

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012723\
 Data File : VY012375.D
 Acq On : 27 Jan 2023 10:27
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 30 02:34:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	162296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	239576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	220707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115001	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64845	48.050	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.100%
35) Dibromofluoromethane	7.716	113	59610	46.990	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.980%
50) Toluene-d8	10.179	98	212815	48.269	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.540%
62) 4-Bromofluorobenzene	12.483	95	80264	44.883	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	65274	46.022	ug/l	100
3) Chloromethane	2.119	50	61217	46.755	ug/l	98
4) Vinyl Chloride	2.253	62	76075	49.779	ug/l	98
5) Bromomethane	2.656	94	59859	50.661	ug/l	96
6) Chloroethane	2.796	64	51254	51.424	ug/l	98
7) Trichlorofluoromethane	3.131	101	154548	51.815	ug/l	99
8) Diethyl Ether	3.534	74	43922	49.487	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.906	101	75246	51.834	ug/l	93
10) Methyl Iodide	4.095	142	104494	47.366	ug/l	94
11) Tert butyl alcohol	4.954	59	39514	247.389	ug/l	99
12) 1,1-Dichloroethene	3.875	96	75172	50.431	ug/l	97
13) Acrolein	3.735	56	14932	250.465	ug/l	100
14) Allyl chloride	4.485	41	90534	49.121	ug/l #	82
15) Acrylonitrile	5.167	53	100041	258.052	ug/l	99
16) Acetone	3.948	43	120984	267.710	ug/l	98
17) Carbon Disulfide	4.198	76	213123	46.225	ug/l	100
18) Methyl Acetate	4.479	43	49893	49.338	ug/l #	86
19) Methyl tert-butyl Ether	5.222	73	214333	51.582	ug/l	95
20) Methylene Chloride	4.722	84	85753	44.427	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	84035	50.521	ug/l	88
22) Diisopropyl ether	6.119	45	182731	49.731	ug/l #	89
23) Vinyl Acetate	6.058	43	577887	252.392	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	128731	50.510	ug/l	98
25) 2-Butanone	6.984	43	127126	254.805	ug/l #	85
26) 2,2-Dichloropropane	6.984	77	144969	52.398	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	94192	51.553	ug/l	94
28) Bromochloromethane	7.332	49	24665	44.313	ug/l #	71
29) Tetrahydrofuran	7.350	42	68398	249.582	ug/l #	79
30) Chloroform	7.509	83	153935	51.166	ug/l	100
31) Cyclohexane	7.789	56	112091	47.370	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	155626	52.251	ug/l	97
36) 1,1-Dichloropropene	7.917	75	112327	52.101	ug/l	97
37) Ethyl Acetate	7.070	43	48526	51.057	ug/l #	93
38) Carbon Tetrachloride	7.905	117	151190	54.299	ug/l	95
39) Methylcyclohexane	9.185	83	140769	53.430	ug/l	93
40) Benzene	8.161	78	325345	52.285	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	69220	123.905	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	104779	52.892	ug/l	99
43) Isopropyl Acetate	8.271	43	90097	50.953	ug/l #	92
44) Trichloroethene	8.941	130	97324	52.328	ug/l	96
45) 1,2-Dichloropropane	9.216	63	68467	52.731	ug/l	98
46) Dibromomethane	9.307	93	46329	53.299	ug/l	96
47) Bromodichloromethane	9.496	83	117313	53.615	ug/l	100
48) Methyl methacrylate	9.295	41	42142	51.725	ug/l	86
49) 1,4-Dioxane	9.307	88	13122	1107.874	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	250094	265.244	ug/l	94
52) Toluene	10.246	92	220196	53.147	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	122098	53.348	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	129433	52.513	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	66694	54.004	ug/l	94
56) Ethyl methacrylate	10.508	69	88408	54.566	ug/l	92
57) 1,3-Dichloropropane	10.788	76	107595	53.347	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	129648	241.834	ug/l #	87
59) 2-Hexanone	10.831	43	195303	272.062	ug/l	95
60) Dibromochloromethane	10.984	129	89210	54.463	ug/l	99
61) 1,2-Dibromoethane	11.093	107	62974	52.845	ug/l	99
64) Tetrachloroethene	10.721	164	110530	54.883	ug/l	97
65) Chlorobenzene	11.520	112	239612	53.061	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	93067	54.601	ug/l	97
67) Ethyl Benzene	11.593	91	433254	53.683	ug/l	99
68) m/p-Xylenes	11.703	106	344267	107.887	ug/l	99
69) o-Xylene	12.032	106	164410	53.943	ug/l	97
70) Styrene	12.044	104	275593	54.118	ug/l	99
71) Bromoform	12.209	173	59915	55.019	ug/l #	100
73) Isopropylbenzene	12.331	105	446020	53.785	ug/l	99
74) N-amyl acetate	12.148	43	81299	50.012	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	68460	52.412	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	102498	96.927	ug/l #	100
77) Bromobenzene	12.611	156	105068	52.654	ug/l	90
78) n-propylbenzene	12.672	91	512344	52.798	ug/l	98
79) 2-Chlorotoluene	12.758	91	290508	52.949	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	383259	53.165	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	27314	53.220	ug/l	97
82) 4-Chlorotoluene	12.855	91	299746	52.011	ug/l	97
83) tert-Butylbenzene	13.075	119	336650	53.581	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	381589	53.675	ug/l	99
85) sec-Butylbenzene	13.258	105	480063	53.665	ug/l	98
86) p-Isopropyltoluene	13.373	119	418734	53.576	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	210103	52.940	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	207092	52.324	ug/l	99
89) n-Butylbenzene	13.696	91	357673	52.807	ug/l	98
90) Hexachloroethane	13.965	117	73109	51.815	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	185559	52.400	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14391	53.313	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	120882	53.275	ug/l	98
94) Hexachlorobutadiene	15.117	225	72225	52.868	ug/l	99
95) Naphthalene	15.239	128	247018	55.156	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	105566	54.066	ug/l	99

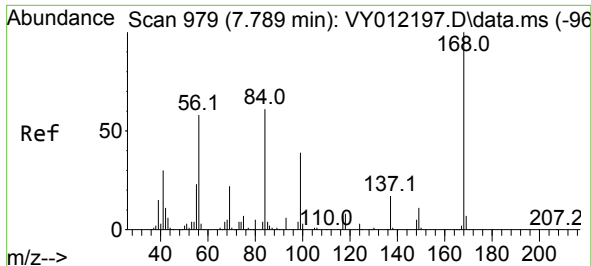
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Response via : Initial Calibration

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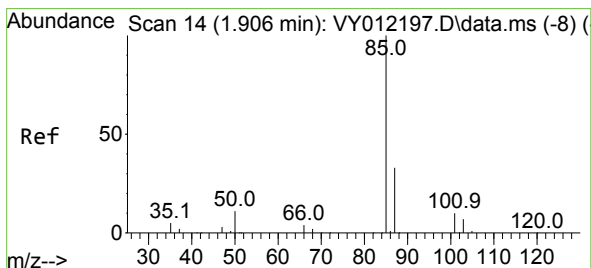
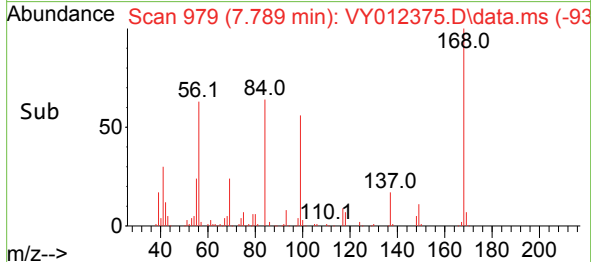
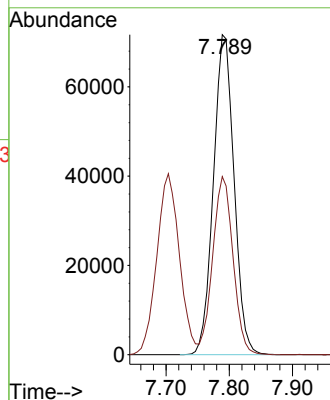
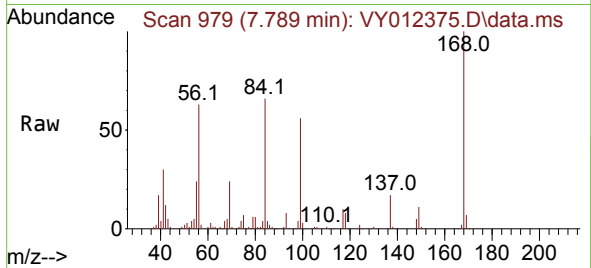
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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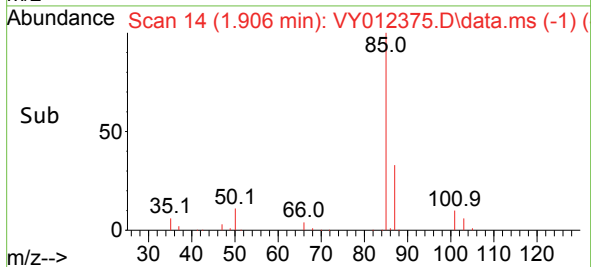
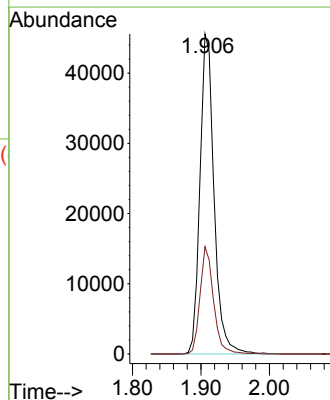
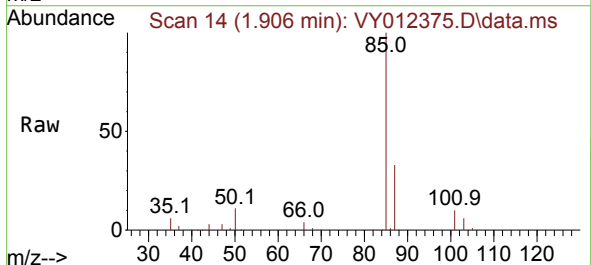
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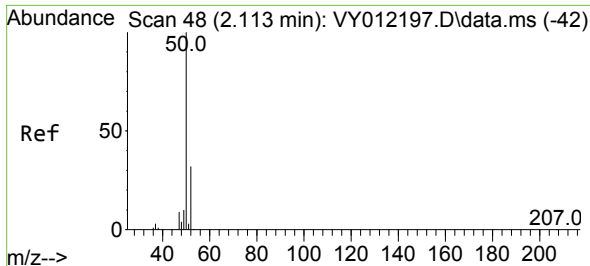
Tgt Ion:168 Resp: 162296
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 46.022 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion: 85 Resp: 65274
Ion Ratio Lower Upper
85 100
87 33.5 16.8 50.4

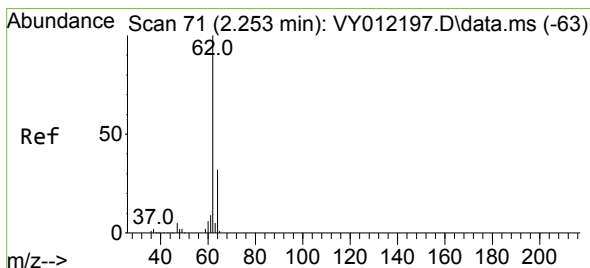
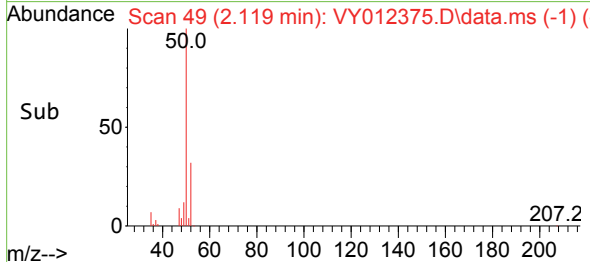
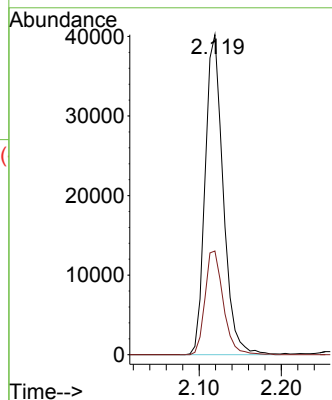
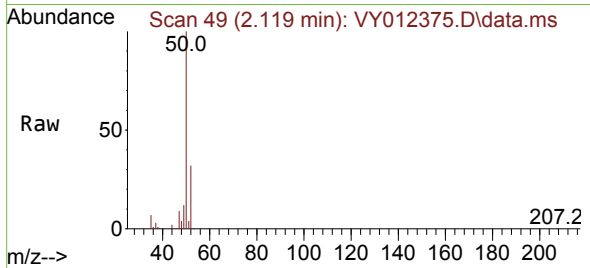




#3
Chloromethane
Concen: 46.755 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

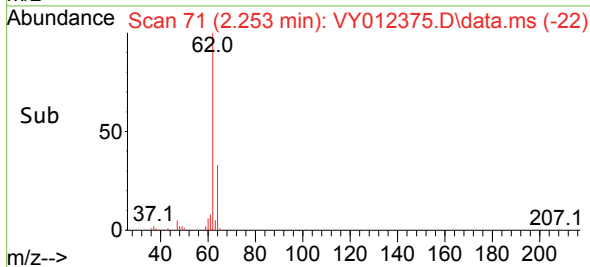
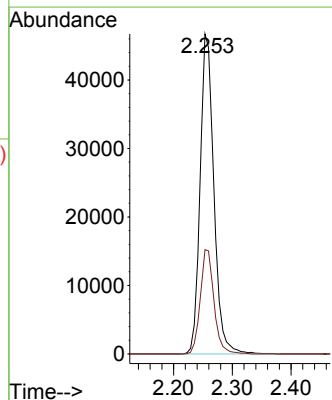
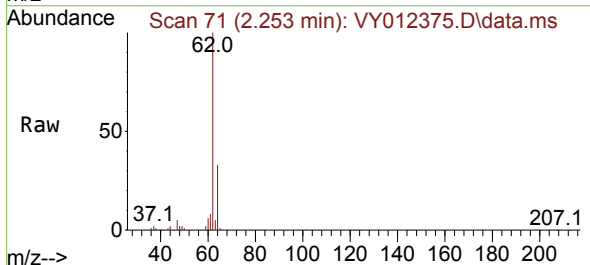
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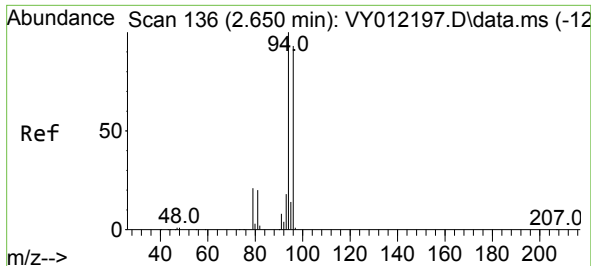
Tgt Ion: 50 Resp: 61217
Ion Ratio Lower Upper
50 100
52 32.4 26.8 40.2



#4
Vinyl Chloride
Concen: 49.779 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion: 62 Resp: 76075
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.6

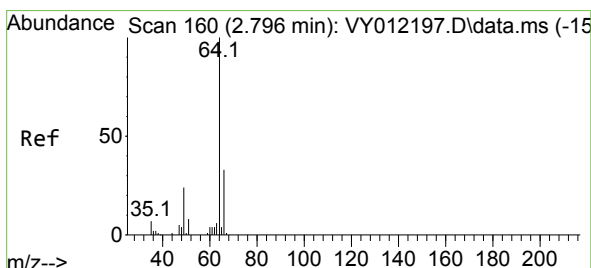
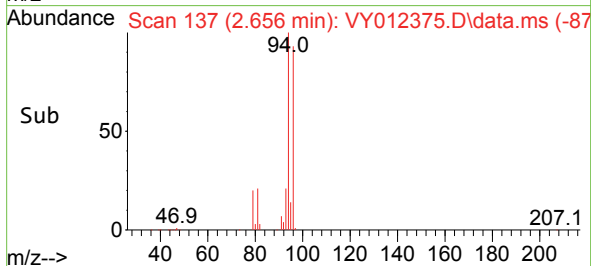
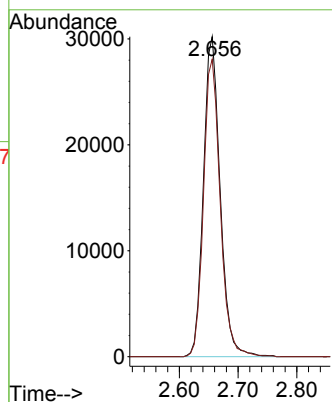
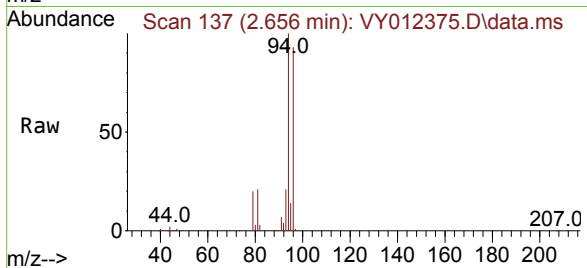




#5
Bromomethane
Concen: 50.661 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

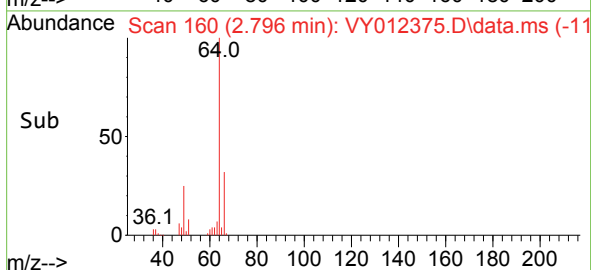
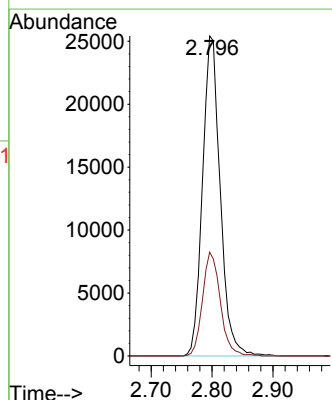
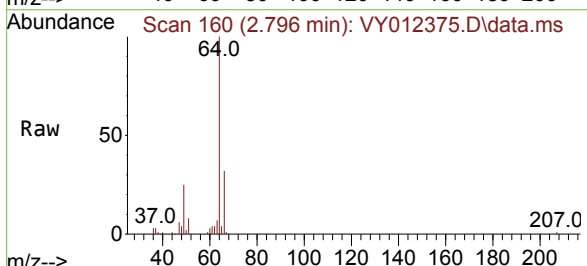
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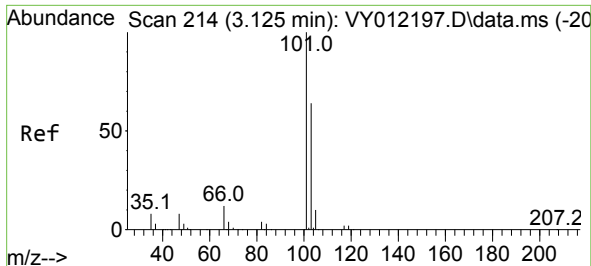
Tgt Ion: 94 Resp: 59859
Ion Ratio Lower Upper
94 100
96 92.9 77.4 116.2



#6
Chloroethane
Concen: 51.424 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion: 64 Resp: 51254
Ion Ratio Lower Upper
64 100
66 32.4 25.0 37.4

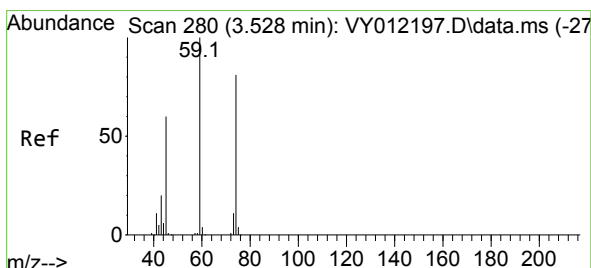
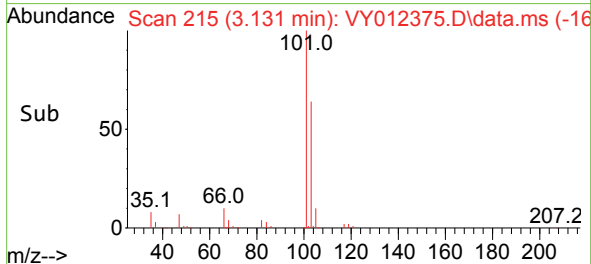
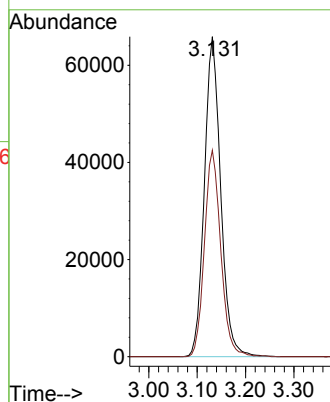
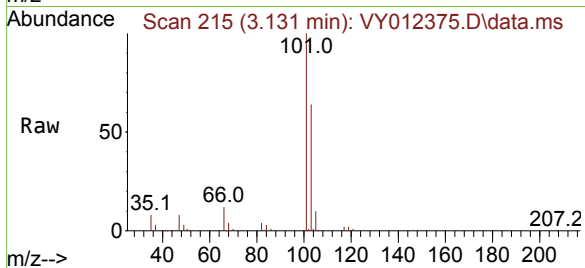




#7
Trichlorofluoromethane
Concen: 51.815 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

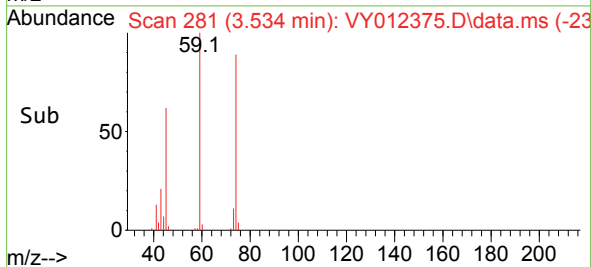
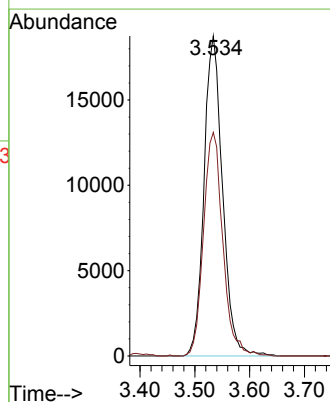
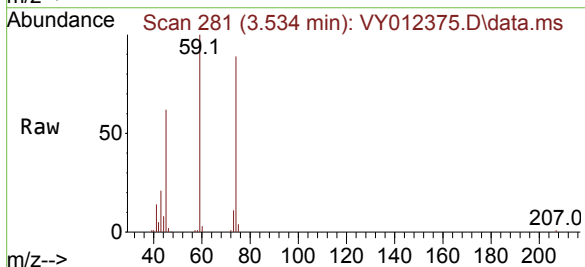
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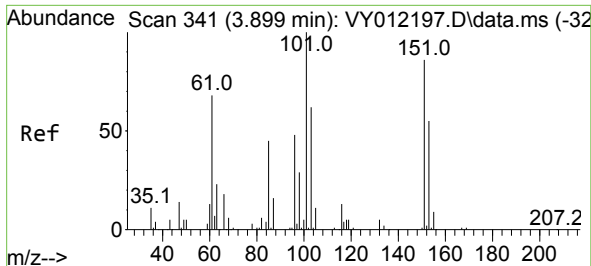
Tgt Ion:101 Resp: 154548
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.6



