

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013416.D
 Acq On : 24 Apr 2023 23:34
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 25 07:10:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	255306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	405370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	363990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	178931	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	140605	50.239	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.480%	
35) Dibromofluoromethane	7.716	113	126034	49.433	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.860%	
50) Toluene-d8	10.179	98	431437	47.568	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.140%	
62) 4-Bromofluorobenzene	12.483	95	150208	49.124	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	124238	51.187	ug/l	98
3) Chloromethane	2.113	50	137573	42.286	ug/l	99
4) Vinyl Chloride	2.253	62	136401	42.107	ug/l	96
5) Bromomethane	2.656	94	110007	42.614	ug/l	96
6) Chloroethane	2.796	64	90552	40.463	ug/l	96
7) Trichlorofluoromethane	3.131	101	229184	46.702	ug/l	98
8) Diethyl Ether	3.534	74	82935	49.628	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.905	101	127411	46.287	ug/l	97
10) Methyl Iodide	4.088	142	178578	51.653	ug/l	99
11) Tert butyl alcohol	4.978	59	95311	302.218	ug/l #	91
12) 1,1-Dichloroethene	3.875	96	124392	46.881	ug/l	96
13) Acrolein	3.735	56	62014	253.730	ug/l	95
14) Allyl chloride	4.478	41	229540	46.623	ug/l	97
15) Acrylonitrile	5.167	53	272425	291.085	ug/l	99
16) Acetone	3.954	43	256878	233.067	ug/l	98
17) Carbon Disulfide	4.198	76	410490	47.626	ug/l	99
18) Methyl Acetate	4.478	43	204767	56.251	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	399901	52.205	ug/l	99
20) Methylene Chloride	4.722	84	172292	49.880	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	145689	50.218	ug/l	98
22) Diisopropyl ether	6.118	45	480167	49.898	ug/l	95
23) Vinyl Acetate	6.064	43	1590485	291.913	ug/l	97
24) 1,1-Dichloroethane	6.015	63	261047	48.674	ug/l	97
25) 2-Butanone	6.990	43	383070	274.055	ug/l	95
26) 2,2-Dichloropropane	6.984	77	208023	45.013	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	162786	50.785	ug/l	98
28) Bromochloromethane	7.332	49	93057	48.895	ug/l	87
29) Tetrahydrofuran	7.350	42	263622	302.982	ug/l	93
30) Chloroform	7.508	83	269373	50.517	ug/l	99
31) Cyclohexane	7.789	56	223650	44.633	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	233359	49.042	ug/l	96
36) 1,1-Dichloropropene	7.917	75	198825	46.988	ug/l	98
37) Ethyl Acetate	7.069	43	176771	55.514	ug/l	96
38) Carbon Tetrachloride	7.905	117	214747	48.421	ug/l	96
39) Methylcyclohexane	9.185	83	236035	47.317	ug/l	99
40) Benzene	8.161	78	585983	49.162	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	241059	162.455	ug/l #	34
42) 1,2-Dichloroethane	8.240	62	199840	51.283	ug/l	99
43) Isopropyl Acetate	8.270	43	289640	53.889	ug/l	96
44) Trichloroethene	8.941	130	153844	48.523	ug/l	97
45) 1,2-Dichloropropane	9.215	63	153170	49.148	ug/l	98
46) Dibromomethane	9.307	93	98160	52.641	ug/l	96
47) Bromodichloromethane	9.496	83	213441	51.154	ug/l	97
48) Methyl methacrylate	9.295	41	135224	54.781	ug/l	96
49) 1,4-Dioxane	9.313	88	32158	1207.494	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	875448	292.299	ug/l	97
52) Toluene	10.246	92	356507	49.703	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	224289	50.790	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	243830	49.070	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	131664	53.318	ug/l	98
56) Ethyl methacrylate	10.508	69	192126	56.080	ug/l	92
57) 1,3-Dichloropropane	10.788	76	220147	52.639	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	318936	248.261	ug/l	95
59) 2-Hexanone	10.831	43	634746	291.549	ug/l	98
60) Dibromochloromethane	10.983	129	156710	52.264	ug/l	99
61) 1,2-Dibromoethane	11.087	107	128165	52.790	ug/l	99
64) Tetrachloroethene	10.721	164	134175	48.477	ug/l	95
65) Chlorobenzene	11.514	112	385760	48.651	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	148066	49.930	ug/l	99
67) Ethyl Benzene	11.593	91	674812	48.466	ug/l	100
68) m/p-Xylenes	11.703	106	518644	97.986	ug/l	99
69) o-Xylene	12.026	106	246602	49.262	ug/l	98
70) Styrene	12.044	104	421147	50.316	ug/l	99
71) Bromoform	12.209	173	108119	52.052	ug/l #	99
73) Isopropylbenzene	12.331	105	637045	47.071	ug/l	99
74) N-amyl acetate	12.142	43	251703	52.263	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	175895	53.173	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	224090	92.864	ug/l #	100
77) Bromobenzene	12.611	156	160383	48.908	ug/l	91
78) n-propylbenzene	12.672	91	784191	47.043	ug/l	98
79) 2-Chlorotoluene	12.757	91	444970	47.800	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	531241	48.093	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	62321	52.829	ug/l	97
82) 4-Chlorotoluene	12.855	91	462042	47.621	ug/l	98
83) tert-Butylbenzene	13.075	119	456722	47.724	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	525484	48.930	ug/l	100
85) sec-Butylbenzene	13.251	105	674545	46.965	ug/l	98
86) p-Isopropyltoluene	13.367	119	543887	47.089	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	299530	47.943	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	300042	47.543	ug/l	100
89) n-Butylbenzene	13.696	91	522615	46.359	ug/l	99
90) Hexachloroethane	13.958	117	113738	46.788	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	278036	49.282	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	32251	55.202	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	171250	50.912	ug/l	97
94) Hexachlorobutadiene	15.111	225	95314	48.690	ug/l	98
95) Naphthalene	15.233	128	430327	58.964	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	158547	52.885	ug/l	99

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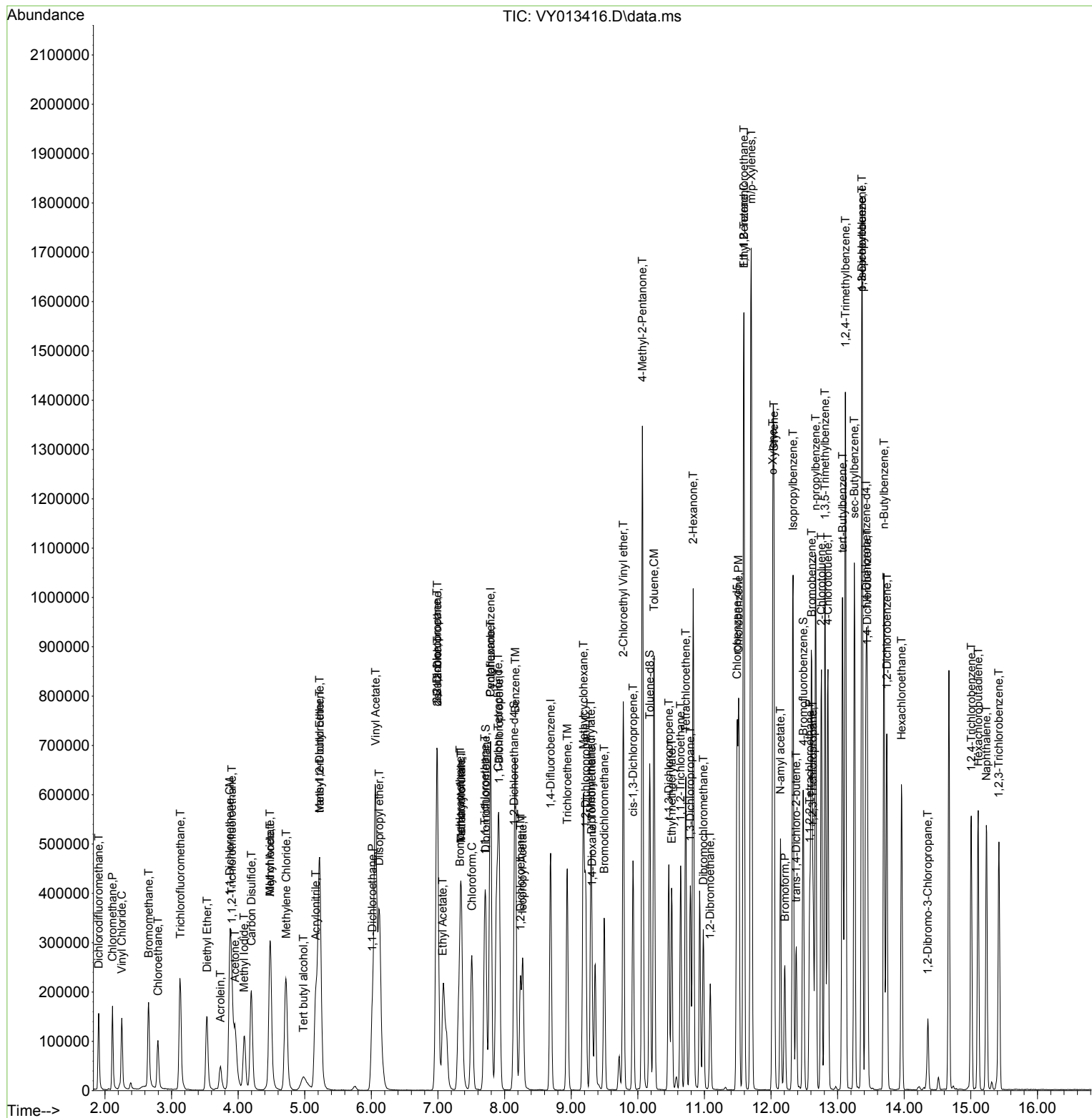
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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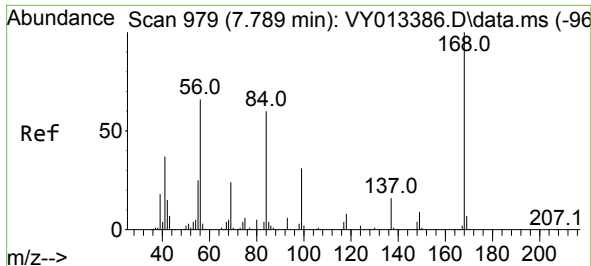
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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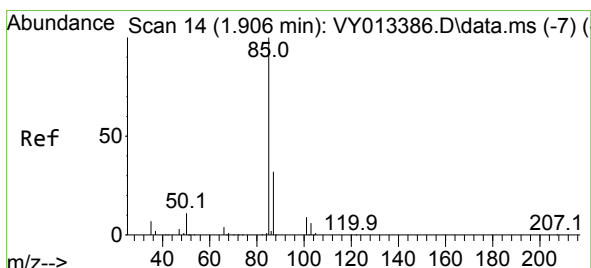
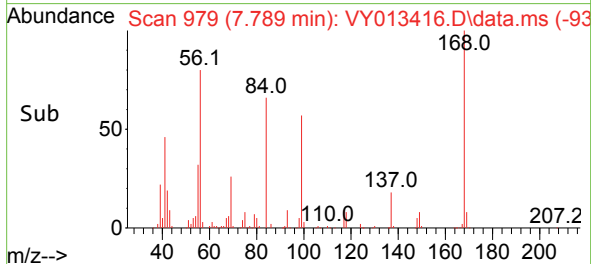
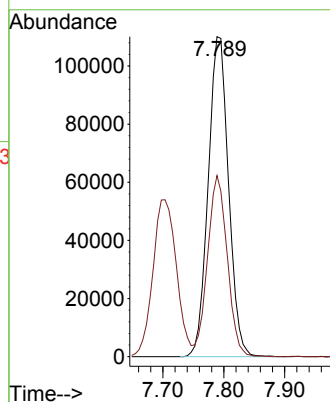
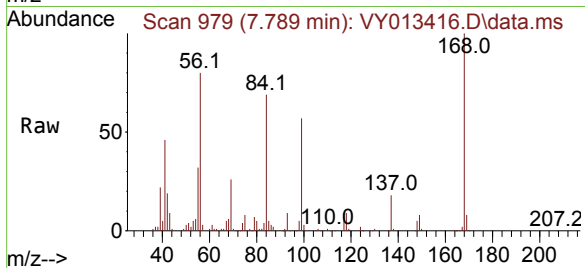




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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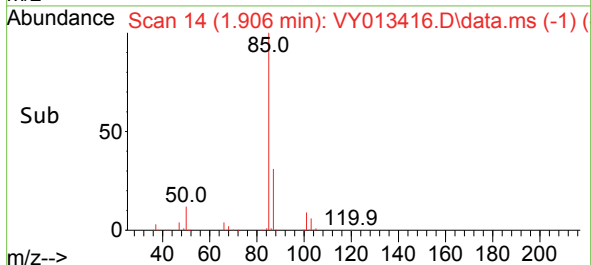
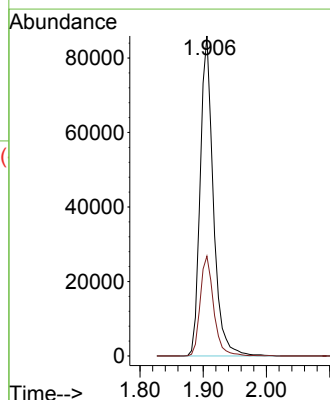
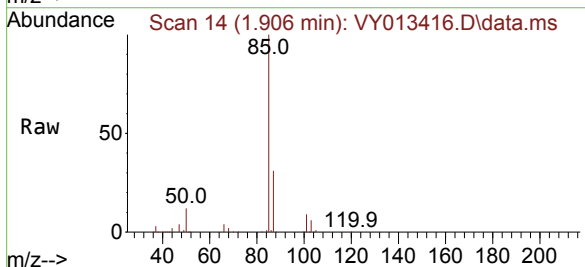
Instrument :
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ClientSampleId :
VSTDCCC050

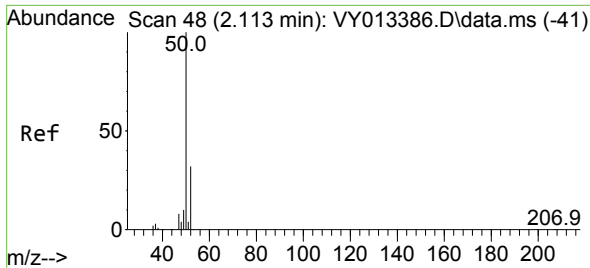
Tgt Ion:168 Resp: 255306
Ion Ratio Lower Upper
168 100
99 56.5 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 51.187 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 85 Resp: 124238
Ion Ratio Lower Upper
85 100
87 31.2 16.1 48.2

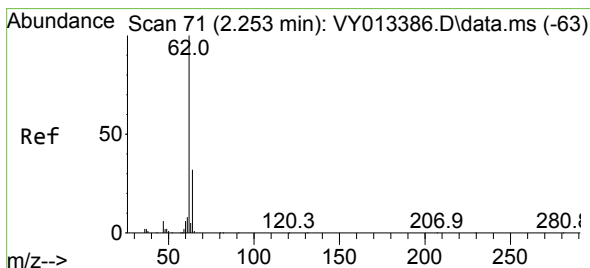
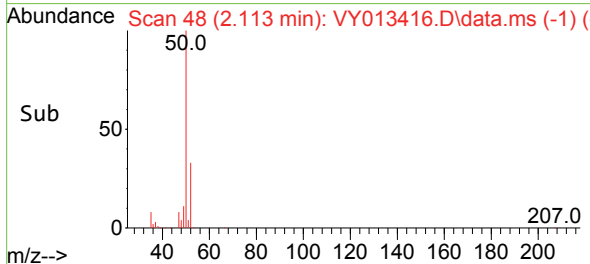
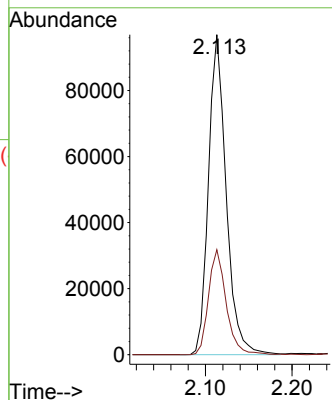
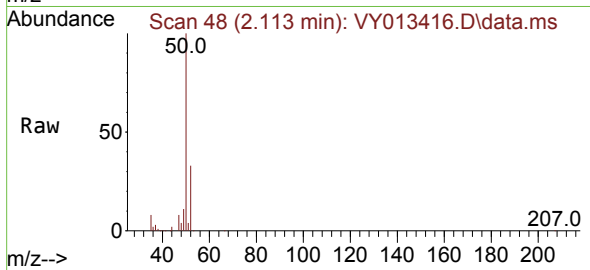




#3
Chloromethane
Concen: 42.286 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

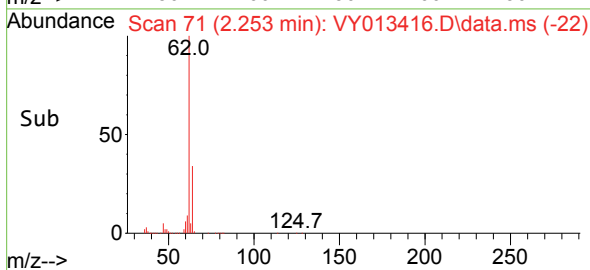
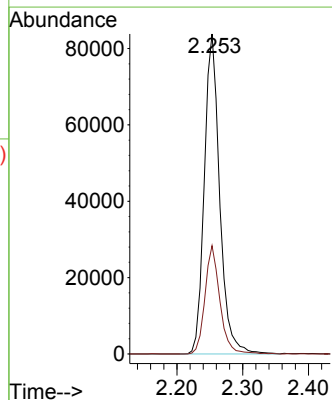
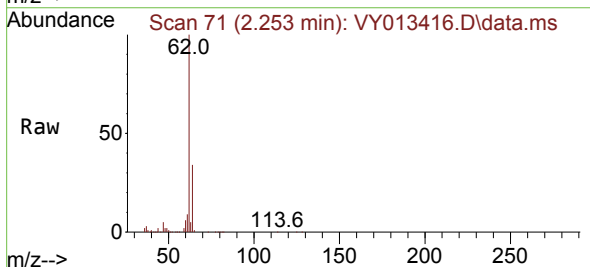
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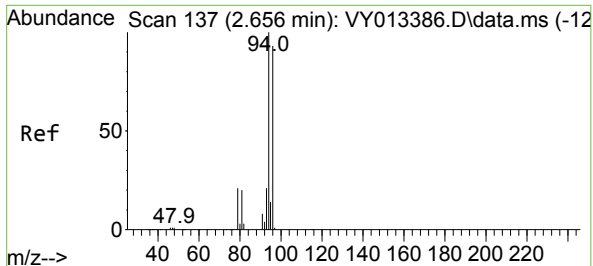
Tgt Ion: 50 Resp: 137573
Ion Ratio Lower Upper
50 100
52 32.8 25.9 38.9



#4
Vinyl Chloride
Concen: 42.107 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 62 Resp: 136401
Ion Ratio Lower Upper
62 100
64 33.8 25.4 38.0

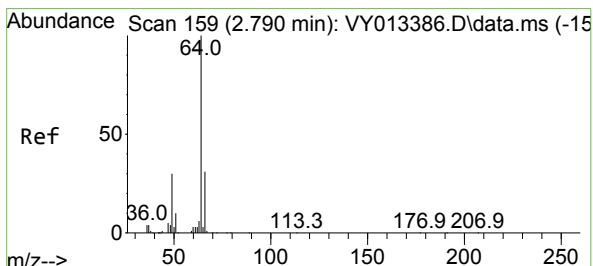
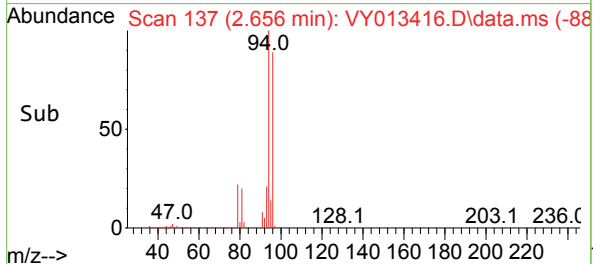
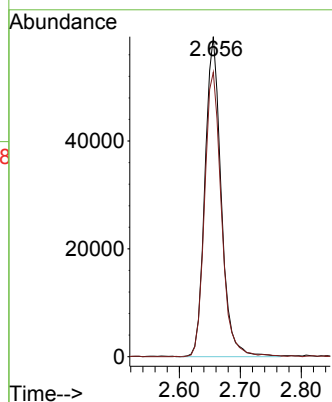
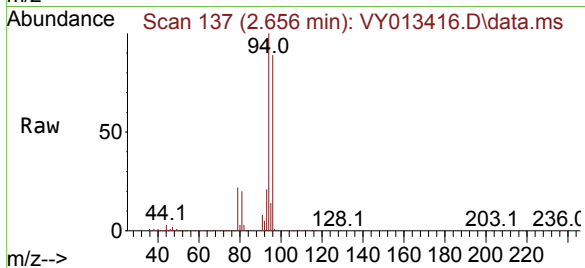




#5
Bromomethane
Concen: 42.614 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013416.D
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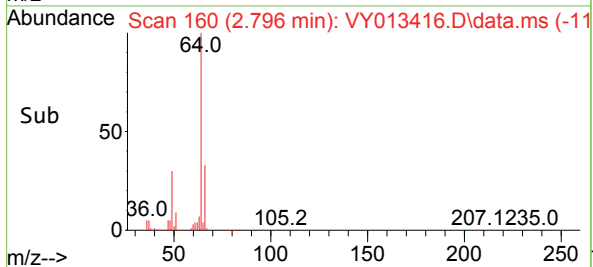
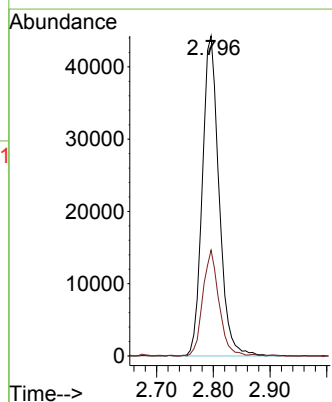
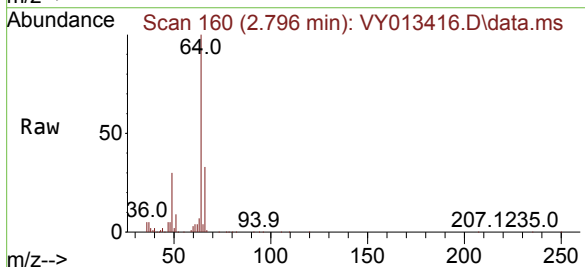
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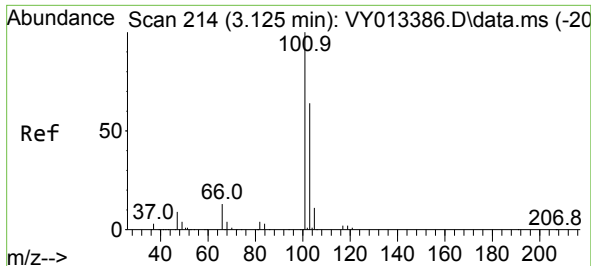
Tgt Ion: 94 Resp: 110007
Ion Ratio Lower Upper
94 100
96 88.9 74.2 111.2



#6
Chloroethane
Concen: 40.463 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013416.D
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Tgt Ion: 64 Resp: 90552
Ion Ratio Lower Upper
64 100
66 33.1 24.6 37.0

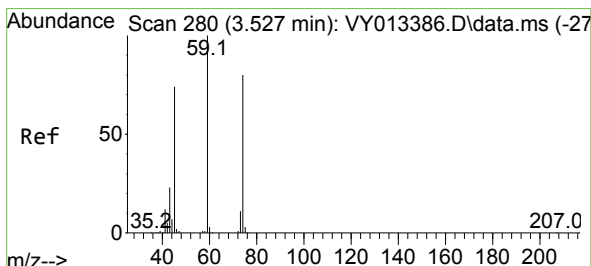
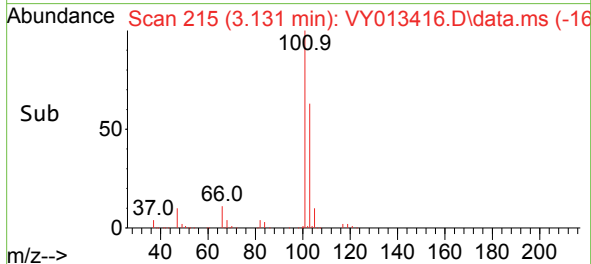
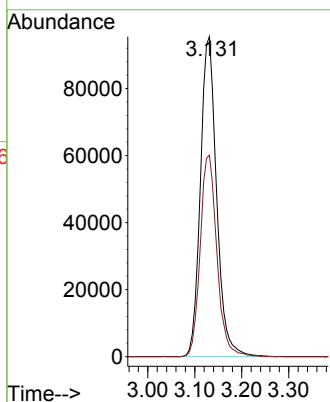
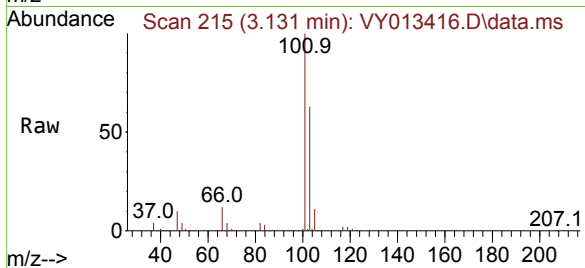




#7
Trichlorofluoromethane
Concen: 46.702 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

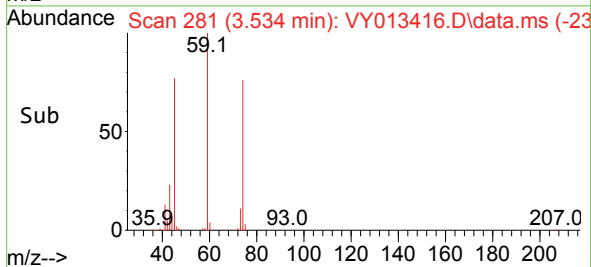
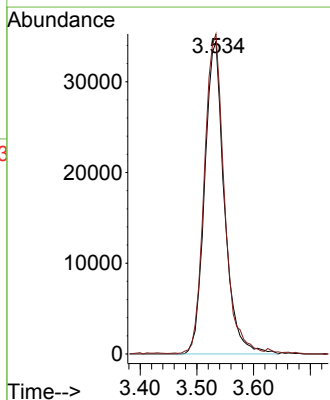
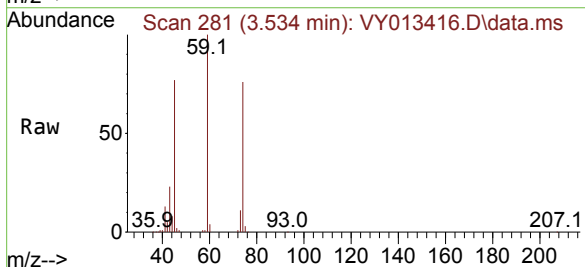
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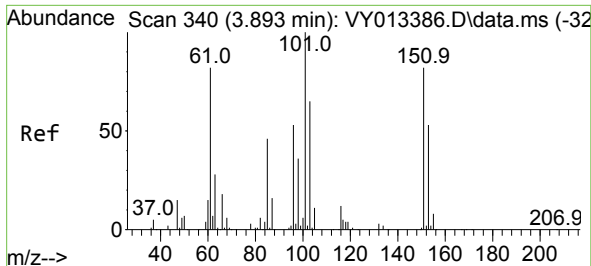
Tgt Ion:101 Resp: 229184
Ion Ratio Lower Upper
101 100
103 63.0 51.6 77.4



