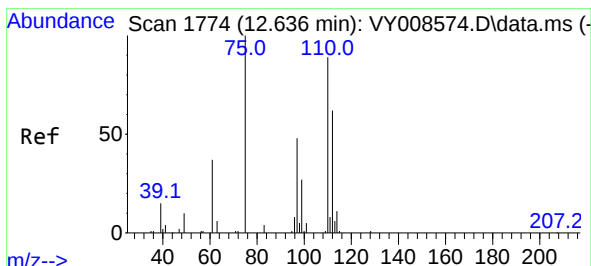
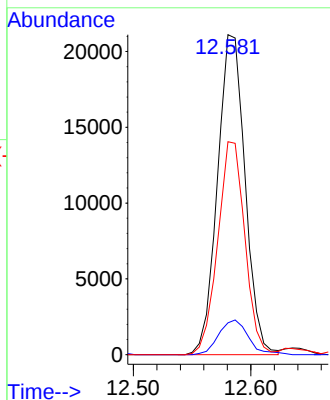
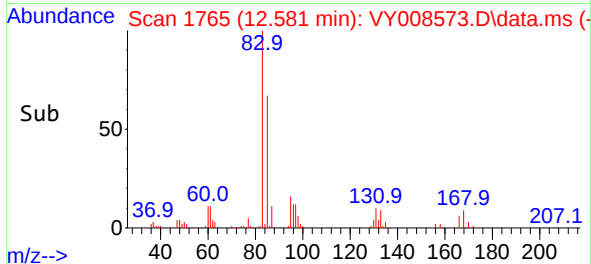
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



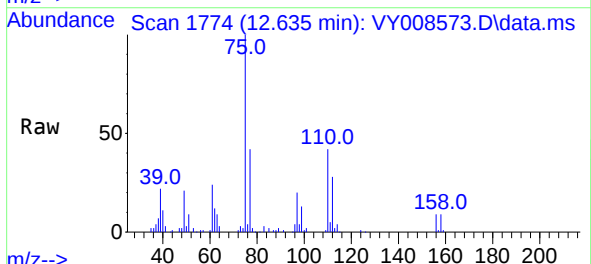
Tgt Ion: 83 Resp: 3450
Ion Ratio Lower Upper
83 100
131 11.6 5.6 16.8
85 65.2 32.3 96.8

Manual Integrations
APPROVED

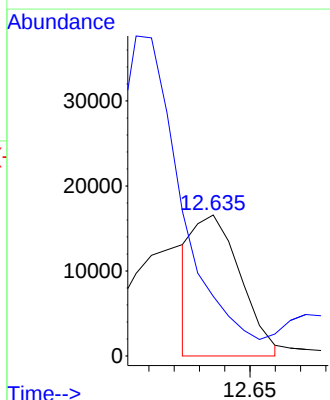
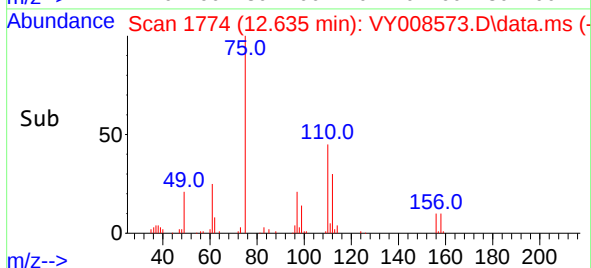
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

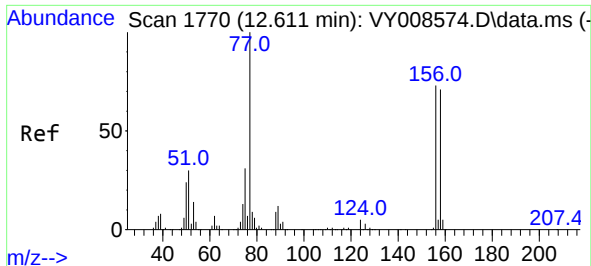


#76
1,2,3-Trichloropropane
Concen: 15.487 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



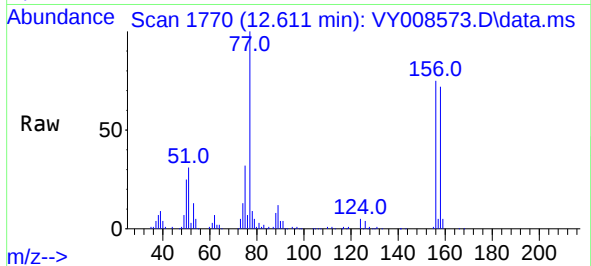
Tgt Ion: 75 Resp: 21496
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 21.293 ug/l
RT: 12.611 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

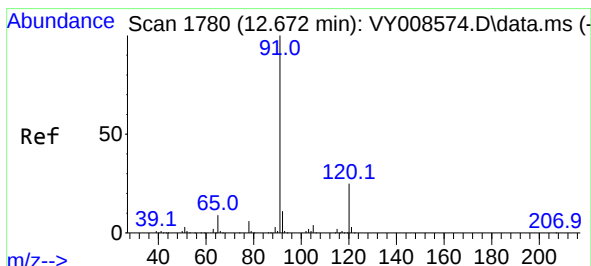
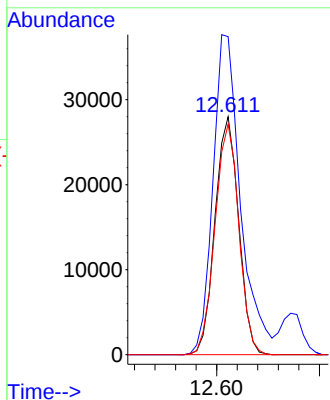
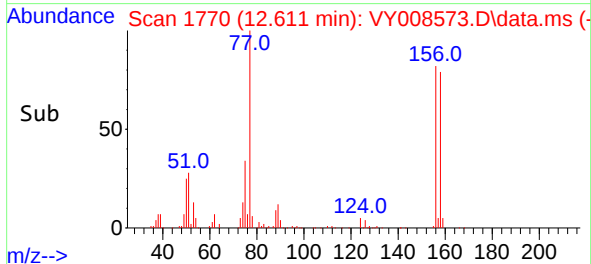
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