#8
Diethyl Ether
Concen: 49.487 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion: 74 Resp: 43922
Ion Ratio Lower Upper
74 100
45 73.0 46.8 140.3

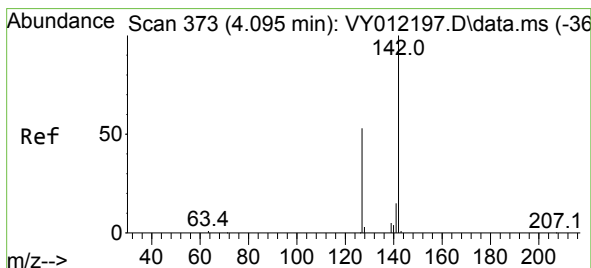
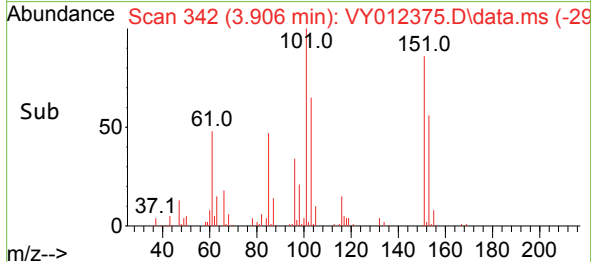
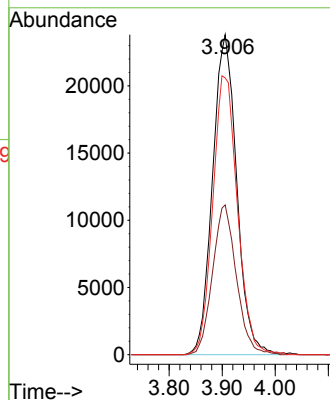
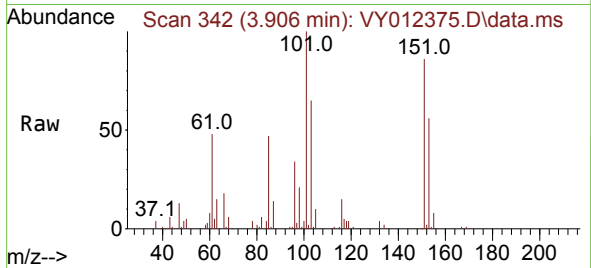




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.834 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY012375.D
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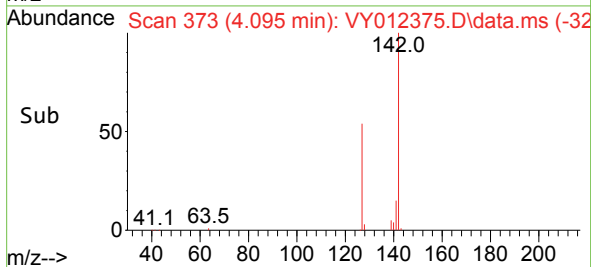
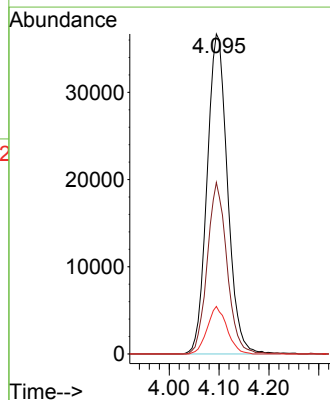
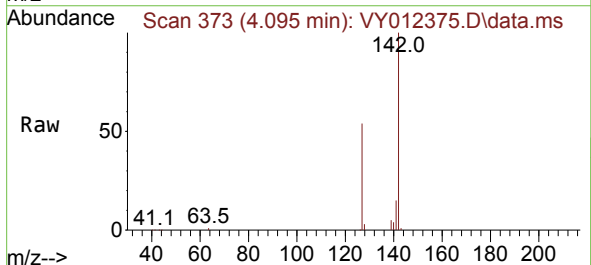
Instrument :
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ClientSampleId :
VSTDCCC050

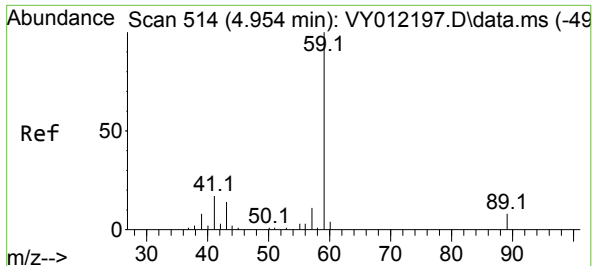
Tgt Ion:101 Resp: 75246
Ion Ratio Lower Upper
101 100
85 46.2 36.2 54.2
151 89.2 64.2 96.2



#10
Methyl Iodide
Concen: 47.366 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion:142 Resp: 104494
Ion Ratio Lower Upper
142 100
127 51.6 37.0 55.4
141 14.3 11.4 17.0

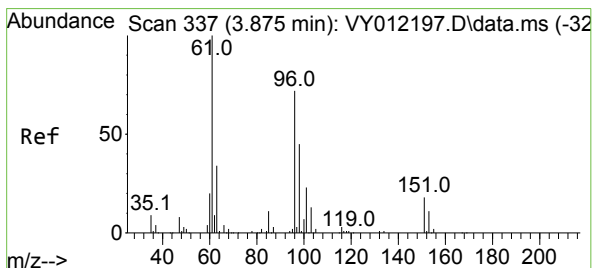
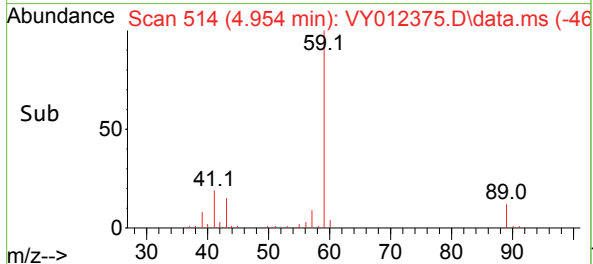
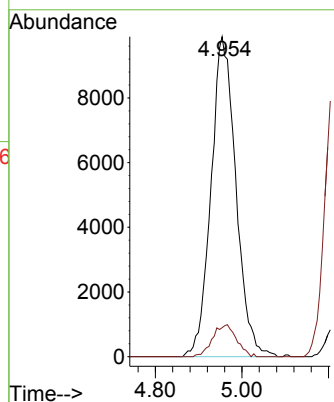
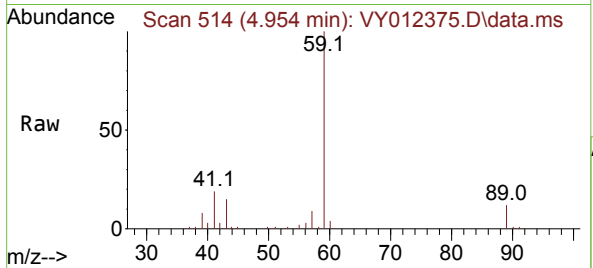




#11
Tert butyl alcohol
Concen: 247.389 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

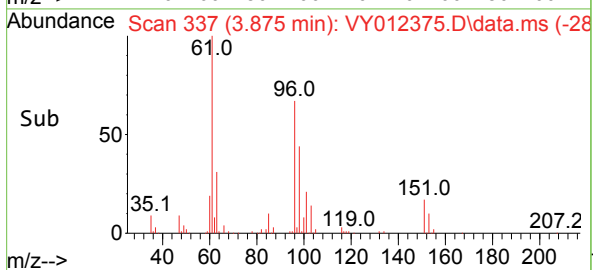
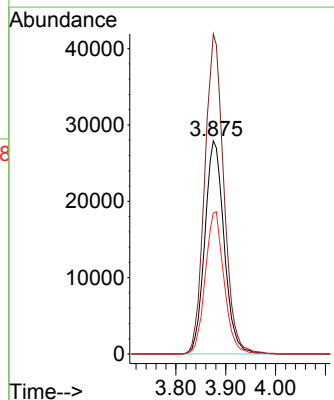
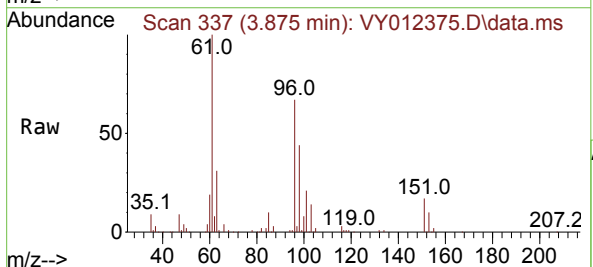
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

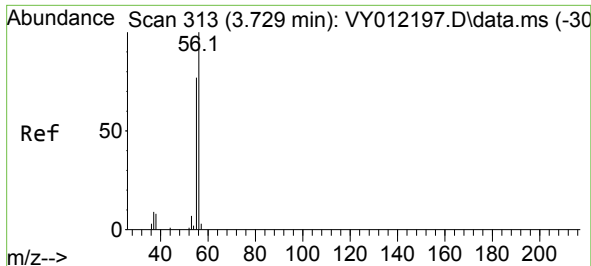
Tgt Ion: 59 Resp: 39514
Ion Ratio Lower Upper
59 100
57 9.6 7.4 11.2



#12
1,1-Dichloroethene
Concen: 50.431 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion: 96 Resp: 75172
Ion Ratio Lower Upper
96 100
61 150.1 122.0 183.0
98 66.1 48.6 73.0





#13

Acrolein

Concen: 250.465 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

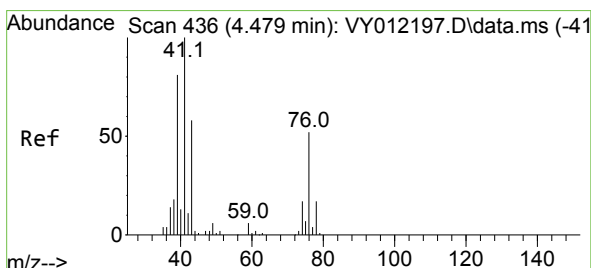
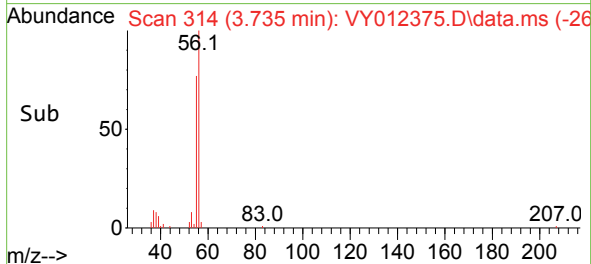
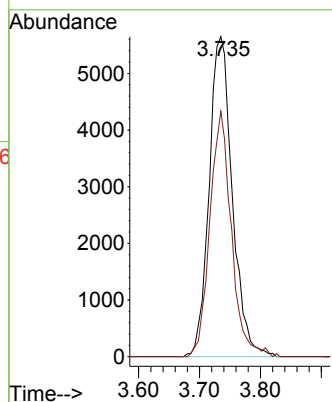
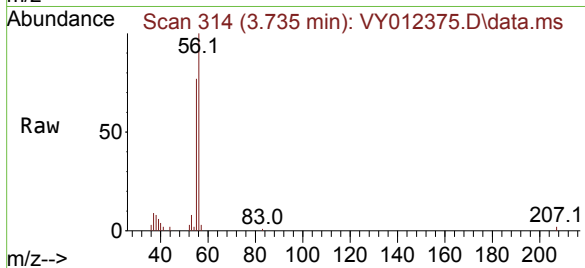
VSTDCCC050

Tgt Ion: 56 Resp: 14932

Ion Ratio Lower Upper

56 100

55 71.2 56.6 85.0



#14

Allyl chloride

Concen: 49.121 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

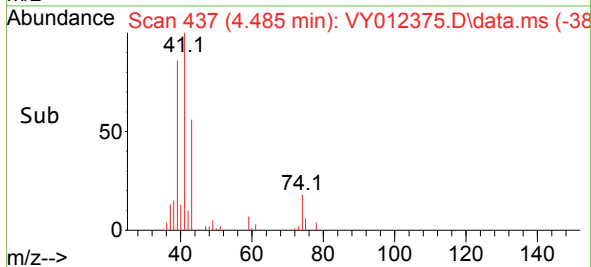
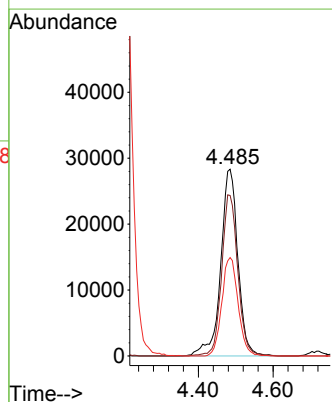
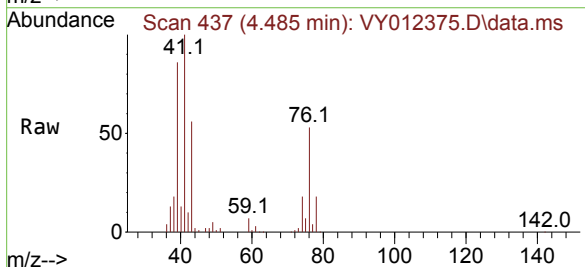
Tgt Ion: 41 Resp: 90534

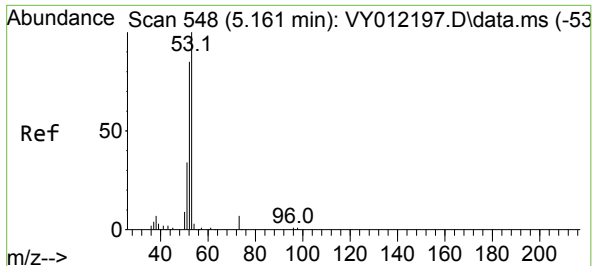
Ion Ratio Lower Upper

41 100

39 81.2 53.5 80.3#

76 49.9 31.1 46.7#

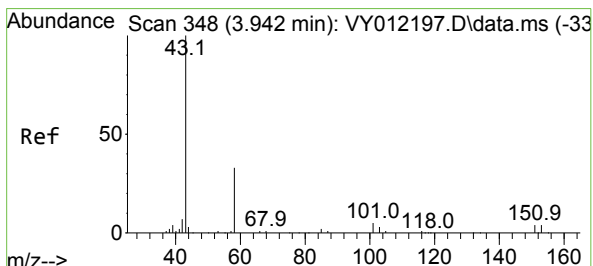
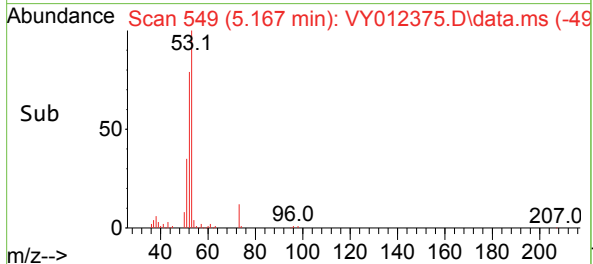
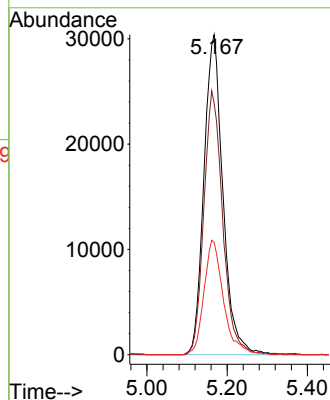
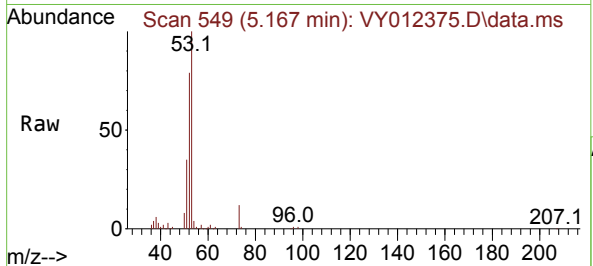




#15
Acrylonitrile
Concen: 258.052 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

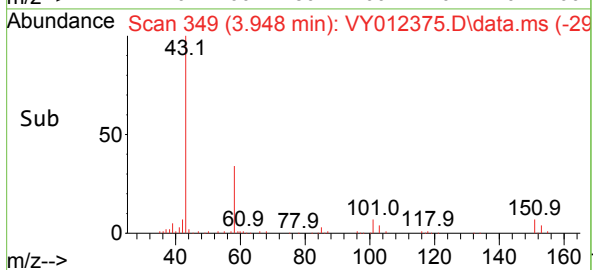
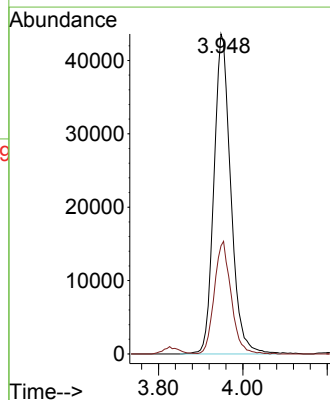
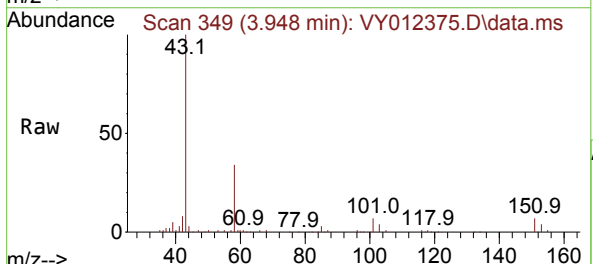
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

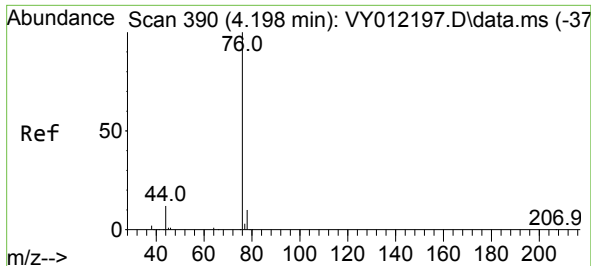
Tgt Ion: 53 Resp: 100041
Ion Ratio Lower Upper
53 100
52 81.7 65.1 97.7
51 36.8 28.7 43.1



#16
Acetone
Concen: 267.710 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion: 43 Resp: 120984
Ion Ratio Lower Upper
43 100
58 33.8 27.9 41.9

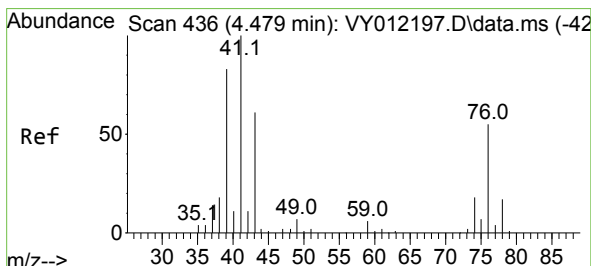
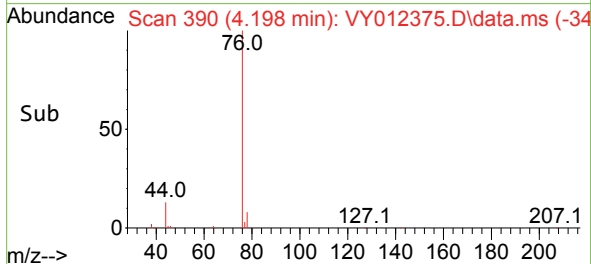
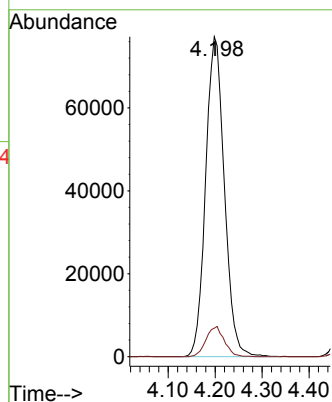
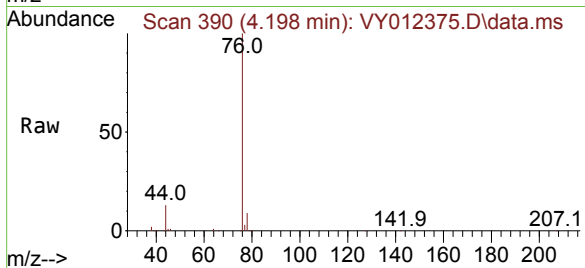




#17
Carbon Disulfide
Concen: 46.225 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

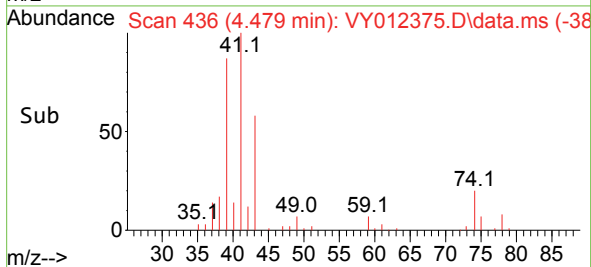
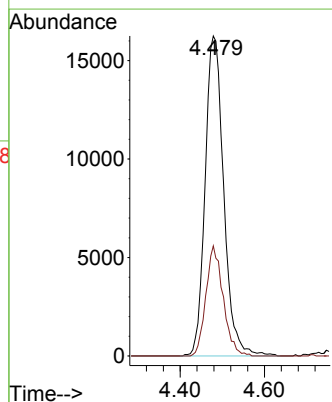
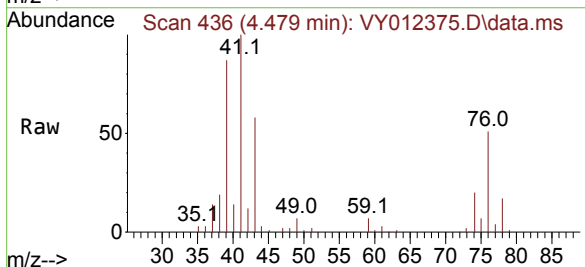
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

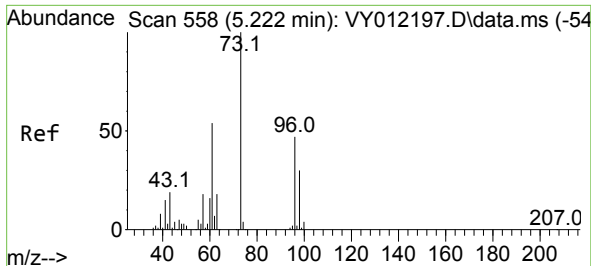
Tgt Ion: 76 Resp: 213123
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 49.338 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion: 43 Resp: 49893
Ion Ratio Lower Upper
43 100
74 31.9 20.1 30.1#