#8
Diethyl Ether
Concen: 49.628 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.007 min
Lab File: VY013416.D
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Tgt Ion: 74 Resp: 82935
Ion Ratio Lower Upper
74 100
45 104.1 48.2 144.6

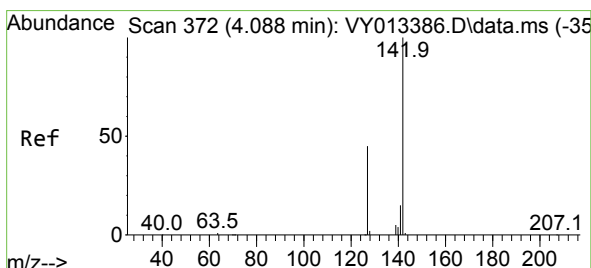
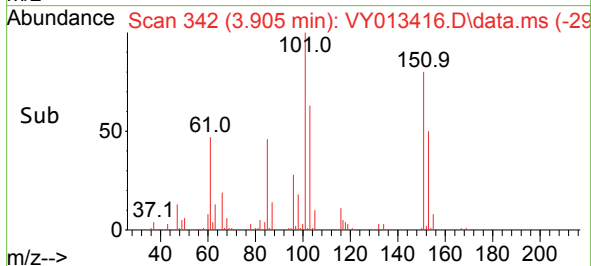
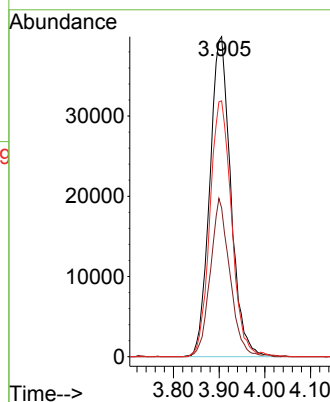
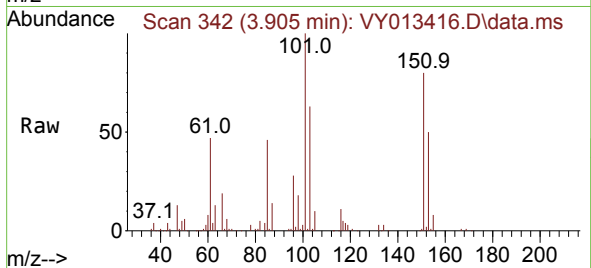




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.287 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

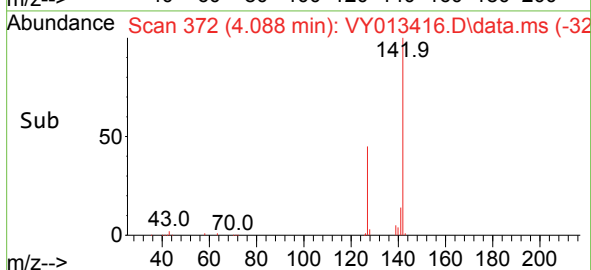
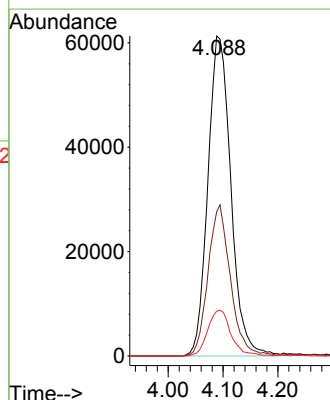
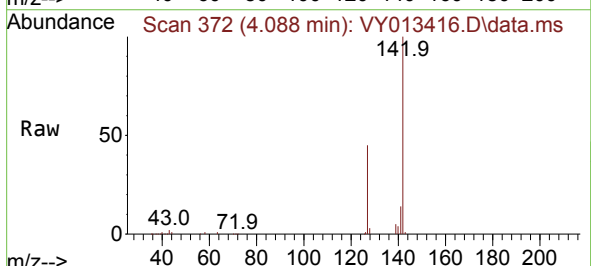
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

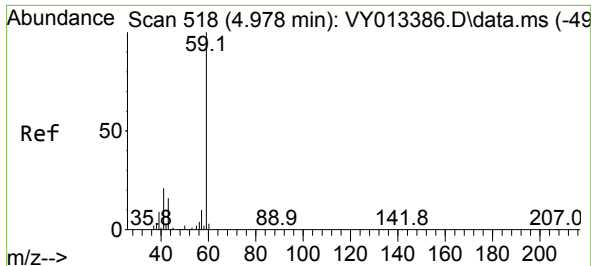
Tgt Ion:101 Resp: 127411
Ion Ratio Lower Upper
101 100
85 46.1 35.6 53.4
151 82.1 68.0 102.0



#10
Methyl Iodide
Concen: 51.653 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion:142 Resp: 178578
Ion Ratio Lower Upper
142 100
127 45.8 36.1 54.1
141 14.5 11.6 17.4

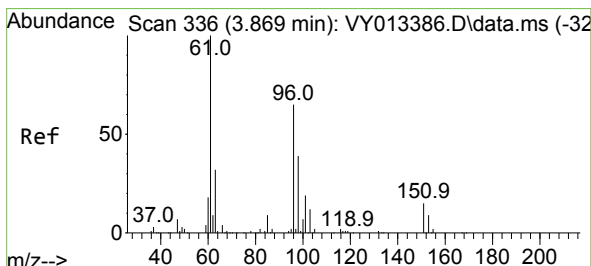
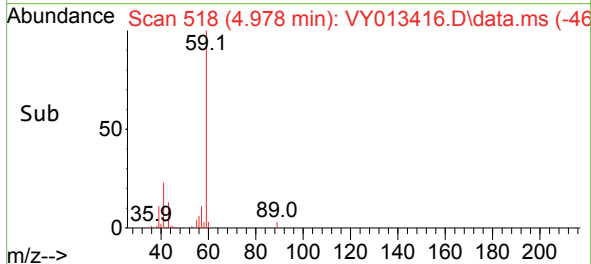
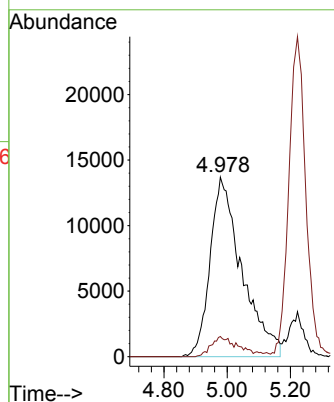
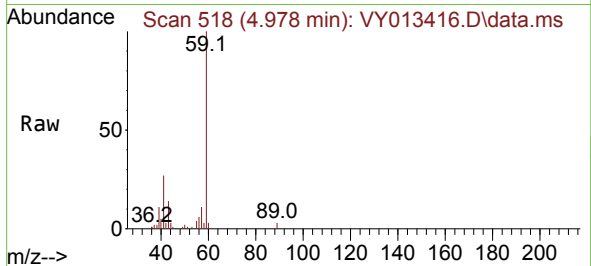




#11
Tert butyl alcohol
Concen: 302.218 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

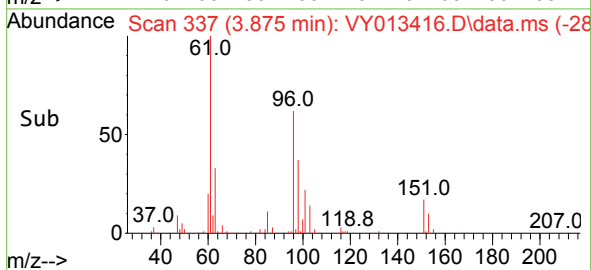
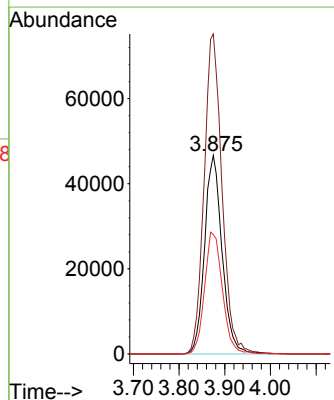
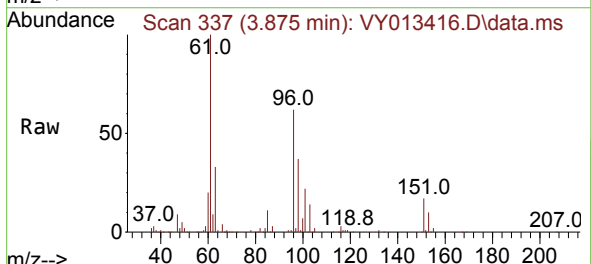
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

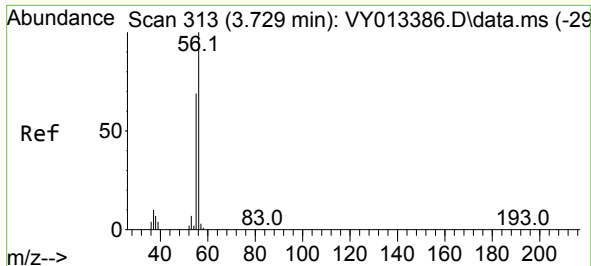
Tgt Ion: 59 Resp: 95311
Ion Ratio Lower Upper
59 100
57 6.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 46.881 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 96 Resp: 124392
Ion Ratio Lower Upper
96 100
61 161.2 123.9 185.9
98 60.1 48.9 73.3





#13

Acrolein

Concen: 253.730 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

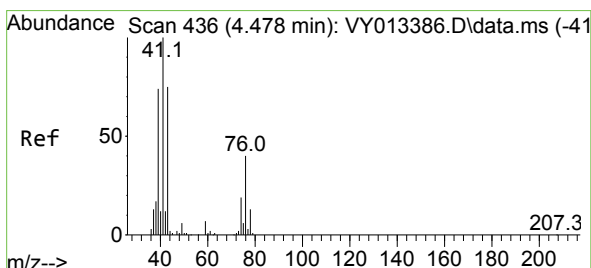
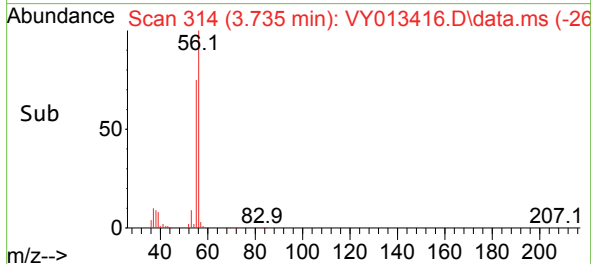
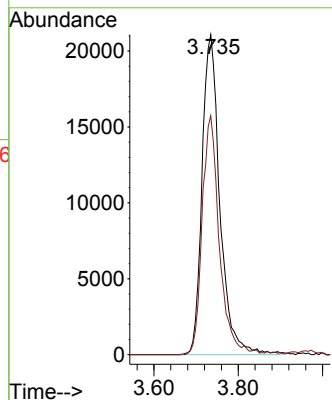
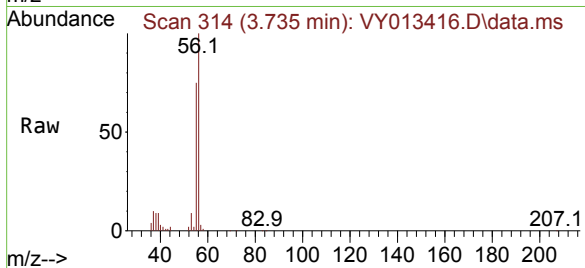
VSTDCCC050

Tgt Ion: 56 Resp: 62014

Ion Ratio Lower Upper

56 100

55 71.4 54.1 81.1



#14

Allyl chloride

Concen: 46.623 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

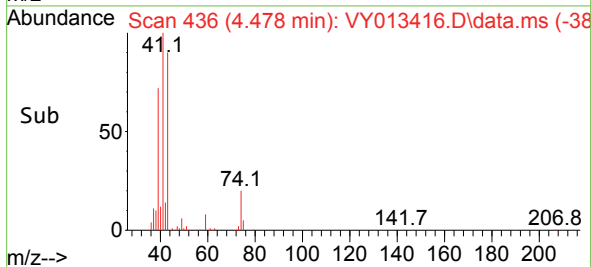
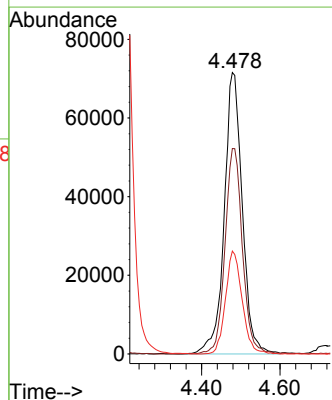
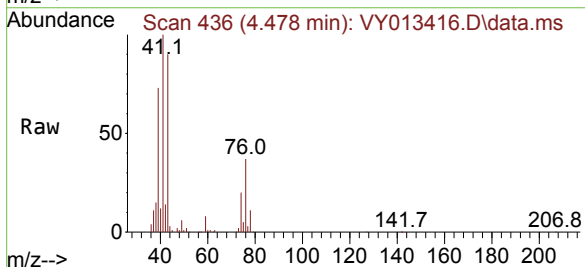
Tgt Ion: 41 Resp: 229540

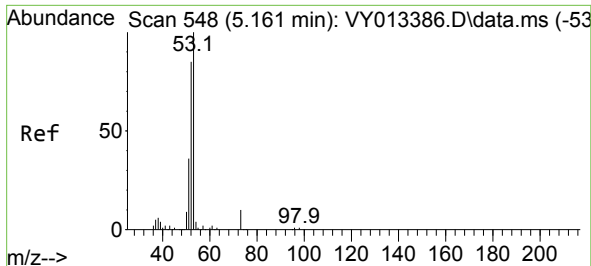
Ion Ratio Lower Upper

41 100

39 70.0 56.6 85.0

76 33.7 30.5 45.7

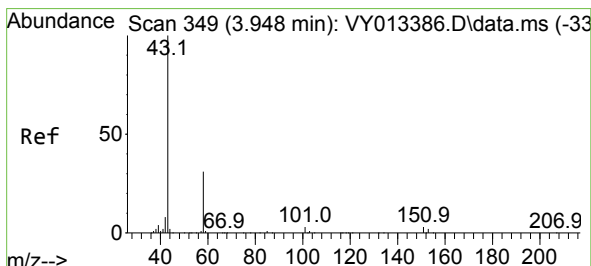
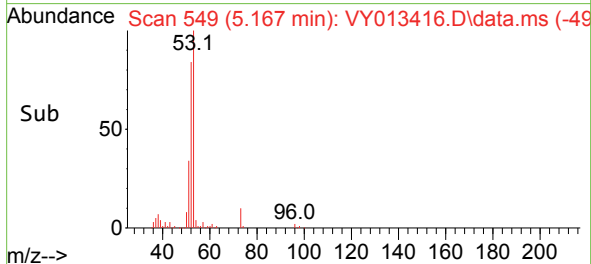
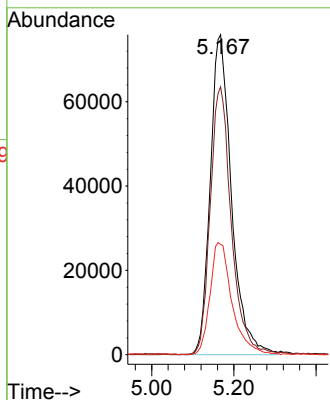
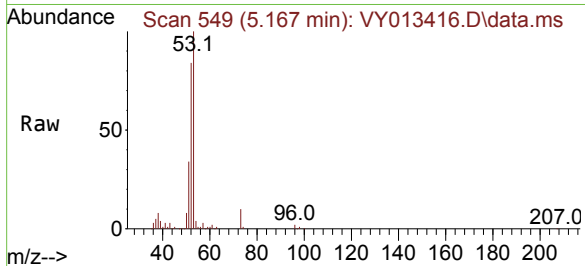




#15
Acrylonitrile
Concen: 291.085 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

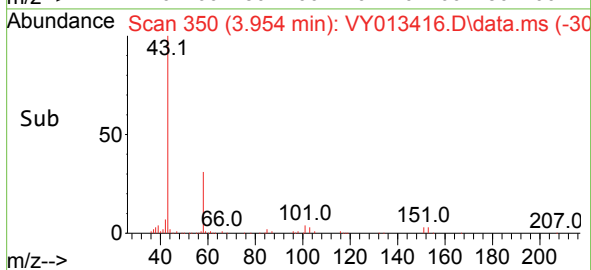
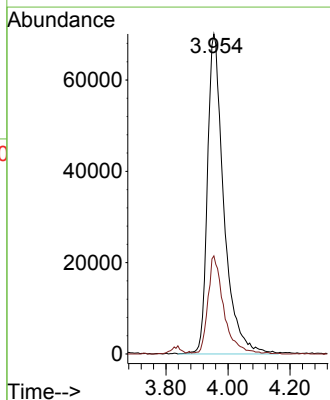
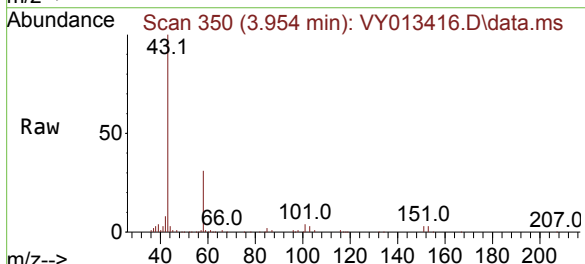
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

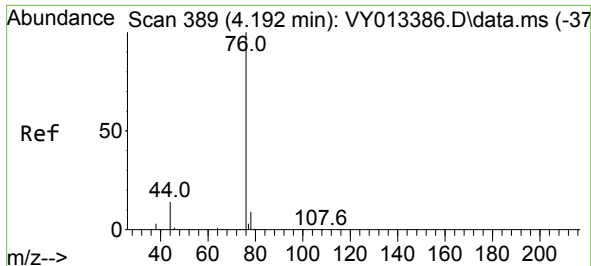
Tgt Ion: 53 Resp: 272425
Ion Ratio Lower Upper
53 100
52 83.2 65.4 98.0
51 36.4 29.3 43.9



#16
Acetone
Concen: 233.067 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 43 Resp: 256878
Ion Ratio Lower Upper
43 100
58 30.5 25.4 38.0

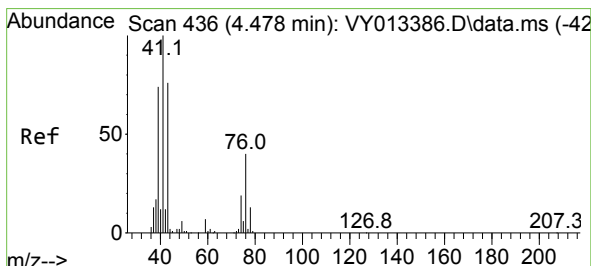
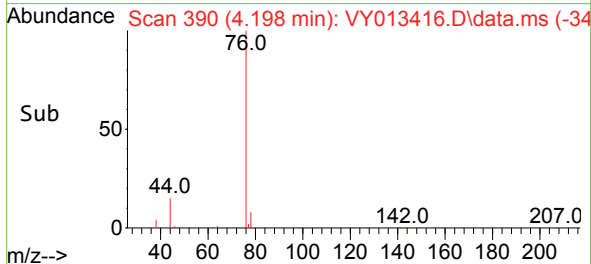
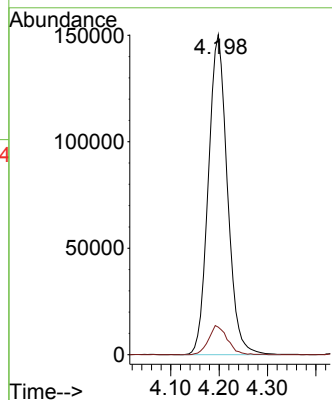
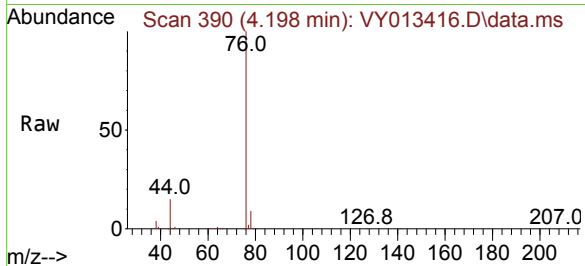




#17
Carbon Disulfide
Concen: 47.626 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

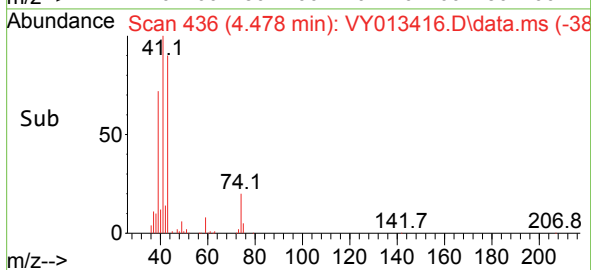
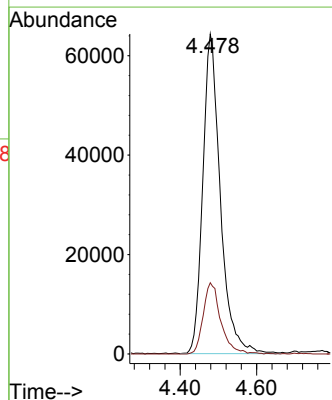
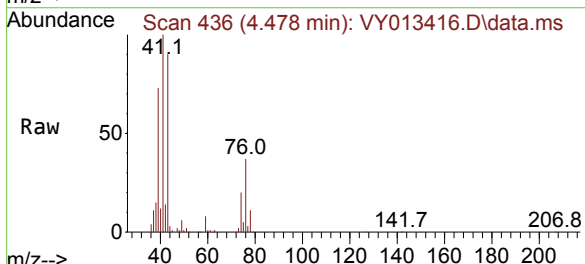
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

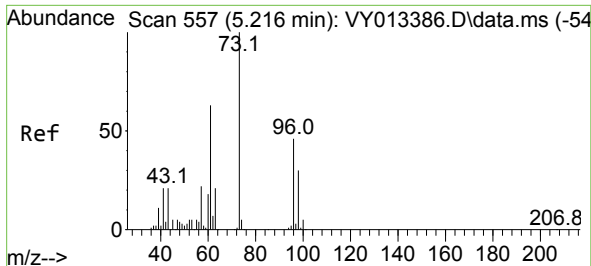
Tgt Ion: 76 Resp: 410490
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 56.251 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 43 Resp: 204767
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2

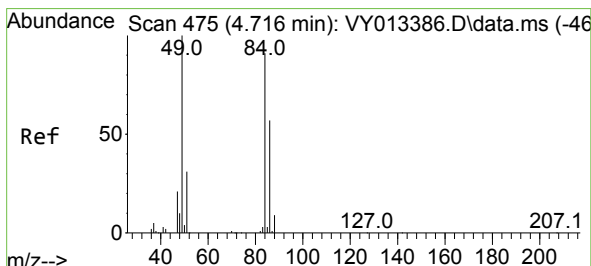
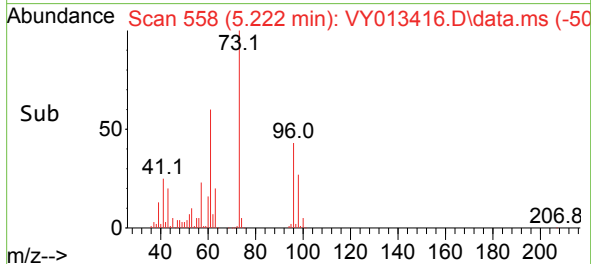
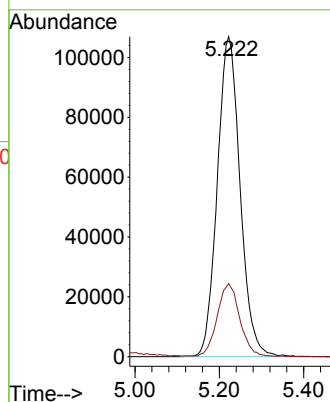
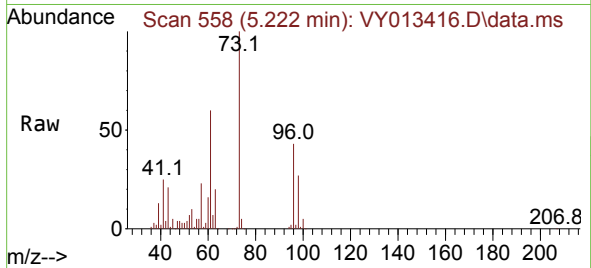




#19
Methyl tert-butyl Ether
Concen: 52.205 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

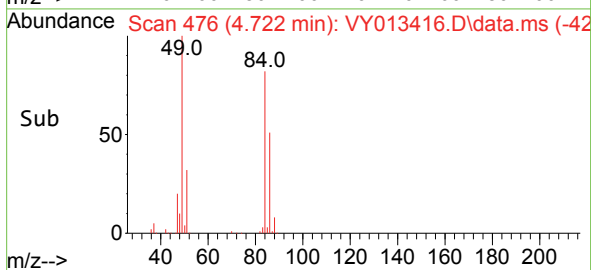
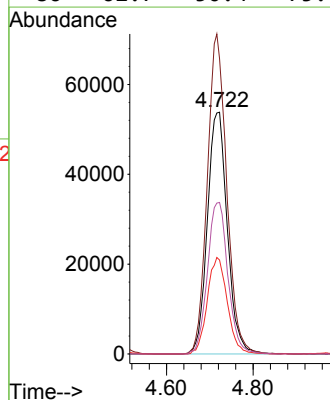
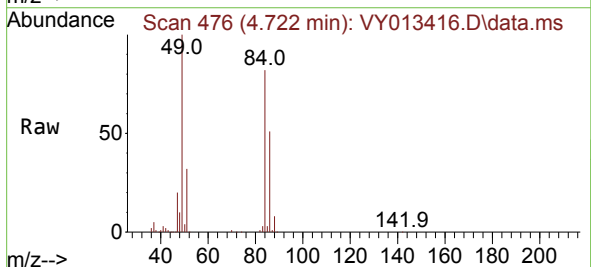
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

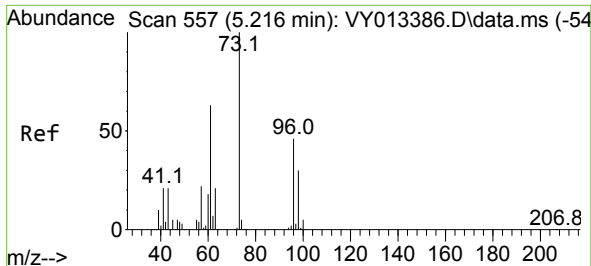
Tgt Ion: 73 Resp: 399901
Ion Ratio Lower Upper
73 100
57 22.6 17.8 26.8



#20
Methylene Chloride
Concen: 49.880 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 84 Resp: 172292
Ion Ratio Lower Upper
84 100
49 122.1 88.0 132.0
51 38.8 27.4 41.0
86 62.7 50.4 75.6