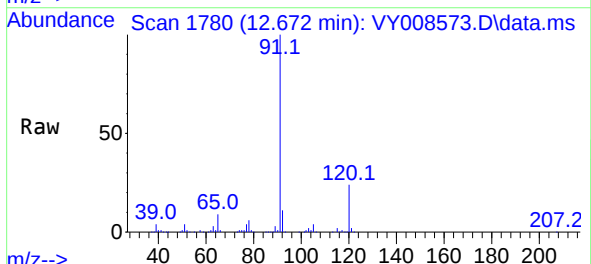
Tgt Ion: 156 Resp: 4465
Ion Ratio Lower Upper
156 100
77 156.7 95.5 286.4
158 97.7 48.0 144.0

Manual Integrations
APPROVED

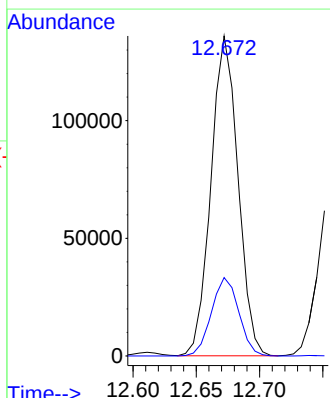
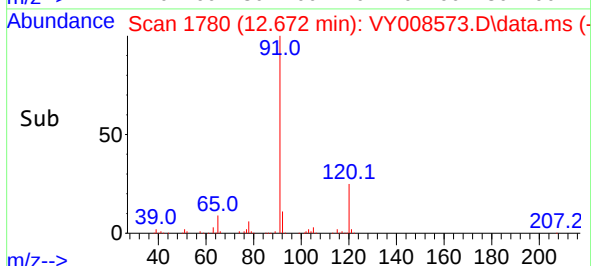
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

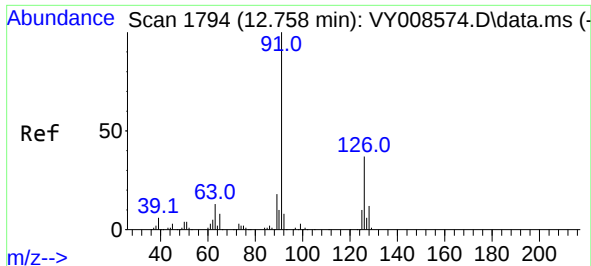


#78
n-propylbenzene
Concen: 19.813 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



Tgt Ion: 91 Resp: 201905
Ion Ratio Lower Upper
91 100
120 24.8 11.3 33.9





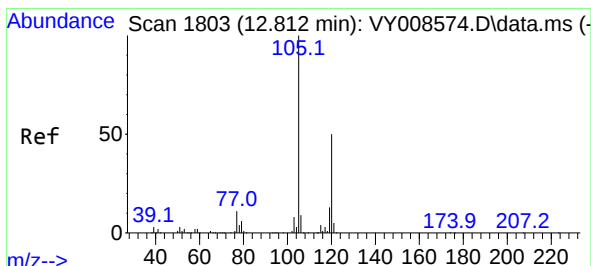
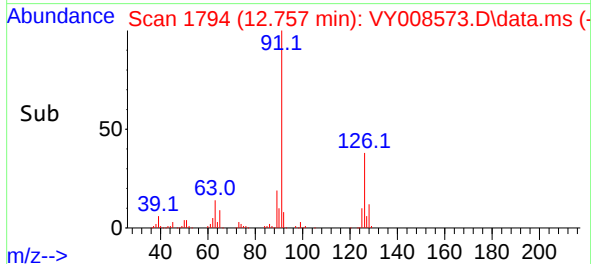
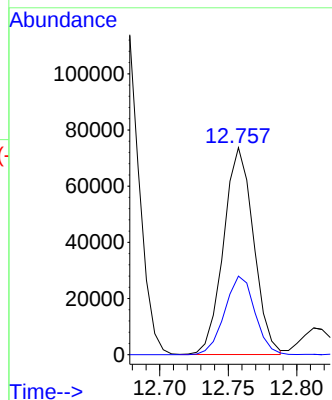
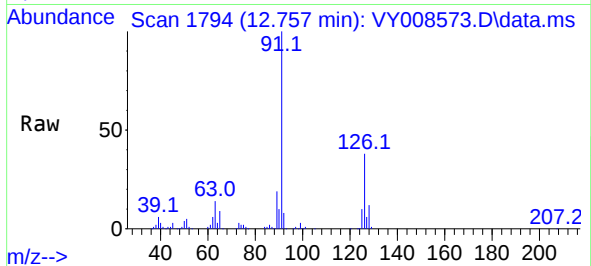
#79
2-Chlorotoluene
Concen: 19.609 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 11242
Ion Ratio Lower Upper
91 100
126 38.2 16.9 50.6

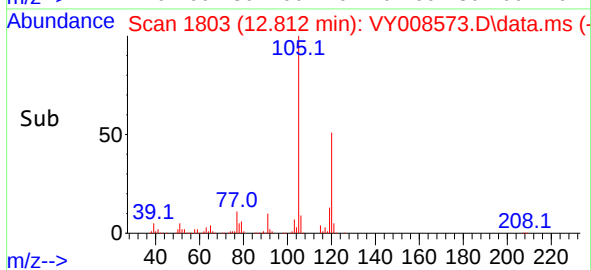
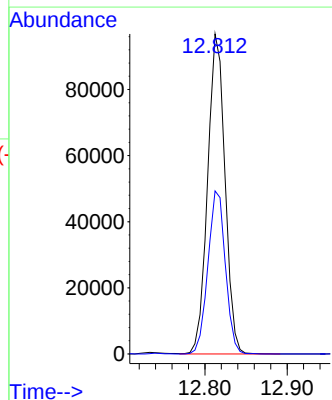
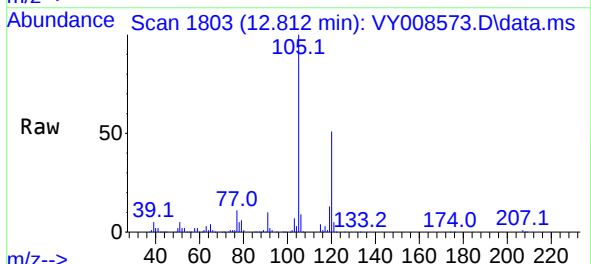
Manual Integrations
APPROVED