#19

Methyl tert-butyl Ether

Concen: 51.582 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

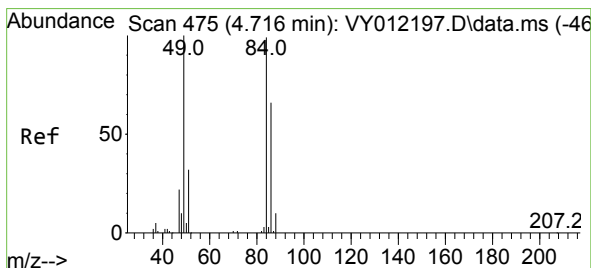
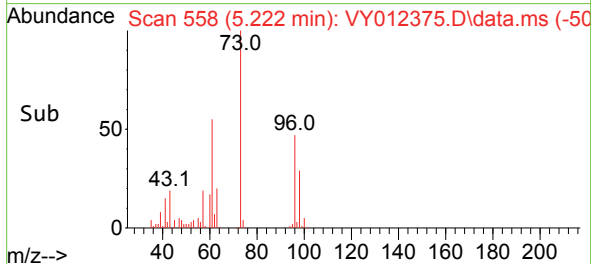
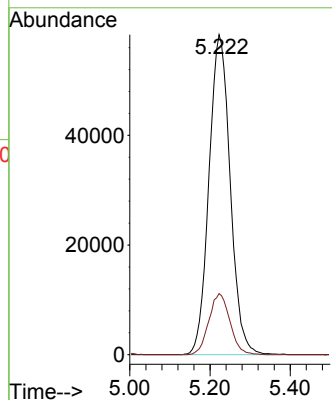
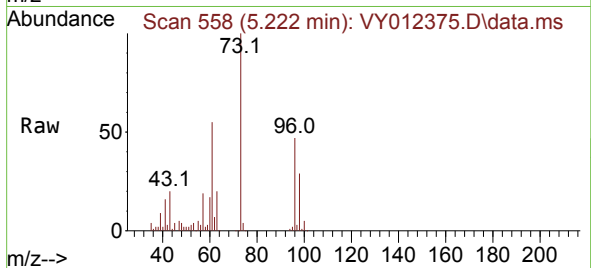
VSTDCCC050

Tgt Ion: 73 Resp: 214333

Ion Ratio Lower Upper

73 100

57 19.1 17.4 26.0



#20

Methylene Chloride

Concen: 44.427 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Tgt Ion: 84 Resp: 85753

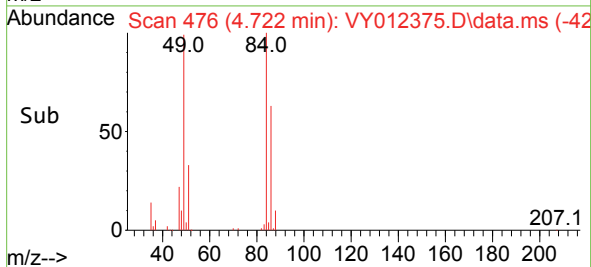
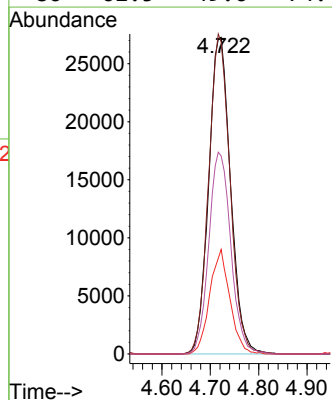
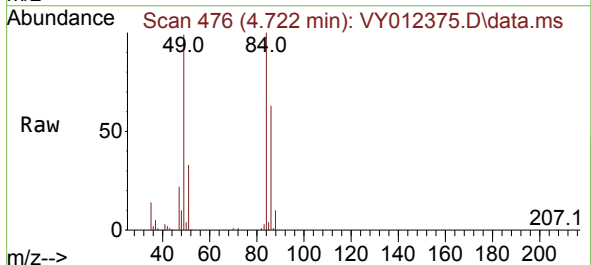
Ion Ratio Lower Upper

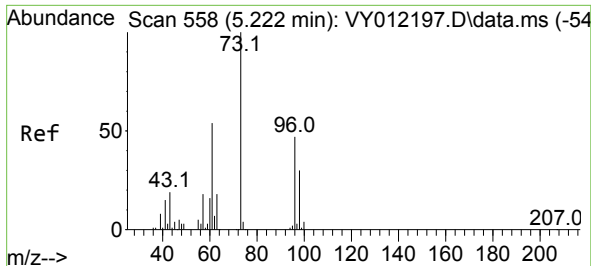
84 100

49 98.5 95.4 143.2

51 33.0 29.9 44.9

86 62.5 49.6 74.4

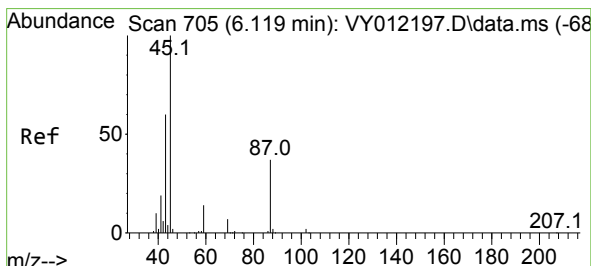
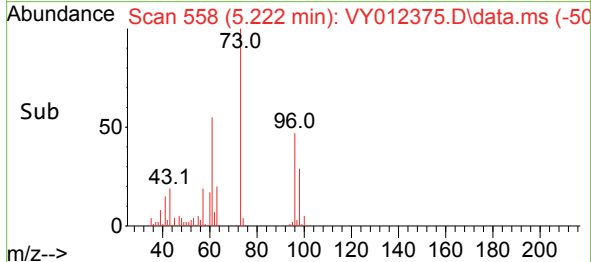
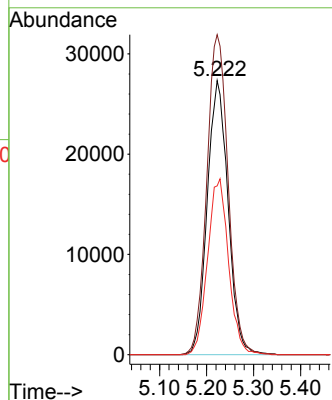
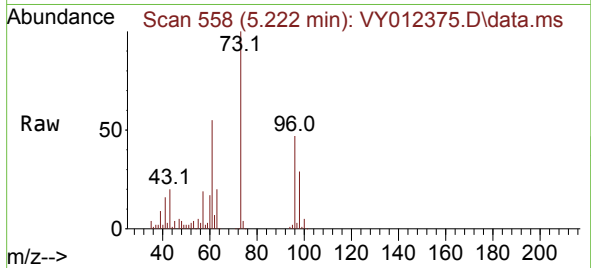




#21
trans-1,2-Dichloroethene
Concen: 50.521 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

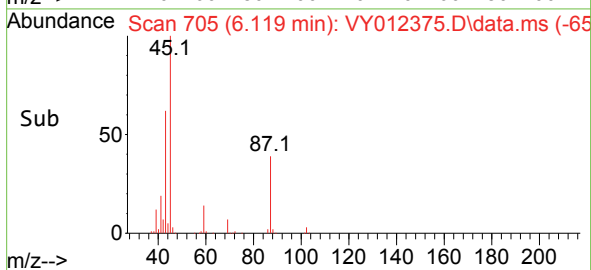
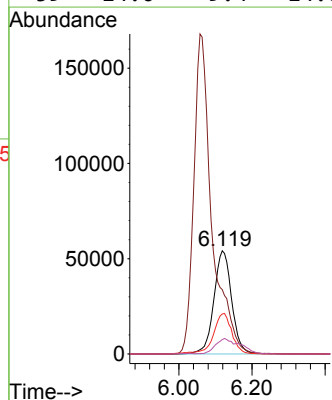
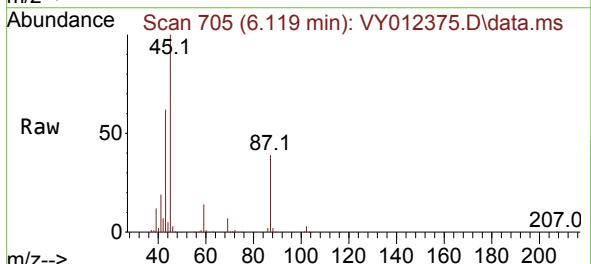
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

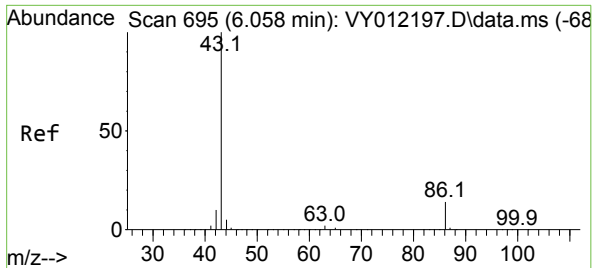
Tgt Ion: 96 Resp: 84035
Ion Ratio Lower Upper
96 100
61 116.8 108.0 162.0
98 61.6 51.6 77.4



#22
Diisopropyl ether
Concen: 49.731 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion: 45 Resp: 182731
Ion Ratio Lower Upper
45 100
43 62.0 45.0 67.4
87 38.8 22.6 33.8#
59 14.0 9.4 14.0

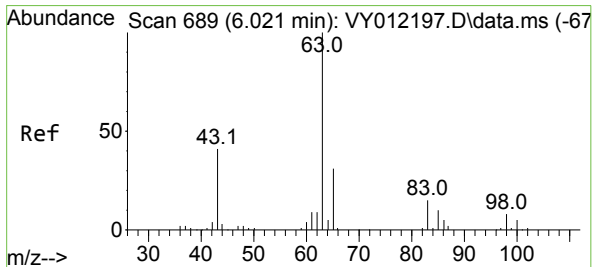
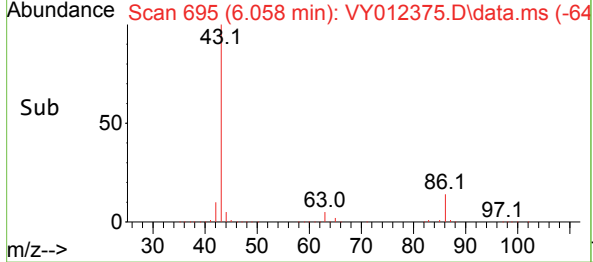
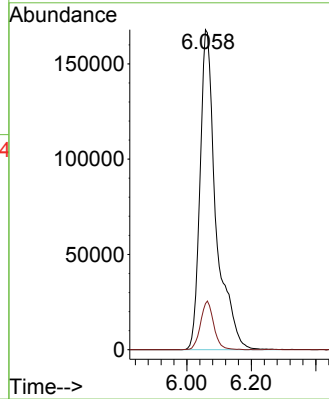
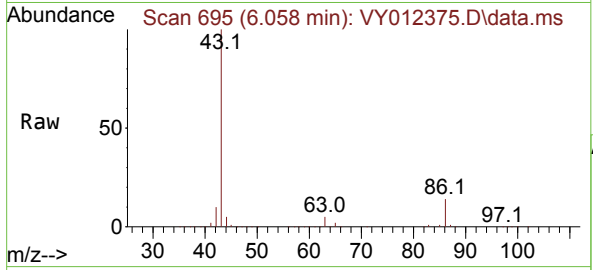




#23
 Vinyl Acetate
 Concen: 252.392 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012375.D
 Acq: 27 Jan 2023 10:27

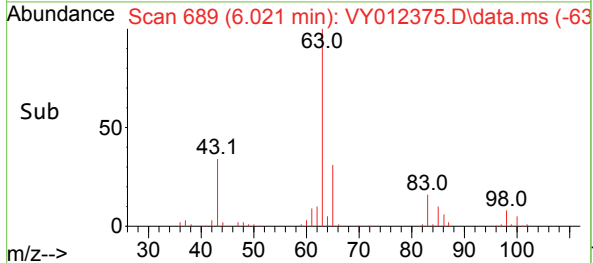
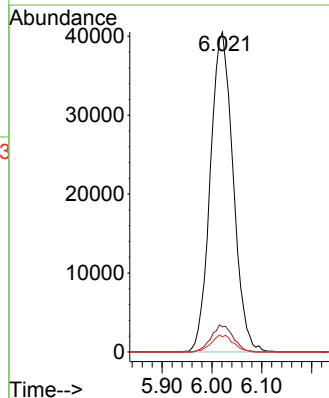
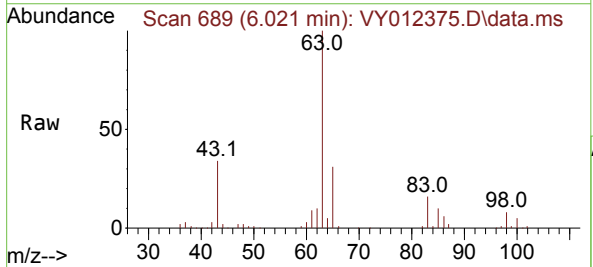
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

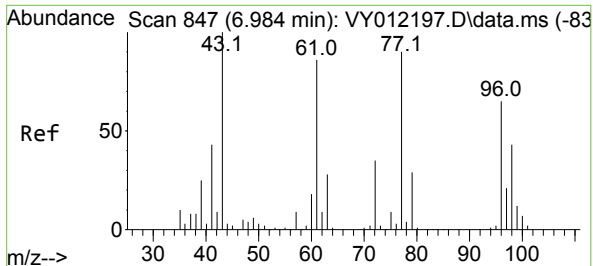
Tgt Ion: 43 Resp: 577887
 Ion Ratio Lower Upper
 43 100
 86 14.4 9.0 13.4#



#24
 1,1-Dichloroethane
 Concen: 50.510 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012375.D
 Acq: 27 Jan 2023 10:27

Tgt Ion: 63 Resp: 128731
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.5
 100 4.7 2.2 6.6





#25

2-Butanone

Concen: 254.805 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

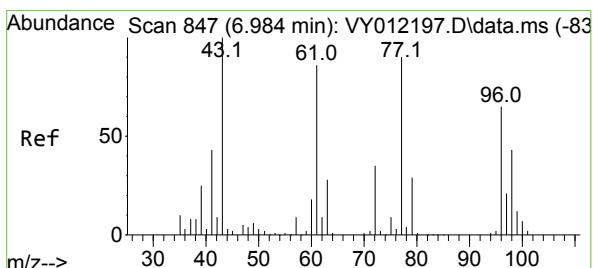
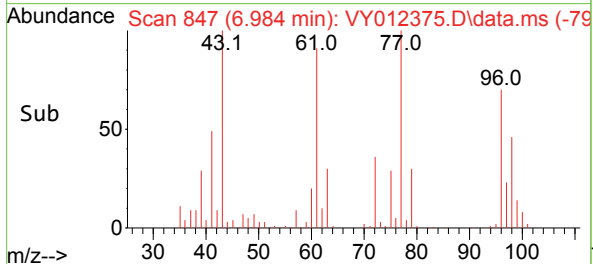
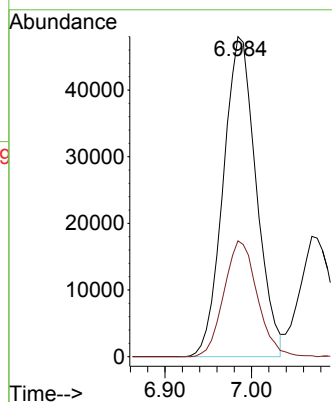
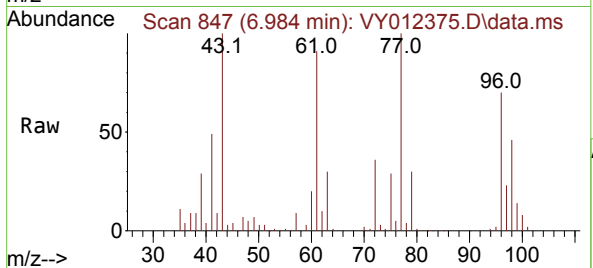
VSTDCCC050

Tgt Ion: 43 Resp: 127126

Ion Ratio Lower Upper

43 100

72 36.2 22.6 34.0#



#26

2,2-Dichloropropane

Concen: 52.398 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012375.D

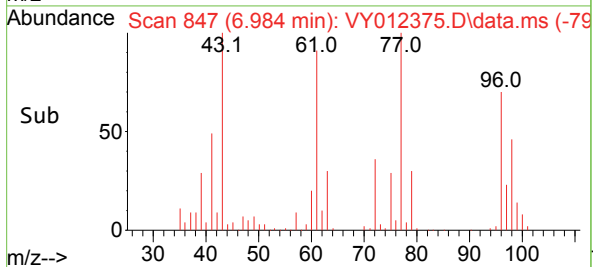
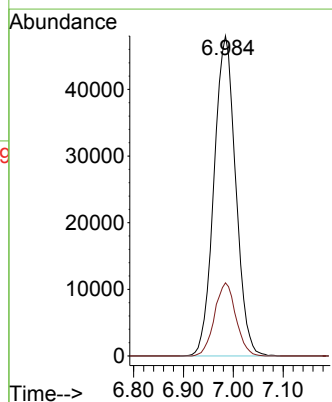
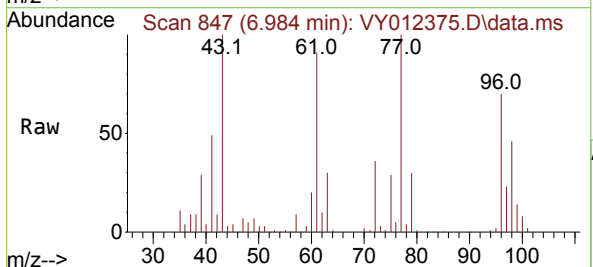
Acq: 27 Jan 2023 10:27

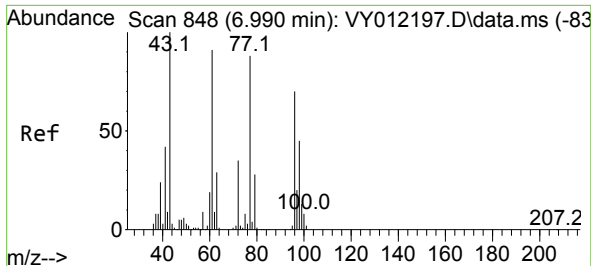
Tgt Ion: 77 Resp: 144969

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.553 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

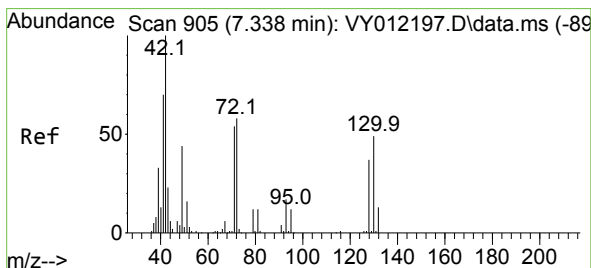
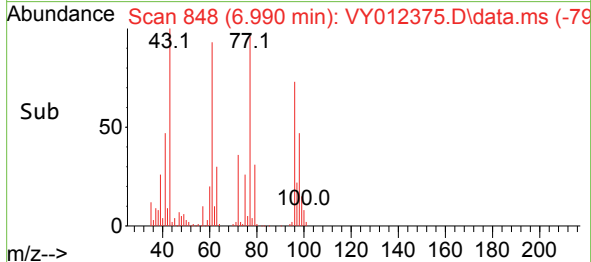
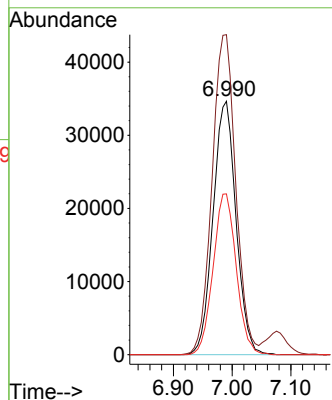
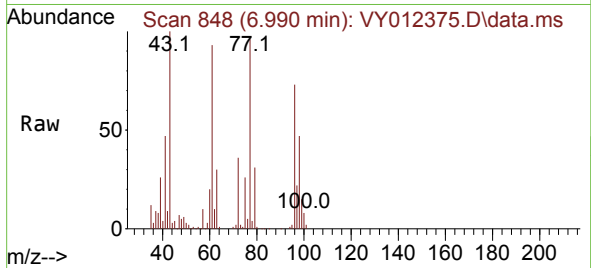
Tgt Ion: 96 Resp: 94192

Ion Ratio Lower Upper

96 100

61 130.2 0.0 283.4

98 63.8 0.0 127.6



#28

Bromochloromethane

Concen: 44.313 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

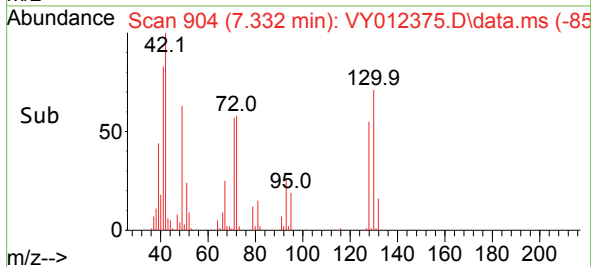
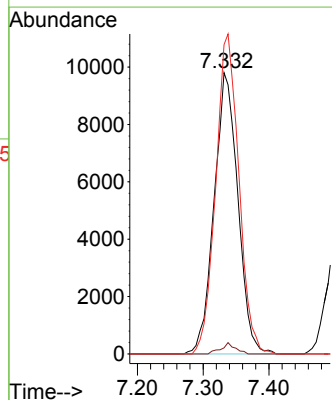
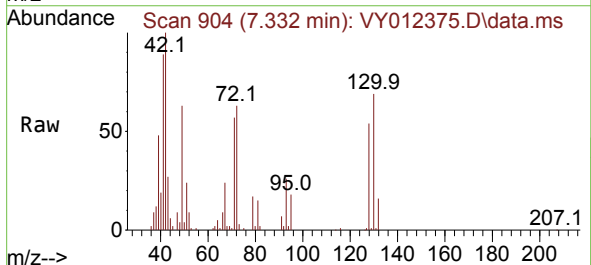
Tgt Ion: 49 Resp: 24665

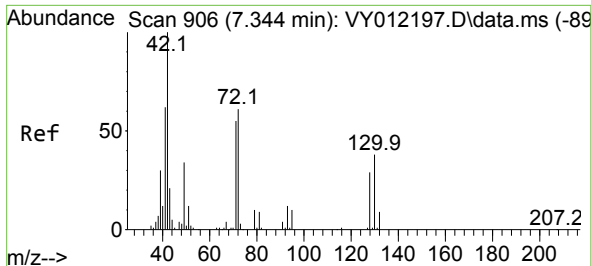
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 110.8 66.7 100.1#





#29

Tetrahydrofuran

Concen: 249.582 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

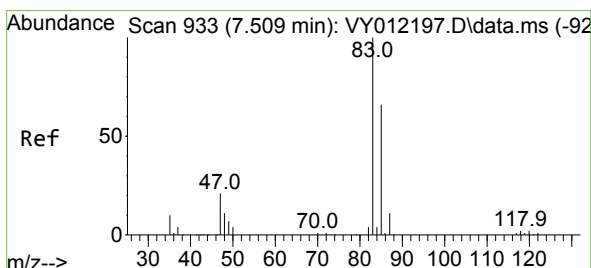
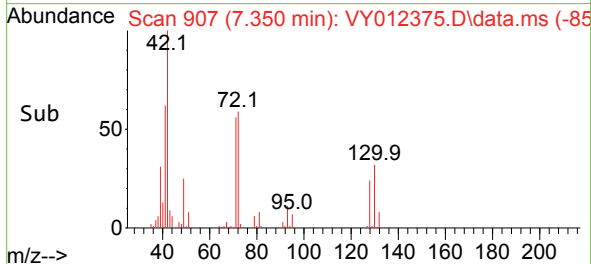
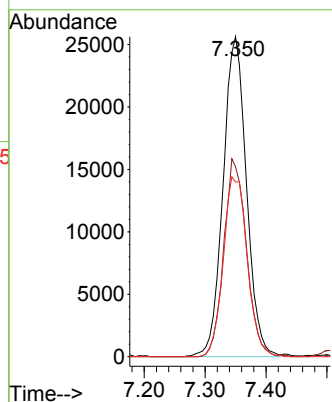
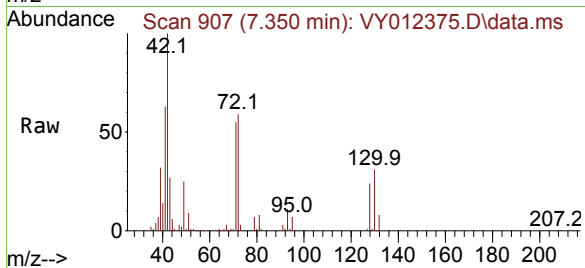
Tgt Ion: 42 Resp: 68398