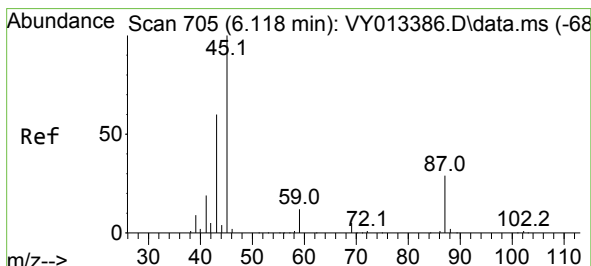
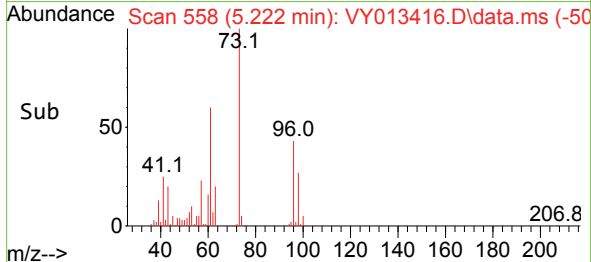
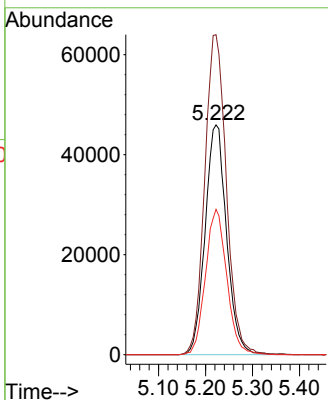
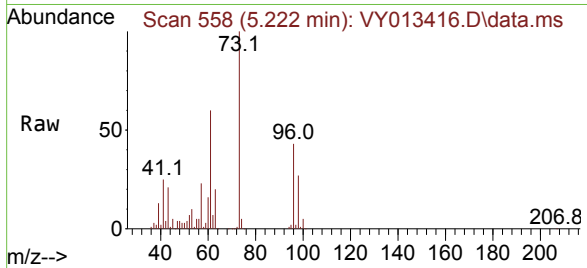




#21
trans-1,2-Dichloroethene
Concen: 50.218 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

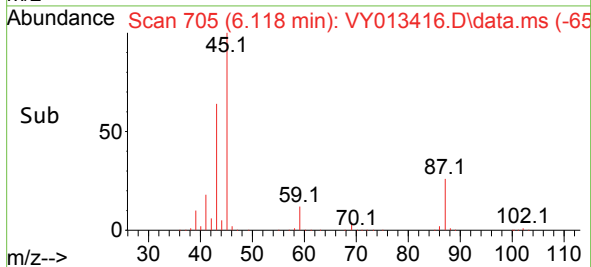
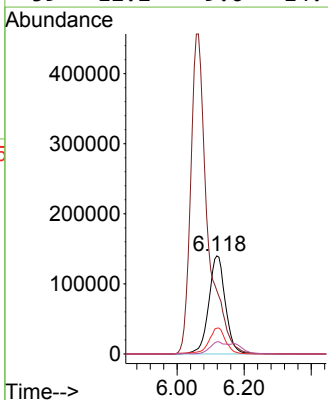
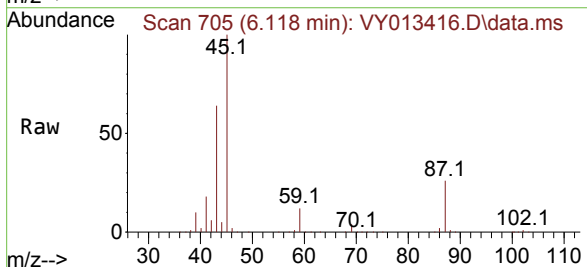
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

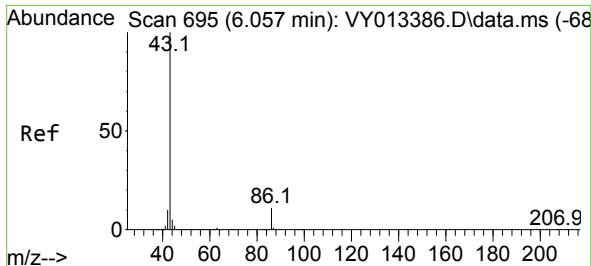
Tgt Ion: 96 Resp: 145689
Ion Ratio Lower Upper
96 100
61 139.2 110.6 165.8
98 63.2 53.1 79.7



#22
Diisopropyl ether
Concen: 49.898 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 45 Resp: 480167
Ion Ratio Lower Upper
45 100
43 64.1 48.4 72.6
87 26.3 23.8 35.6
59 12.2 9.6 14.4

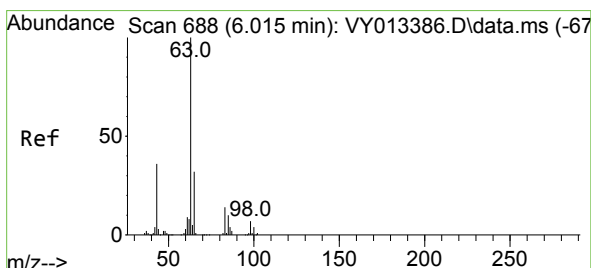
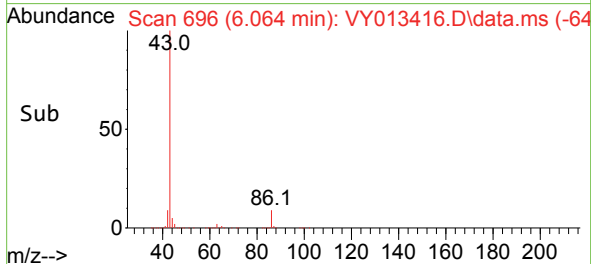
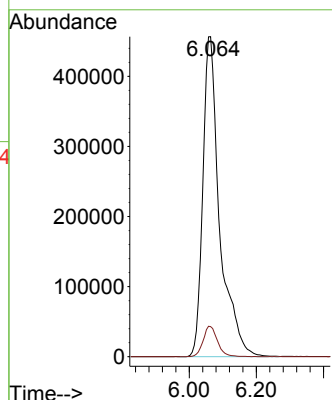
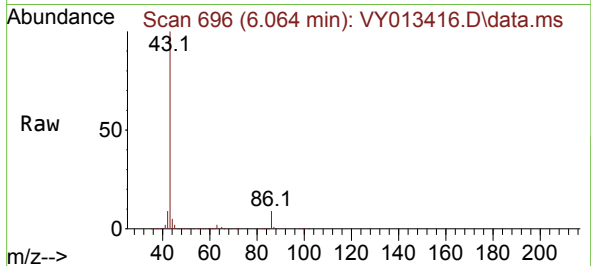




#23
 Vinyl Acetate
 Concen: 291.913 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.007 min
 Lab File: VY013416.D
 Acq: 24 Apr 2023 23:34

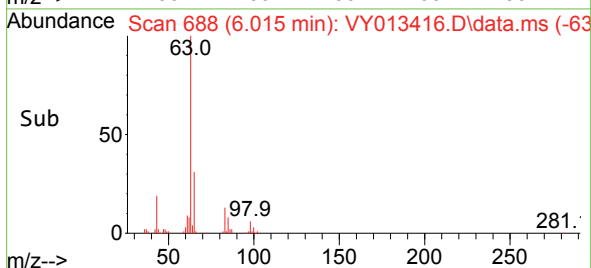
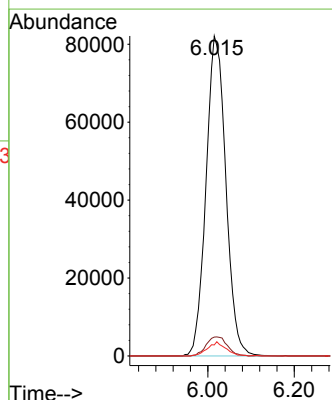
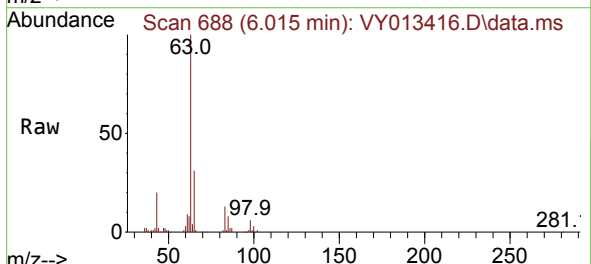
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

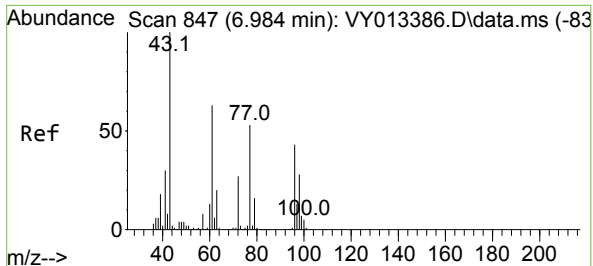
Tgt Ion: 43 Resp: 1590485
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 48.674 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013416.D
 Acq: 24 Apr 2023 23:34

Tgt Ion: 63 Resp: 261047
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.5 10.6
 100 3.5 2.2 6.6





#25

2-Butanone

Concen: 274.055 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

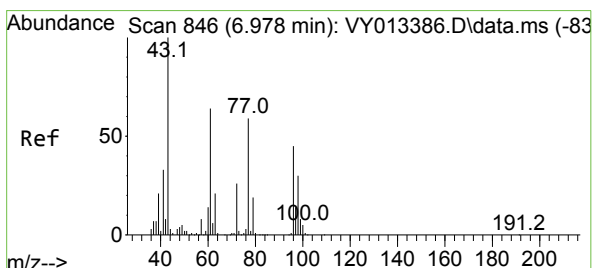
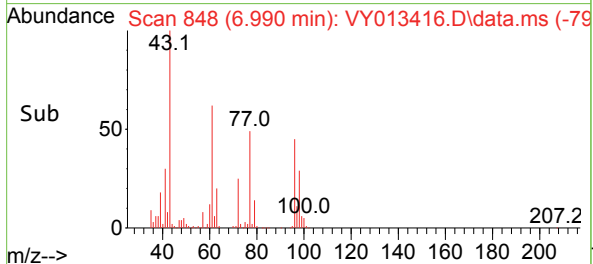
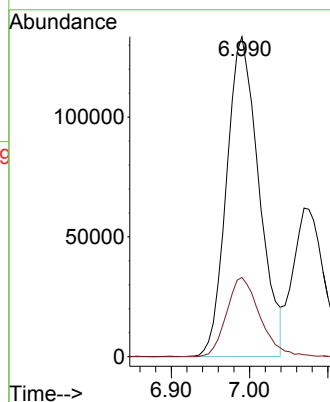
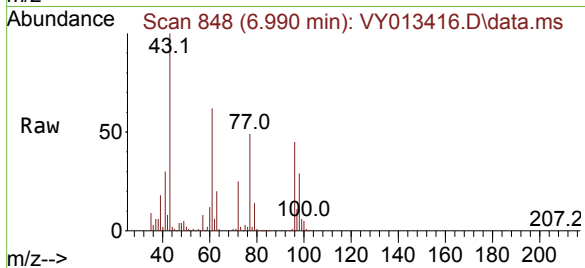
VSTDCCC050

Tgt Ion: 43 Resp: 383070

Ion Ratio Lower Upper

43 100

72 24.7 21.9 32.9



#26

2,2-Dichloropropane

Concen: 45.013 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY013416.D

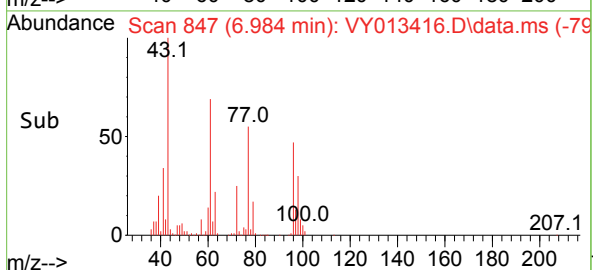
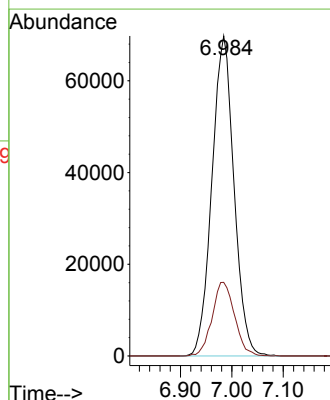
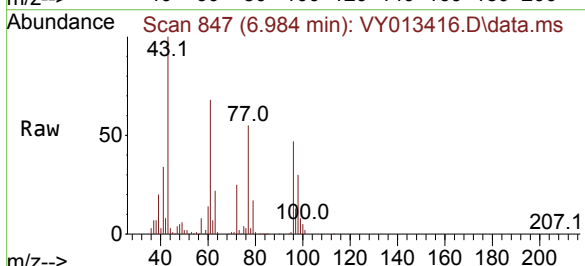
Acq: 24 Apr 2023 23:34

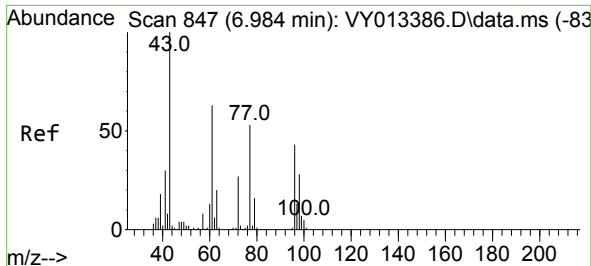
Tgt Ion: 77 Resp: 208023

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 50.785 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

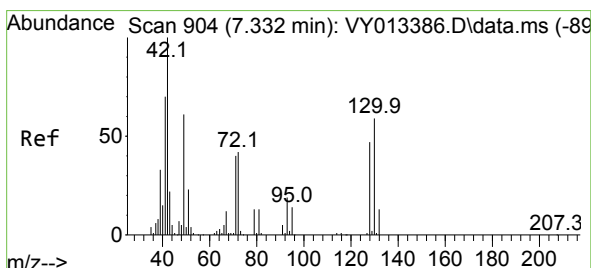
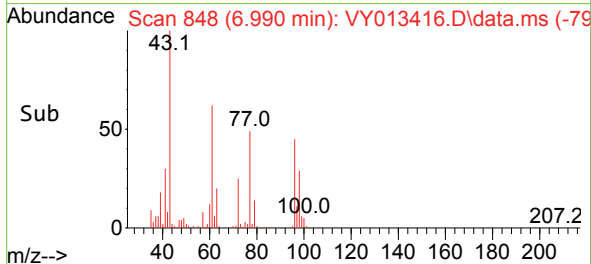
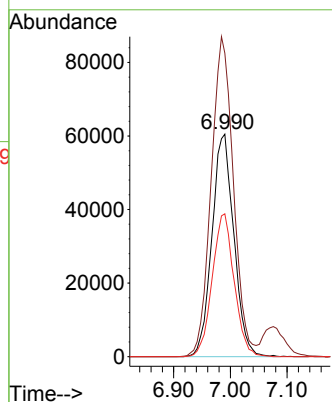
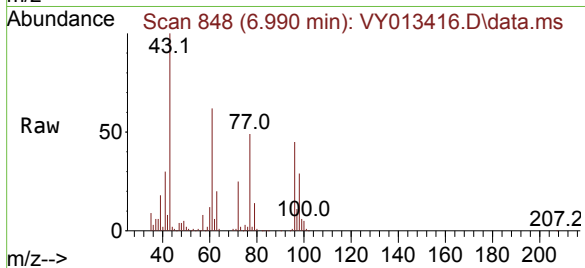
Tgt Ion: 96 Resp: 162786

Ion Ratio Lower Upper

96 100

61 145.7 0.0 285.0

98 64.1 0.0 130.6



#28

Bromochloromethane

Concen: 48.895 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

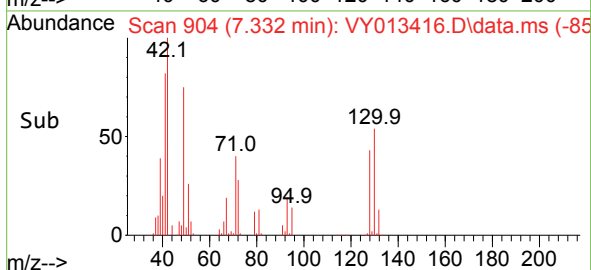
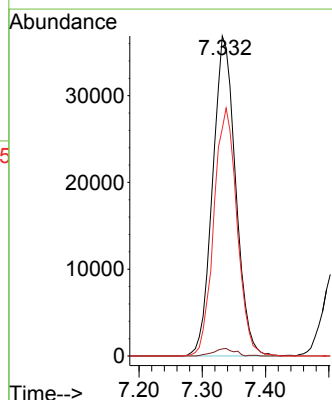
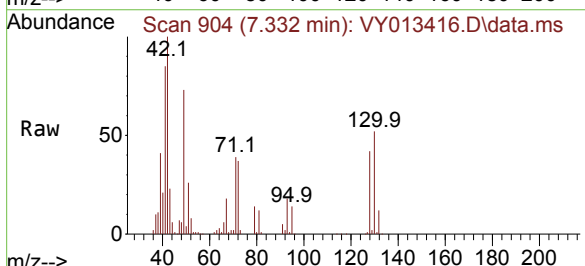
Tgt Ion: 49 Resp: 93057

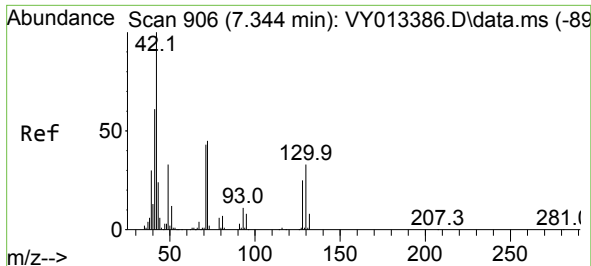
Ion Ratio Lower Upper

49 100

129 2.1 0.0 5.2

130 78.0 72.1 108.1





#29

Tetrahydrofuran

Concen: 302.982 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

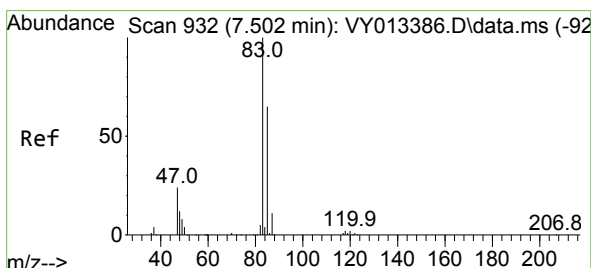
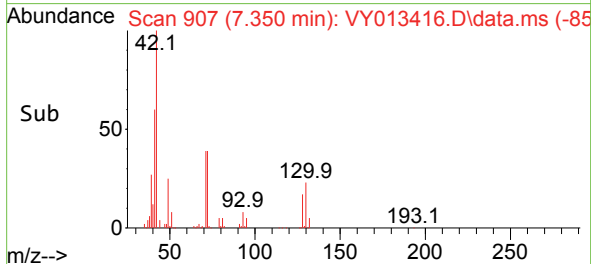
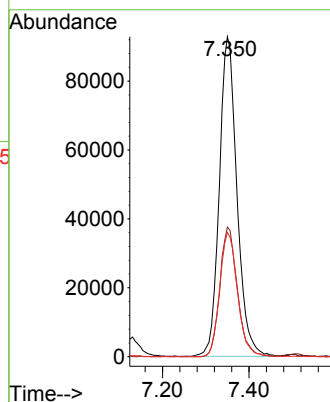
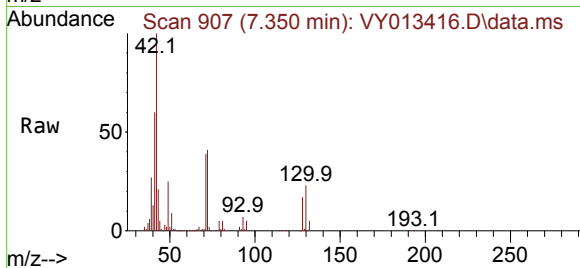
Tgt Ion: 42 Resp: 263622

Ion Ratio Lower Upper

42 100

72 40.2 35.9 53.9

71 39.2 34.3 51.5



#30

Chloroform

Concen: 50.517 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY013416.D

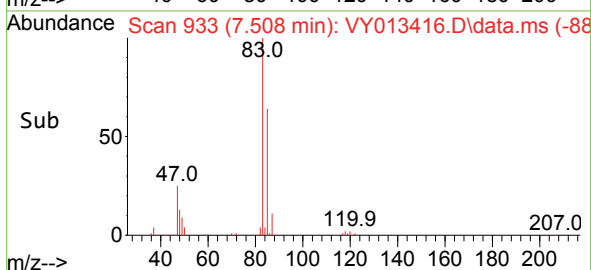
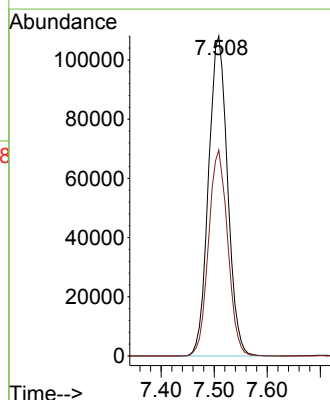
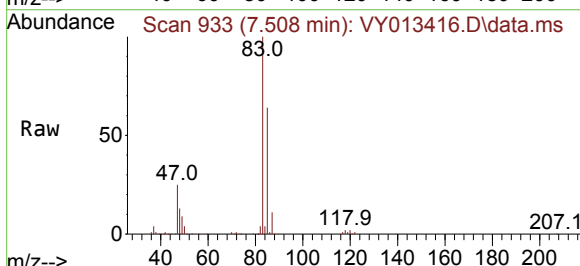
Acq: 24 Apr 2023 23:34

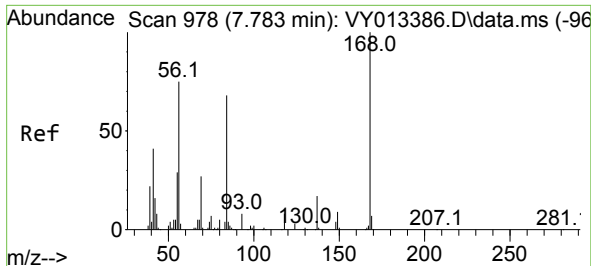
Tgt Ion: 83 Resp: 269373

Ion Ratio Lower Upper

83 100

85 64.3 52.0 78.0

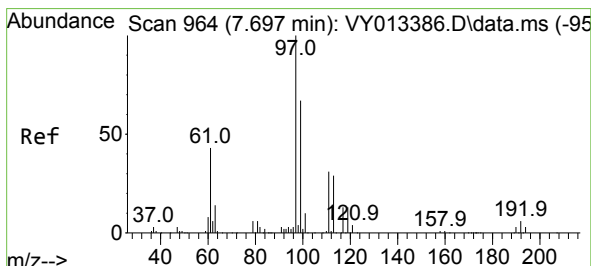
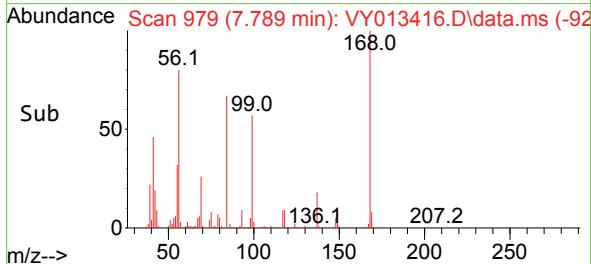
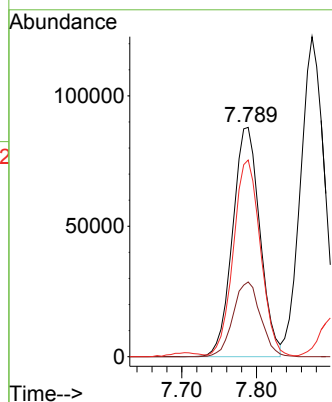
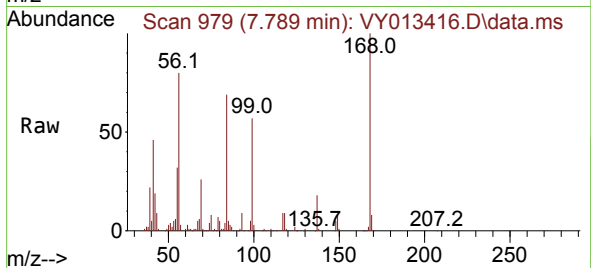




#31
Cyclohexane
Concen: 44.633 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

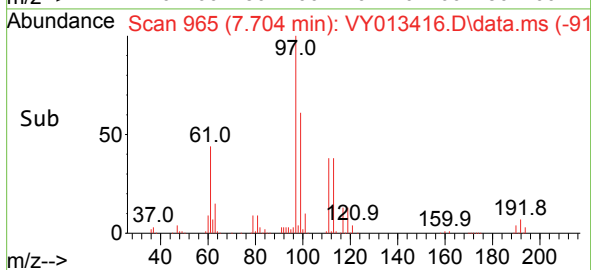
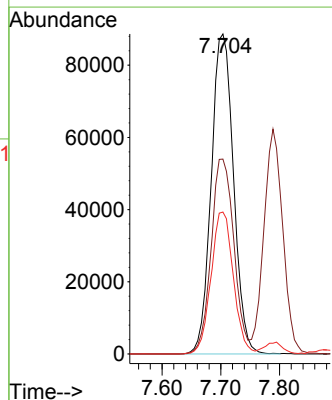
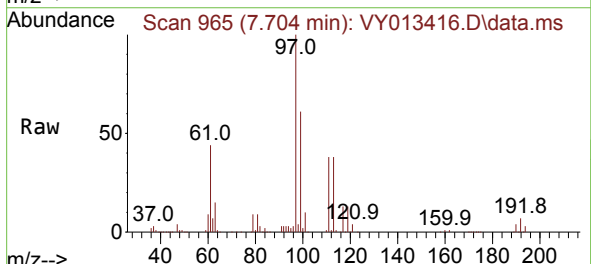
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

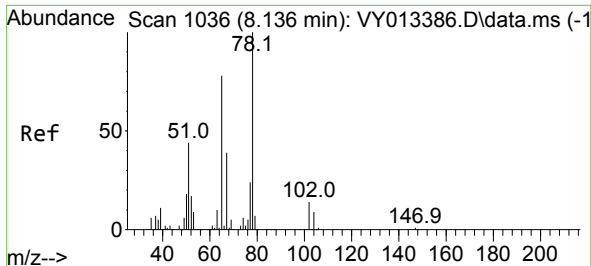
Tgt Ion: 56 Resp: 223650
Ion Ratio Lower Upper
56 100
69 32.6 29.2 43.8
84 84.3 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 49.042 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 97 Resp: 233359
Ion Ratio Lower Upper
97 100
99 62.2 52.2 78.2
61 44.5 33.8 50.8

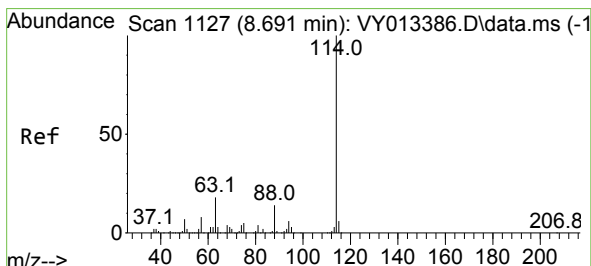
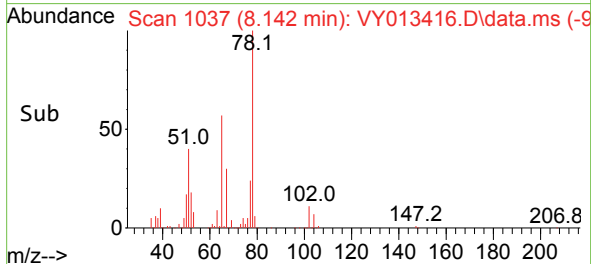
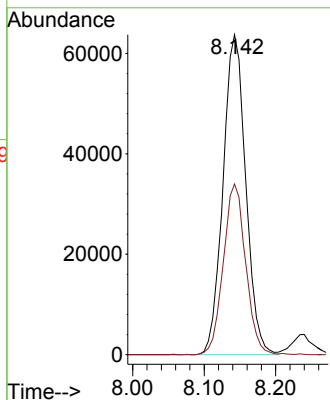
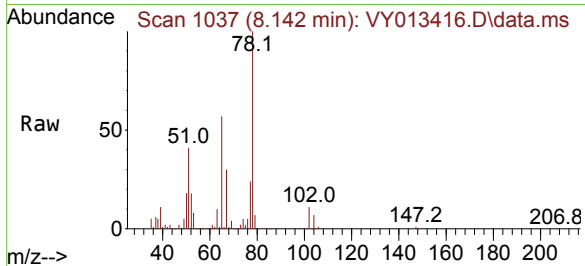