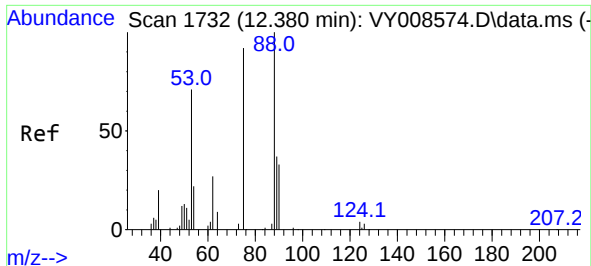
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.044 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

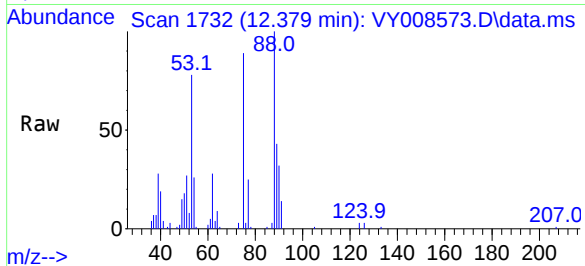
Tgt Ion:105 Resp: 142445
Ion Ratio Lower Upper
105 100
120 51.1 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 18.550 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

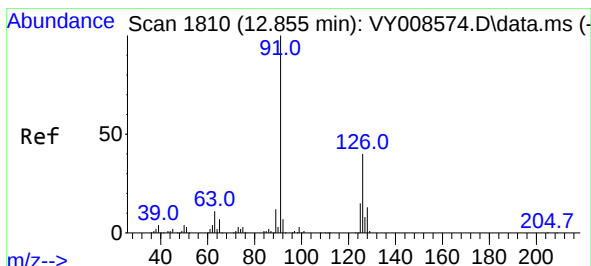
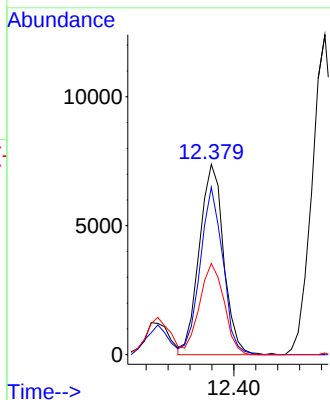
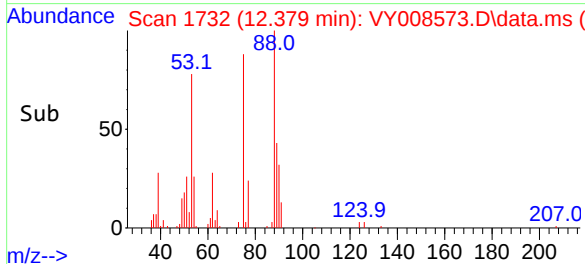
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



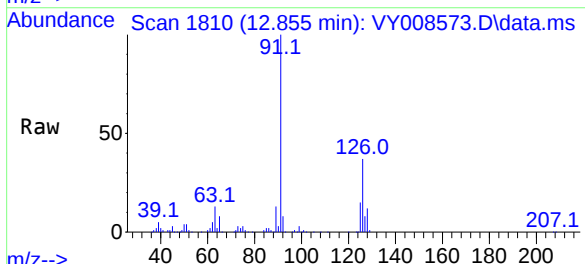
Tgt Ion: 75 Resp: 11409
Ion Ratio Lower Upper
75 100
53 81.9 85.3 127.9
89 47.9 37.0 55.4

Manual Integrations
APPROVED

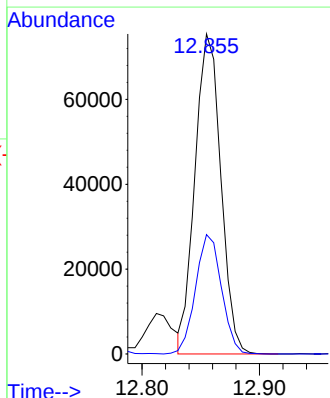
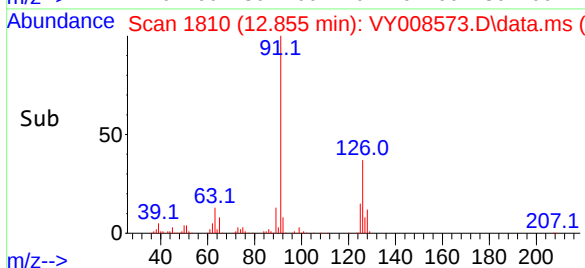
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

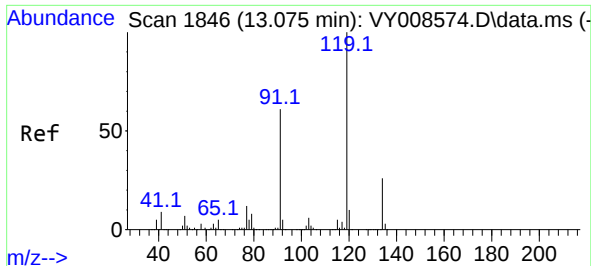


#82
4-Chlorotoluene
Concen: 19.464 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



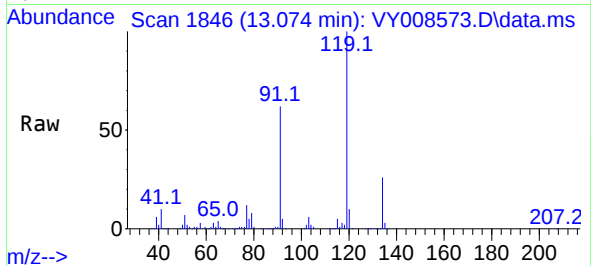
Tgt Ion: 91 Resp: 115267
Ion Ratio Lower Upper
91 100
126 37.5 17.0 51.0