Ion Ratio Lower Upper

42 100

72 60.0 37.0 55.6#

71 57.5 34.9 52.3#



#30

Chloroform

Concen: 51.166 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012375.D

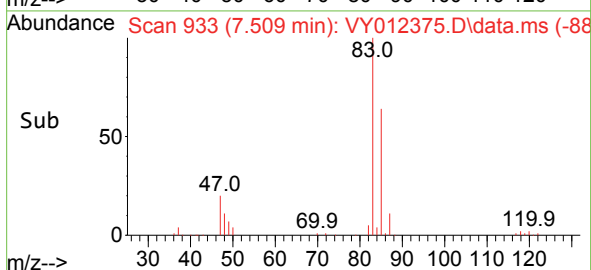
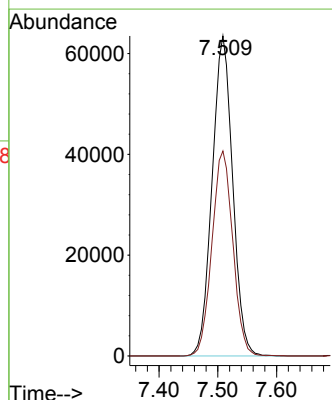
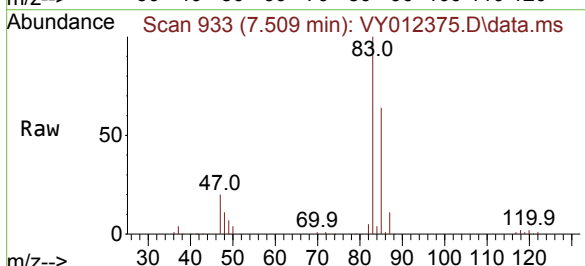
Acq: 27 Jan 2023 10:27

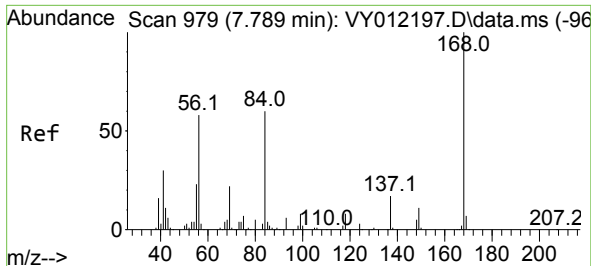
Tgt Ion: 83 Resp: 153935

Ion Ratio Lower Upper

83 100

85 64.0 51.5 77.3

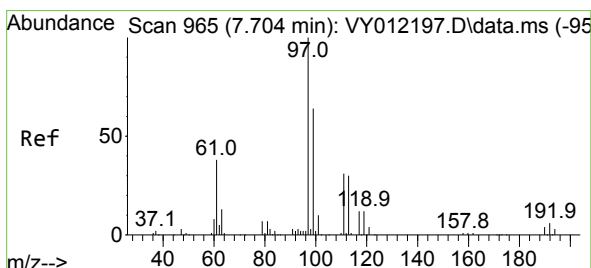
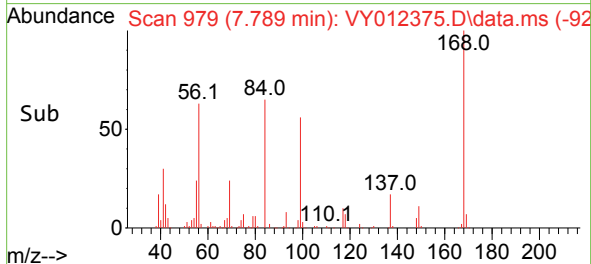
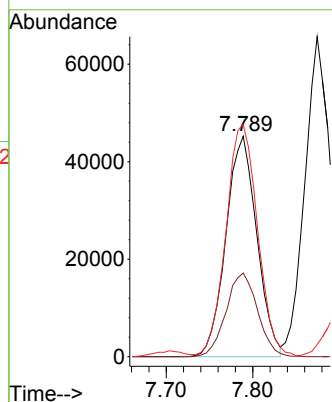
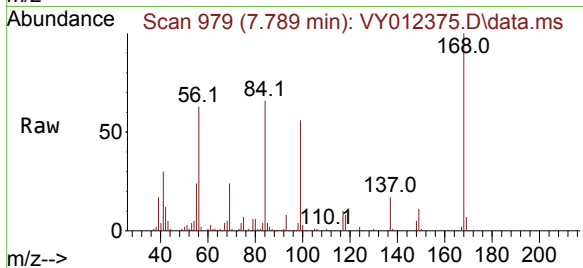




#31
Cyclohexane
Concen: 47.370 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

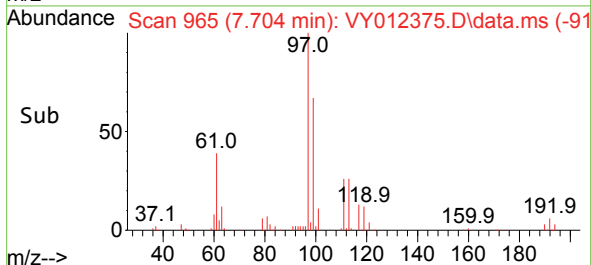
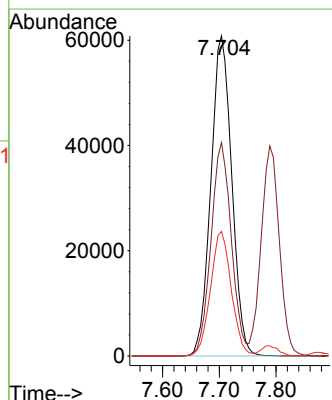
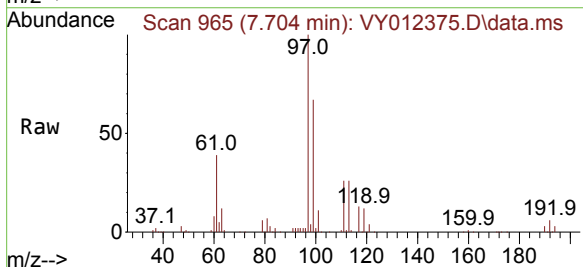
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

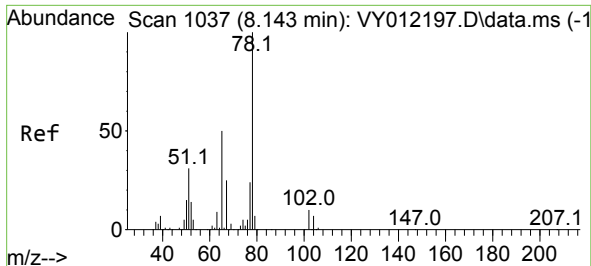
Tgt Ion: 56 Resp: 112091
Ion Ratio Lower Upper
56 100
69 37.9 29.2 43.8
84 103.3 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 52.251 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion: 97 Resp: 155626
Ion Ratio Lower Upper
97 100
99 65.4 51.0 76.4
61 38.9 33.0 49.4

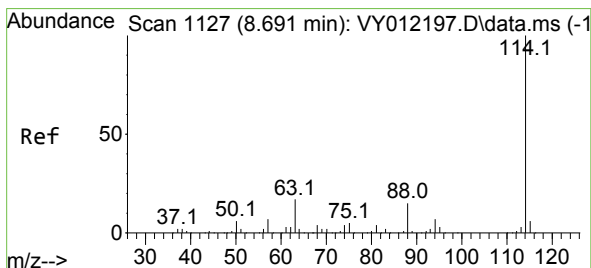
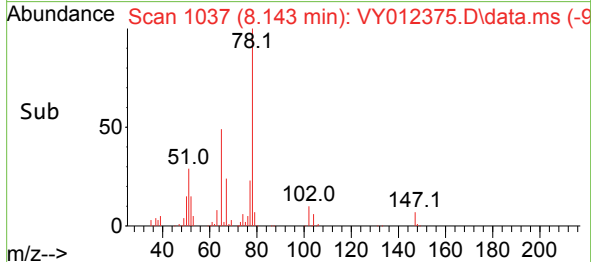
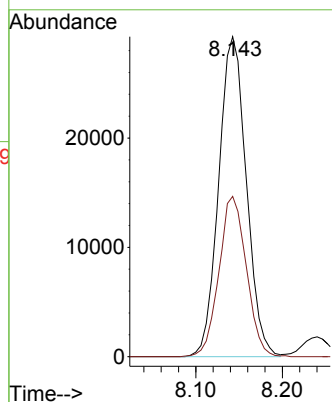
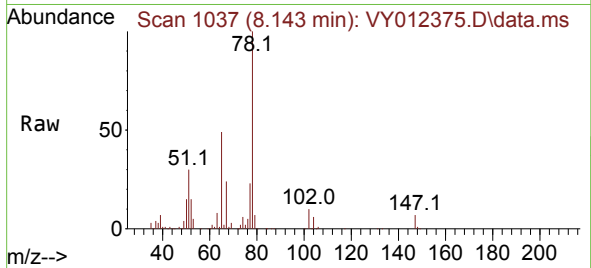




#33
 1,2-Dichloroethane-d4
 Concen: 48.050 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012375.D
 Acq: 27 Jan 2023 10:27

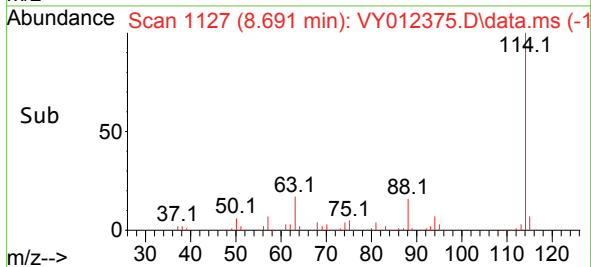
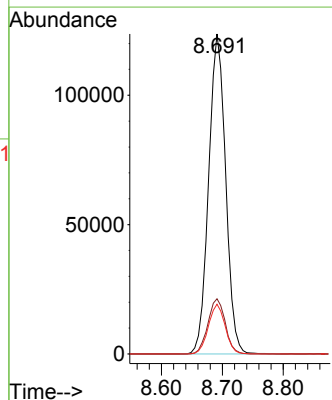
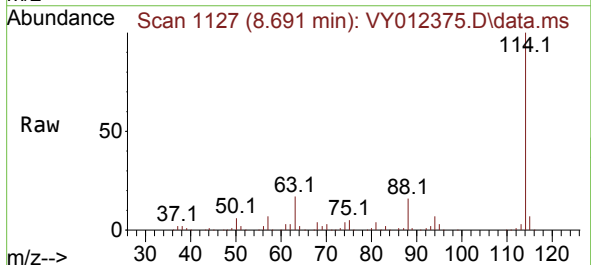
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

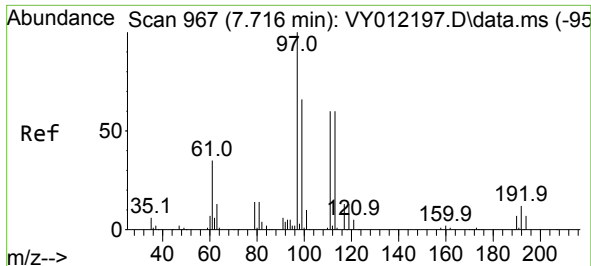
Tgt Ion: 65 Resp: 64845
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012375.D
 Acq: 27 Jan 2023 10:27

Tgt Ion:114 Resp: 239576
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 39.6
 88 15.5 0.0 32.2

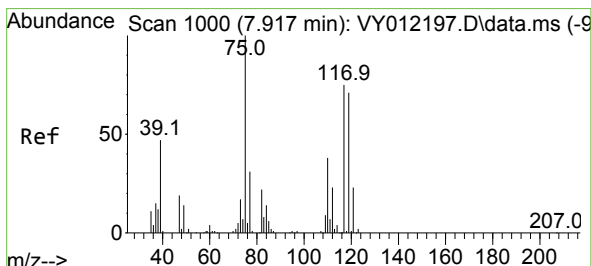
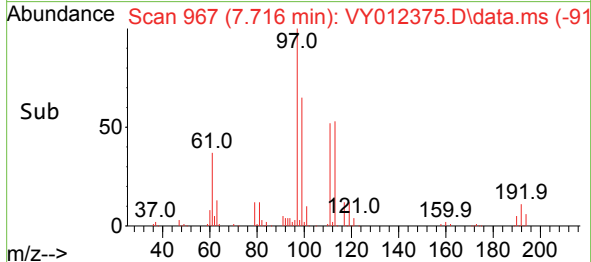
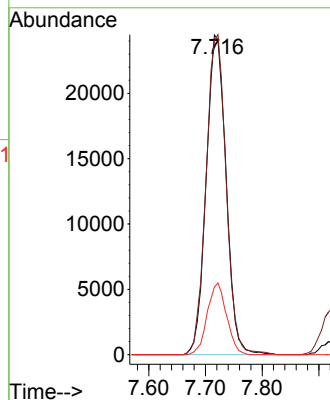
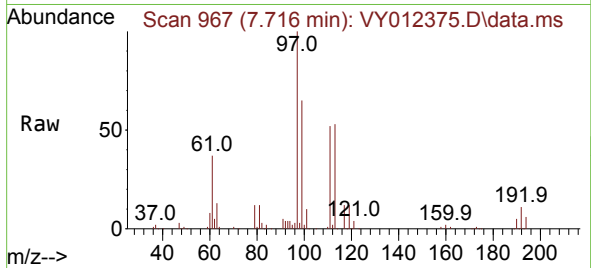




#35
Dibromofluoromethane
Concen: 46.990 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

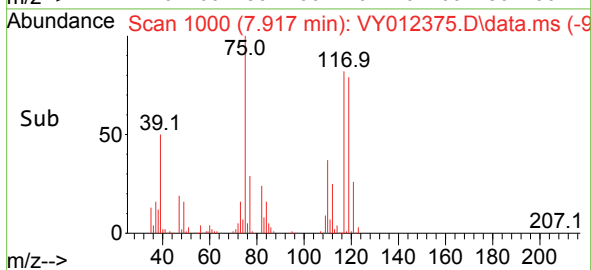
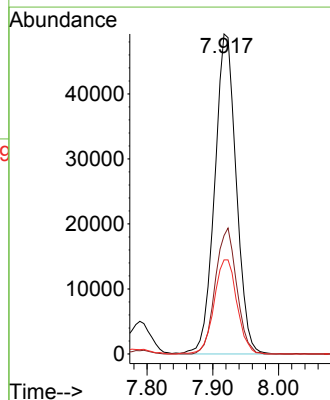
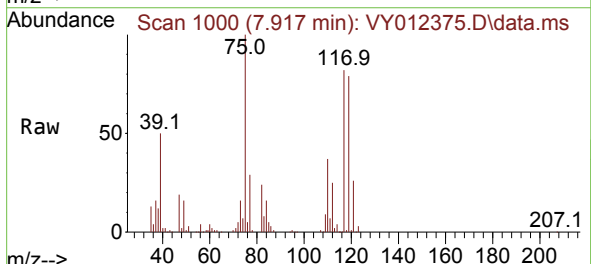
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

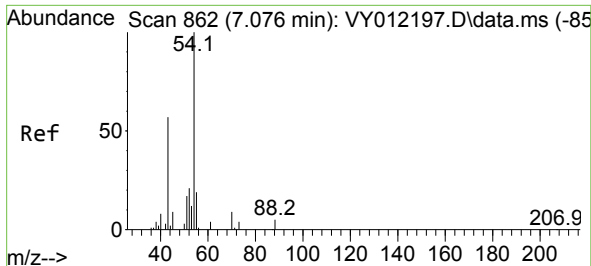
Tgt Ion:113 Resp: 59610
Ion Ratio Lower Upper
113 100
111 101.2 83.0 124.4
192 21.8 16.0 24.0



#36
1,1-Dichloropropene
Concen: 52.101 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion: 75 Resp: 112327
Ion Ratio Lower Upper
75 100
110 39.0 18.1 54.1
77 31.2 25.1 37.7





#37

Ethyl Acetate

Concen: 51.057 ug/l

RT: 7.070 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

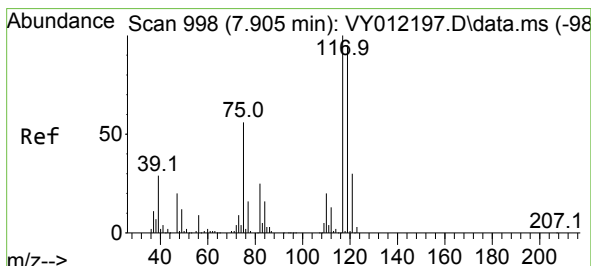
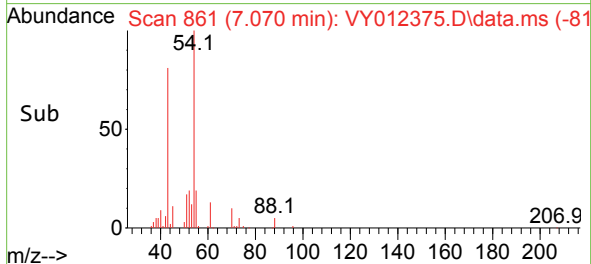
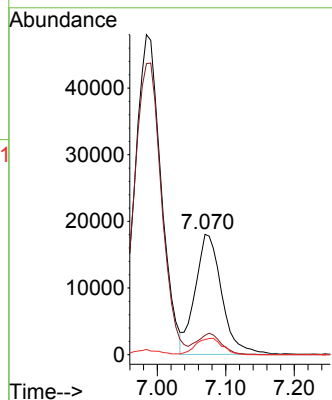
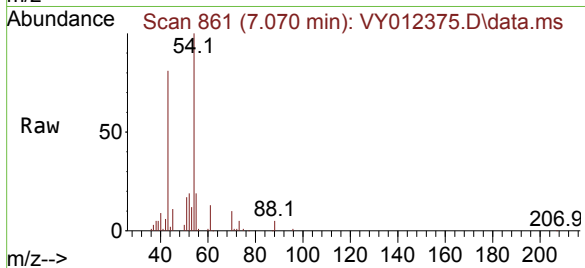
Tgt Ion: 43 Resp: 48526

Ion Ratio Lower Upper

43 100

61 16.3 11.3 16.9

70 13.6 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 54.299 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

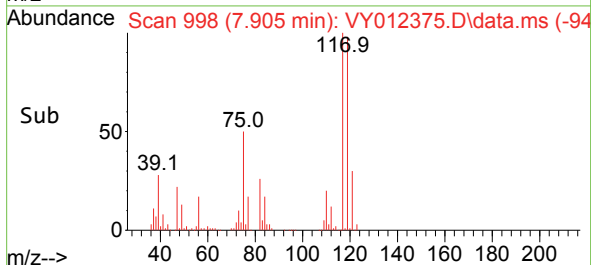
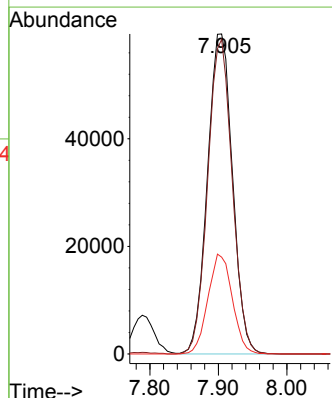
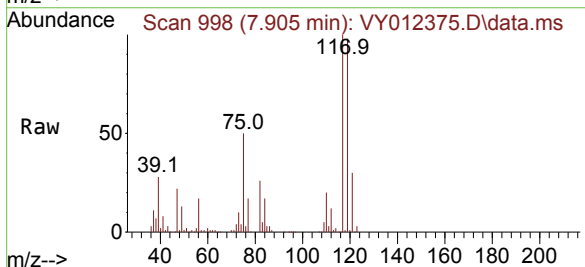
Tgt Ion: 117 Resp: 151190

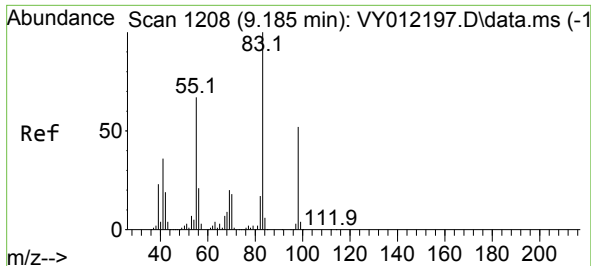
Ion Ratio Lower Upper

117 100

119 98.3 73.8 110.8

121 30.3 25.2 37.8

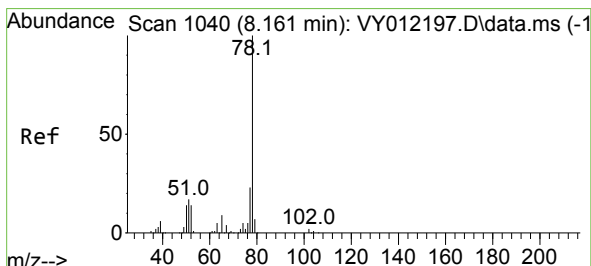
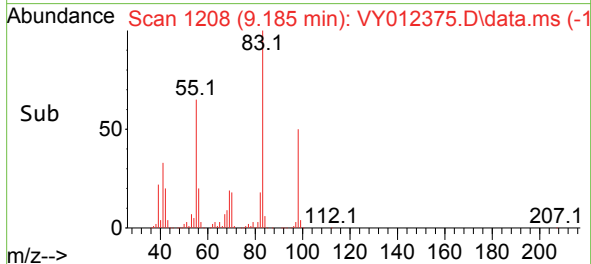
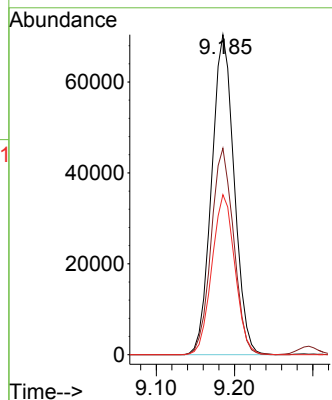
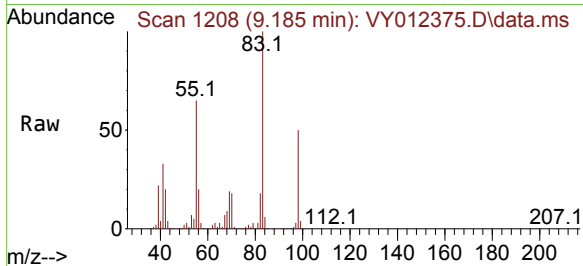




#39
Methylcyclohexane
Concen: 53.430 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

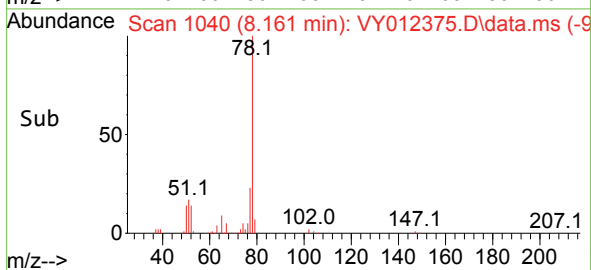
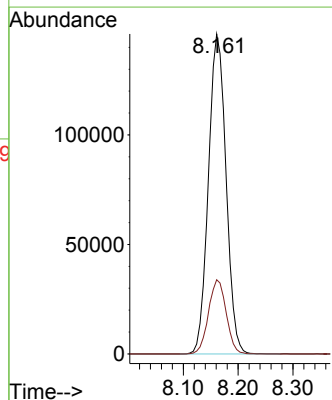
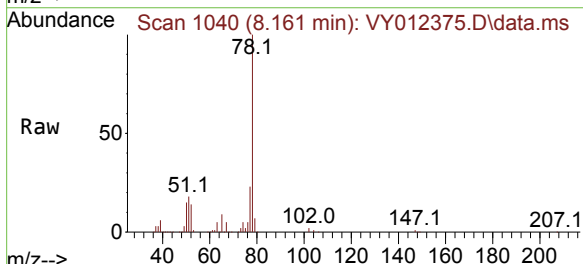
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