#33
 1,2-Dichloroethane-d4
 Concen: 50.239 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY013416.D
 Acq: 24 Apr 2023 23:34

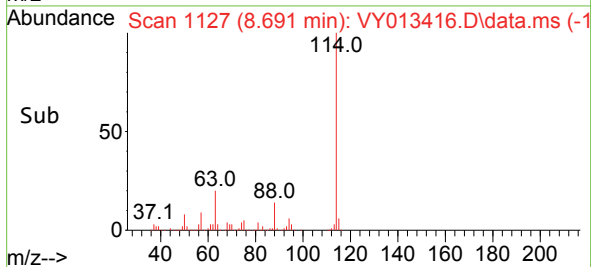
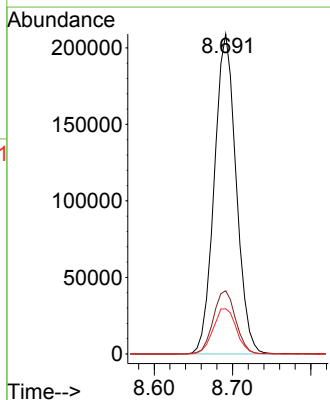
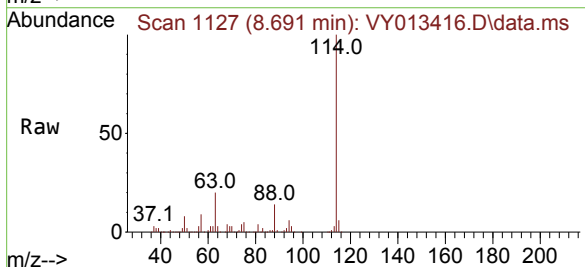
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

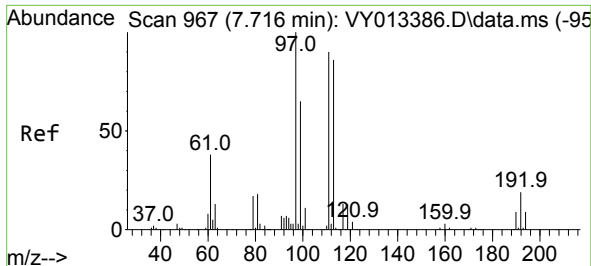
Tgt Ion: 65 Resp: 140605
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013416.D
 Acq: 24 Apr 2023 23:34

Tgt Ion: 114 Resp: 405370
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 36.6
 88 14.1 0.0 28.8

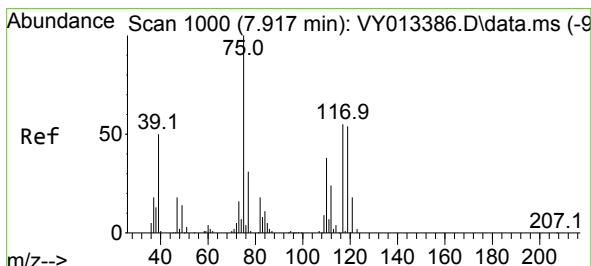
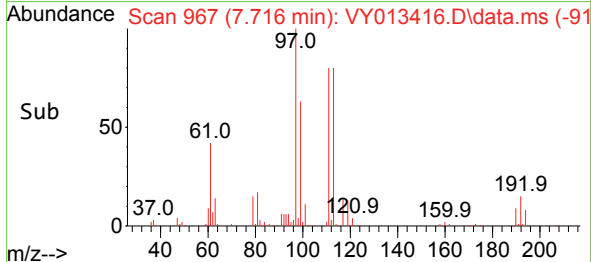
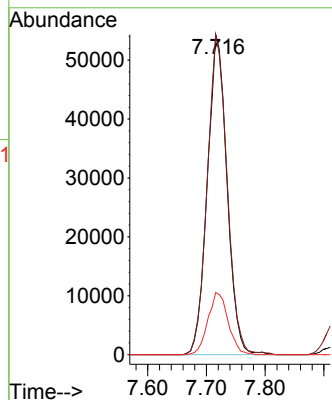
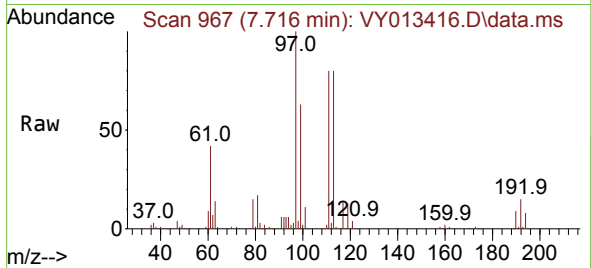




#35
Dibromofluoromethane
Concen: 49.433 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

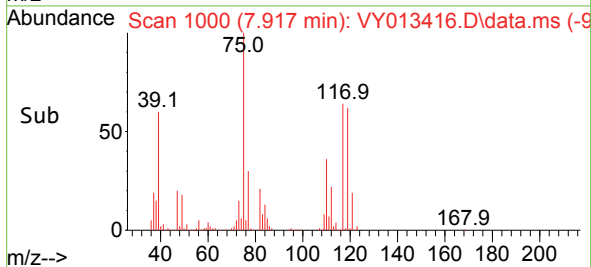
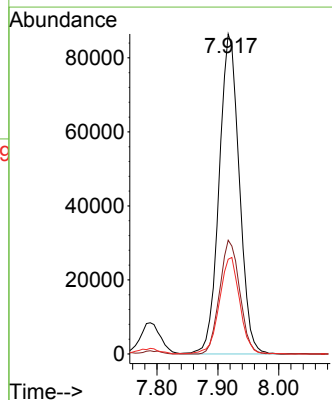
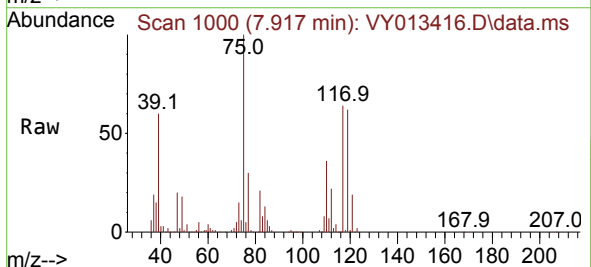
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

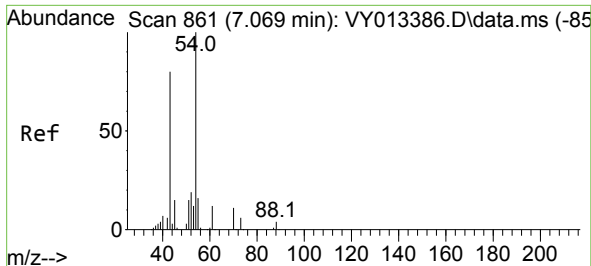
Tgt Ion:113 Resp: 126034
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 20.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 46.988 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 75 Resp: 198825
Ion Ratio Lower Upper
75 100
110 35.4 18.7 56.1
77 30.6 24.6 37.0

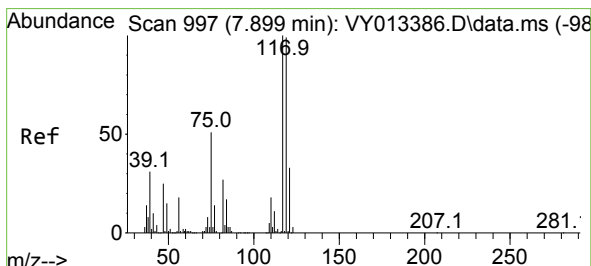
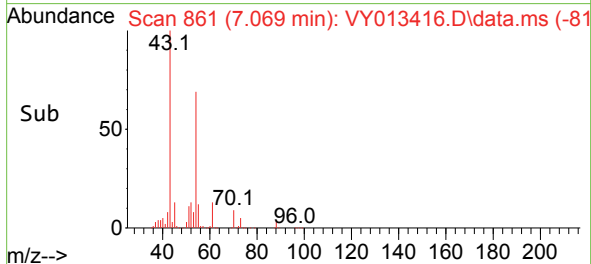
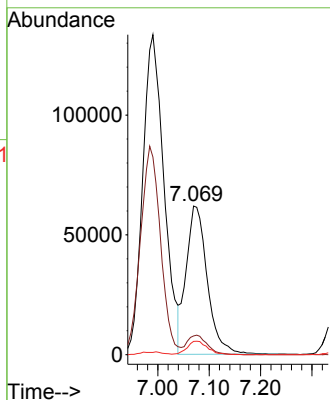
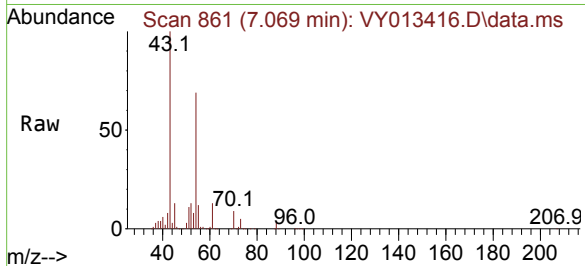




#37
Ethyl Acetate
Concen: 55.514 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

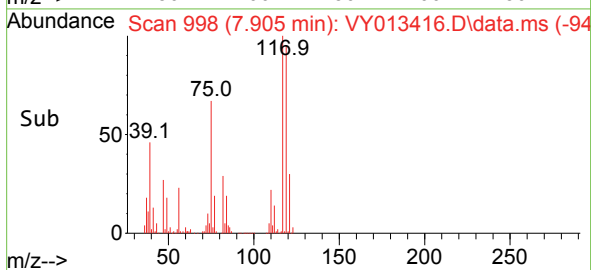
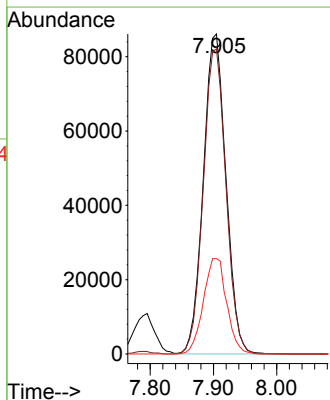
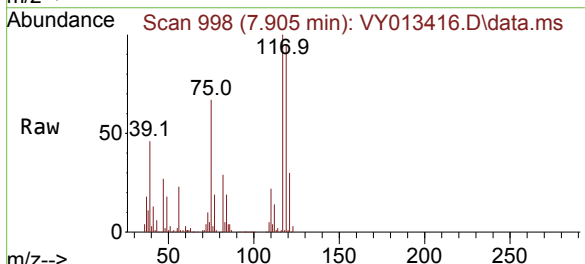
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

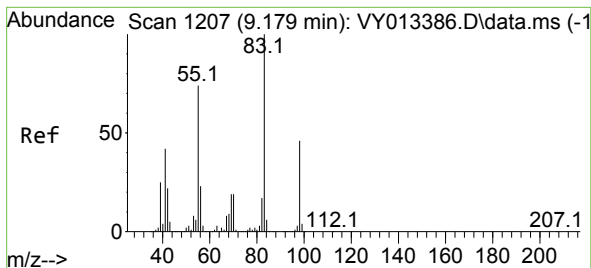
Tgt Ion: 43 Resp: 176771
Ion Ratio Lower Upper
43 100
61 12.6 11.4 17.0
70 8.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 48.421 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 117 Resp: 214747
Ion Ratio Lower Upper
117 100
119 95.2 79.0 118.6
121 29.8 26.6 40.0





#39

Methylcyclohexane

Concen: 47.317 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

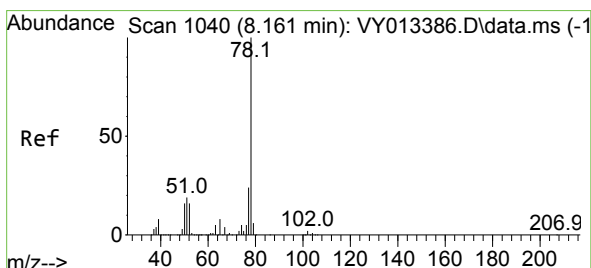
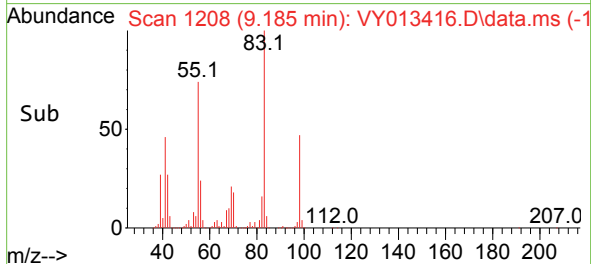
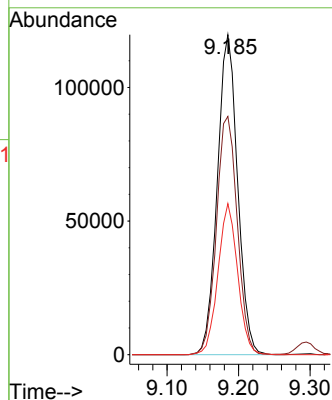
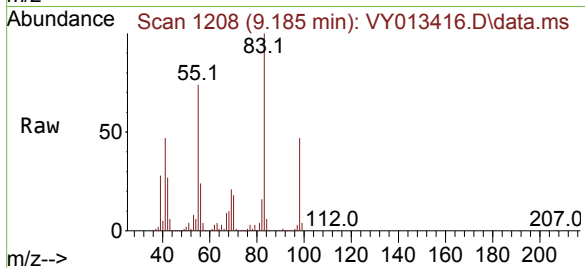
Tgt Ion: 83 Resp: 236035

Ion Ratio Lower Upper

83 100

55 74.5 59.0 88.4

98 47.2 37.0 55.4



#40

Benzene

Concen: 49.162 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013416.D

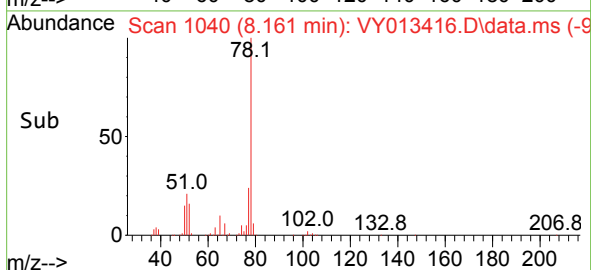
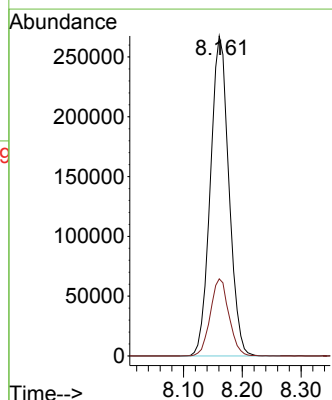
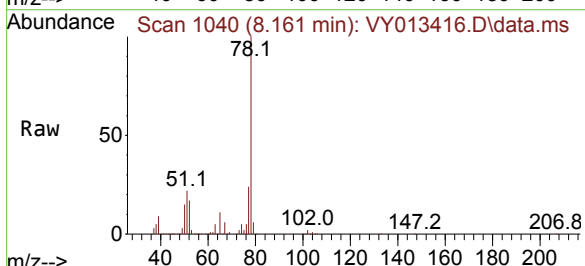
Acq: 24 Apr 2023 23:34

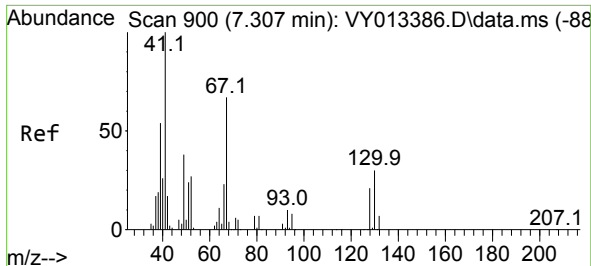
Tgt Ion: 78 Resp: 585983

Ion Ratio Lower Upper

78 100

77 24.1 19.2 28.8

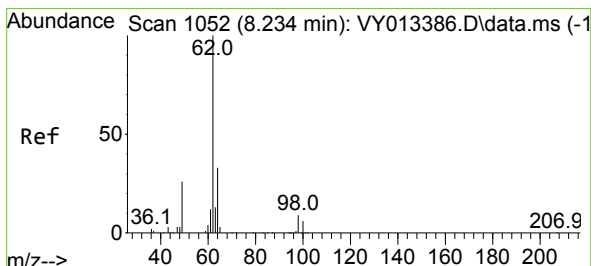
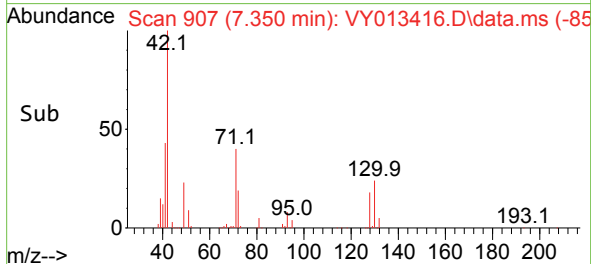
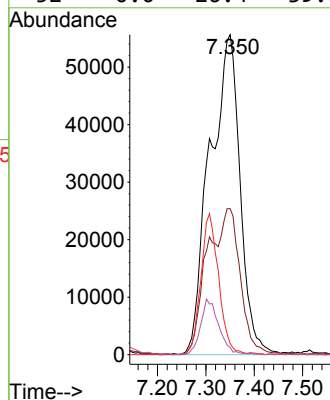
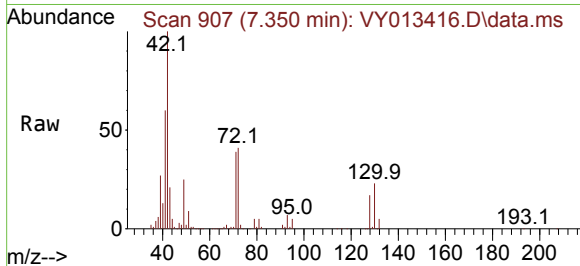




#41
Methacrylonitrile
Concen: 162.455 ug/l
RT: 7.350 min Scan# 900
Delta R.T. 0.043 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

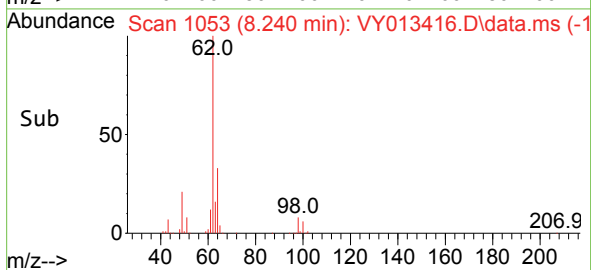
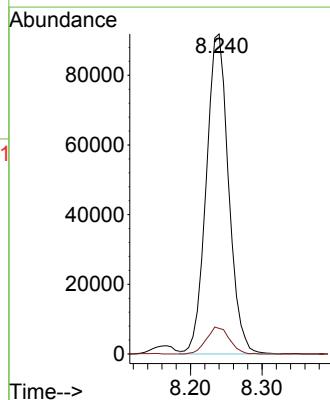
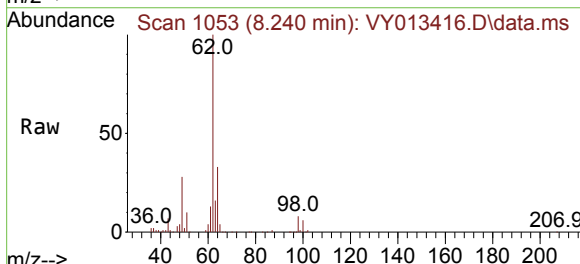
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

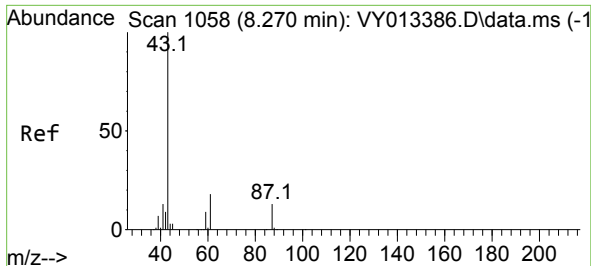
Tgt Ion: 41 Resp: 241059
Ion Ratio Lower Upper
41 100
39 28.4 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 51.283 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 62 Resp: 199840
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.8

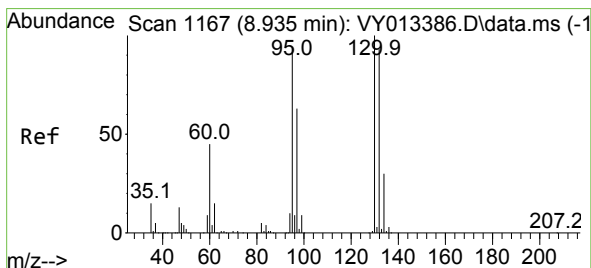
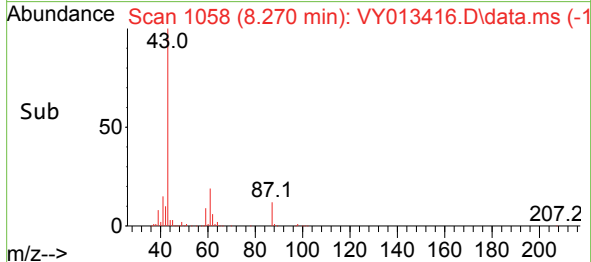
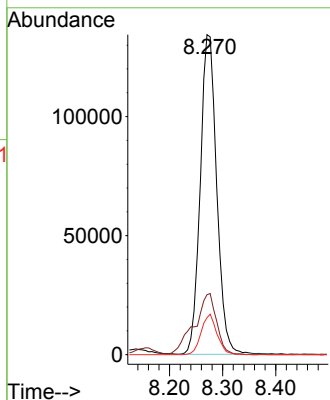
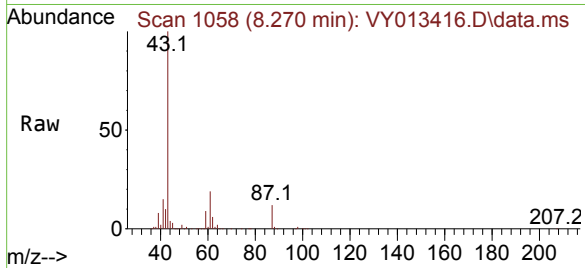




#43
Isopropyl Acetate
Concen: 53.889 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

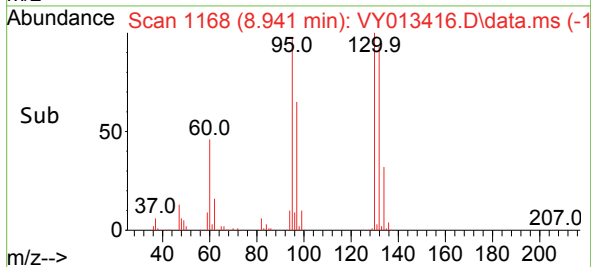
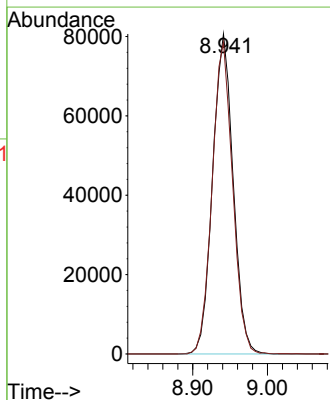
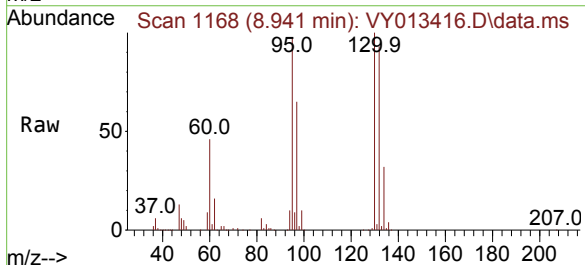
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

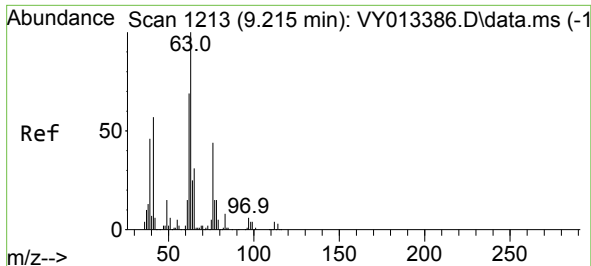
Tgt Ion: 43 Resp: 289640
Ion Ratio Lower Upper
43 100
61 25.9 22.2 33.4
87 12.2 11.0 16.6



#44
Trichloroethene
Concen: 48.523 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion:130 Resp: 153844
Ion Ratio Lower Upper
130 100
95 97.5 0.0 188.8





#45

1,2-Dichloropropane

Concen: 49.148 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

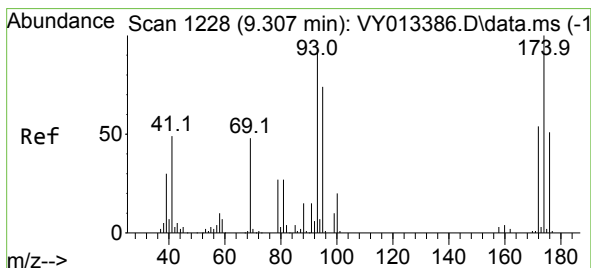
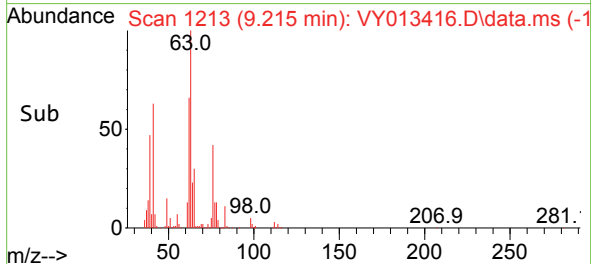
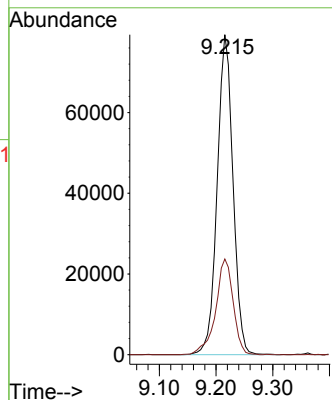
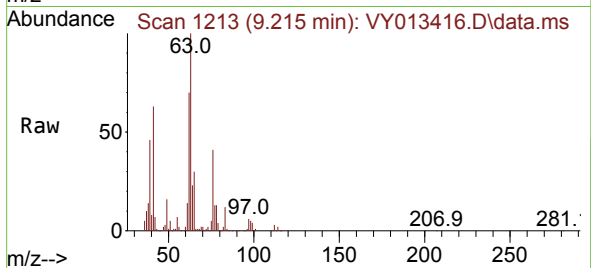
VSTDCCC050