#83
tert-Butylbenzene
Concen: 20.478 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

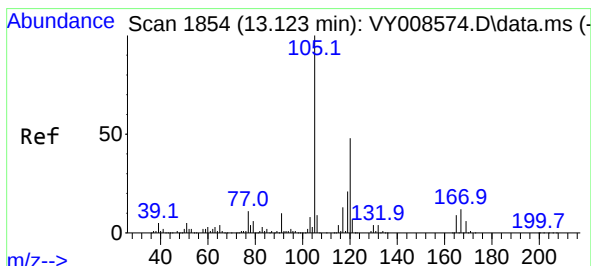
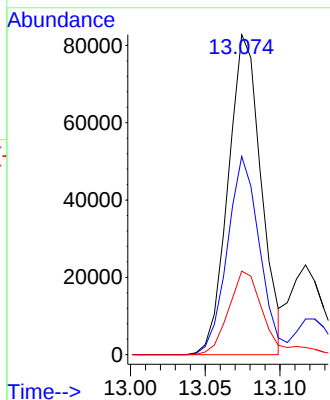
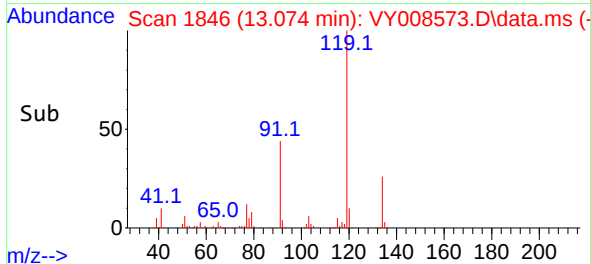
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



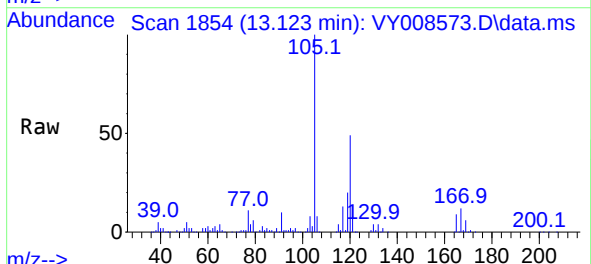
Tgt Ion:119 Resp: 126978
Ion Ratio Lower Upper
119 100
91 60.9 34.8 104.4
134 28.3 13.3 39.9

Manual Integrations
APPROVED

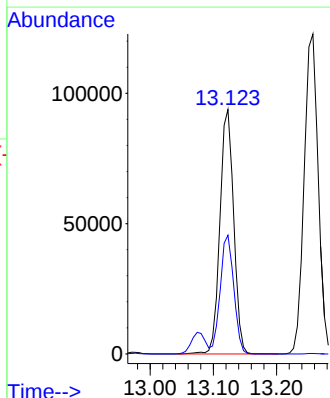
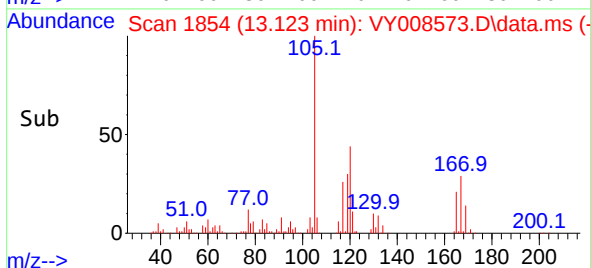
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

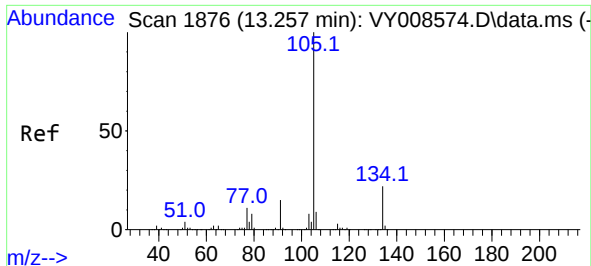


#84
1,2,4-Trimethylbenzene
Concen: 20.037 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



Tgt Ion:105 Resp: 141134
Ion Ratio Lower Upper
105 100
120 48.0 22.3 66.9





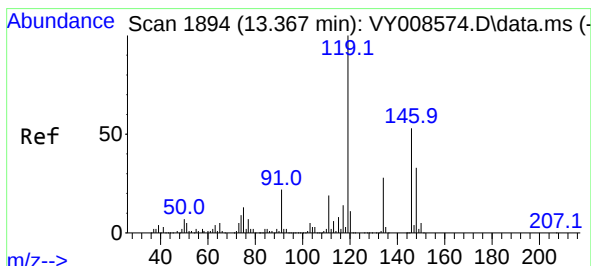
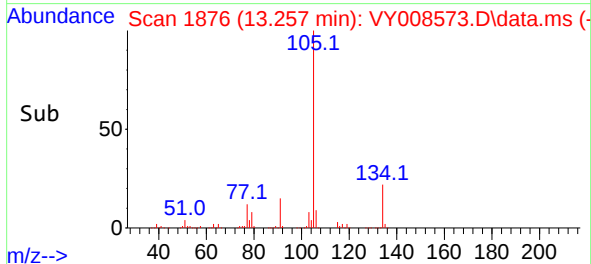
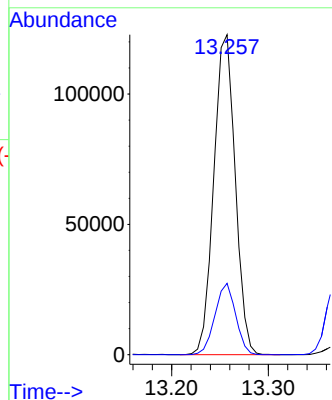
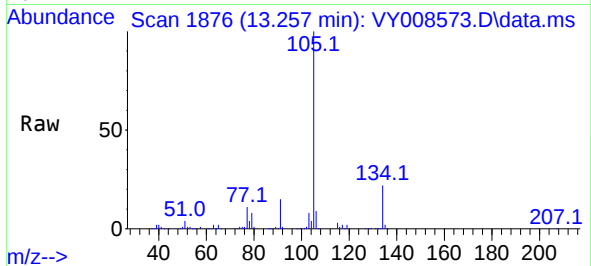
#85
sec-Butylbenzene
Concen: 20.272 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 188470
Ion Ratio Lower Upper
105 100
134 21.5 10.2 30.4