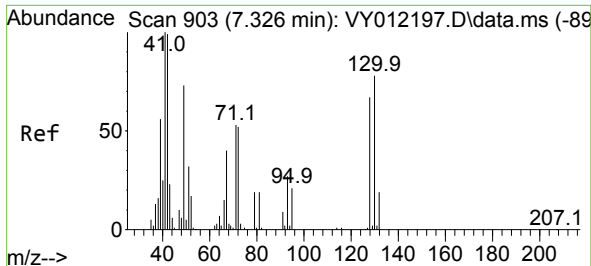
Tgt Ion: 83 Resp: 140769
Ion Ratio Lower Upper
83 100
55 64.5 58.2 87.2
98 50.0 38.6 58.0



#40
Benzene
Concen: 52.285 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion: 78 Resp: 325345
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8

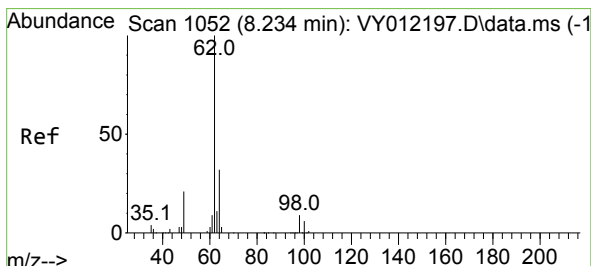
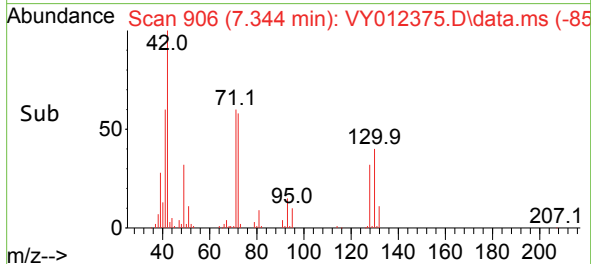
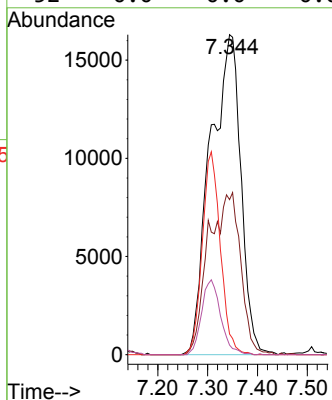
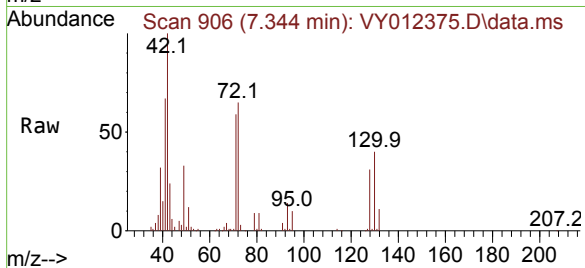




#41
Methacrylonitrile
Concen: 123.905 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

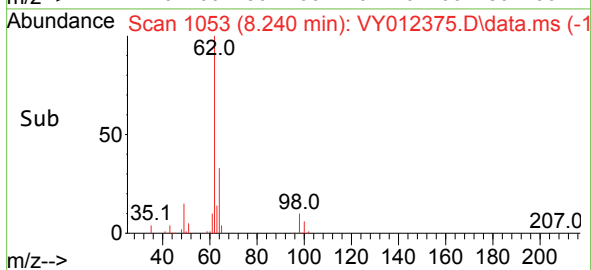
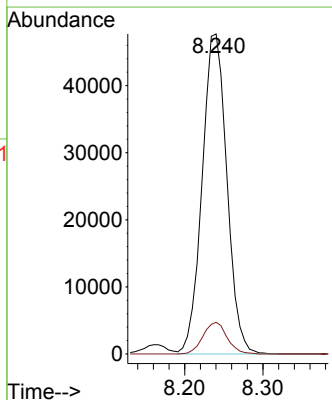
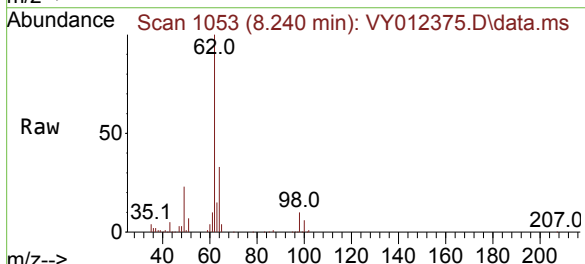
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

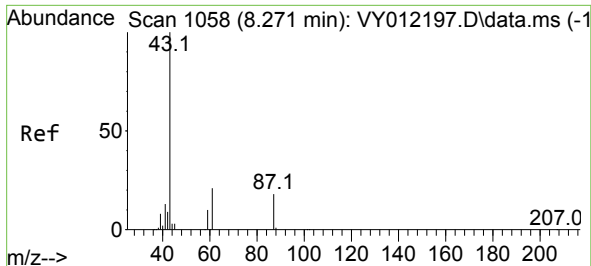
Tgt Ion:	41	Resp:	69220
Ion	Ratio	Lower	Upper
41	100		
39	29.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 52.892 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion:	62	Resp:	104779
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.6

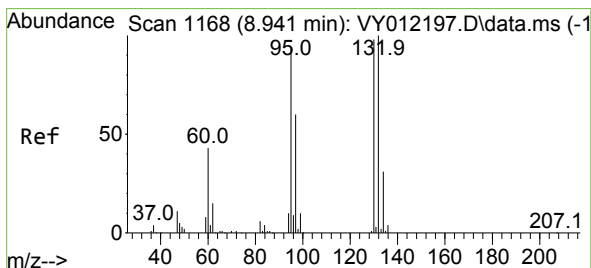
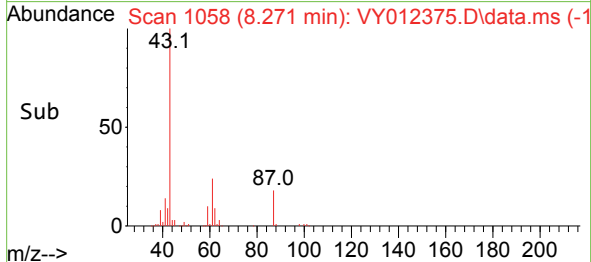
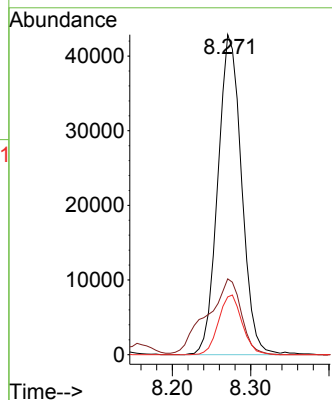
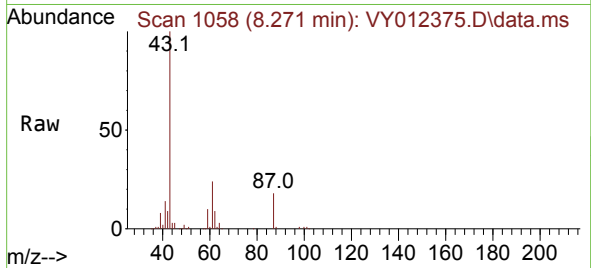




#43
Isopropyl Acetate
Concen: 50.953 ug/l
RT: 8.271 min Scan# 11058
Delta R.T. -0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

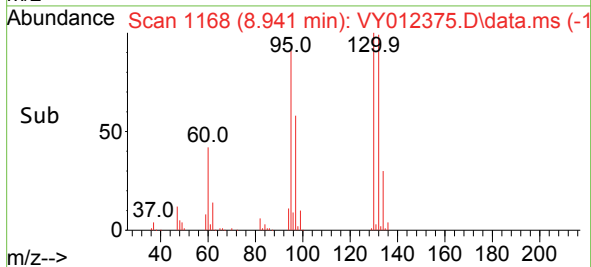
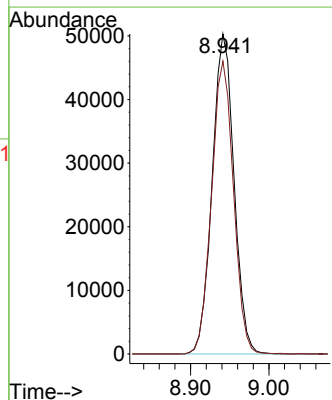
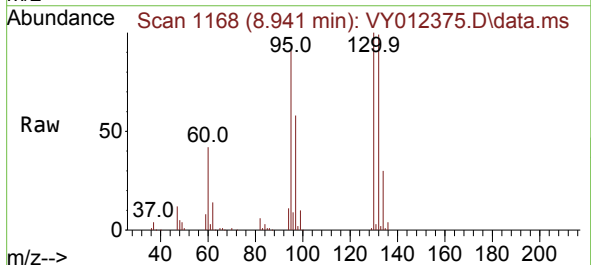
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

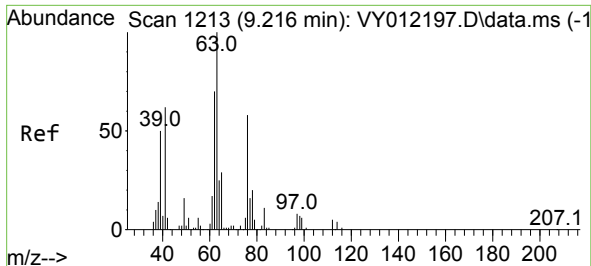
Tgt Ion: 43 Resp: 90097
Ion Ratio Lower Upper
43 100
61 34.1 24.4 36.6
87 18.6 11.4 17.2#



#44
Trichloroethene
Concen: 52.328 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion:130 Resp: 97324
Ion Ratio Lower Upper
130 100
95 91.5 0.0 190.6





#45

1,2-Dichloropropane

Concen: 52.731 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

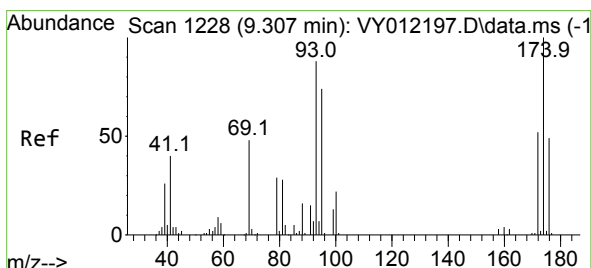
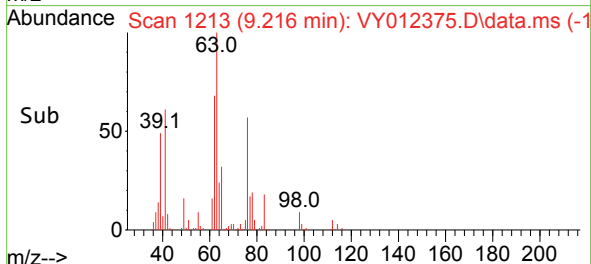
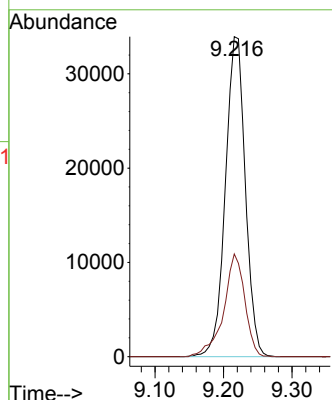
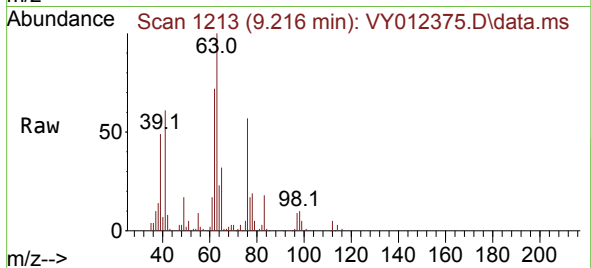
VSTDCCC050

Tgt Ion: 63 Resp: 68467

Ion Ratio Lower Upper

63 100

65 32.1 24.9 37.3



#46

Dibromomethane

Concen: 53.299 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

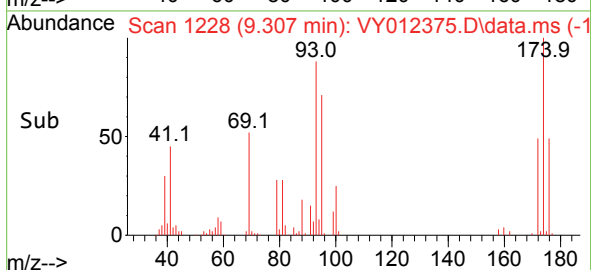
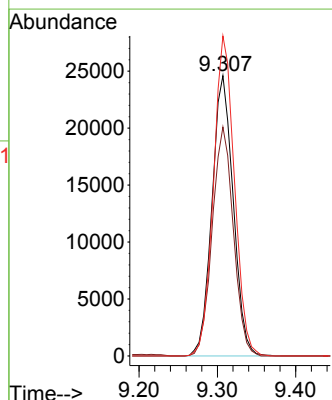
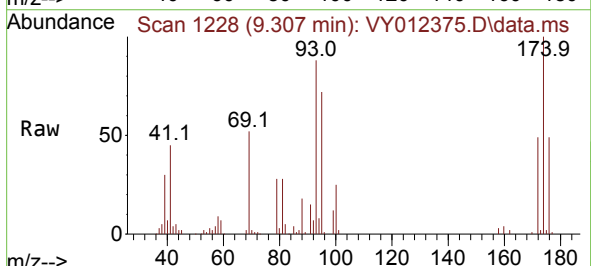
Tgt Ion: 93 Resp: 46329

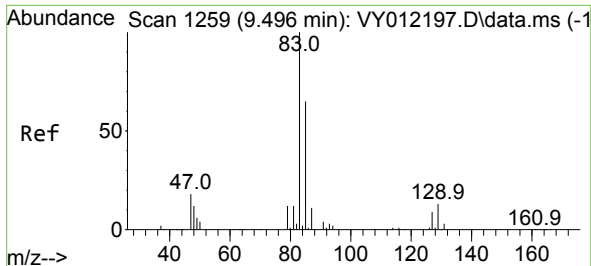
Ion Ratio Lower Upper

93 100

95 81.5 66.1 99.1

174 112.9 84.7 127.1

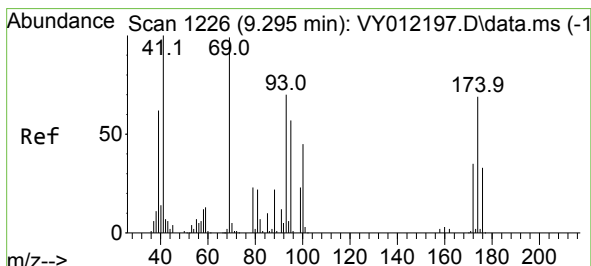
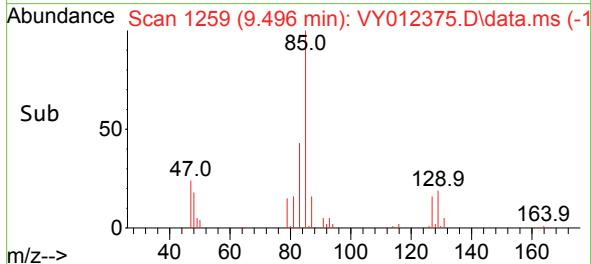
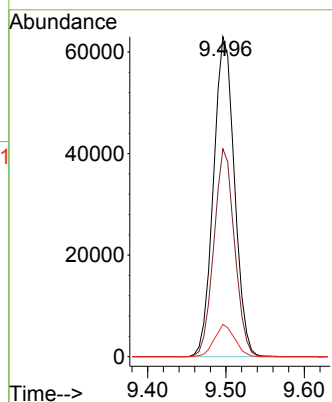
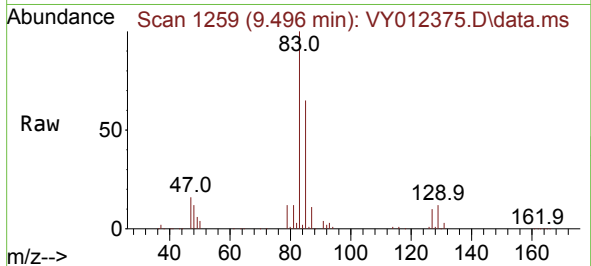




#47
Bromodichloromethane
Concen: 53.615 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

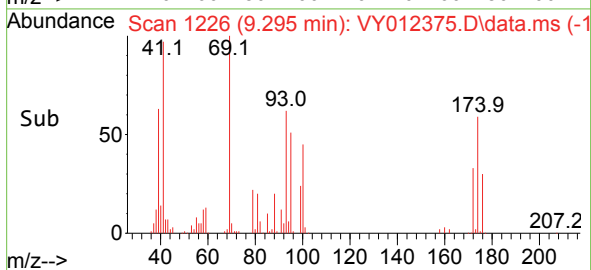
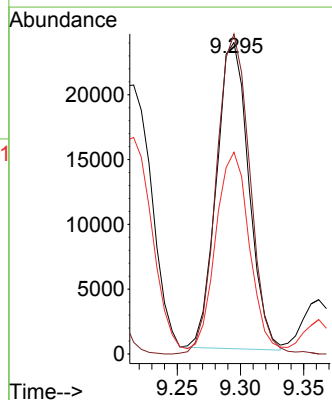
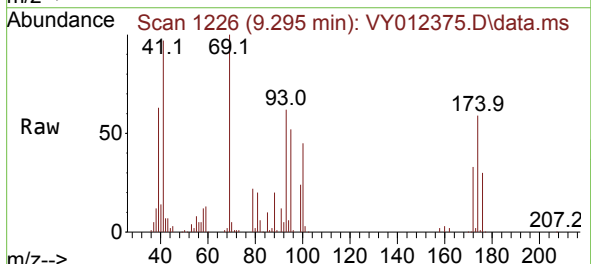
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

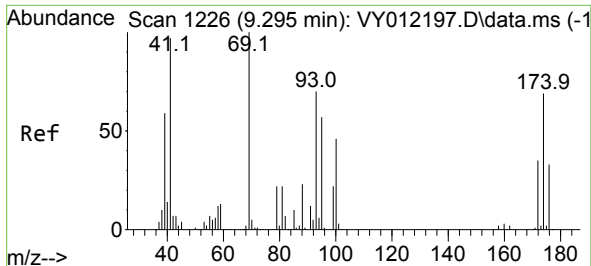
Tgt Ion: 83 Resp: 117313
Ion Ratio Lower Upper
83 100
85 65.0 52.0 78.0
127 10.1 7.3 10.9



#48
Methyl methacrylate
Concen: 51.725 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion: 41 Resp: 42142
Ion Ratio Lower Upper
41 100
69 108.1 74.2 111.2
39 66.0 46.3 69.5





#49

1,4-Dioxane

Concen: 1107.874 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

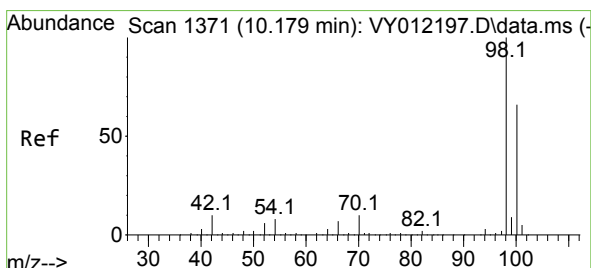
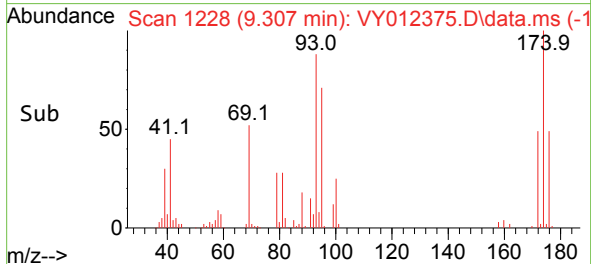
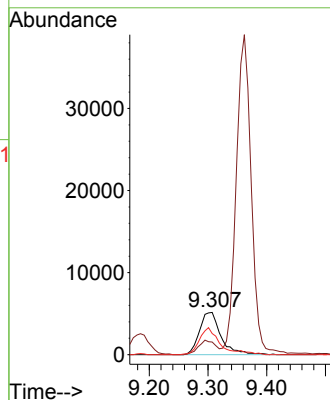
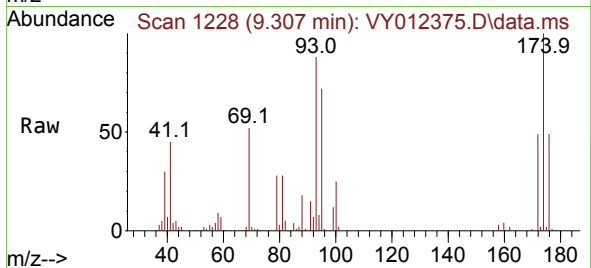
Tgt Ion: 88 Resp: 13122

Ion Ratio Lower Upper

88 100

43 27.0 26.2 39.2

58 61.7 54.3 81.5



#50

Toluene-d8

Concen: 48.269 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012375.D

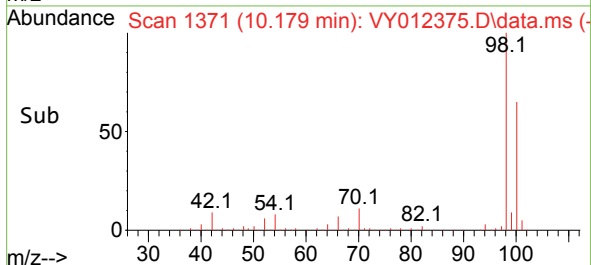
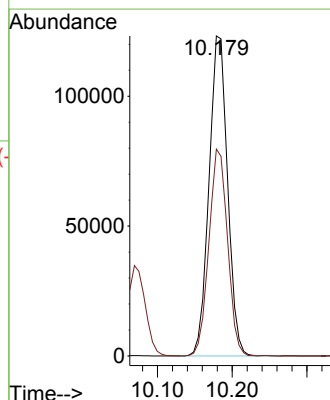
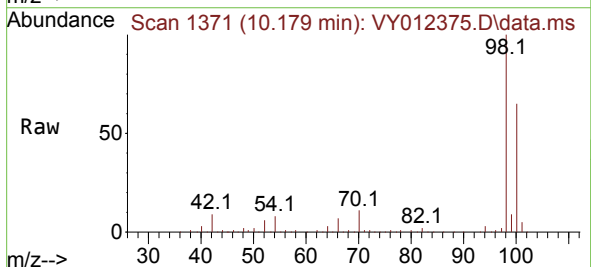
Acq: 27 Jan 2023 10:27