Tgt Ion: 63 Resp: 153170

Ion Ratio Lower Upper

63 100

65 29.9 24.6 37.0



#46

Dibromomethane

Concen: 52.641 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

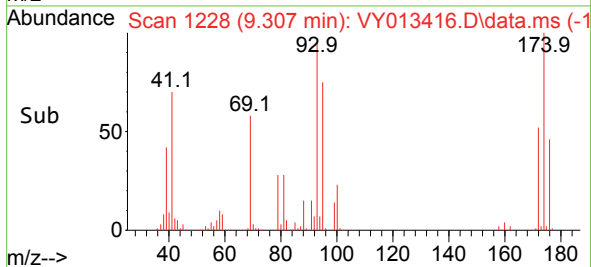
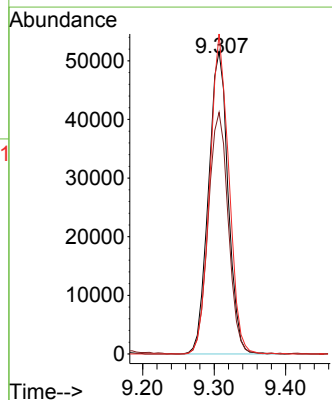
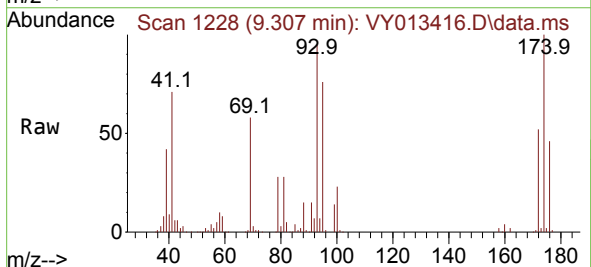
Tgt Ion: 93 Resp: 98160

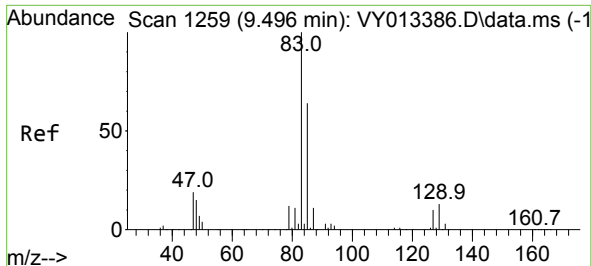
Ion Ratio Lower Upper

93 100

95 81.4 67.1 100.7

174 102.8 87.0 130.4

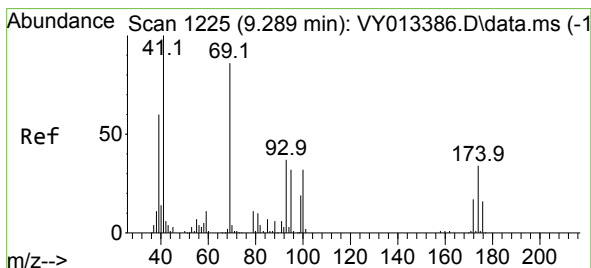
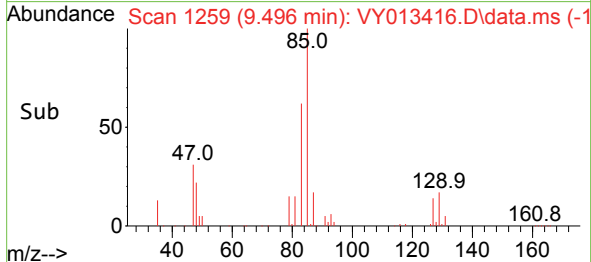
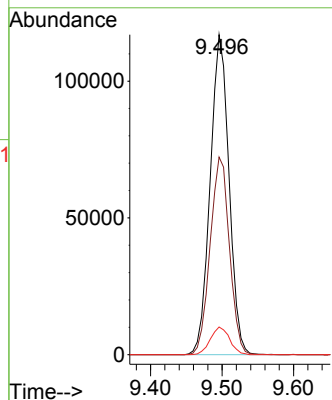
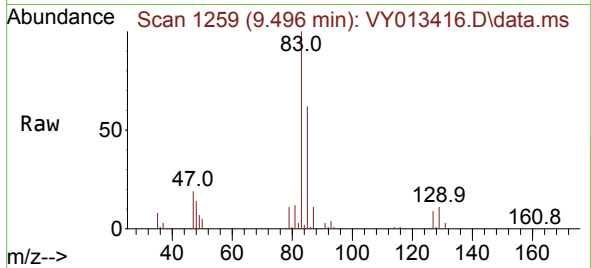




#47
Bromodichloromethane
Concen: 51.154 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

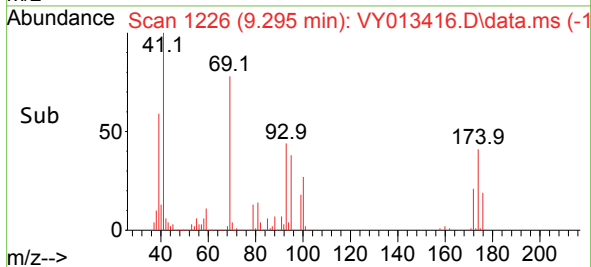
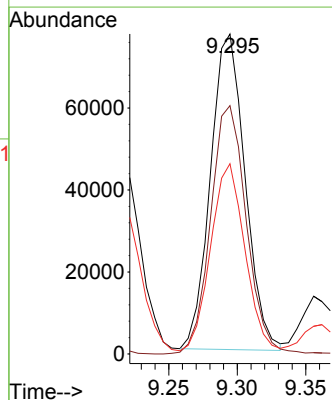
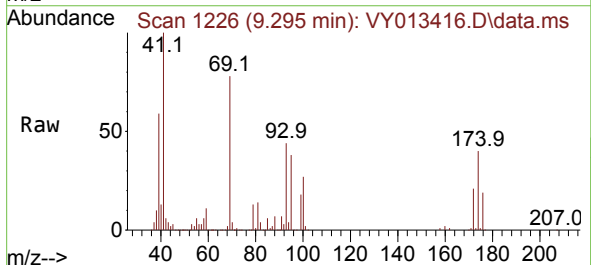
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

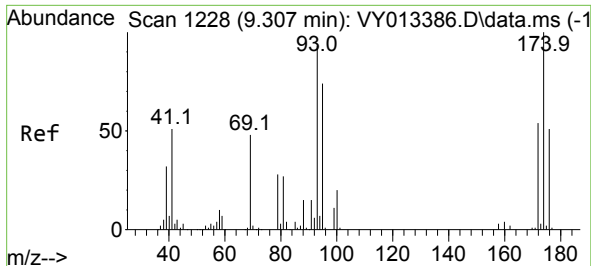
Tgt Ion: 83 Resp: 213441
Ion Ratio Lower Upper
83 100
85 61.7 51.4 77.2
127 8.6 8.1 12.1



#48
Methyl methacrylate
Concen: 54.781 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 41 Resp: 135224
Ion Ratio Lower Upper
41 100
69 81.4 70.2 105.4
39 60.5 47.9 71.9





#49

1,4-Dioxane

Concen: 1207.494 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

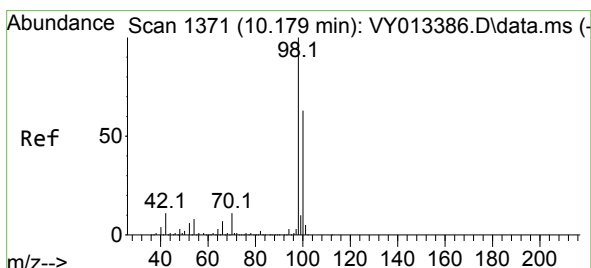
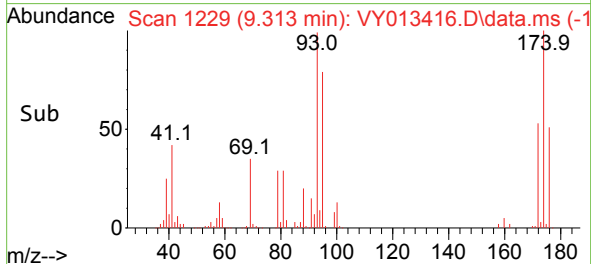
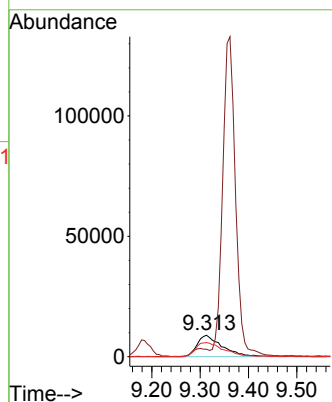
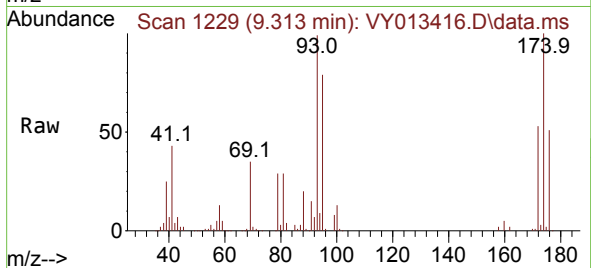
Tgt Ion: 88 Resp: 32158

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 73.1 54.3 81.5



#50

Toluene-d8

Concen: 47.568 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013416.D

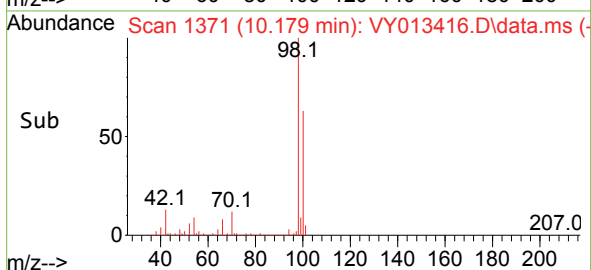
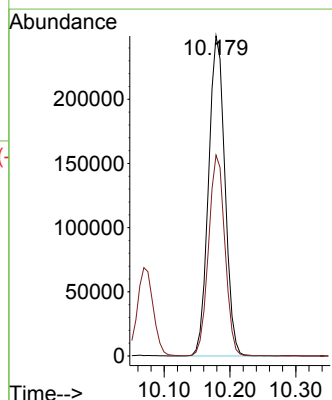
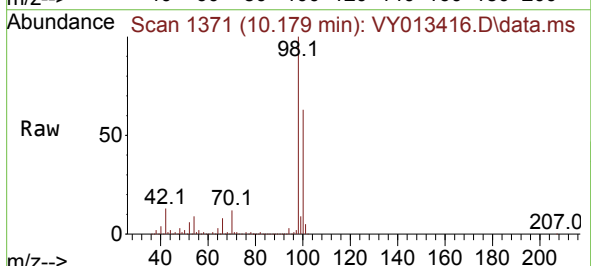
Acq: 24 Apr 2023 23:34

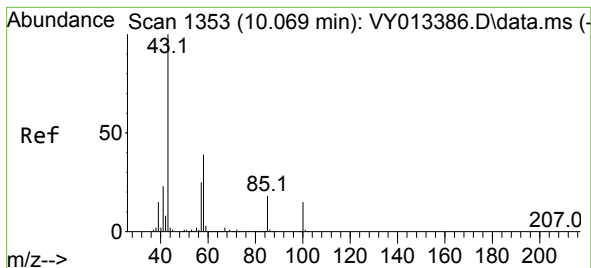
Tgt Ion: 98 Resp: 431437

Ion Ratio Lower Upper

98 100

100 62.7 50.5 75.7

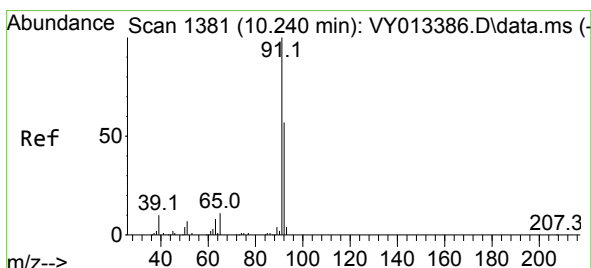
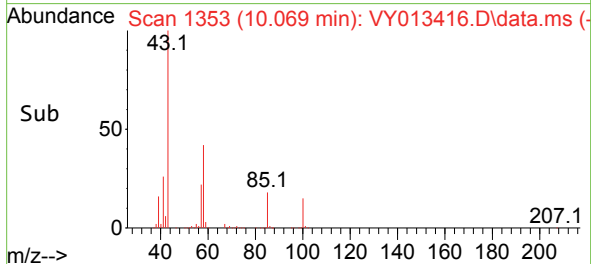
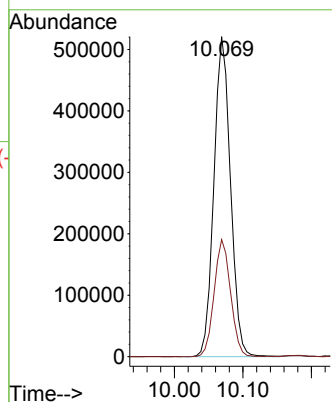
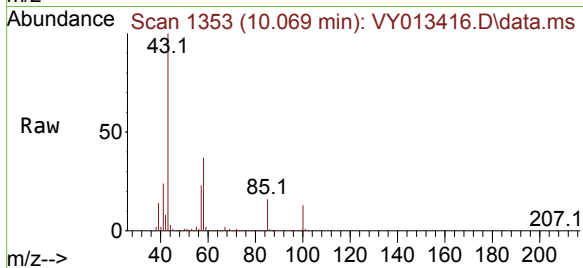




#51
4-Methyl-2-Pentanone
Concen: 292.299 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

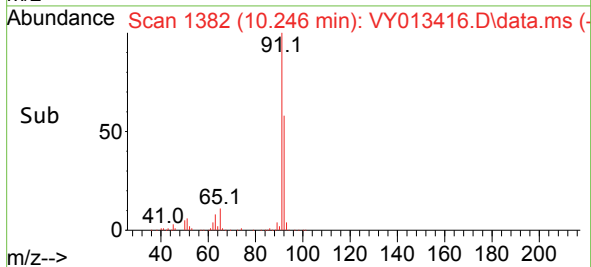
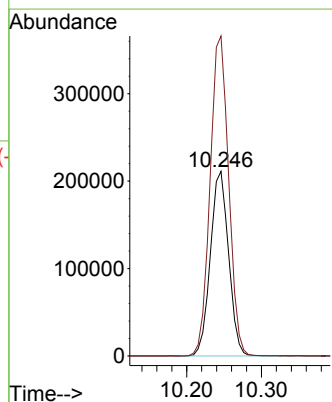
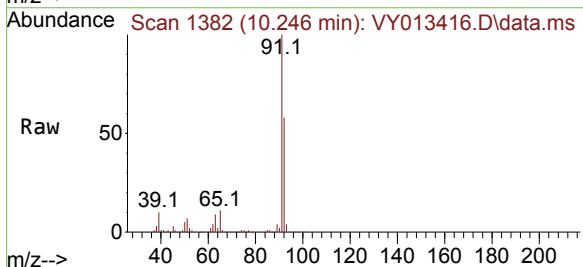
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

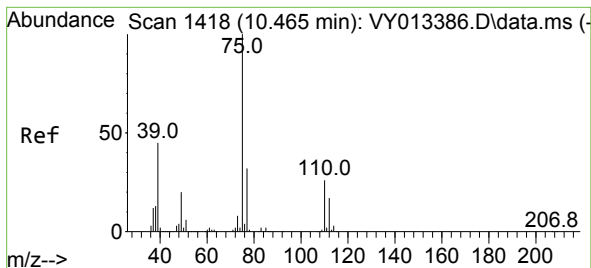
Tgt Ion: 43 Resp: 875448
Ion Ratio Lower Upper
43 100
58 36.3 30.6 46.0



#52
Toluene
Concen: 49.703 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 92 Resp: 356507
Ion Ratio Lower Upper
92 100
91 176.5 140.2 210.4

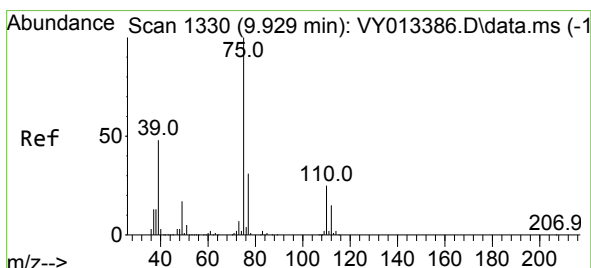
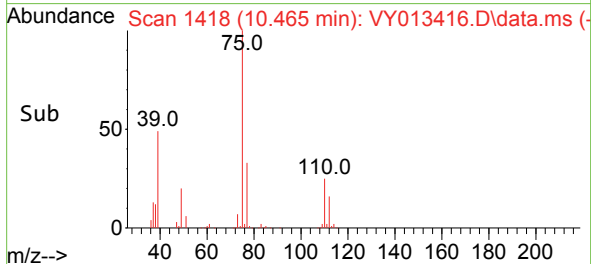
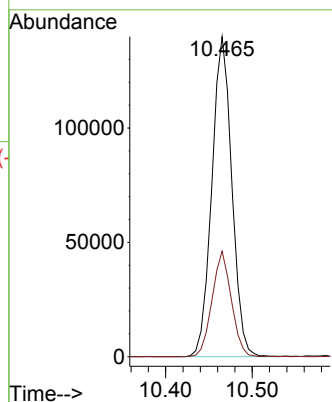
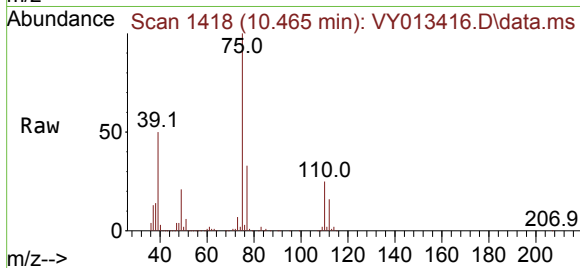




#53
 t-1,3-Dichloropropene
 Concen: 50.790 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013416.D
 Acq: 24 Apr 2023 23:34

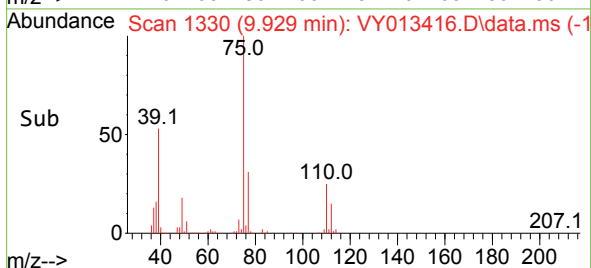
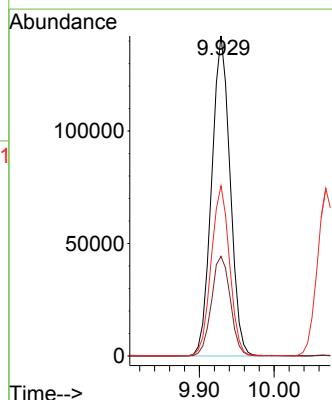
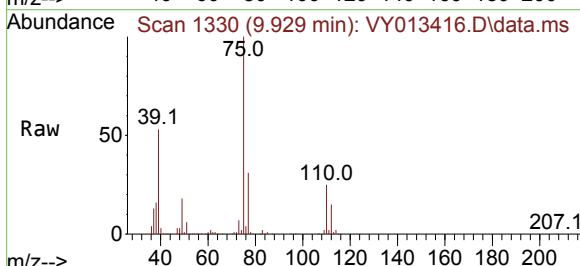
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

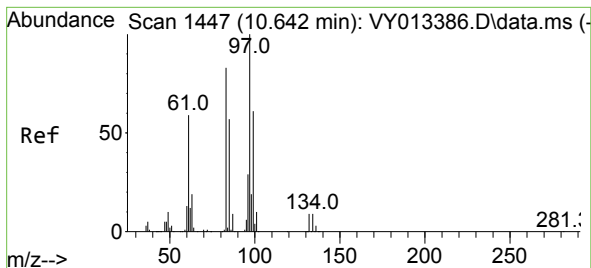
Tgt Ion: 75 Resp: 224289
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 49.070 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013416.D
 Acq: 24 Apr 2023 23:34

Tgt Ion: 75 Resp: 243830
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.8 37.2
 39 53.1 38.1 57.1



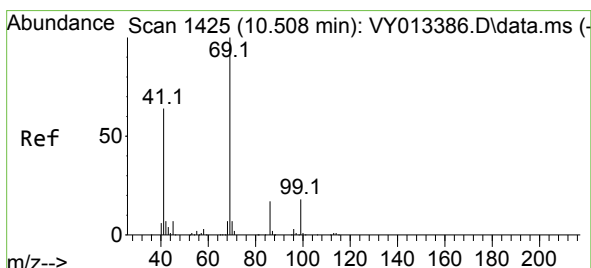
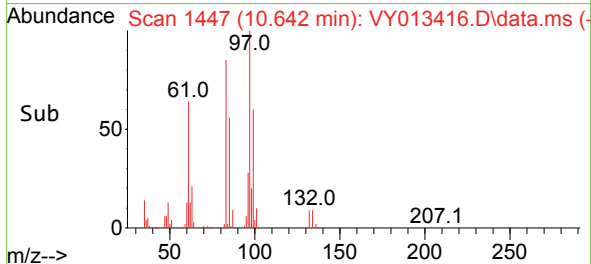
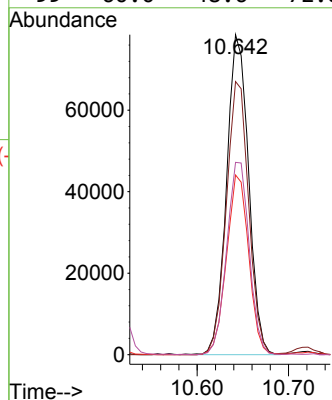
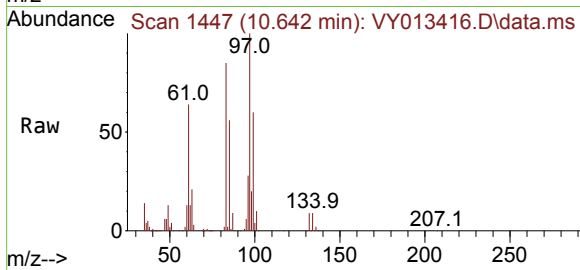


#55
1,1,2-Trichloroethane
Concen: 53.318 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 131664

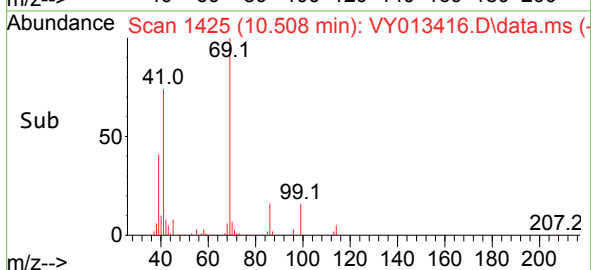
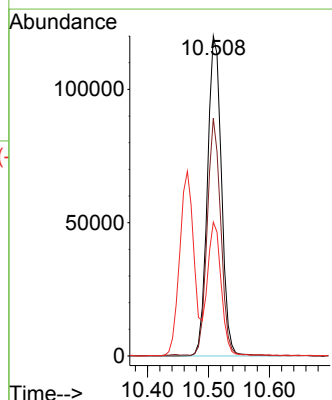
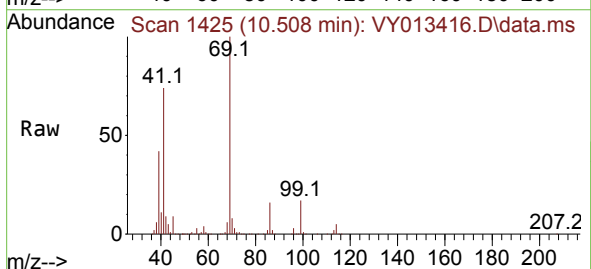
Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.4	99.6
85	56.2	45.6	68.4
99	60.0	48.6	72.8

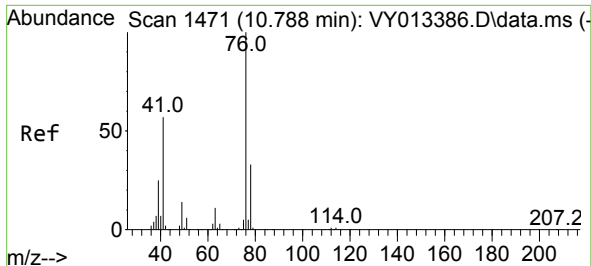


#56
Ethyl methacrylate
Concen: 56.080 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 69 Resp: 192126

Ion	Ratio	Lower	Upper
69	100		
41	71.4	51.4	77.0
39	39.4	29.0	43.6





#57

1,3-Dichloropropane

Concen: 52.639 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

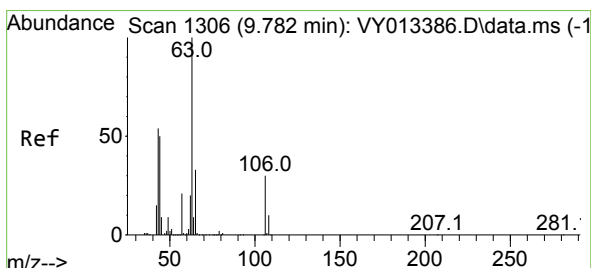
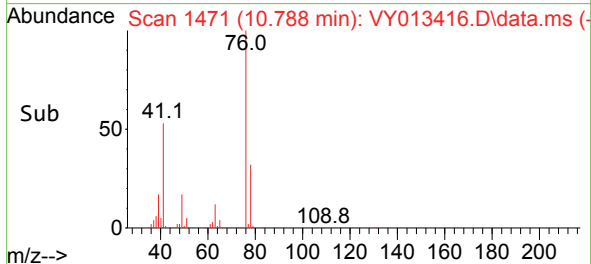
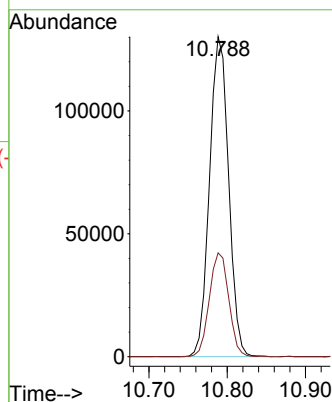
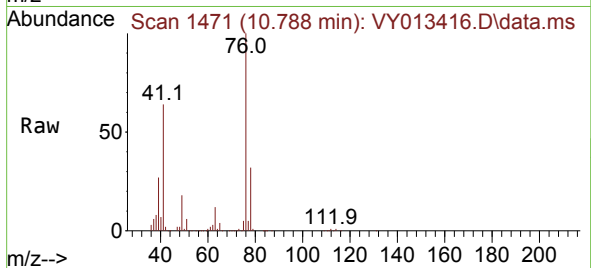
VSTDCCC050

Tgt Ion: 76 Resp: 220147

Ion Ratio Lower Upper

76 100

78 33.0 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 248.261 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013416.D

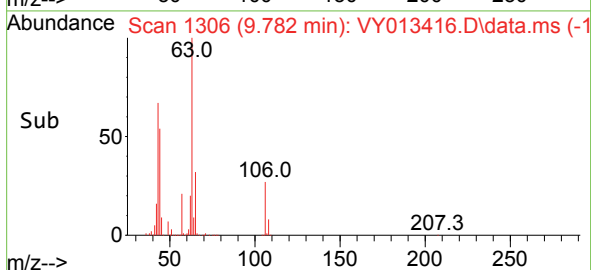
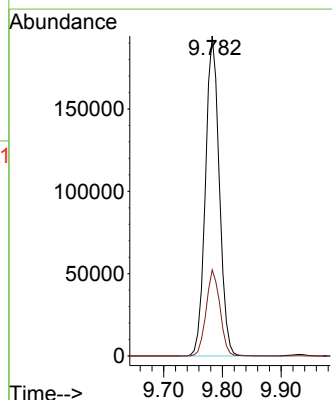
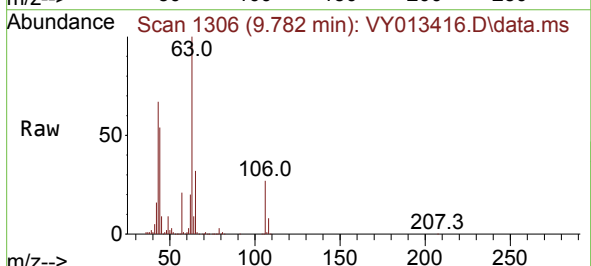
Acq: 24 Apr 2023 23:34