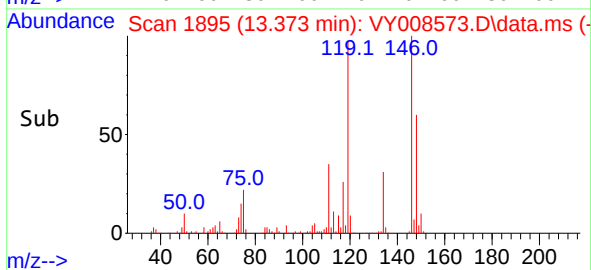
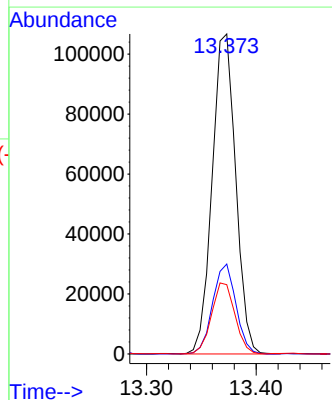
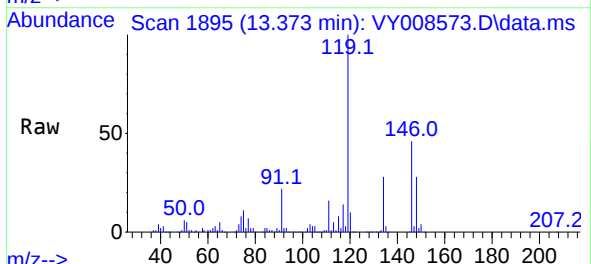
Manual Integrations
APPROVED

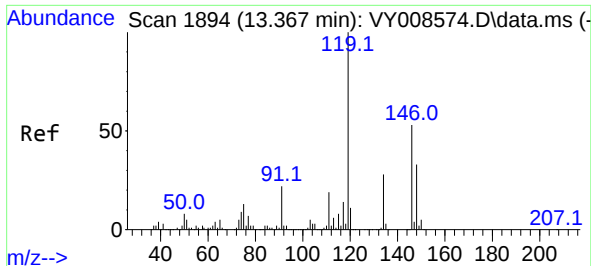
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#86
p-Isopropyltoluene
Concen: 20.347 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

Tgt Ion:119 Resp: 159486
Ion Ratio Lower Upper
119 100
134 27.7 13.2 39.5
91 22.1 12.4 37.2





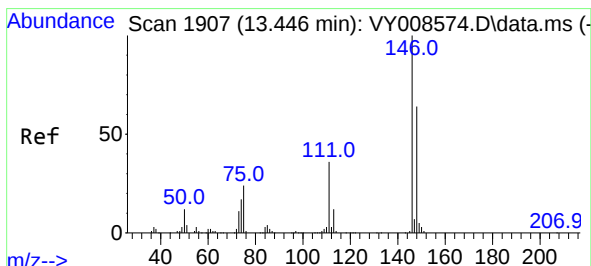
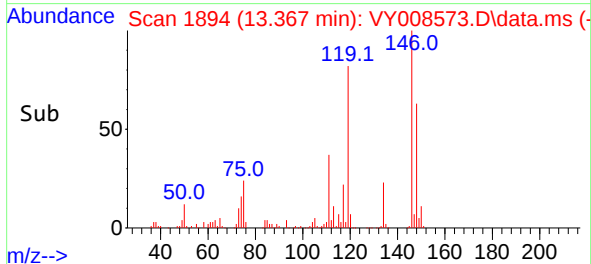
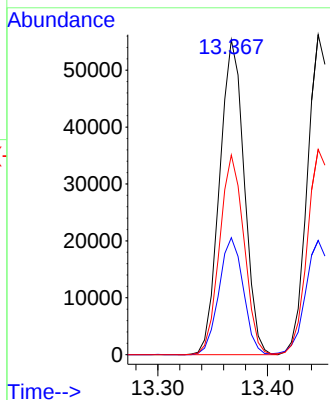
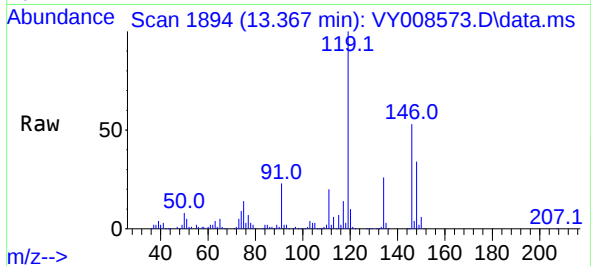
#87
1,3-Dichlorobenzene
Concen: 20.526 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 86223
Ion Ratio Lower Upper
146 100
111 36.9 19.5 58.5
148 63.0 31.6 95.0

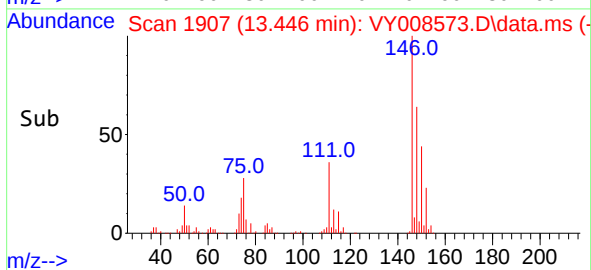
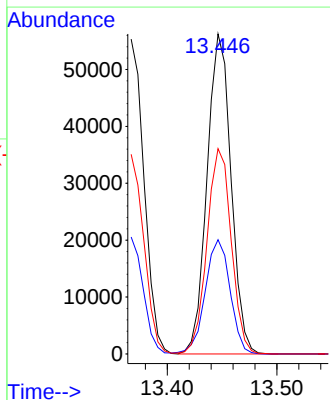
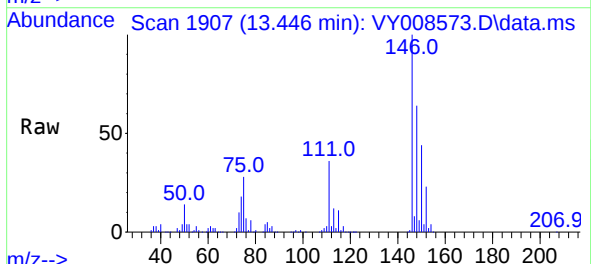
Manual Integrations
APPROVED