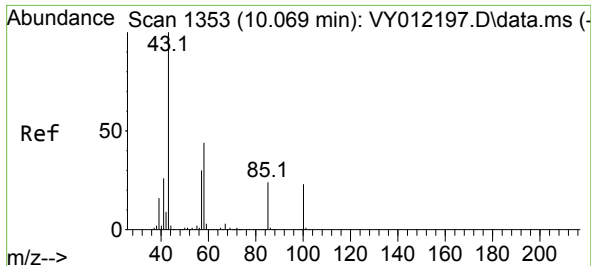
Tgt Ion: 98 Resp: 212815

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 265.244 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

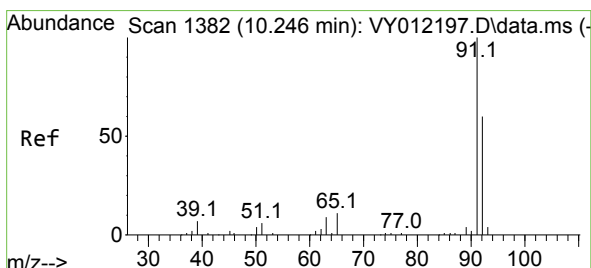
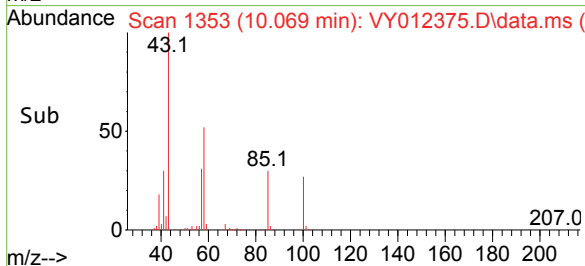
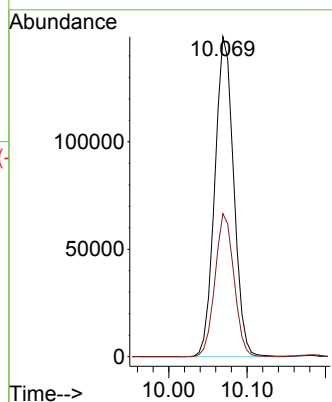
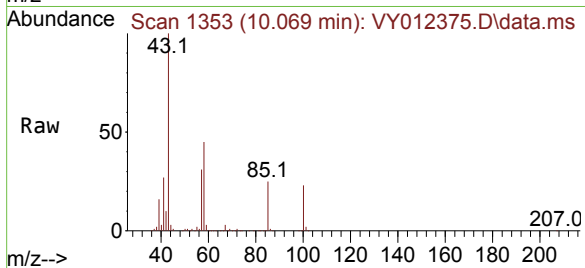
VSTDCCC050

Tgt Ion: 43 Resp: 250094

Ion Ratio Lower Upper

43 100

58 44.9 32.9 49.3



#52

Toluene

Concen: 53.147 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY012375.D

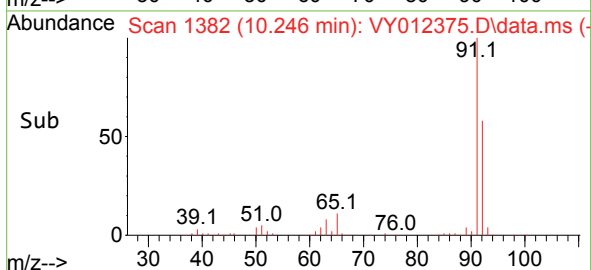
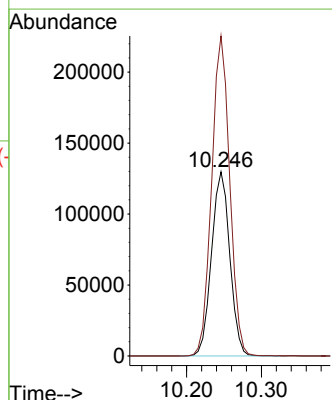
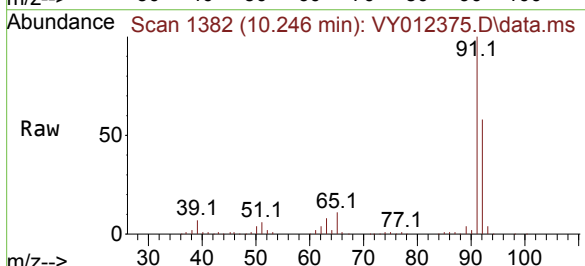
Acq: 27 Jan 2023 10:27

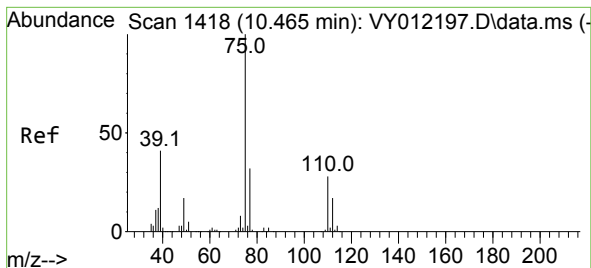
Tgt Ion: 92 Resp: 220196

Ion Ratio Lower Upper

92 100

91 172.0 137.4 206.0

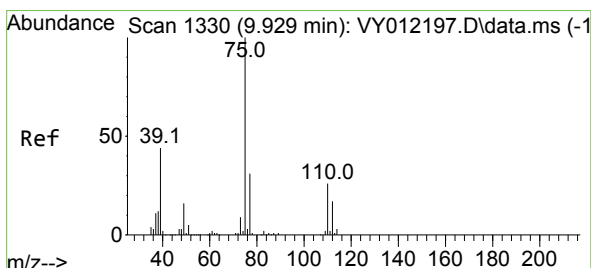
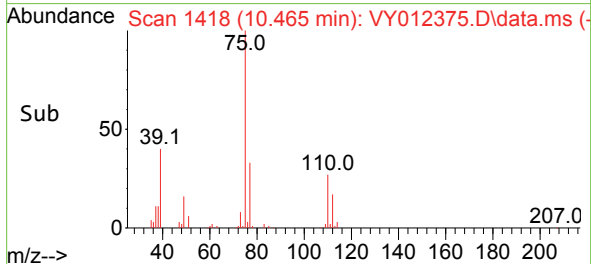
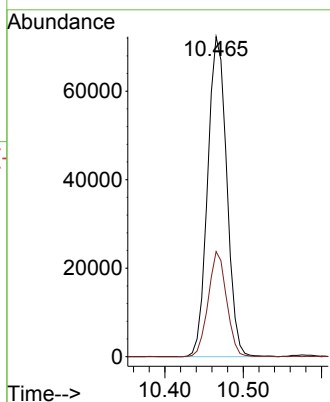
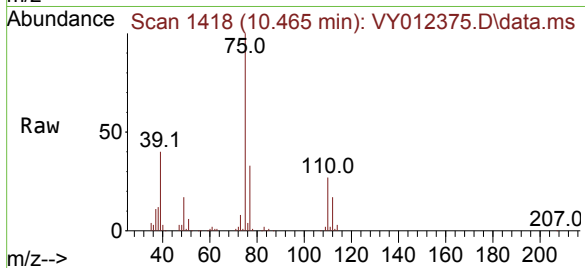




#53
t-1,3-Dichloropropene
Concen: 53.348 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

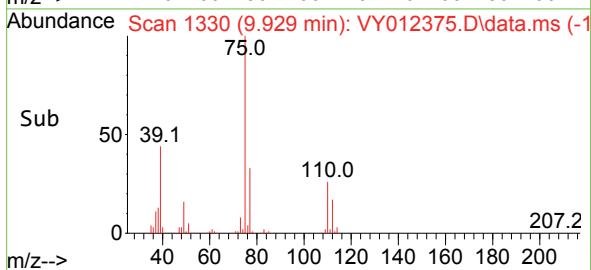
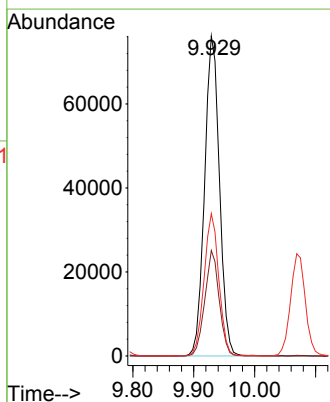
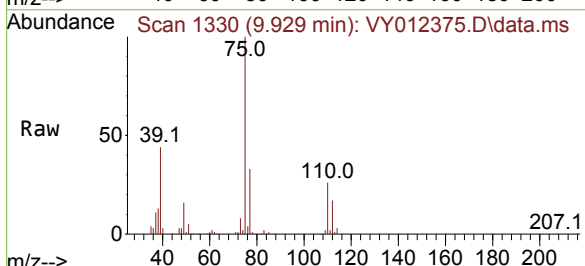
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

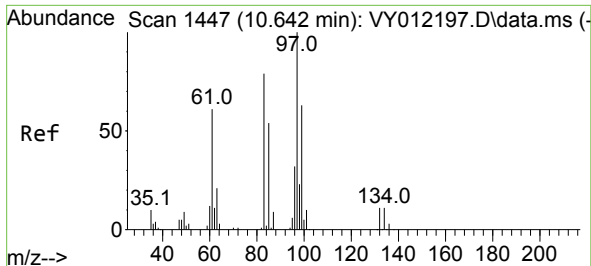
Tgt Ion: 75 Resp: 122098
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 52.513 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion: 75 Resp: 129433
Ion Ratio Lower Upper
75 100
77 33.0 25.9 38.9
39 44.4 34.6 52.0

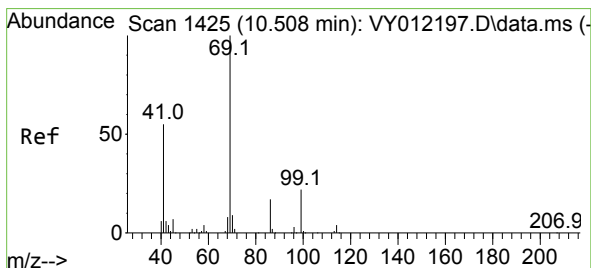
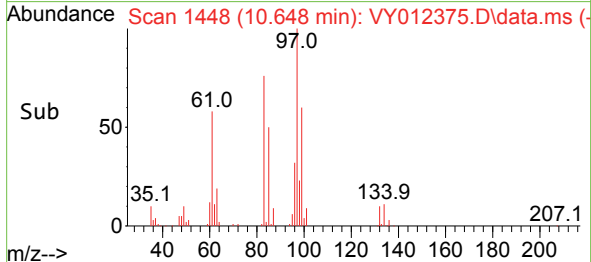
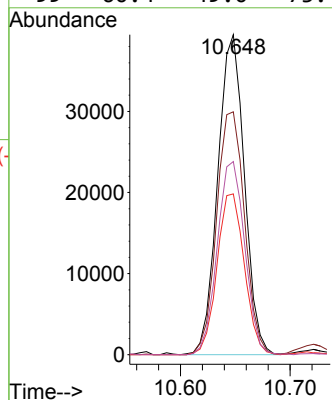
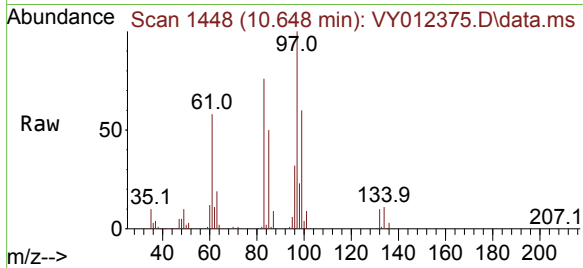




#55
1,1,2-Trichloroethane
Concen: 54.004 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

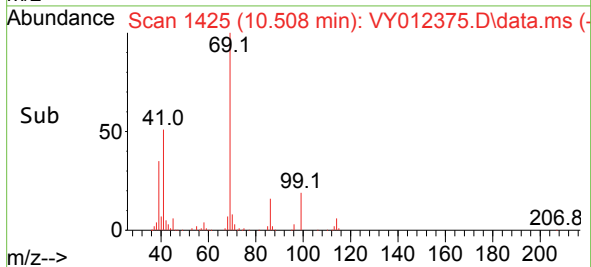
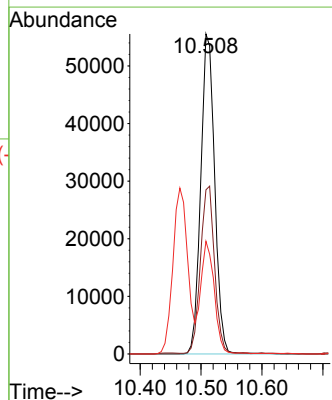
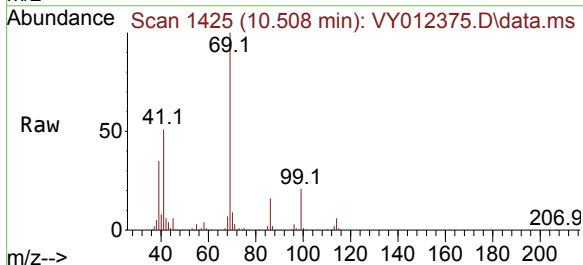
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

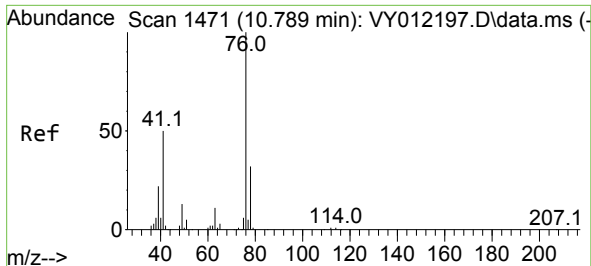
Tgt Ion: 97	Resp: 66694
Ion Ratio	Lower Upper
97 100	
83 75.9	67.7 101.5
85 50.3	43.8 65.8
99 60.4	49.0 73.4



#56
Ethyl methacrylate
Concen: 54.566 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion: 69	Resp: 88408
Ion Ratio	Lower Upper
69 100	
41 52.8	48.9 73.3
39 33.5	25.9 38.9





#57

1,3-Dichloropropane

Concen: 53.347 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

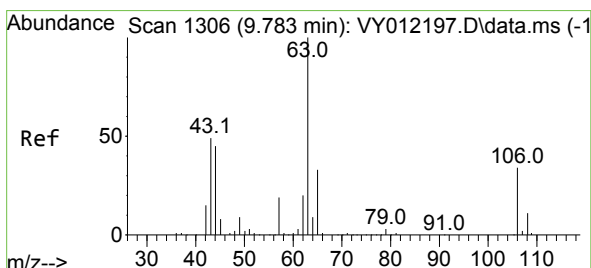
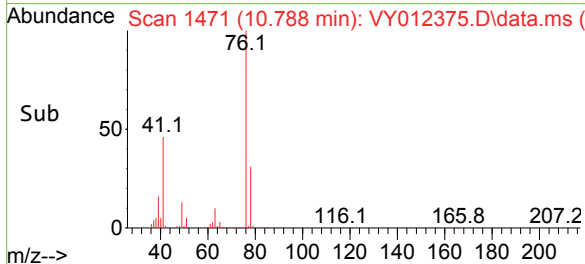
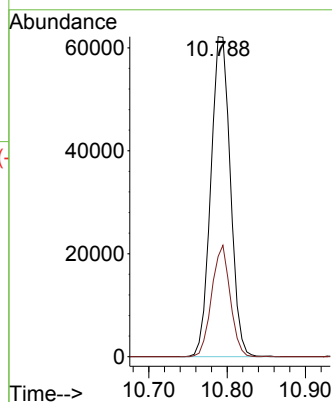
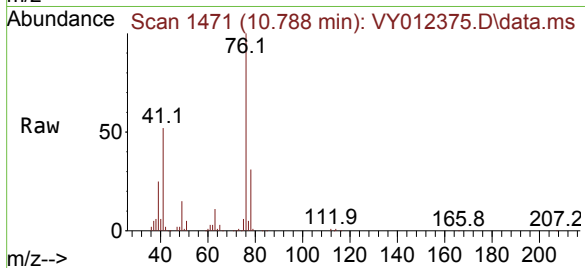
VSTDCCC050

Tgt Ion: 76 Resp: 107595

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 241.834 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012375.D

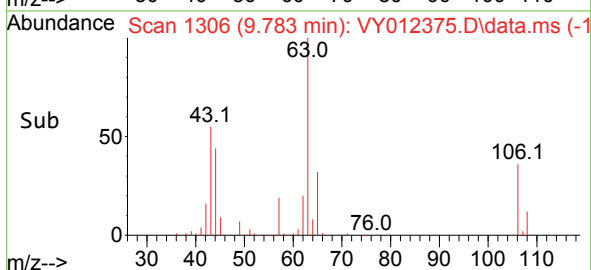
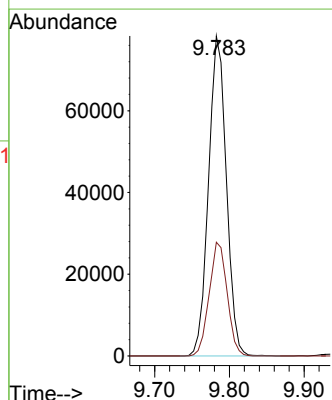
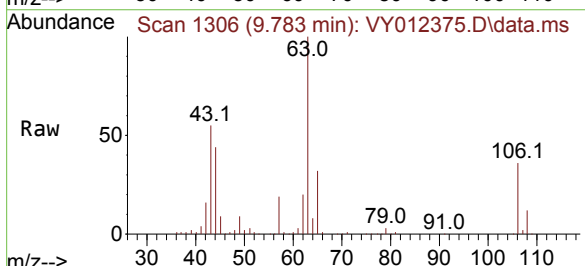
Acq: 27 Jan 2023 10:27

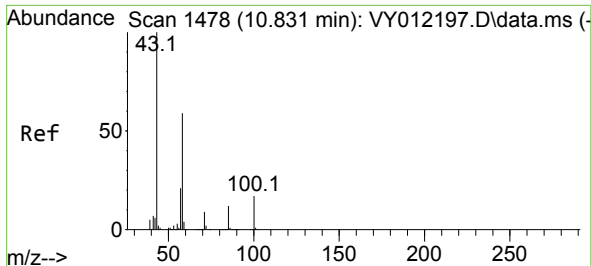
Tgt Ion: 63 Resp: 129648

Ion Ratio Lower Upper

63 100

106 35.7 23.2 34.8#





#59

2-Hexanone

Concen: 272.062 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

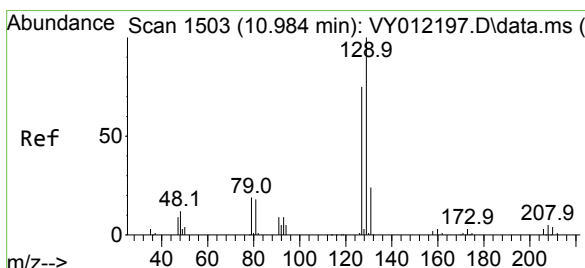
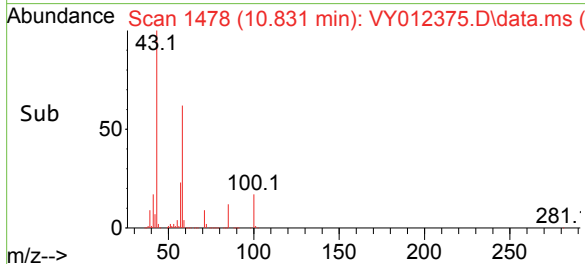
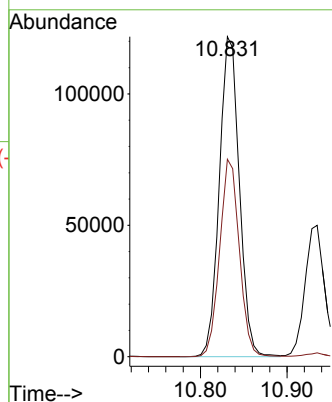
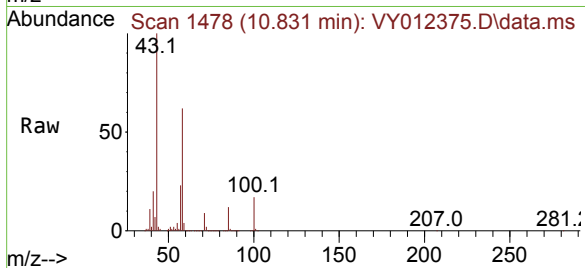
VSTDCCC050

Tgt Ion: 43 Resp: 195303

Ion Ratio Lower Upper

43 100

58 60.7 28.4 85.2



#60

Dibromochloromethane

Concen: 54.463 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY012375.D

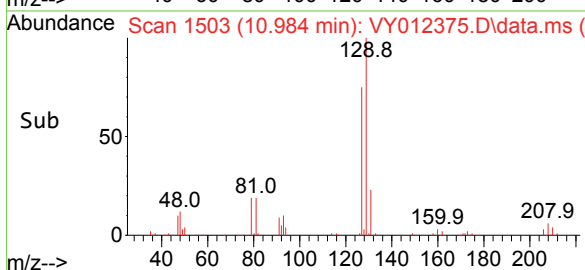
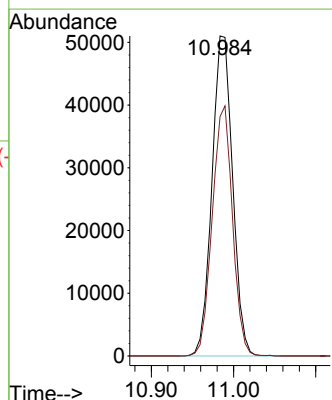
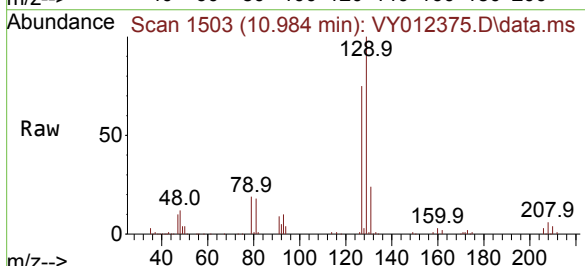
Acq: 27 Jan 2023 10:27

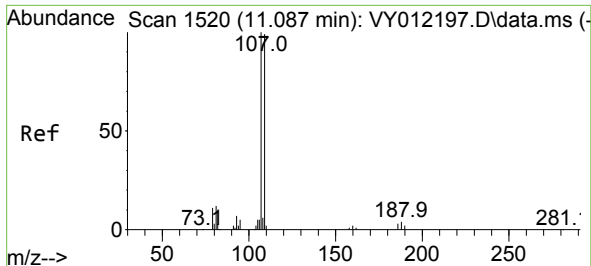
Tgt Ion: 129 Resp: 89210

Ion Ratio Lower Upper

129 100

127 76.7 38.9 116.6

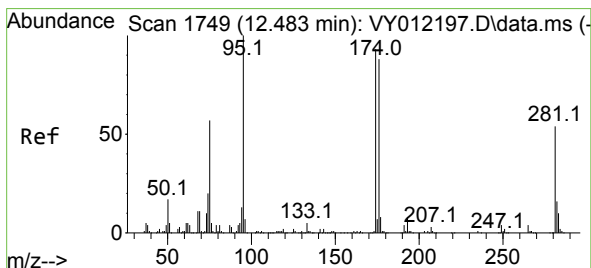
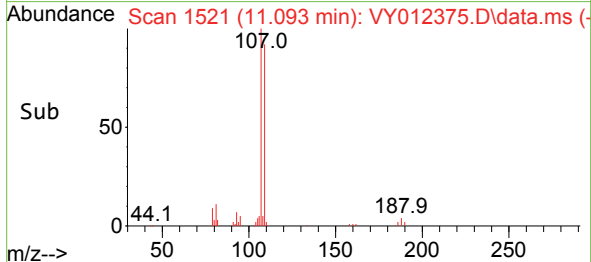
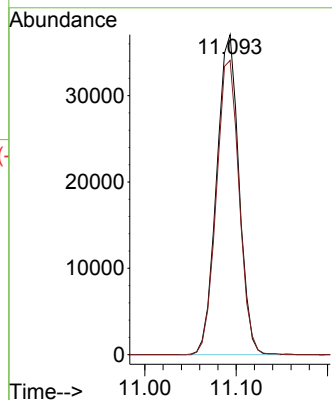
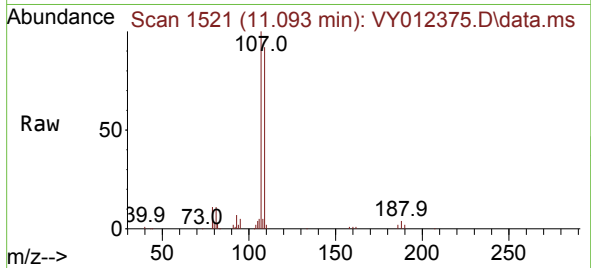