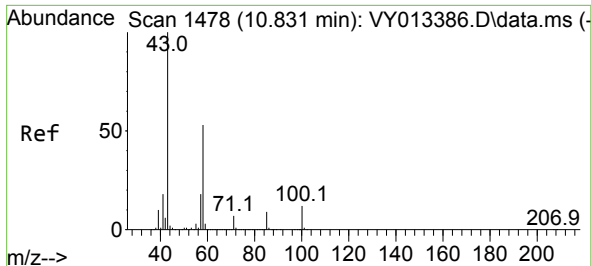
Tgt Ion: 63 Resp: 318936

Ion Ratio Lower Upper

63 100

106 26.8 23.5 35.3

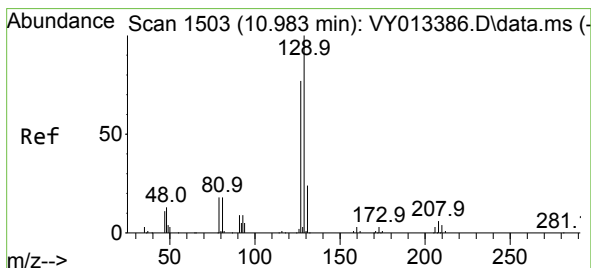
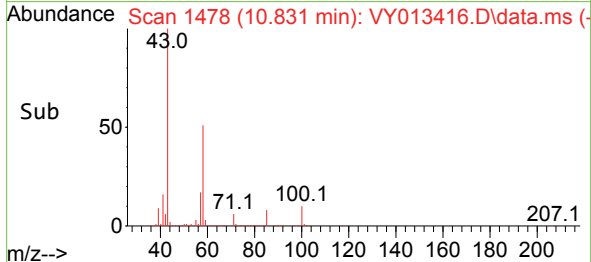
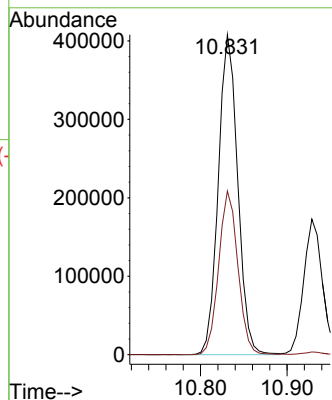
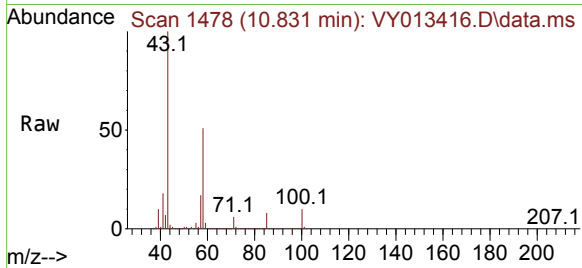




#59
2-Hexanone
Concen: 291.549 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

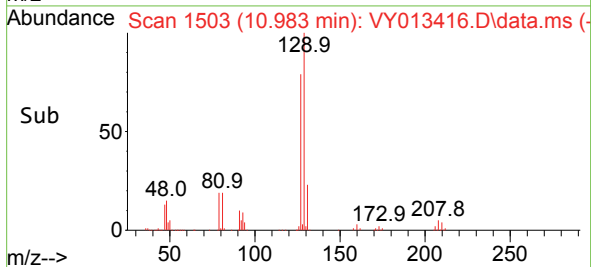
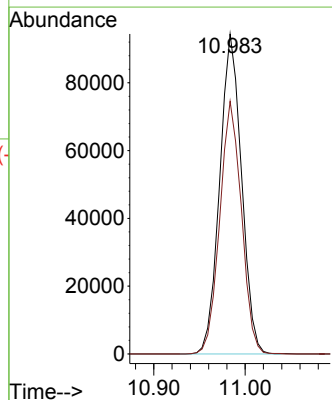
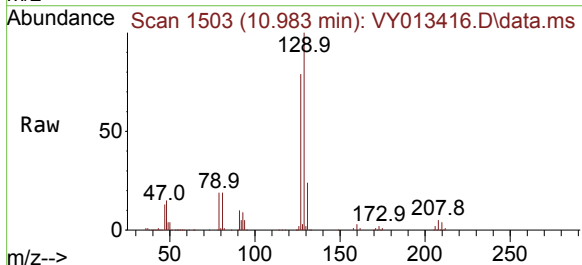
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

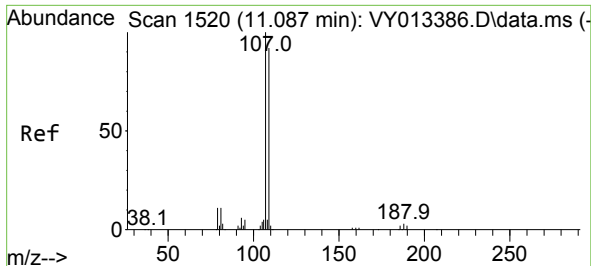
Tgt Ion: 43 Resp: 634746
Ion Ratio Lower Upper
43 100
58 50.9 26.3 78.8



#60
Dibromochloromethane
Concen: 52.264 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 129 Resp: 156710
Ion Ratio Lower Upper
129 100
127 78.2 38.7 116.1

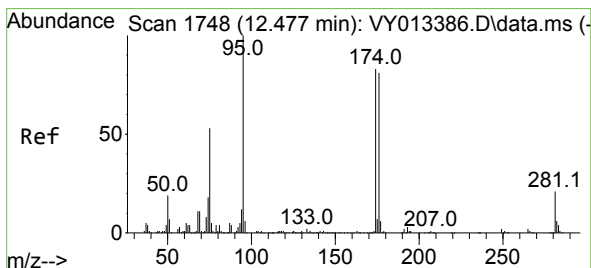
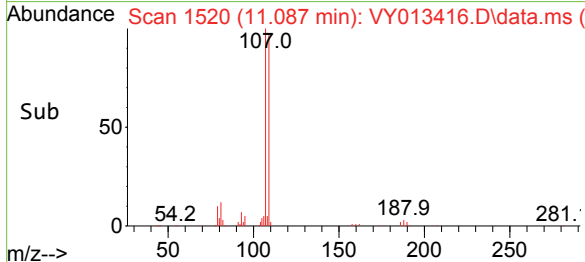
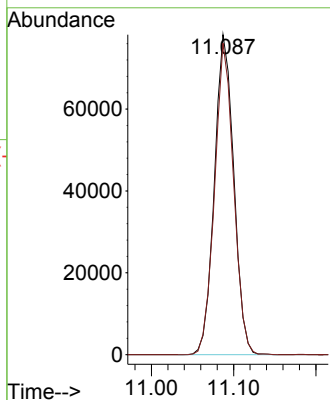
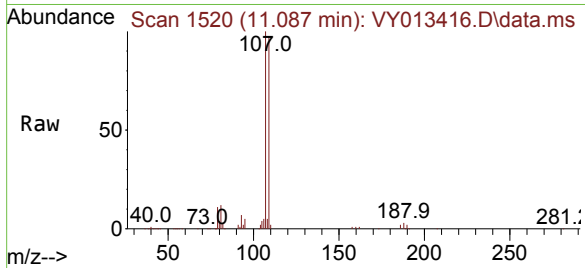




#61
1,2-Dibromoethane
Concen: 52.790 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

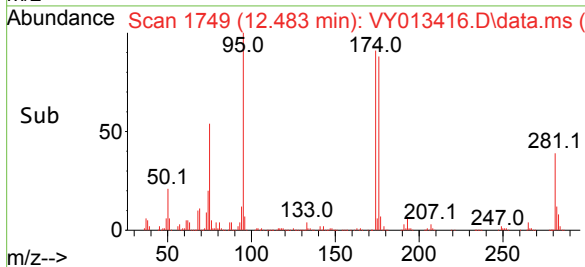
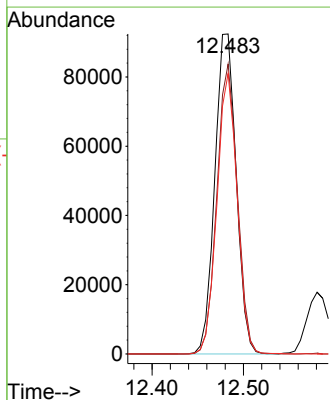
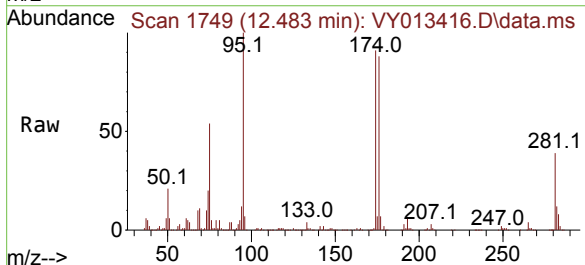
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

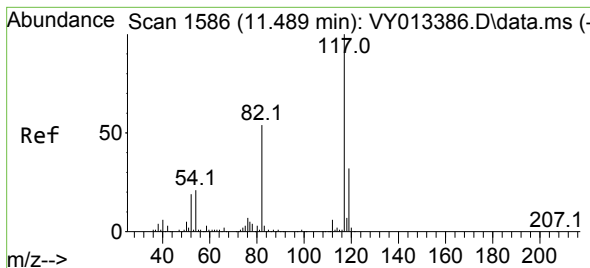
Tgt Ion:107 Resp: 128165
Ion Ratio Lower Upper
107 100
109 95.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.124 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 95 Resp: 150208
Ion Ratio Lower Upper
95 100
174 86.8 0.0 182.0
176 83.0 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

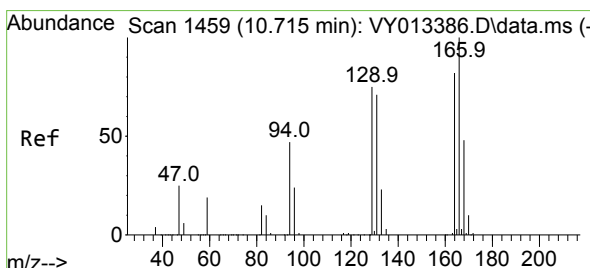
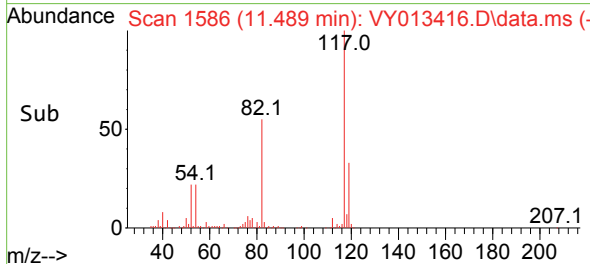
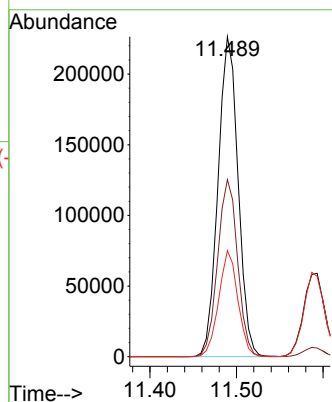
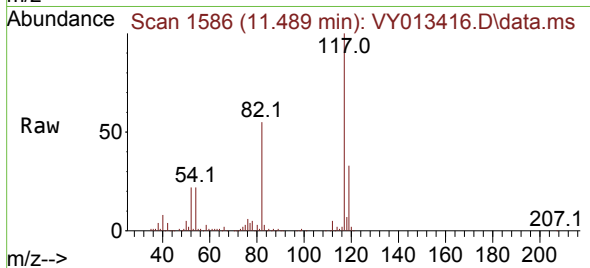
Tgt Ion:117 Resp: 363990

Ion Ratio Lower Upper

117 100

82 55.3 43.0 64.6

119 33.2 25.5 38.3



#64

Tetrachloroethene

Concen: 48.477 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Tgt Ion:164 Resp: 134175

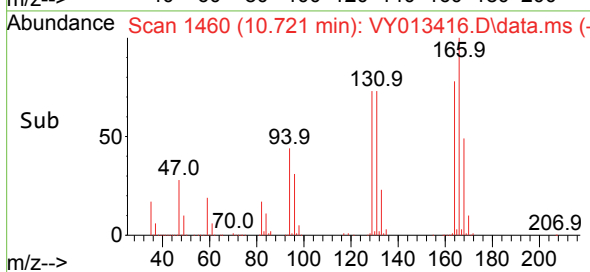
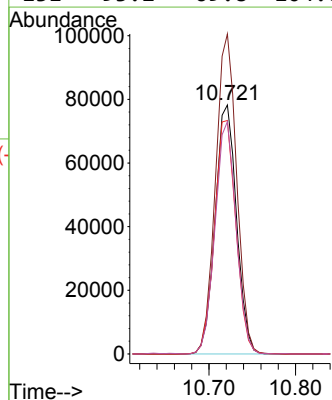
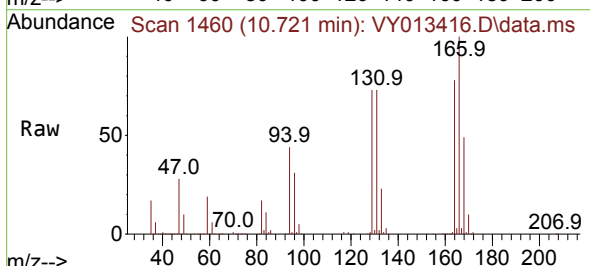
Ion Ratio Lower Upper

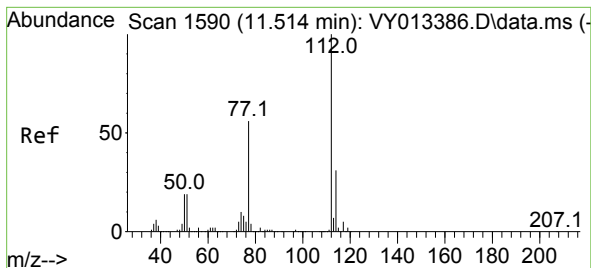
164 100

166 128.5 97.5 146.3

129 93.8 72.6 109.0

131 93.2 69.8 104.6

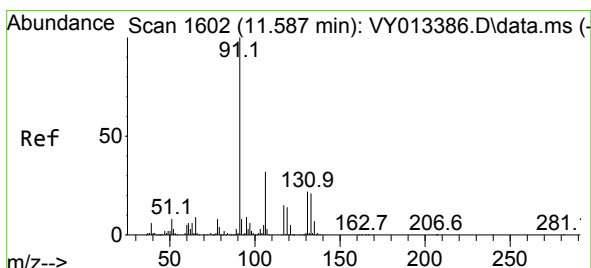
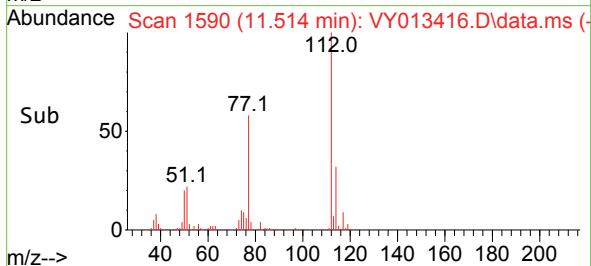
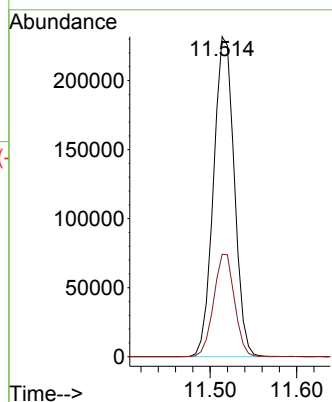
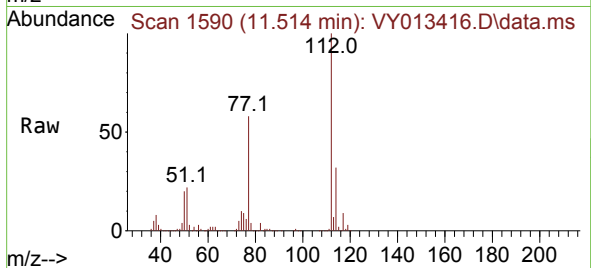




#65
Chlorobenzene
Concen: 48.651 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

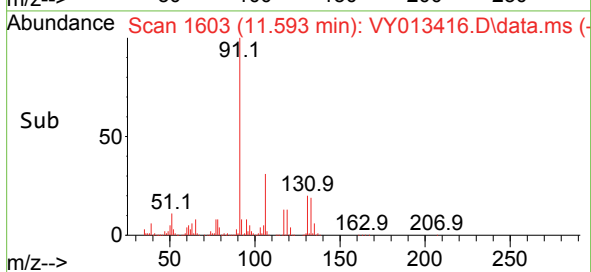
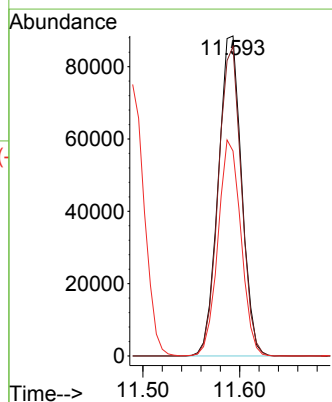
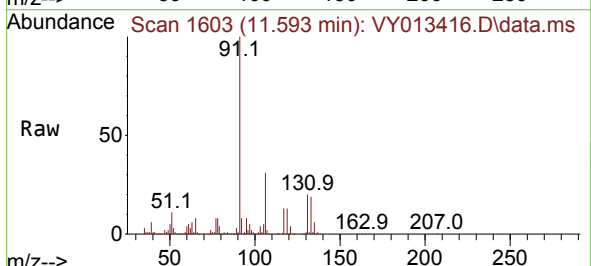
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

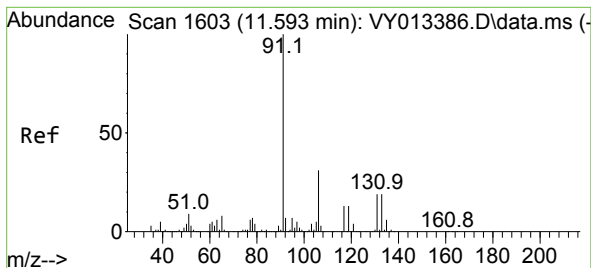
Tgt Ion:112 Resp: 385760
Ion Ratio Lower Upper
112 100
114 32.0 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.930 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion:131 Resp: 148066
Ion Ratio Lower Upper
131 100
133 95.6 47.7 143.1
119 66.3 32.6 98.0





#67

Ethyl Benzene

Concen: 48.466 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

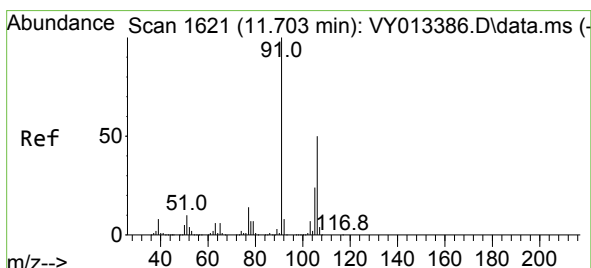
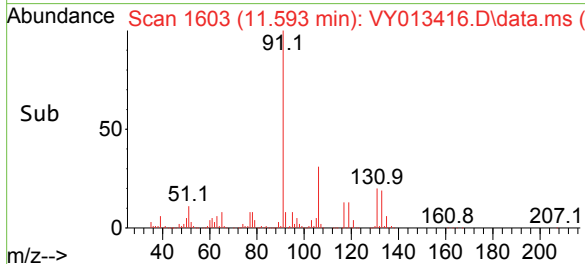
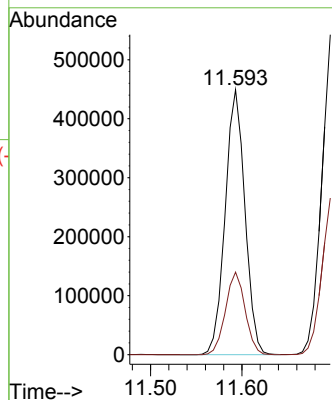
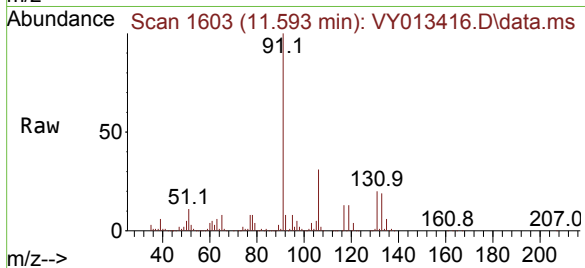
VSTDCCC050

Tgt Ion: 91 Resp: 674812

Ion Ratio Lower Upper

91 100

106 31.2 25.1 37.7



#68

m/p-Xylenes

Concen: 97.986 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013416.D

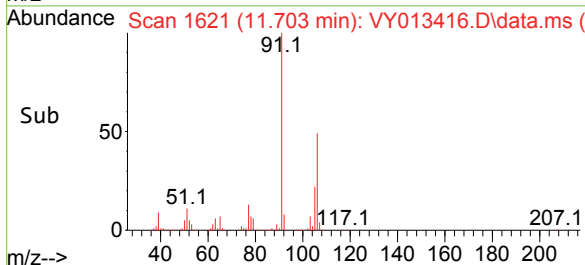
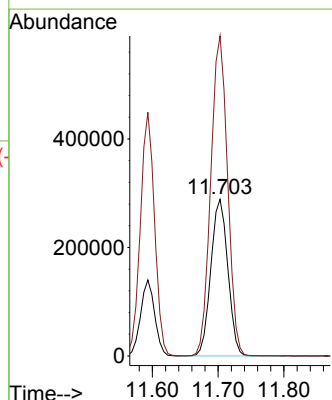
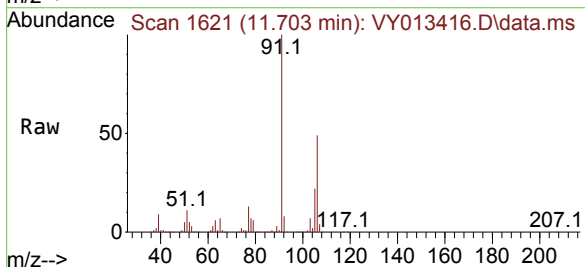
Acq: 24 Apr 2023 23:34

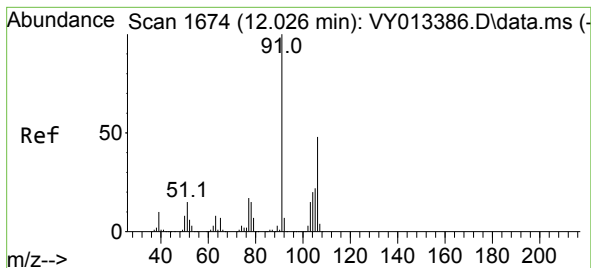
Tgt Ion: 106 Resp: 518644

Ion Ratio Lower Upper

106 100

91 202.0 160.9 241.3





#69

o-Xylene

Concen: 49.262 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

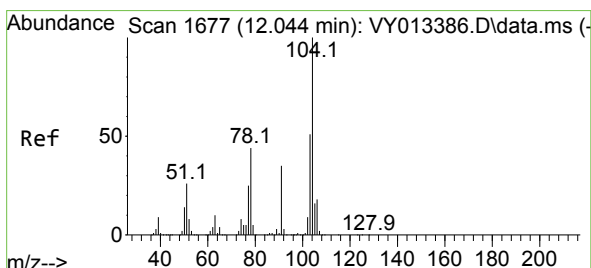
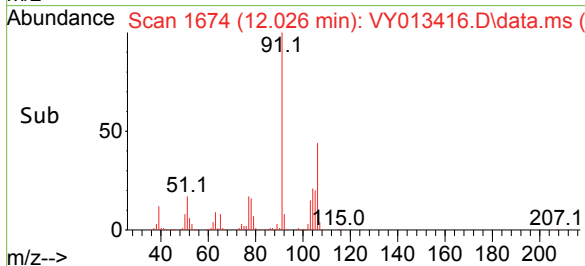
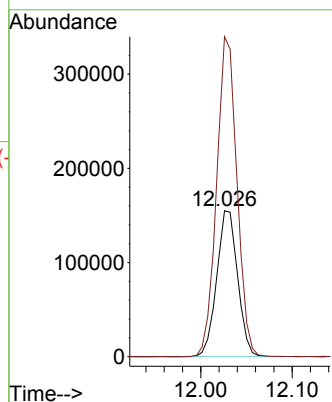
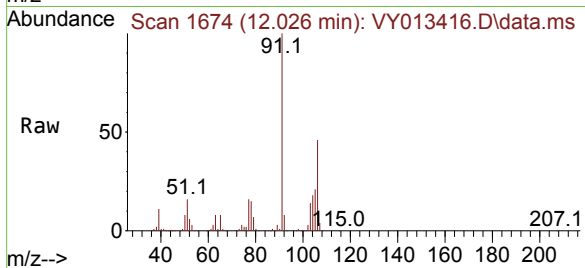
VSTDCCC050

Tgt Ion:106 Resp: 246602

Ion Ratio Lower Upper

106 100

91 213.7 105.5 316.4



#70

Styrene

Concen: 50.316 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

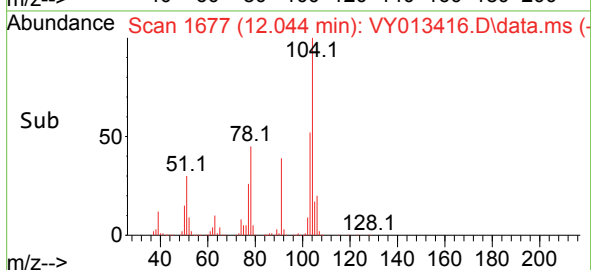
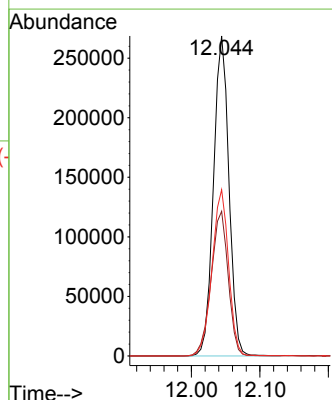
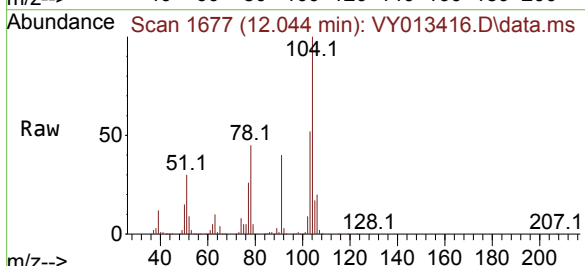
Tgt Ion:104 Resp: 421147