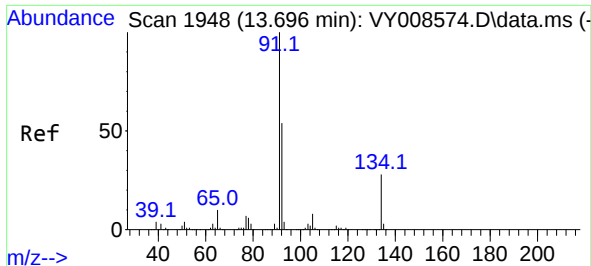
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#88
1,4-Dichlorobenzene
Concen: 20.575 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

Tgt Ion:146 Resp: 85609
Ion Ratio Lower Upper
146 100
111 37.1 19.3 57.8
148 65.0 32.6 97.8





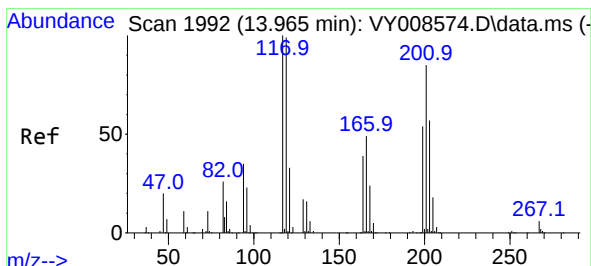
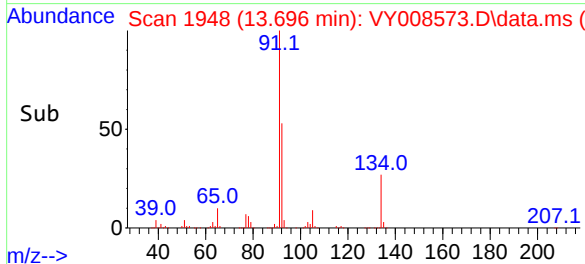
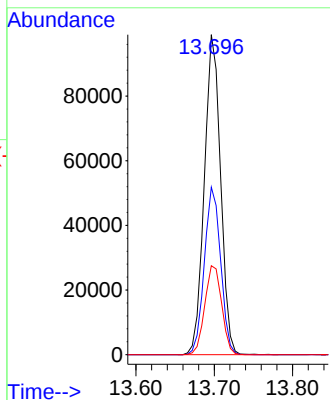
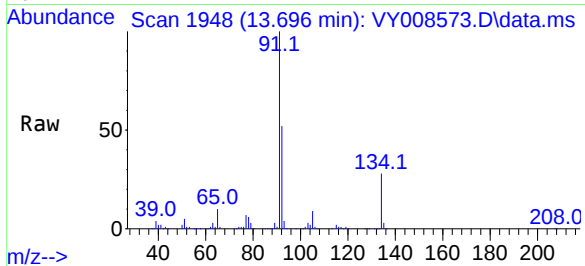
#89
n-Butylbenzene
Concen: 20.228 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 142425
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 28.9 13.0 38.9

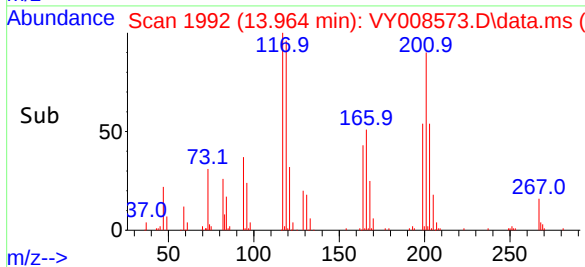
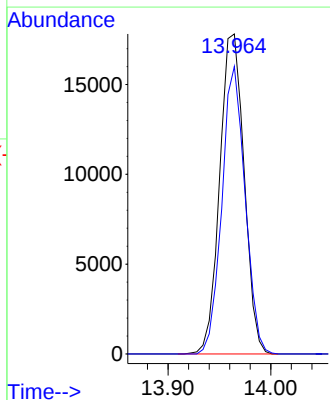
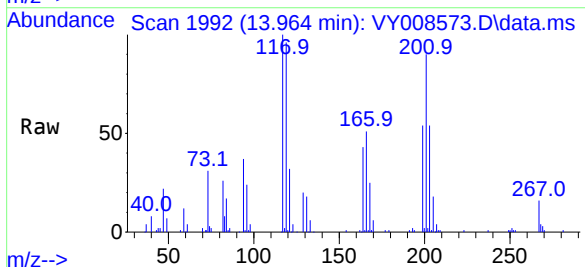
Manual Integrations
APPROVED

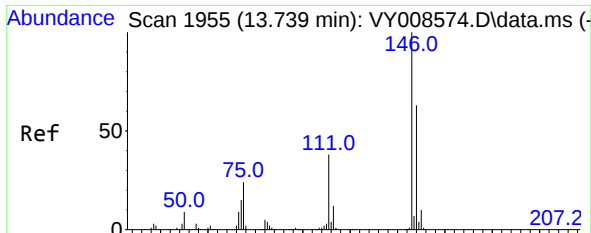
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#90
Hexachloroethane
Concen: 20.905 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