#61
1,2-Dibromoethane
Concen: 52.845 ug/l
RT: 11.093 min Scan# 1520
Delta R.T. 0.006 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

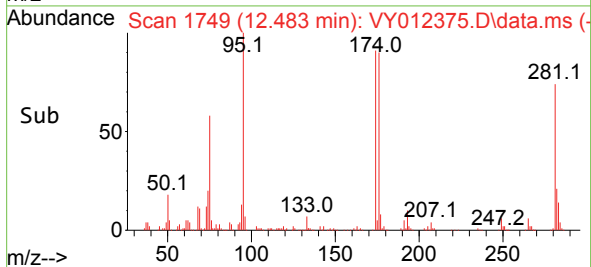
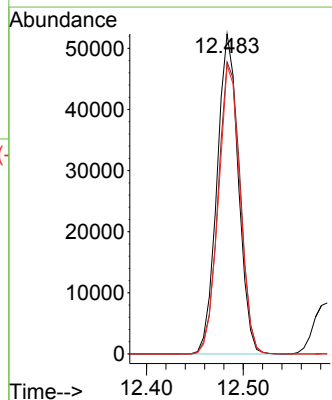
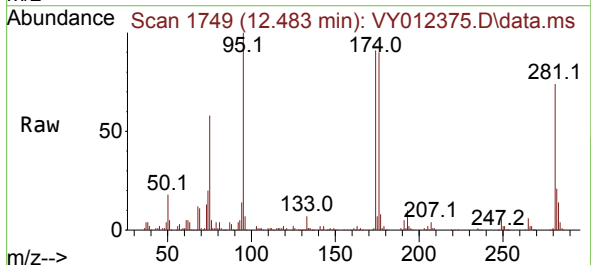
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

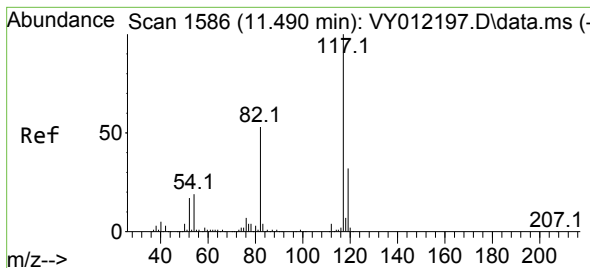
Tgt Ion:107 Resp: 62974
Ion Ratio Lower Upper
107 100
109 93.6 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 44.883 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion: 95 Resp: 80264
Ion Ratio Lower Upper
95 100
174 94.5 0.0 172.0
176 91.2 0.0 167.6

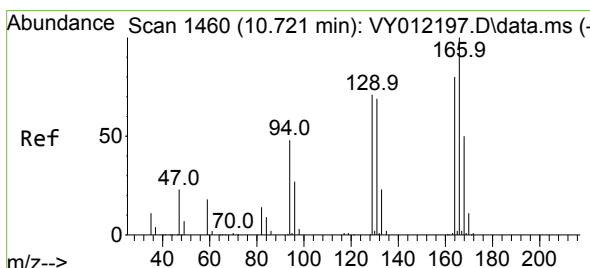
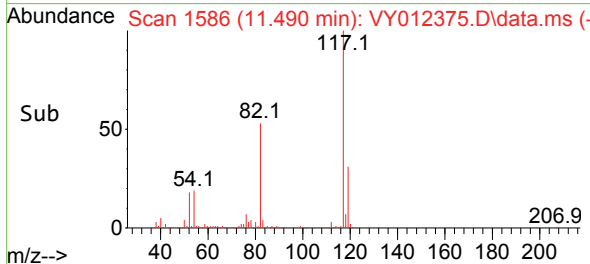
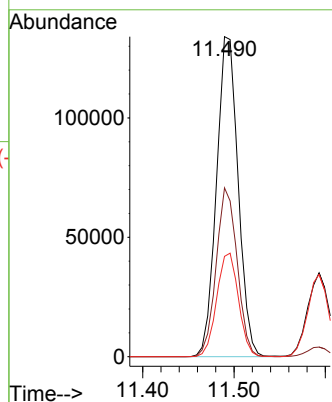
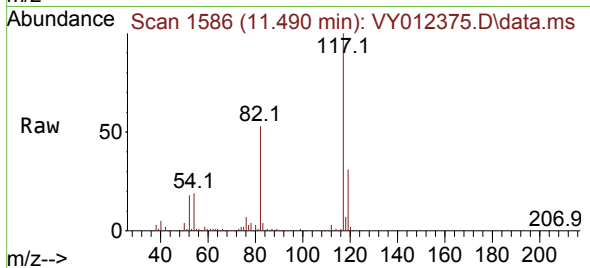




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

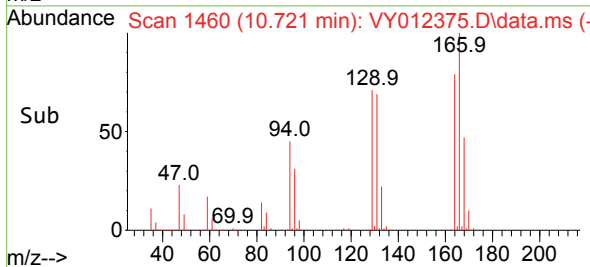
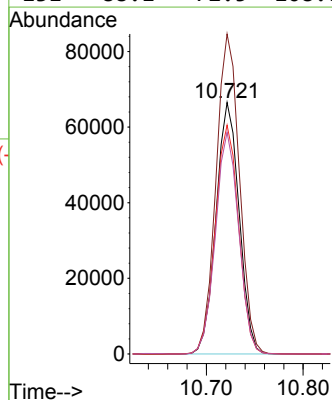
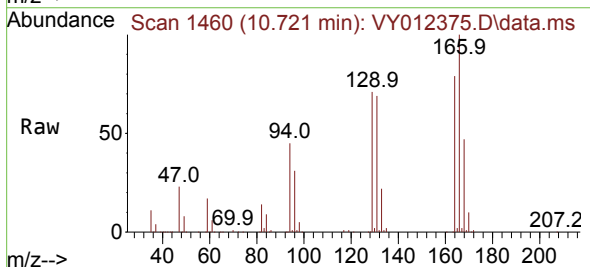
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

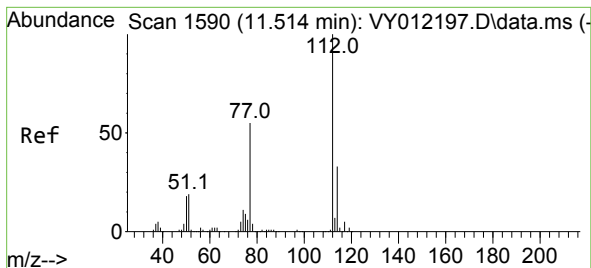
Tgt Ion:117 Resp: 220707
Ion Ratio Lower Upper
117 100
82 52.8 44.8 67.2
119 31.4 25.4 38.2



#64
Tetrachloroethene
Concen: 54.883 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion:164 Resp: 110530
Ion Ratio Lower Upper
164 100
166 127.2 102.3 153.5
129 91.0 77.2 115.8
131 88.1 72.5 108.7





#65

Chlorobenzene

Concen: 53.061 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

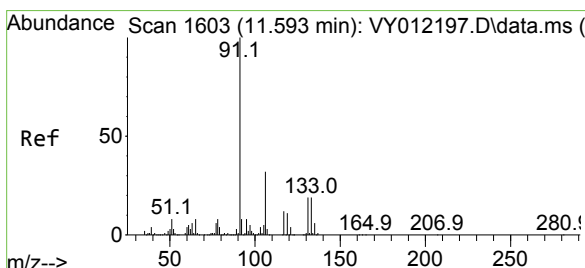
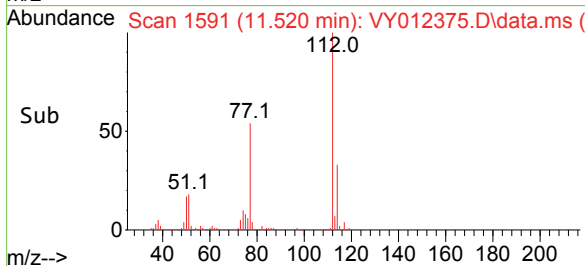
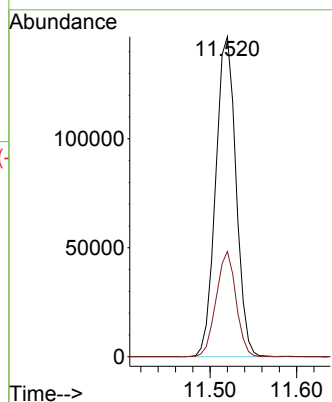
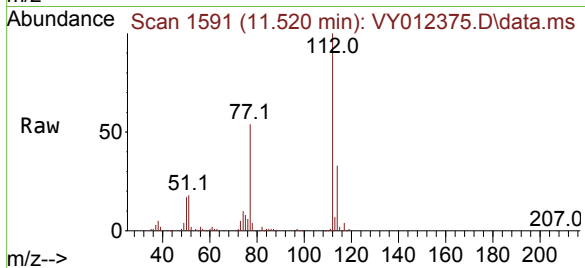
VSTDCCC050

Tgt Ion:112 Resp: 239612

Ion Ratio Lower Upper

112 100

114 32.9 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 54.601 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

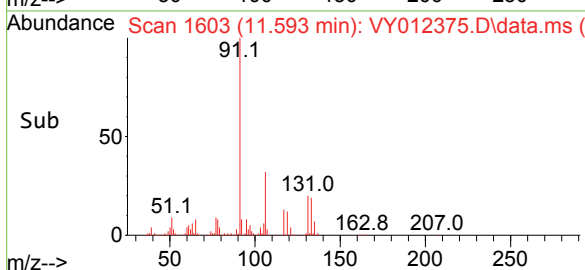
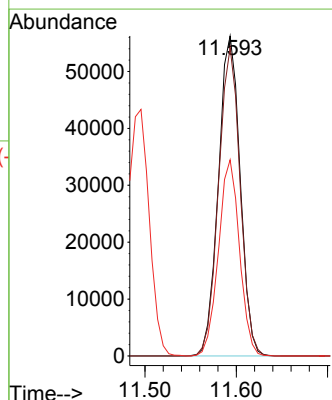
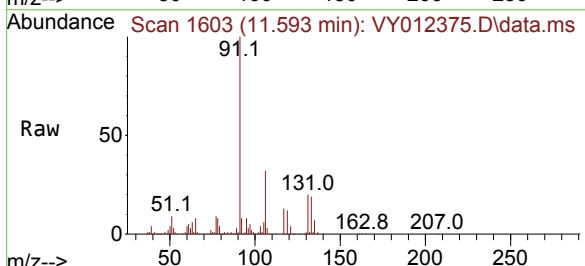
Tgt Ion:131 Resp: 93067

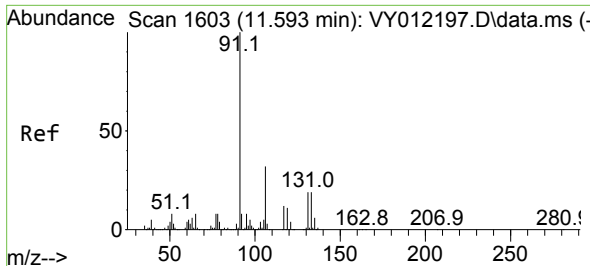
Ion Ratio Lower Upper

131 100

133 95.6 47.3 142.0

119 59.2 32.1 96.3





#67

Ethyl Benzene

Concen: 53.683 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

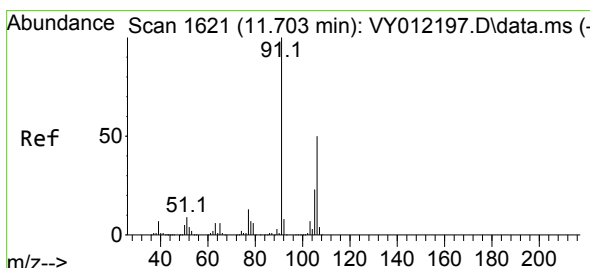
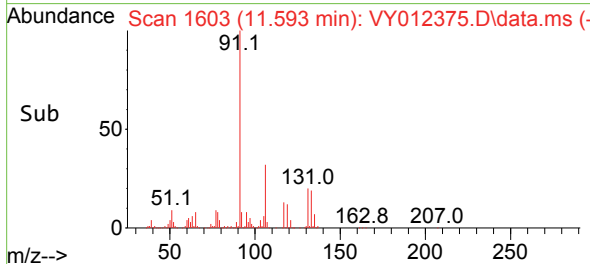
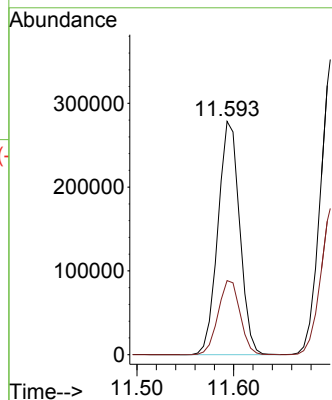
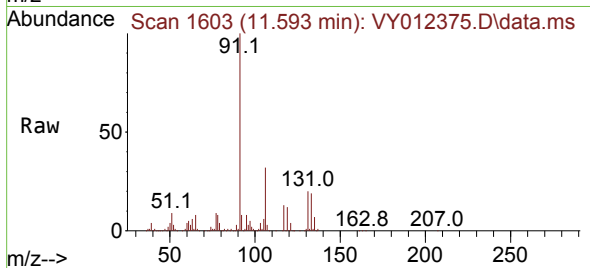
VSTDCCC050

Tgt Ion: 91 Resp: 433254

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.4



#68

m/p-Xylenes

Concen: 107.887 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012375.D

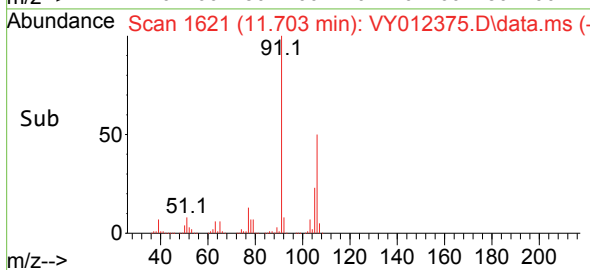
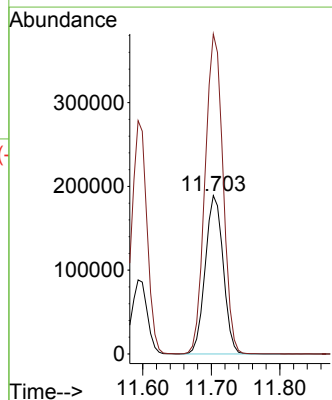
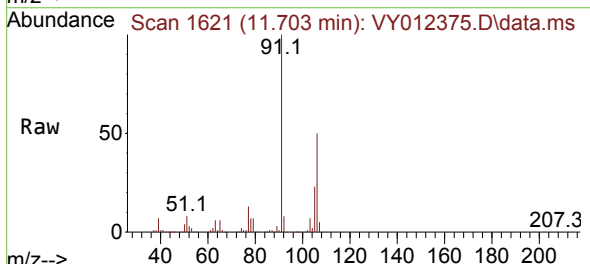
Acq: 27 Jan 2023 10:27

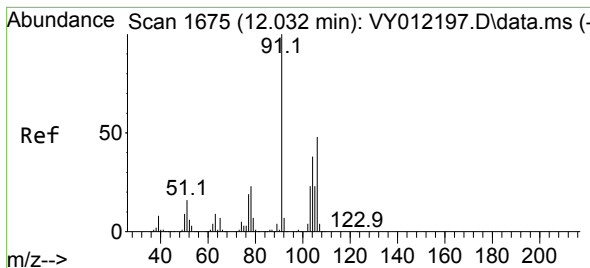
Tgt Ion:106 Resp: 344267

Ion Ratio Lower Upper

106 100

91 201.8 162.5 243.7





#69

o-Xylene

Concen: 53.943 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

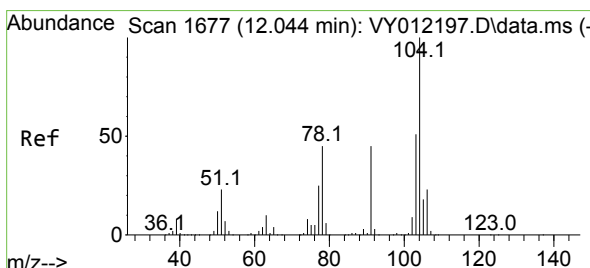
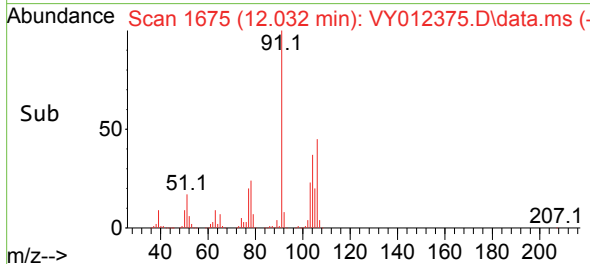
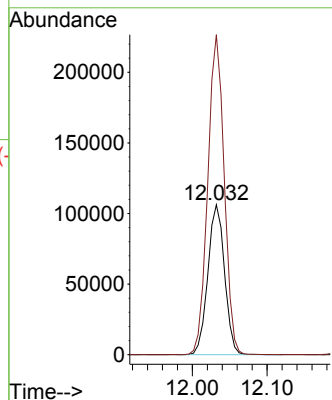
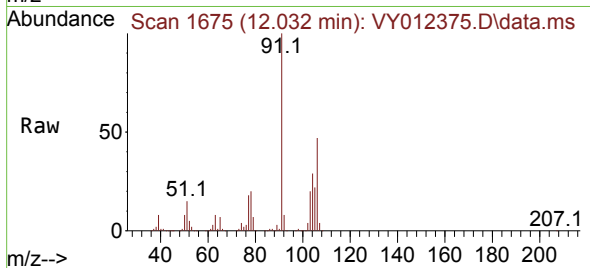
VSTDCCC050

Tgt Ion:106 Resp: 164410

Ion Ratio Lower Upper

106 100

91 210.5 107.5 322.4



#70

Styrene

Concen: 54.118 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

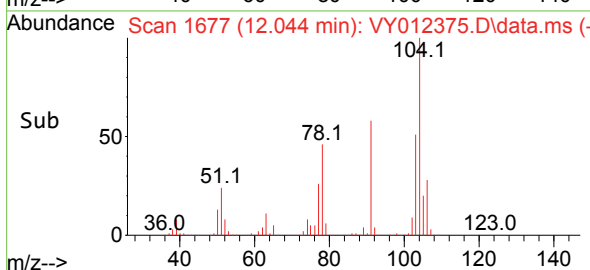
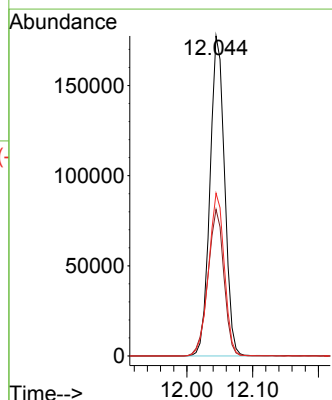
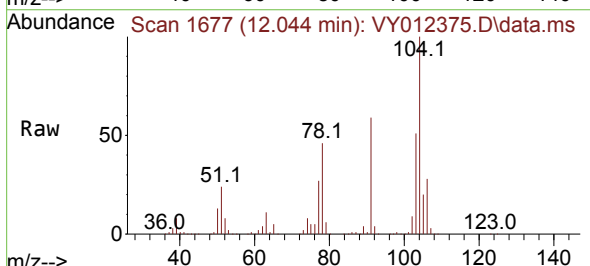
Tgt Ion:104 Resp: 275593

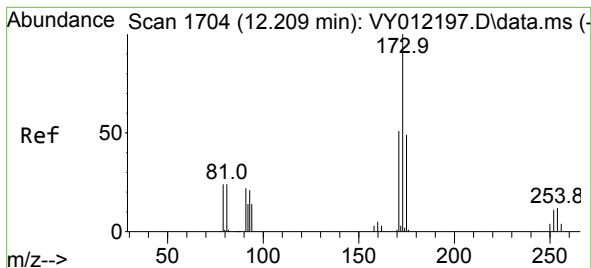
Ion Ratio Lower Upper

104 100

78 49.9 39.4 59.0

103 54.7 43.0 64.4





#71

Bromoform

Concen: 55.019 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

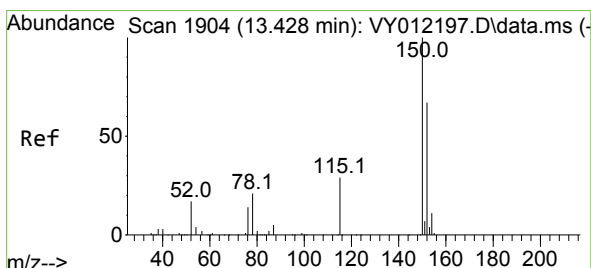
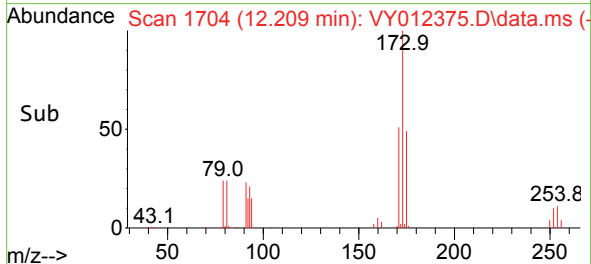
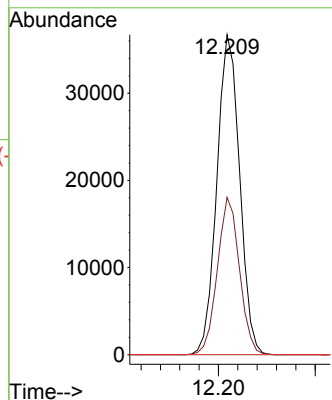
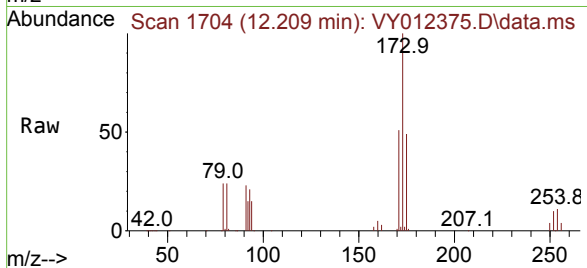
Tgt Ion:173 Resp: 59915