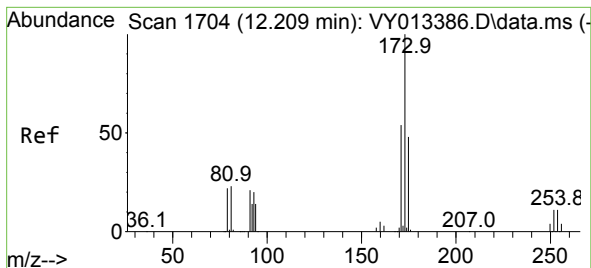
Ion Ratio Lower Upper

104 100

78 50.1 40.3 60.5

103 55.7 45.0 67.4





#71

Bromoform

Concen: 52.052 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

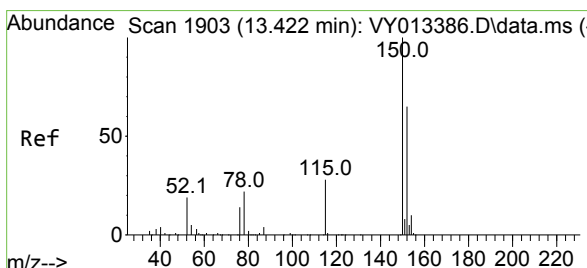
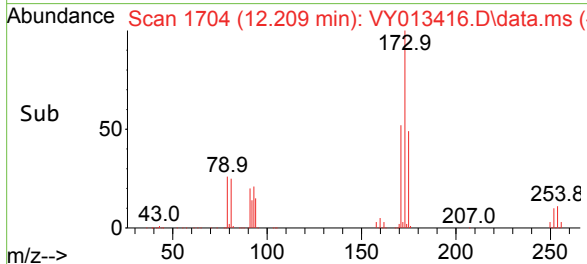
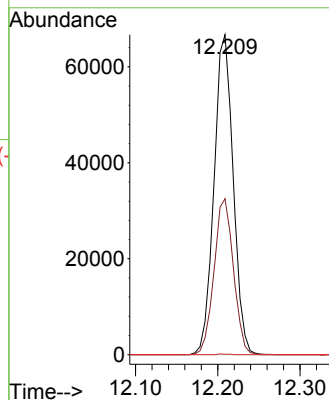
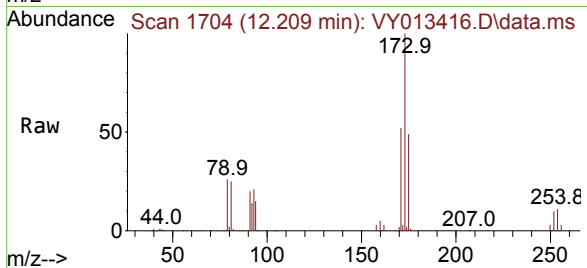
Tgt Ion:173 Resp: 108119

Ion Ratio Lower Upper

173 100

175 49.3 24.3 72.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

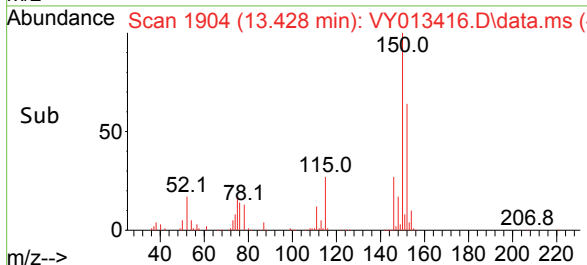
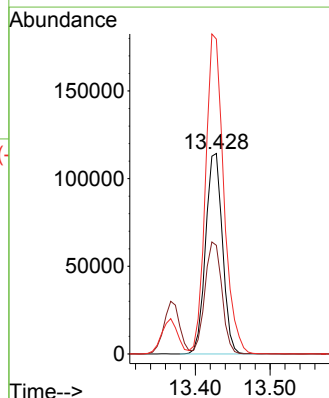
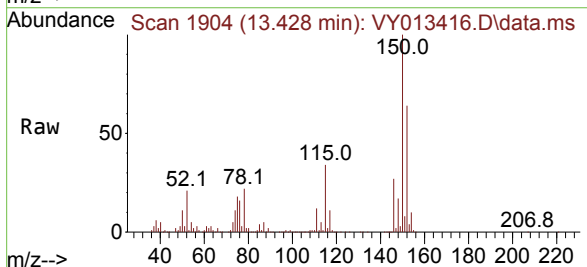
Tgt Ion:152 Resp: 178931

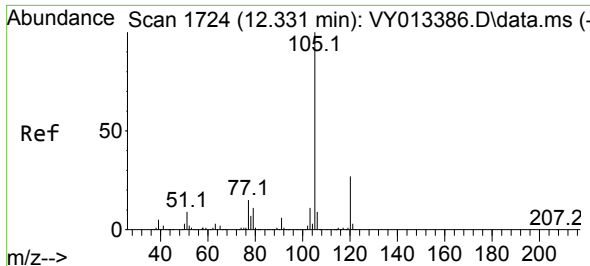
Ion Ratio Lower Upper

152 100

115 56.5 28.1 84.2

150 172.6 0.0 352.0

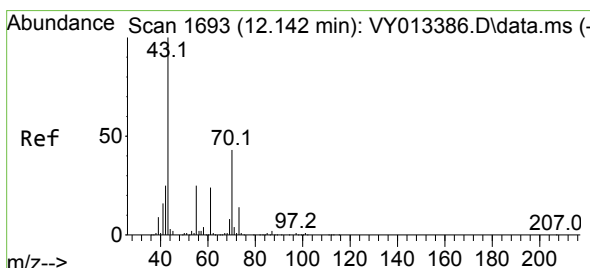
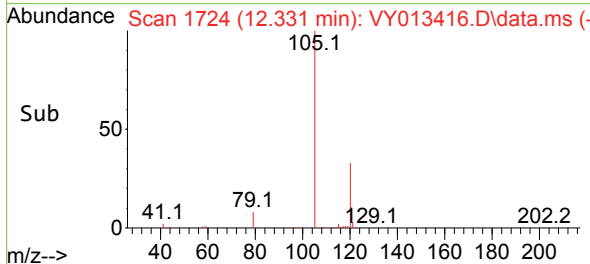
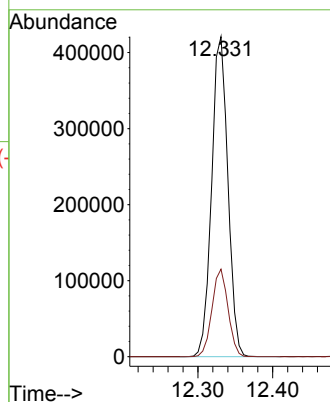
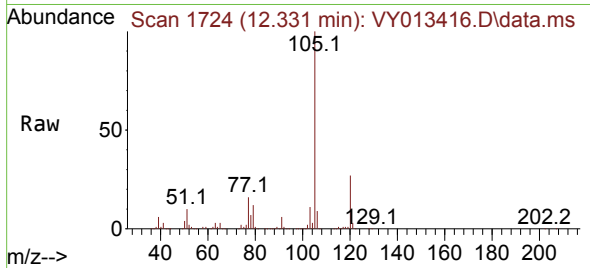




#73
Isopropylbenzene
Concen: 47.071 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

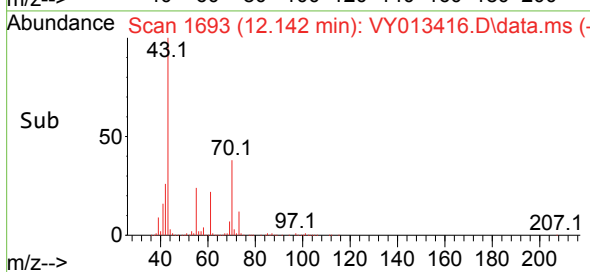
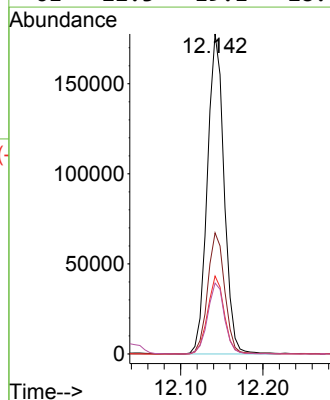
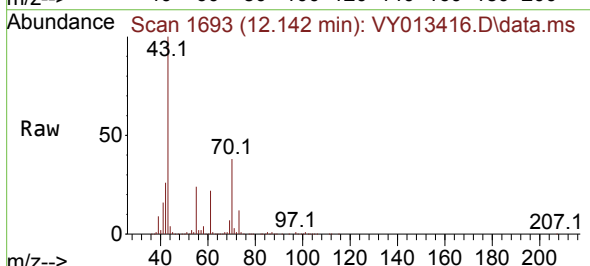
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

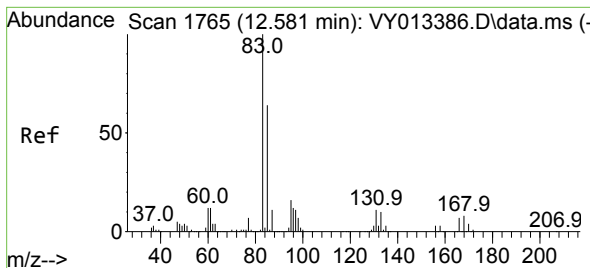
Tgt Ion:105 Resp: 637045
Ion Ratio Lower Upper
105 100
120 27.0 13.7 41.0



#74
N-ethyl acetate
Concen: 52.263 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 43 Resp: 251703
Ion Ratio Lower Upper
43 100
70 38.4 33.0 49.4
55 24.1 19.8 29.6
61 22.3 19.1 28.7

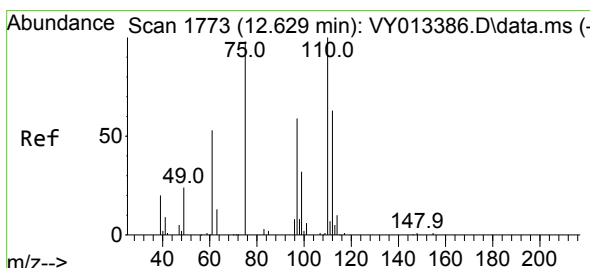
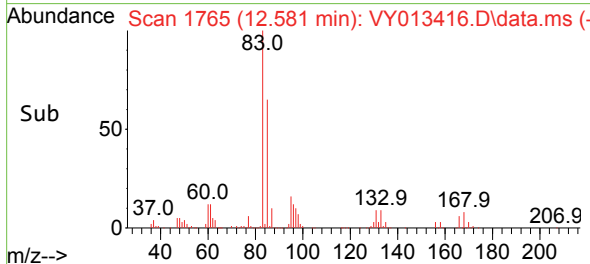
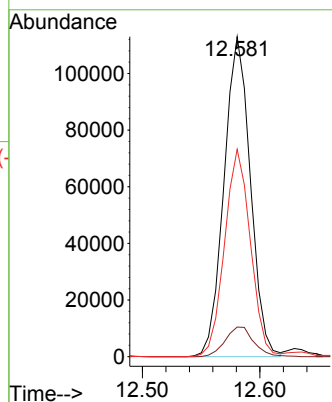
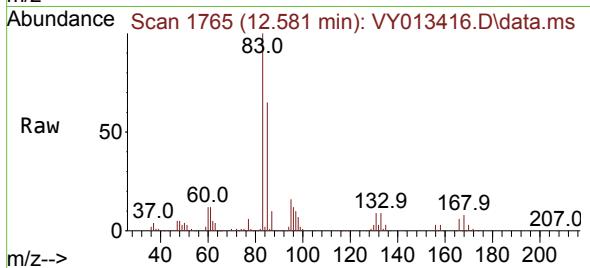




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.173 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013416.D
 Acq: 24 Apr 2023 23:34

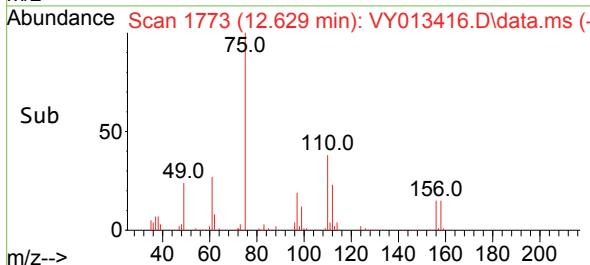
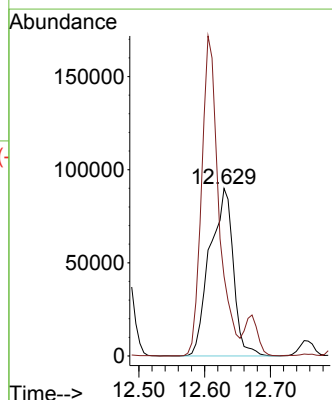
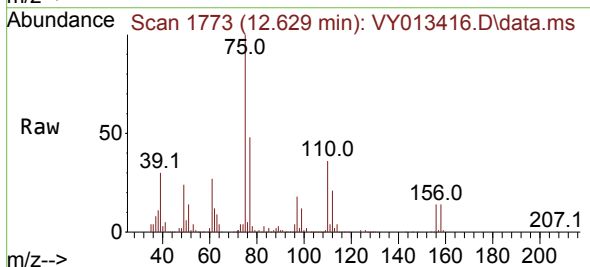
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

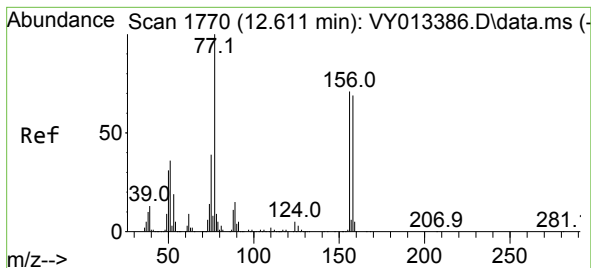
Tgt Ion: 83 Resp: 175895
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.7 17.0
 85 63.5 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 92.864 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY013416.D
 Acq: 24 Apr 2023 23:34

Tgt Ion: 75 Resp: 224090
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.908 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

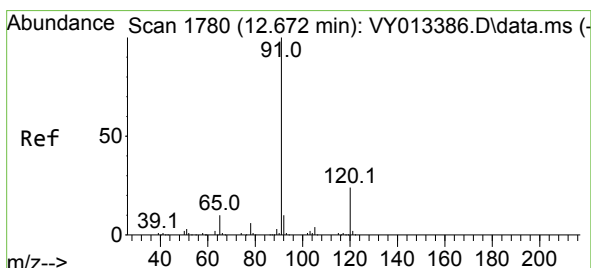
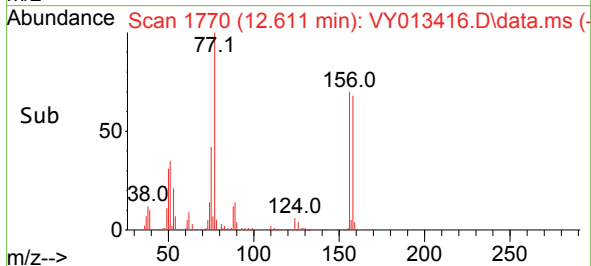
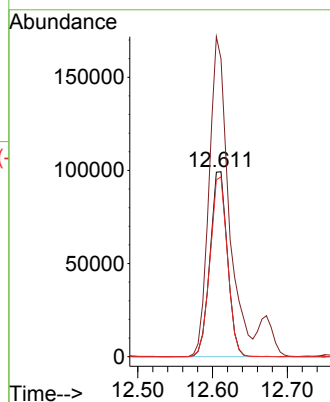
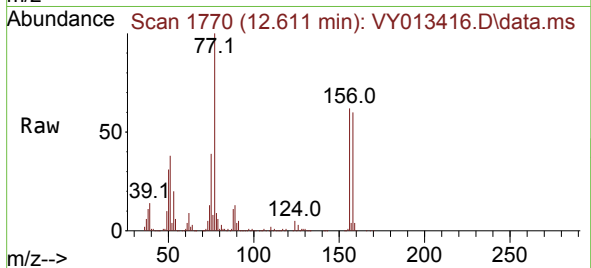
Tgt Ion:156 Resp: 160383

Ion Ratio Lower Upper

156 100

77 195.4 87.6 262.9

158 97.4 48.5 145.5



#78

n-propylbenzene

Concen: 47.043 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013416.D

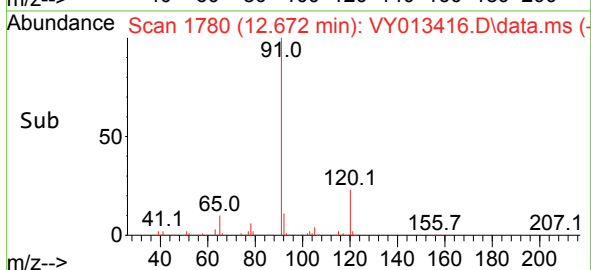
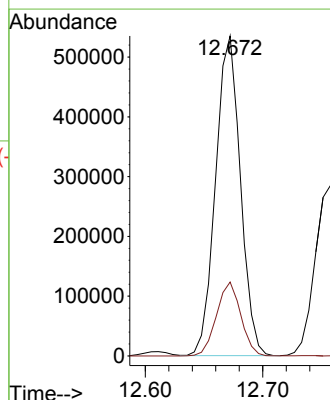
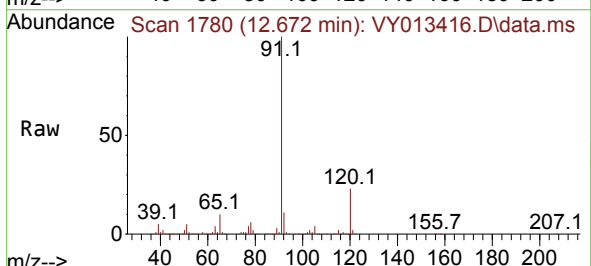
Acq: 24 Apr 2023 23:34

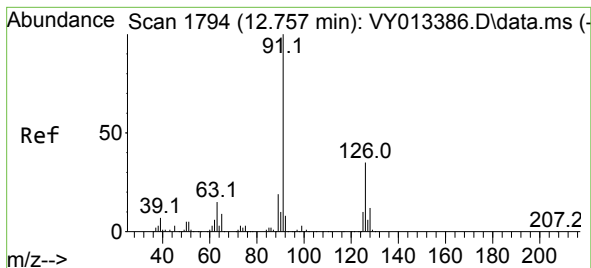
Tgt Ion: 91 Resp: 784191

Ion Ratio Lower Upper

91 100

120 22.7 11.9 35.9

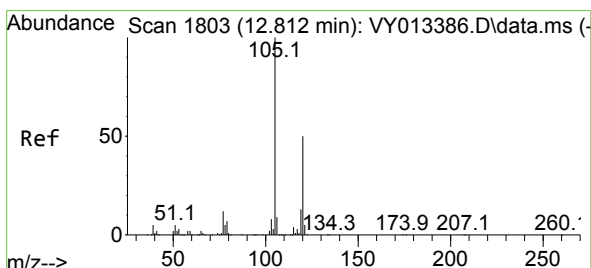
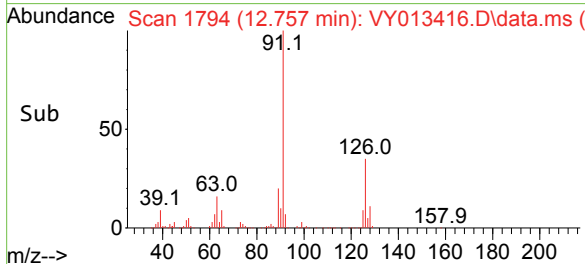
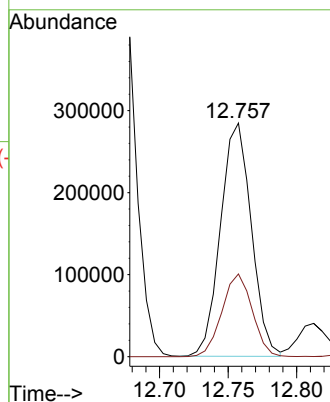
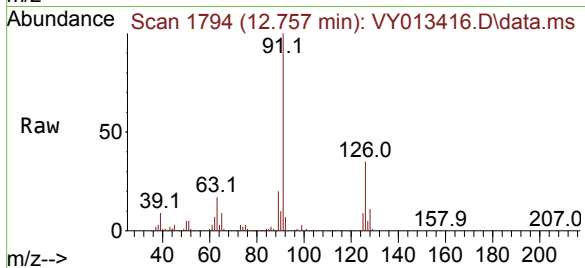




#79
2-Chlorotoluene
Concen: 47.800 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

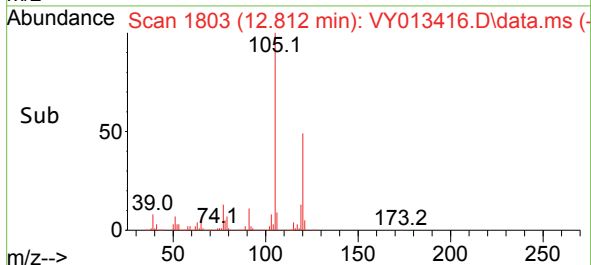
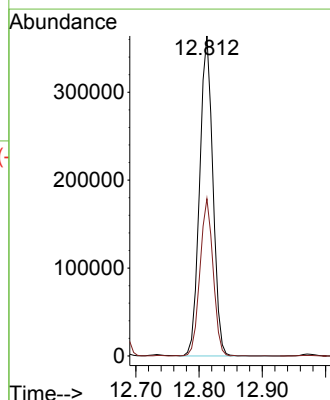
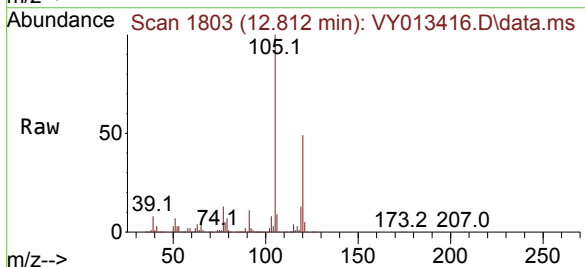
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

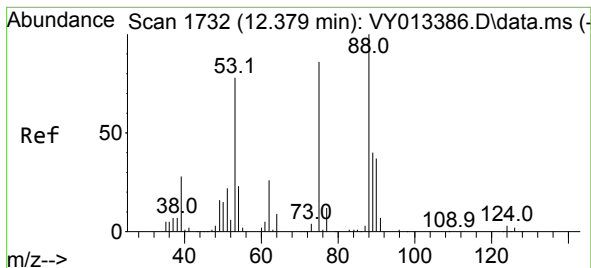
Tgt Ion: 91 Resp: 444970
Ion Ratio Lower Upper
91 100
126 34.8 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 48.093 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 105 Resp: 531241
Ion Ratio Lower Upper
105 100
120 48.7 24.7 74.1

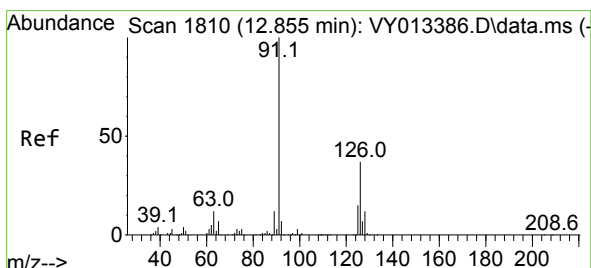
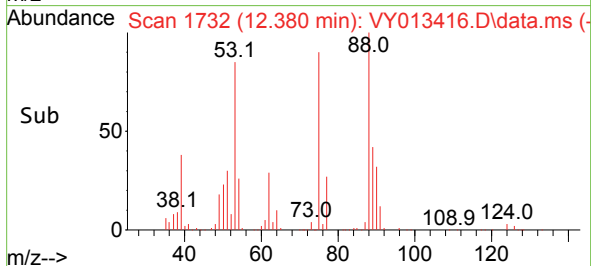
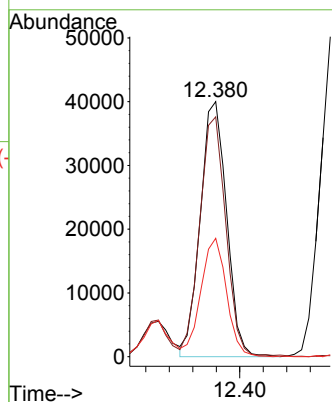
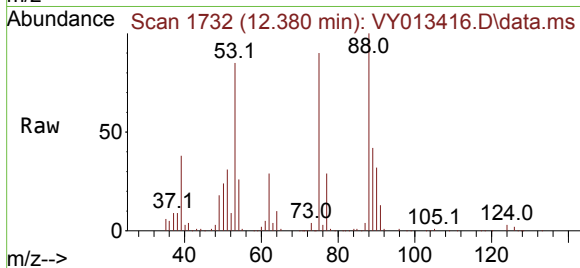




#81
trans-1,4-Dichloro-2-butene
Concen: 52.829 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

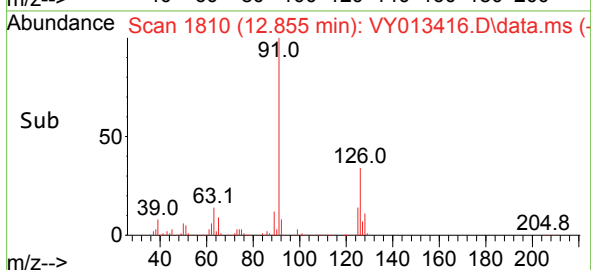
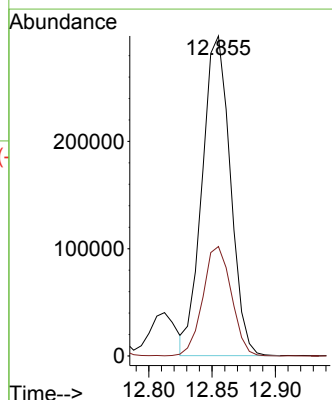
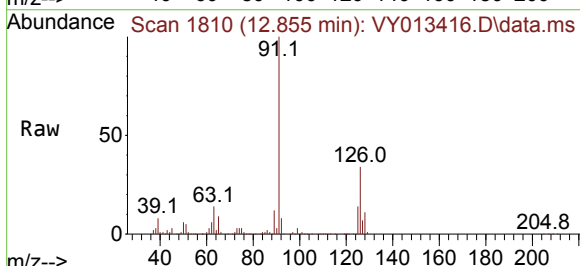
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

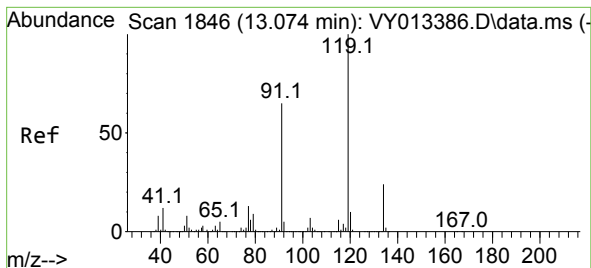
Tgt Ion: 75 Resp: 62321
Ion Ratio Lower Upper
75 100
53 93.7 73.2 109.8
89 45.3 38.0 57.0



#82
4-Chlorotoluene
Concen: 47.621 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 91 Resp: 462042
Ion Ratio Lower Upper
91 100
126 34.7 17.9 53.8





#83

tert-Butylbenzene

Concen: 47.724 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

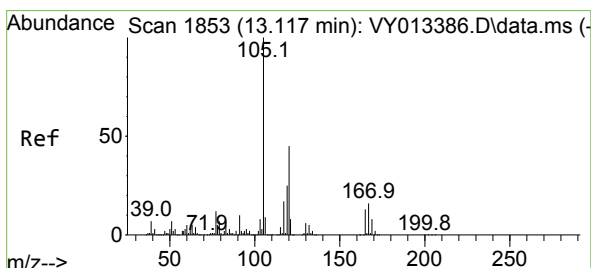
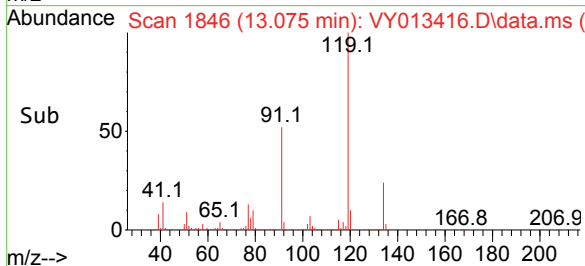
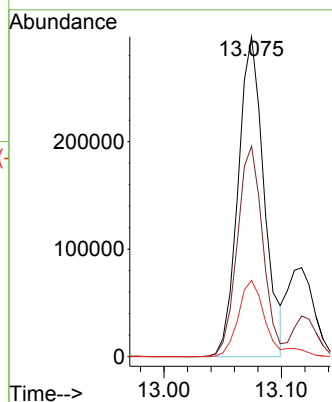
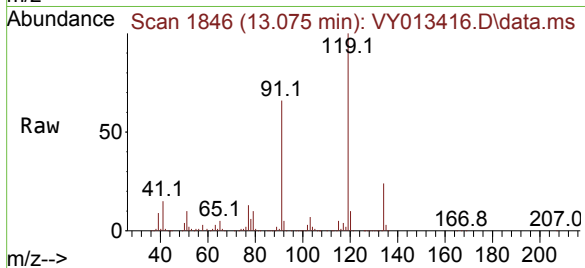
Tgt Ion:119 Resp: 456722