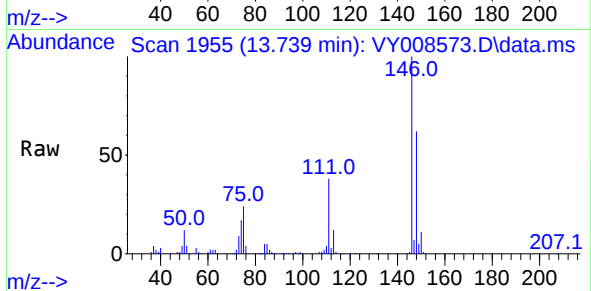
Tgt Ion:117 Resp: 29369
Ion Ratio Lower Upper
117 100
201 85.1 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 20.868 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

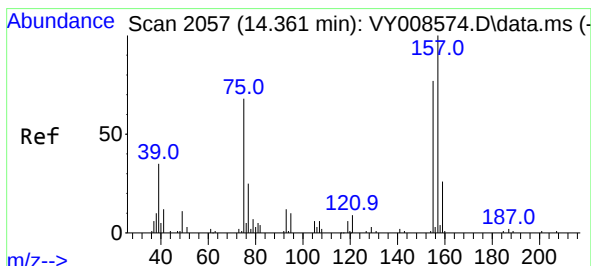
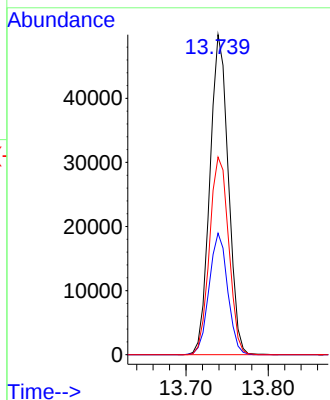
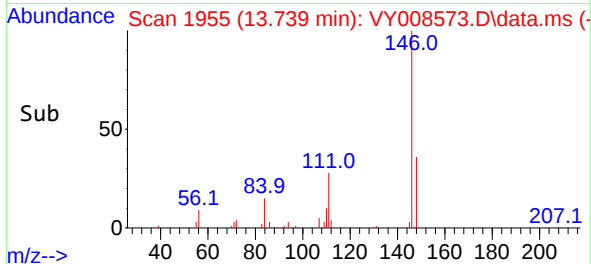
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



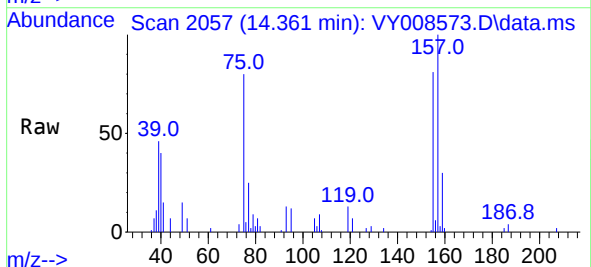
Tgt Ion: 146 Resp: 78058
Ion Ratio Lower Upper
146 100
111 38.0 20.3 60.9
148 64.2 32.3 96.9

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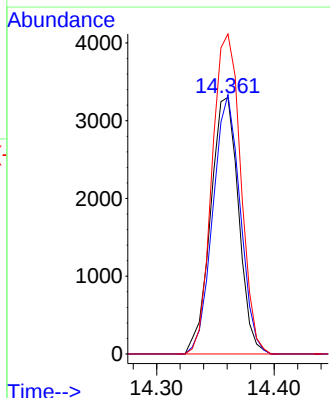
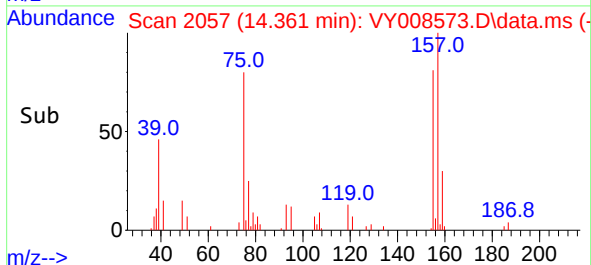
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

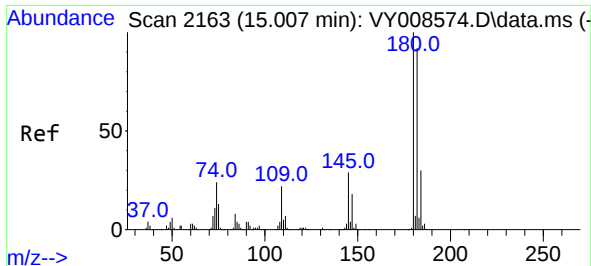


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.507 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



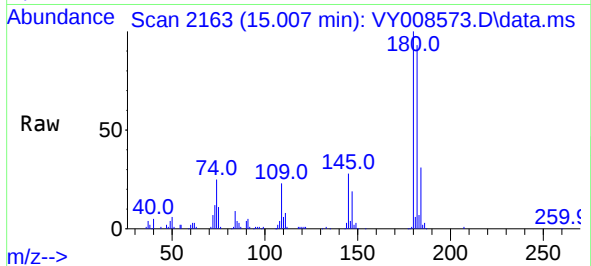
Tgt Ion: 75 Resp: 5463
Ion Ratio Lower Upper
75 100
155 98.4 38.0 113.9
157 127.4 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 23.434 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

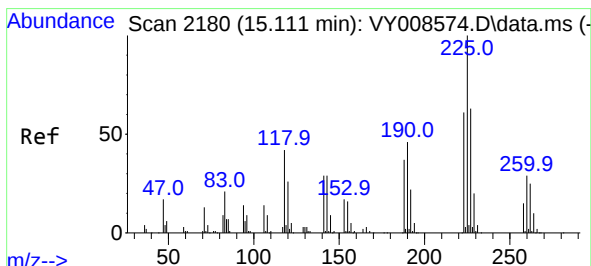
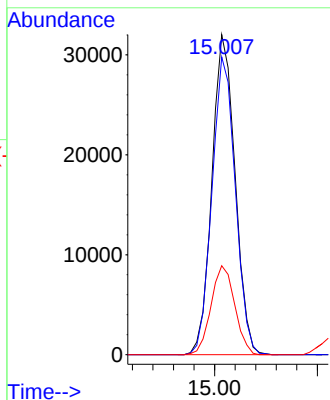
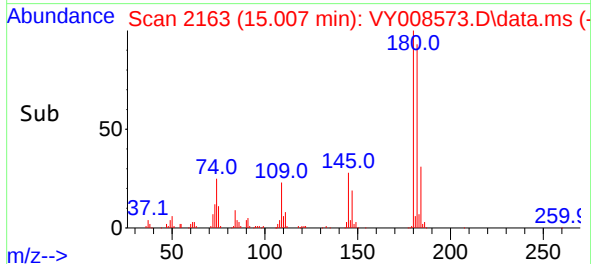
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



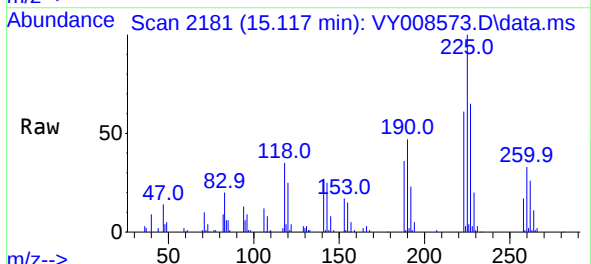
Tgt Ion:180 Resp: 49920
Ion Ratio Lower Upper
180 100
182 93.8 47.3 141.9
145 28.5 14.6 43.8

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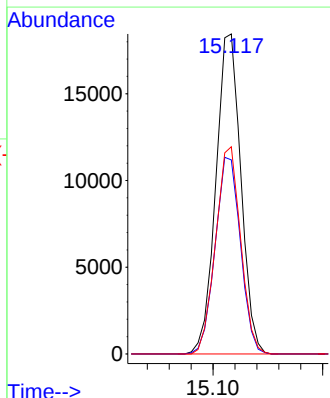
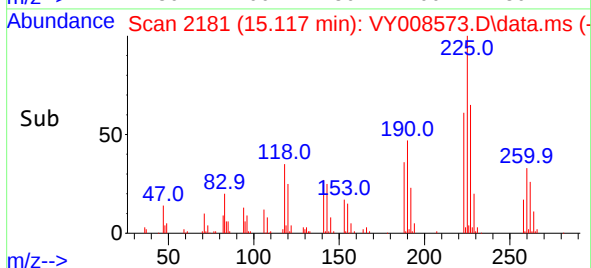
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

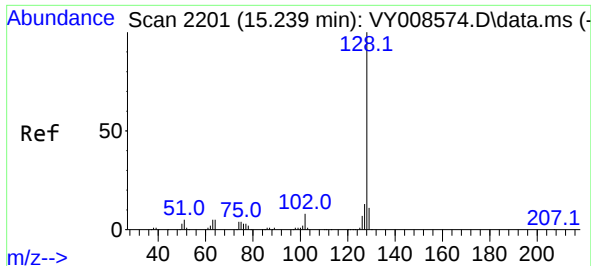


#94
Hexachlorobutadiene
Concen: 27.137 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



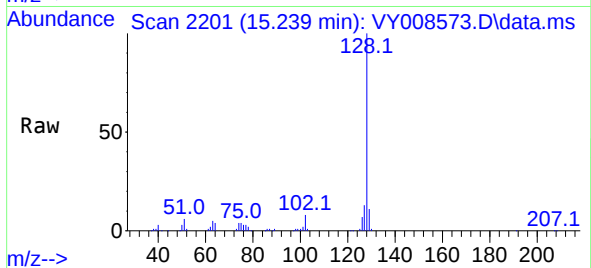
Tgt Ion:225 Resp: 29180
Ion Ratio Lower Upper
225 100
223 62.3 30.8 92.3
227 64.7 31.6 94.7





#95
Naphthalene
Concen: 21.073 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57

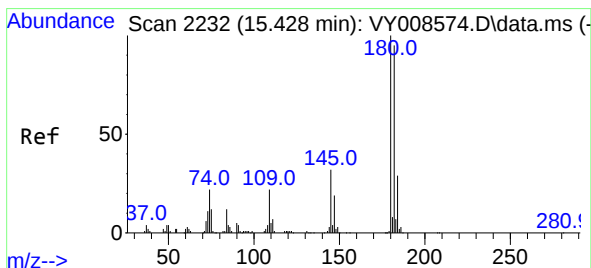
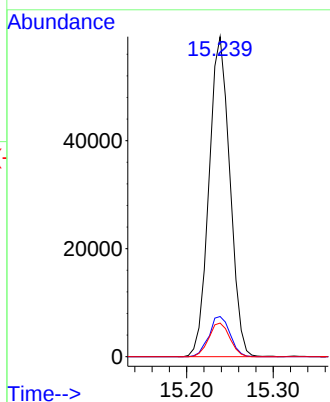
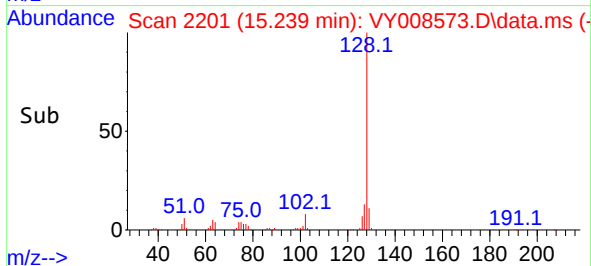
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



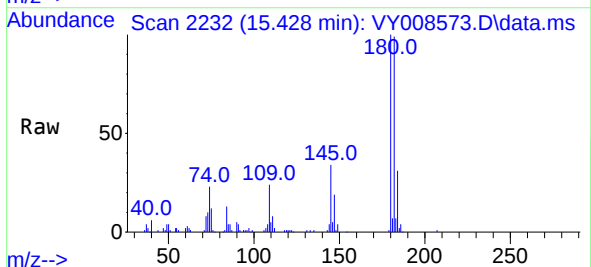
Tgt Ion:128 Resp: 9914
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.4
129 10.6 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 23.074 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY008573.D
Acq: 02 May 2022 15:57



Tgt Ion:180 Resp: 43062
Ion Ratio Lower Upper
180 100
182 97.0 47.3 141.9
145 31.7 15.3 45.9