Ion Ratio Lower Upper

119 100

91 64.7 32.2 96.6

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.930 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013416.D

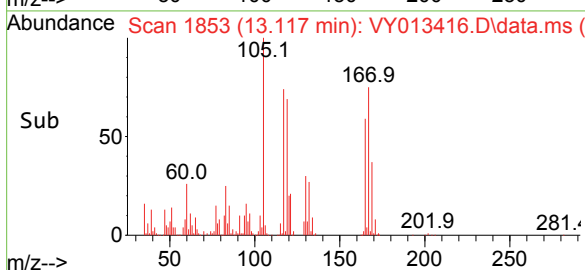
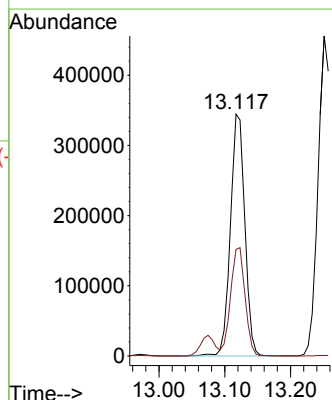
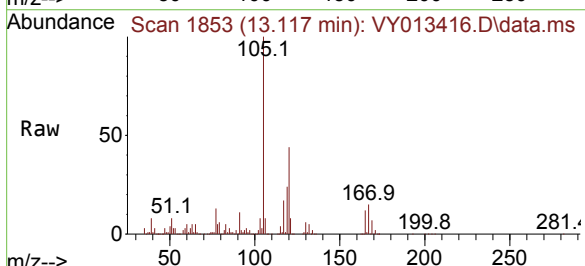
Acq: 24 Apr 2023 23:34

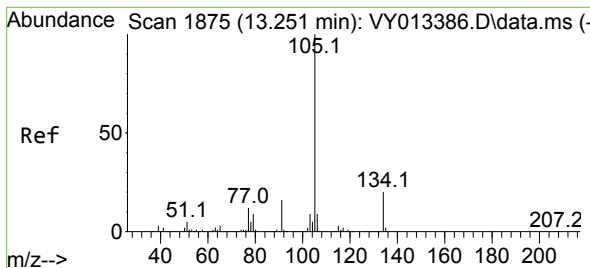
Tgt Ion:105 Resp: 525484

Ion Ratio Lower Upper

105 100

120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 46.965 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

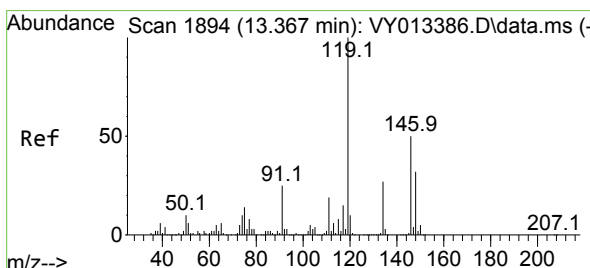
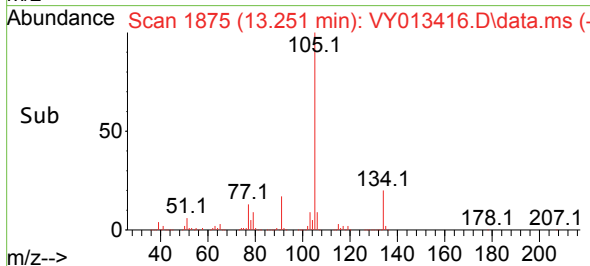
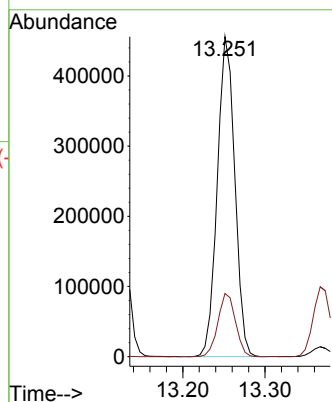
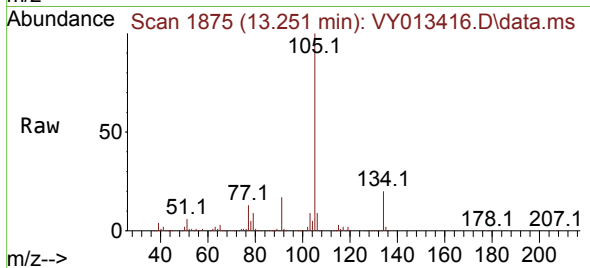
VSTDCCC050

Tgt Ion:105 Resp: 674545

Ion Ratio Lower Upper

105 100

134 19.8 10.3 30.9



#86

p-Isopropyltoluene

Concen: 47.089 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

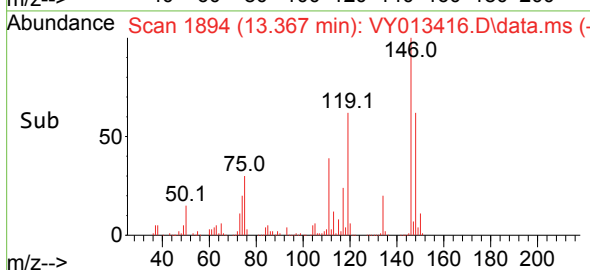
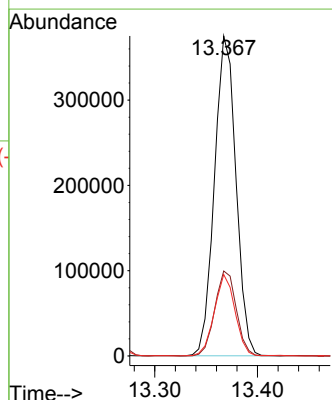
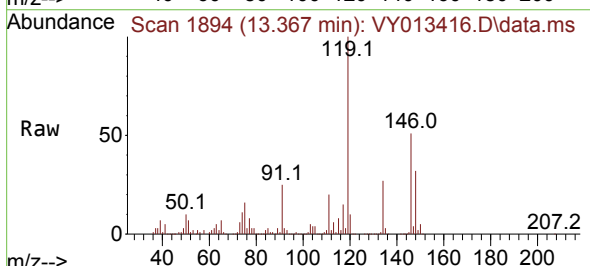
Tgt Ion:119 Resp: 543887

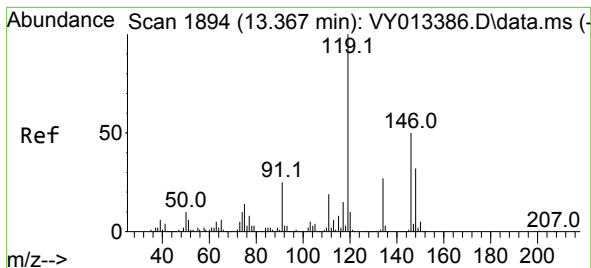
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 24.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 47.943 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

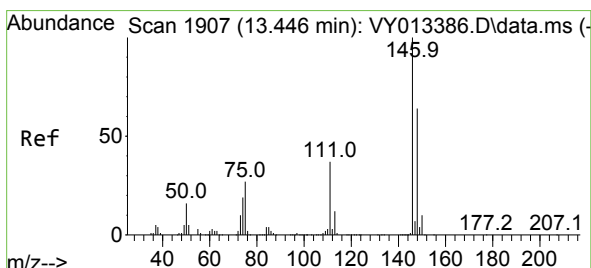
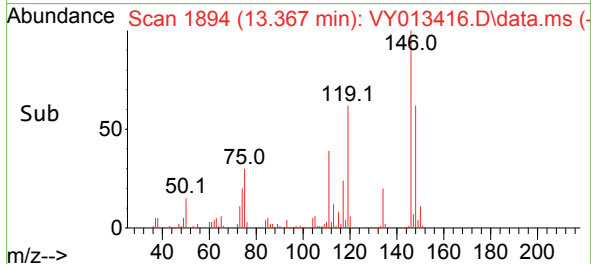
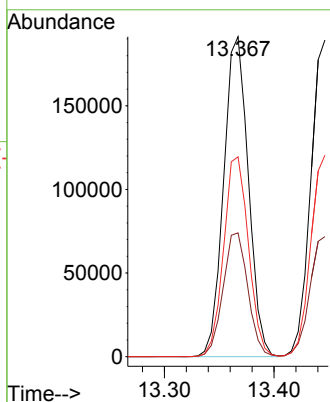
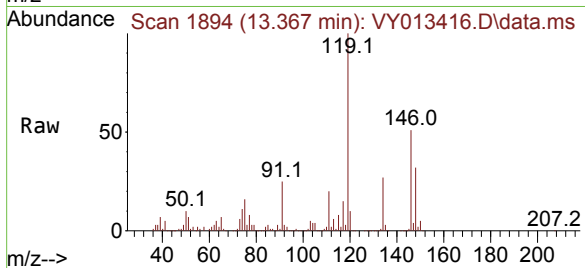
Tgt Ion:146 Resp: 299530

Ion Ratio Lower Upper

146 100

111 39.0 19.3 57.9

148 62.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 47.543 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

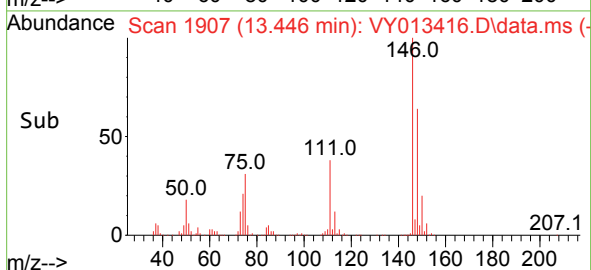
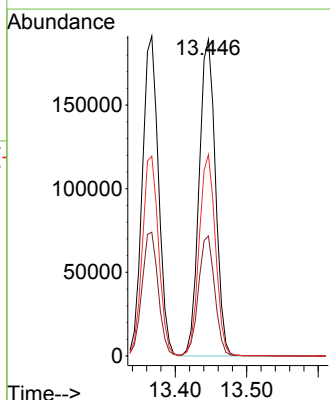
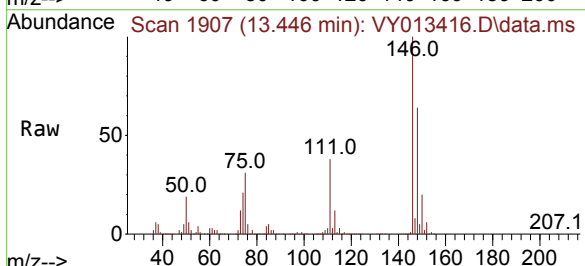
Tgt Ion:146 Resp: 300042

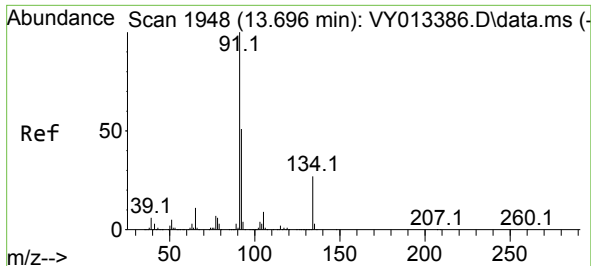
Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.5

148 63.5 31.9 95.5

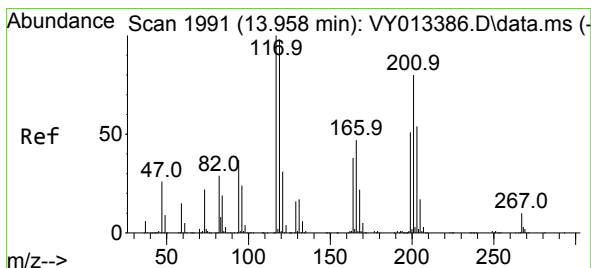
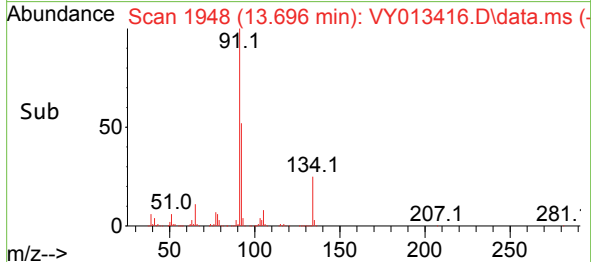
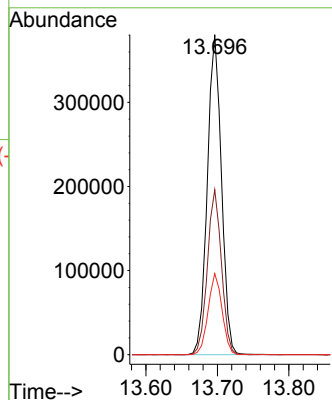
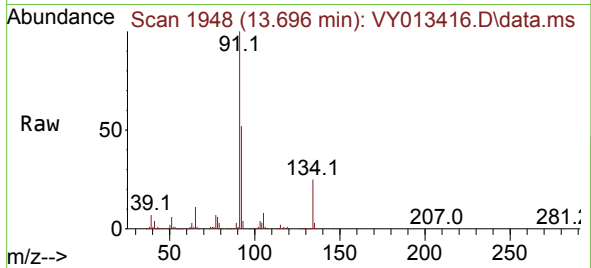




#89
n-Butylbenzene
Concen: 46.359 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

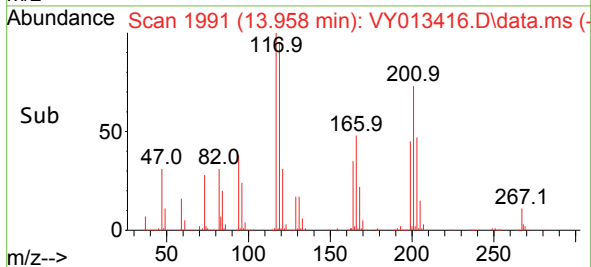
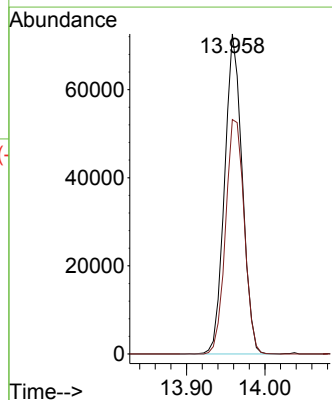
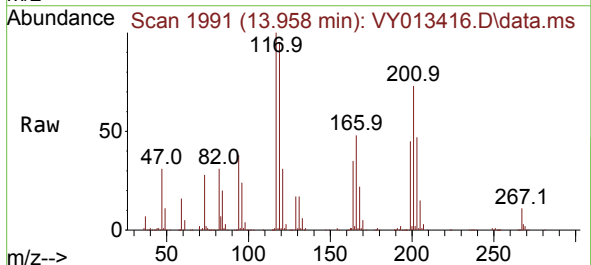
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

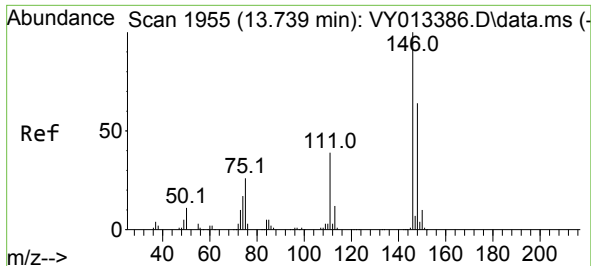
Tgt Ion: 91 Resp: 522615
Ion Ratio Lower Upper
91 100
92 51.4 25.8 77.3
134 25.1 13.5 40.4



#90
Hexachloroethane
Concen: 46.788 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY013416.D
Acq: 24 Apr 2023 23:34

Tgt Ion: 117 Resp: 113738
Ion Ratio Lower Upper
117 100
201 77.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 49.282 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

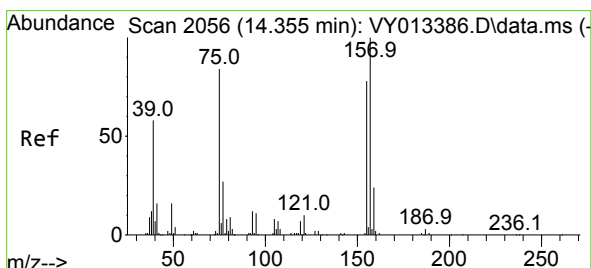
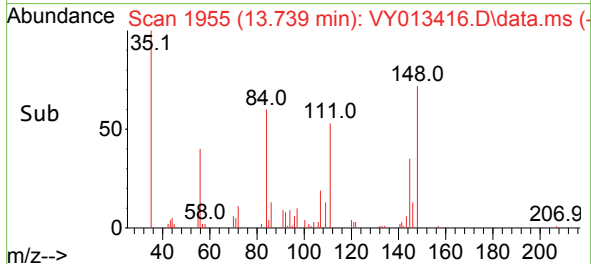
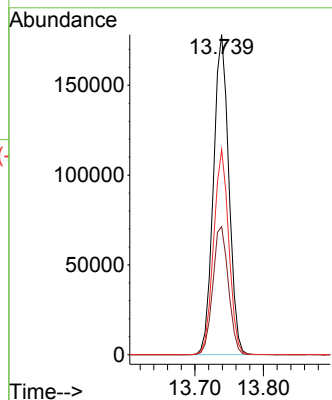
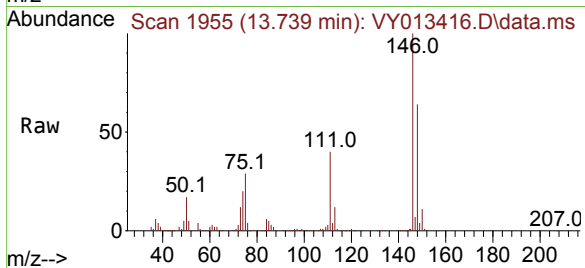
Tgt Ion:146 Resp: 278036

Ion Ratio Lower Upper

146 100

111 40.7 19.8 59.4

148 63.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.202 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

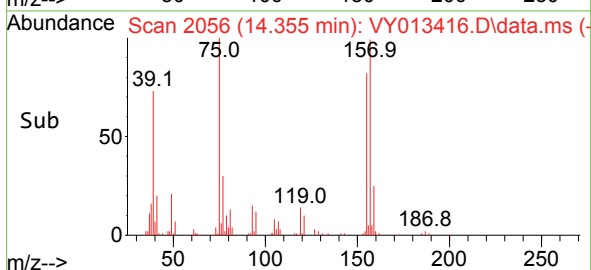
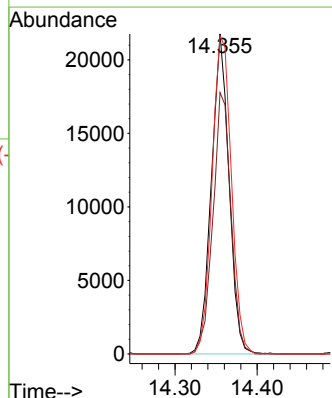
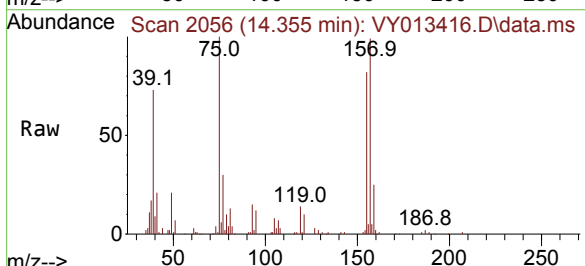
Tgt Ion: 75 Resp: 32251

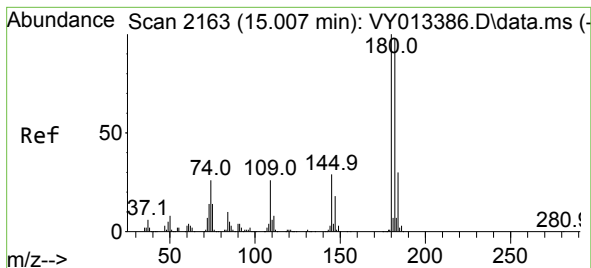
Ion Ratio Lower Upper

75 100

155 84.1 44.6 134.0

157 109.2 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 50.912 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

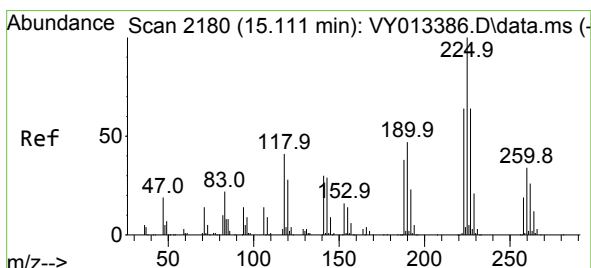
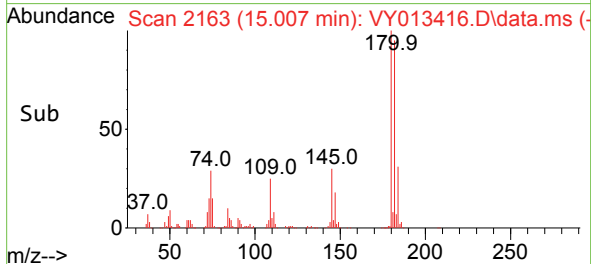
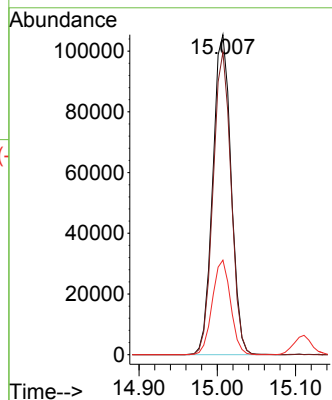
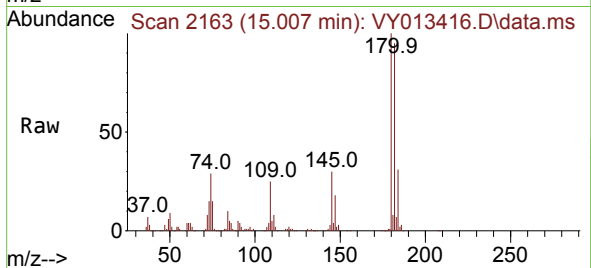
Tgt Ion:180 Resp: 171250

Ion Ratio Lower Upper

180 100

182 92.9 48.5 145.5

145 29.4 15.0 45.0



#94

Hexachlorobutadiene

Concen: 48.690 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

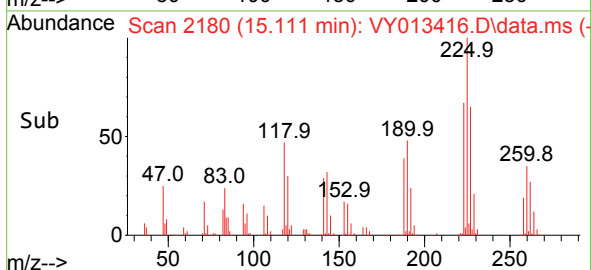
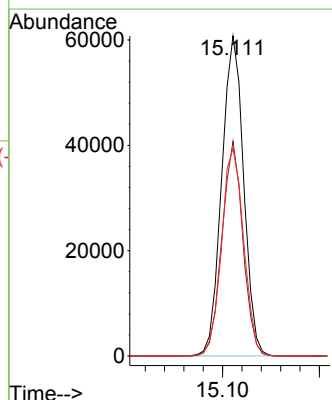
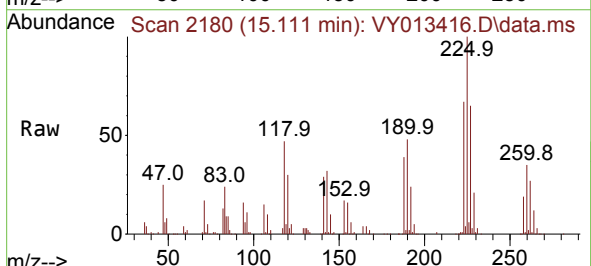
Tgt Ion:225 Resp: 95314

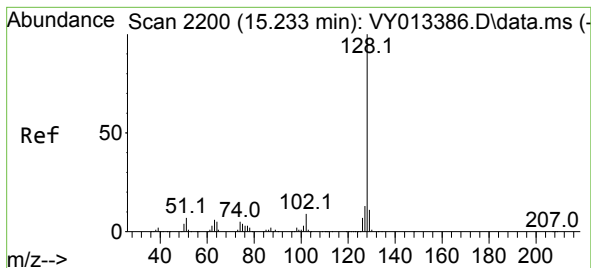
Ion Ratio Lower Upper

225 100

223 64.1 31.4 94.2

227 65.4 32.0 96.0





#95

Naphthalene

Concen: 58.964 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

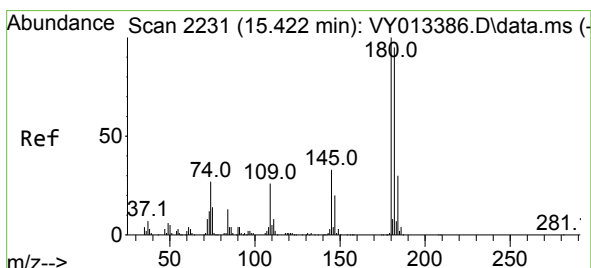
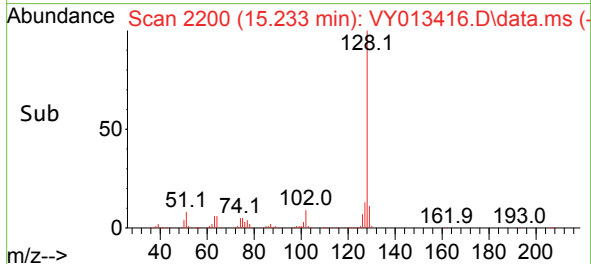
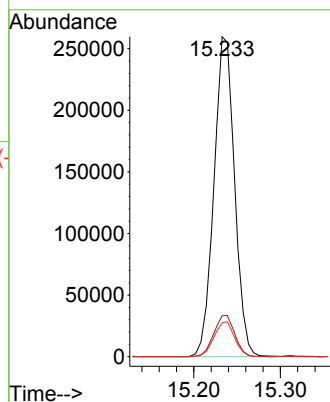
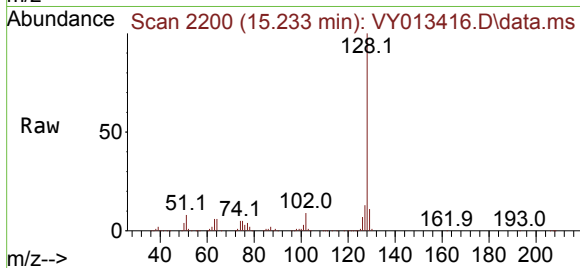
Tgt Ion:128 Resp: 430327

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 52.885 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013416.D

Acq: 24 Apr 2023 23:34

Tgt Ion:180 Resp: 158547

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.3

145 31.7 15.9 47.7