Ion Ratio Lower Upper

173 100

175 47.7 23.8 71.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

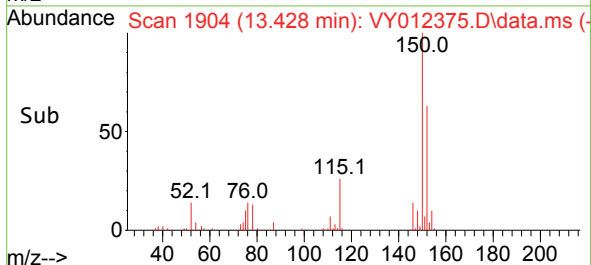
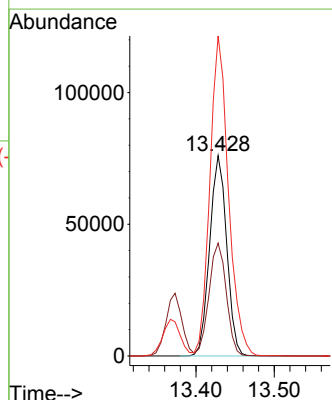
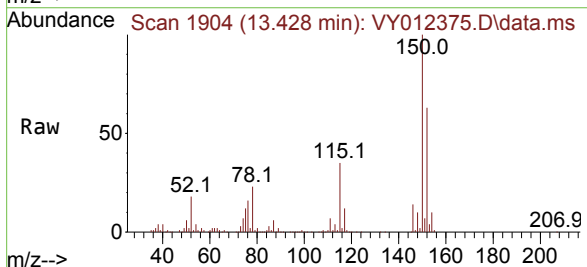
Tgt Ion:152 Resp: 115001

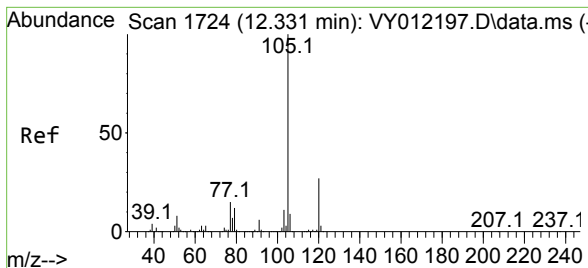
Ion Ratio Lower Upper

152 100

115 57.2 29.1 87.3

150 174.2 0.0 342.6





#73

Isopropylbenzene

Concen: 53.785 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

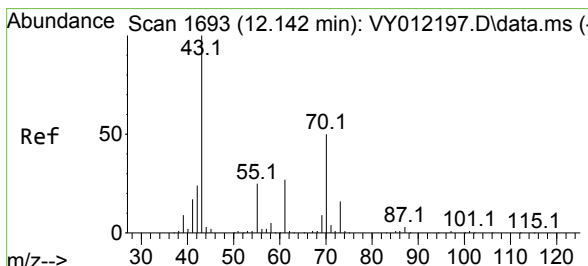
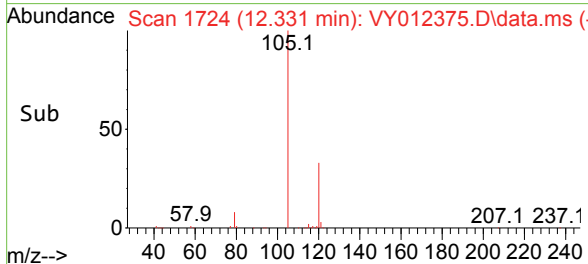
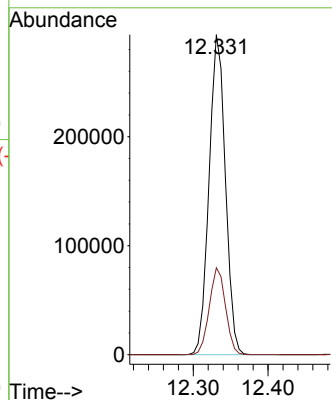
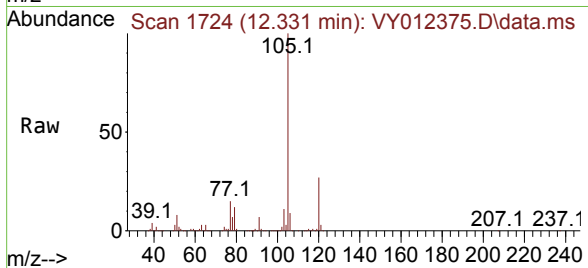
VSTDCCC050

Tgt Ion:105 Resp: 446020

Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.6



#74

N-ethyl acetate

Concen: 50.012 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Tgt Ion: 43 Resp: 81299

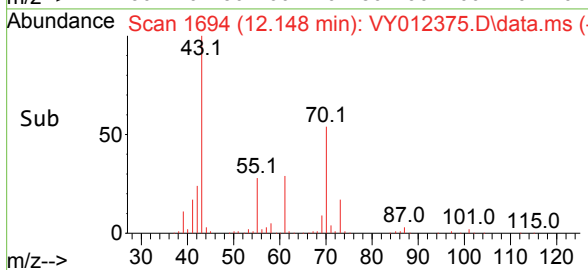
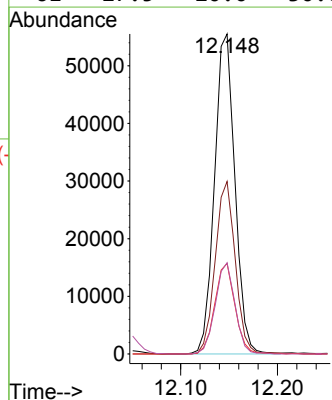
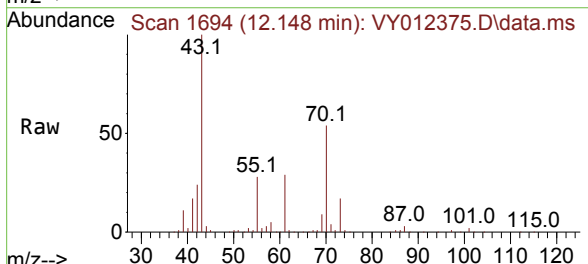
Ion Ratio Lower Upper

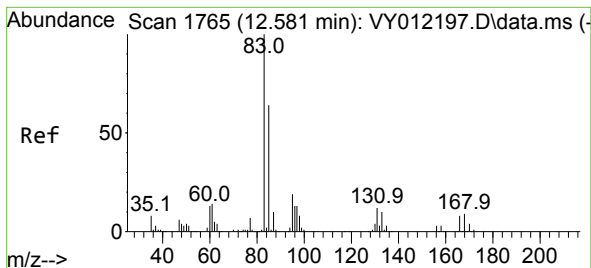
43 100

70 53.1 35.8 53.8

55 28.1 21.0 31.4

61 27.5 20.0 30.0

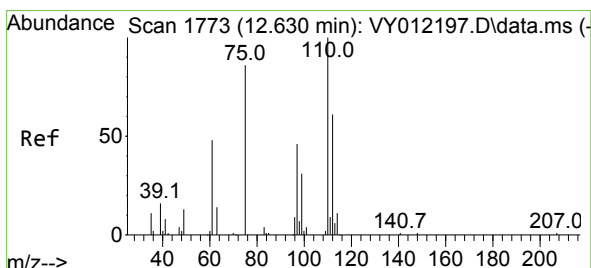
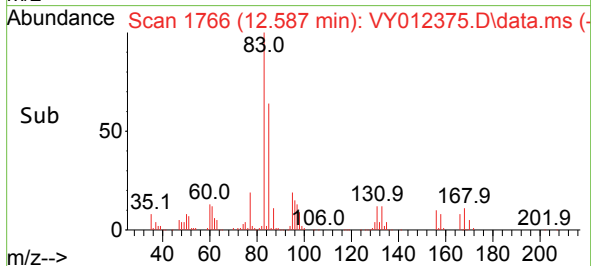
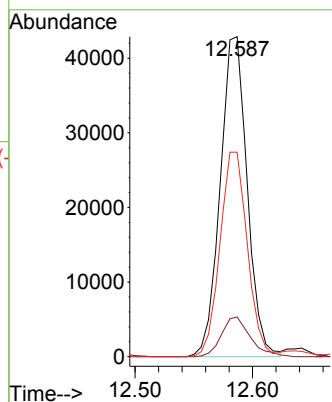
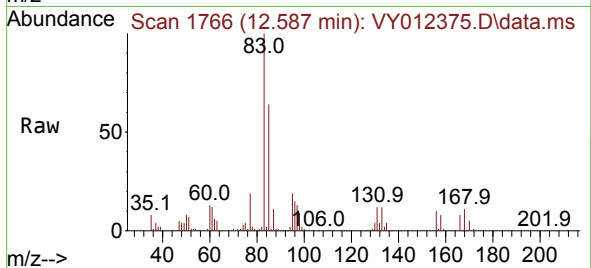




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.412 ug/l
 RT: 12.587 min Scan# 1766
 Delta R.T. 0.006 min
 Lab File: VY012375.D
 Acq: 27 Jan 2023 10:27

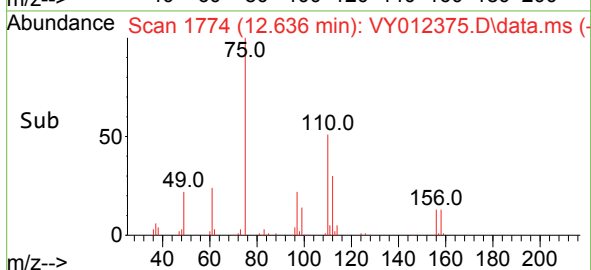
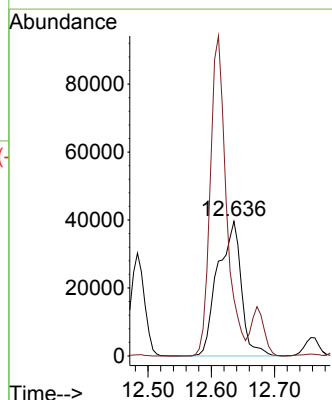
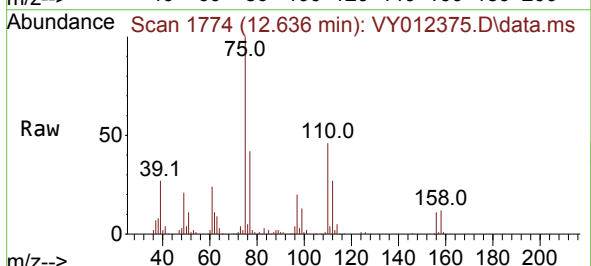
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

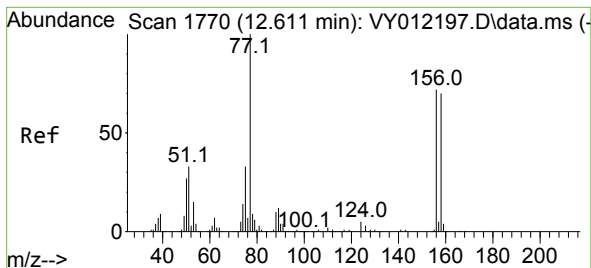
Tgt Ion: 83 Resp: 68460
 Ion Ratio Lower Upper
 83 100
 131 13.3 5.6 16.8
 85 65.0 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 96.927 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.006 min
 Lab File: VY012375.D
 Acq: 27 Jan 2023 10:27

Tgt Ion: 75 Resp: 102498
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.654 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

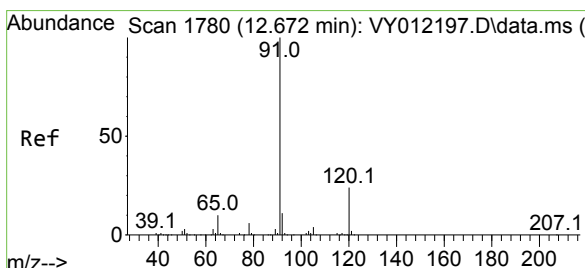
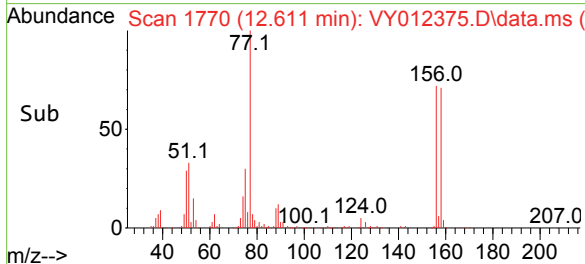
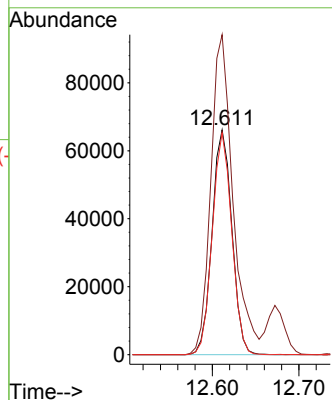
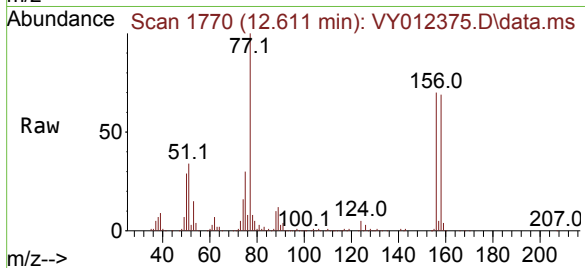
Tgt Ion:156 Resp: 105068

Ion Ratio Lower Upper

156 100

77 159.0 90.0 270.0

158 96.9 48.4 145.2



#78

n-propylbenzene

Concen: 52.798 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012375.D

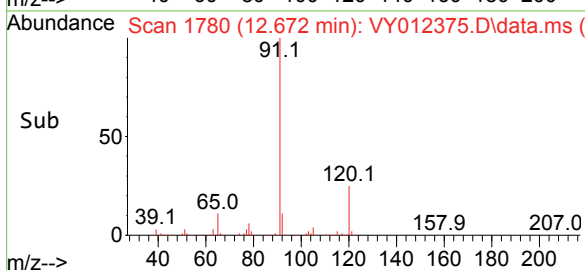
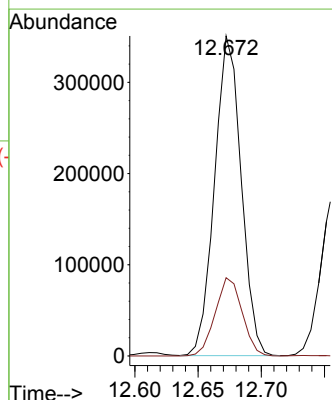
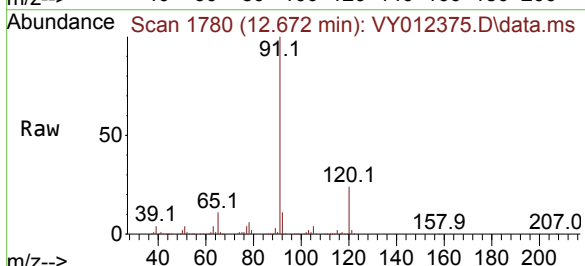
Acq: 27 Jan 2023 10:27

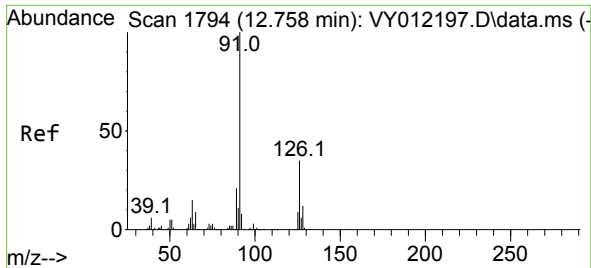
Tgt Ion: 91 Resp: 512344

Ion Ratio Lower Upper

91 100

120 24.8 11.8 35.4

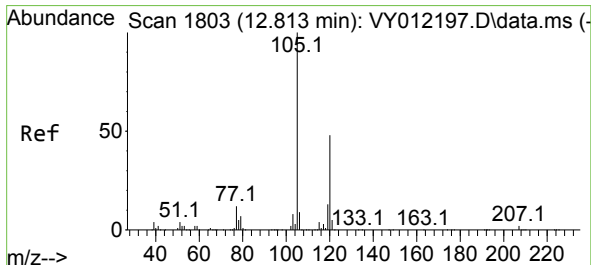
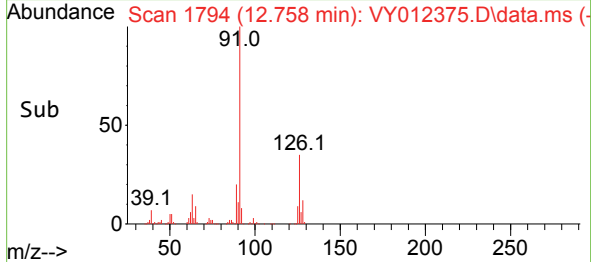
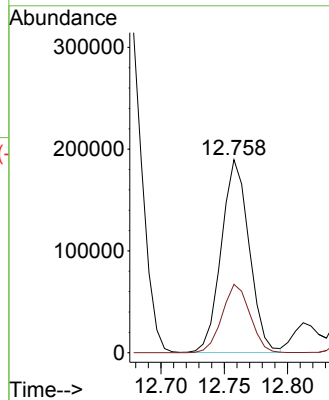
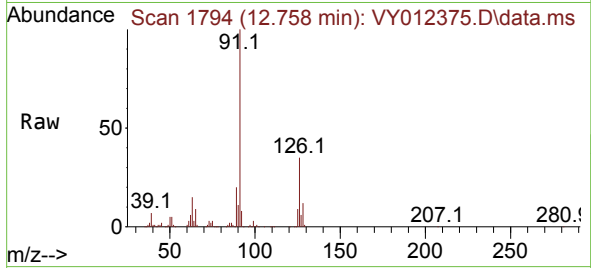




#79
2-Chlorotoluene
Concen: 52.949 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

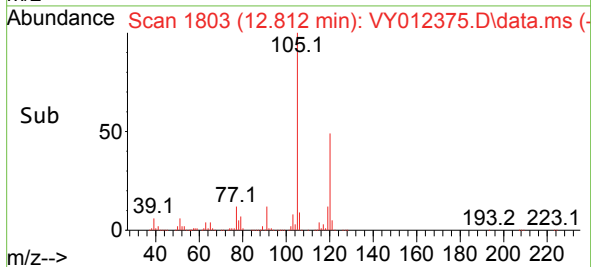
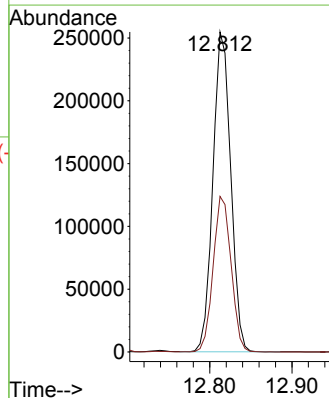
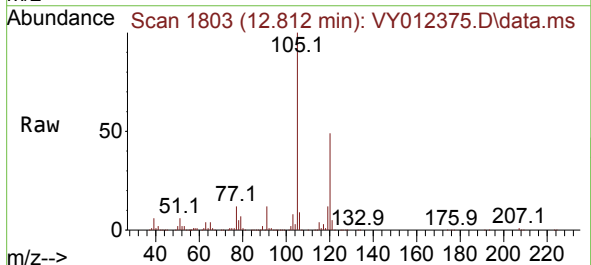
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

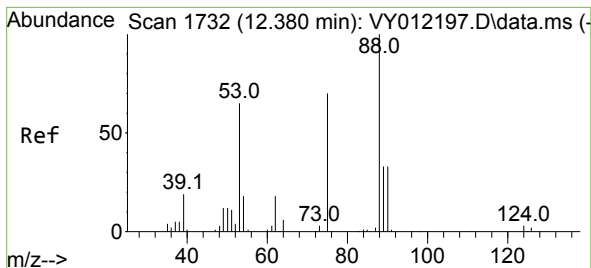
Tgt Ion: 91 Resp: 290508
Ion Ratio Lower Upper
91 100
126 35.5 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 53.165 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion: 105 Resp: 383259
Ion Ratio Lower Upper
105 100
120 49.0 24.2 72.6

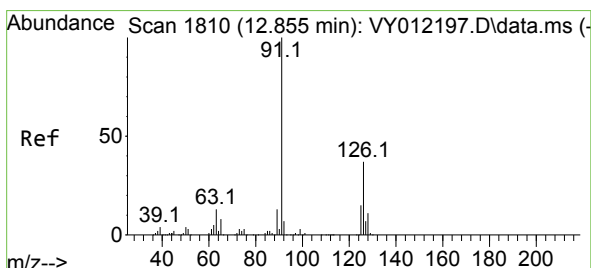
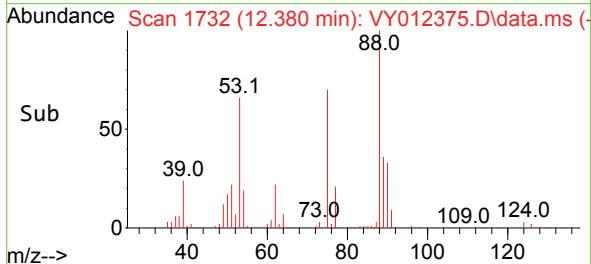
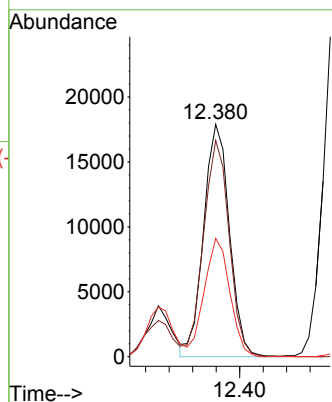
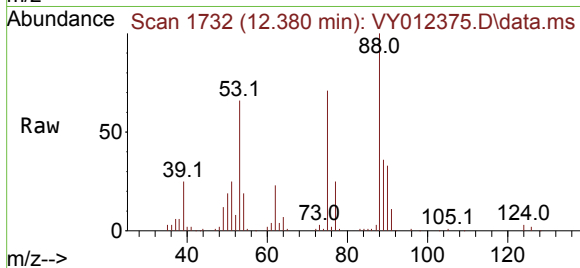




#81
trans-1,4-Dichloro-2-butene
Concen: 53.220 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

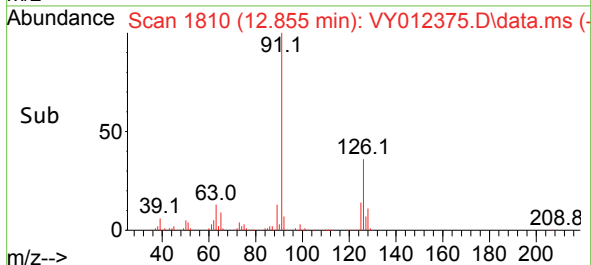
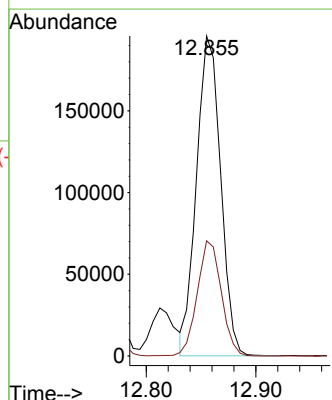
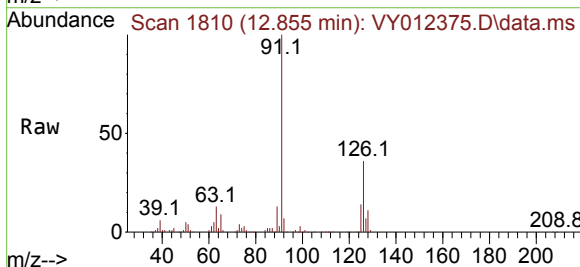
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

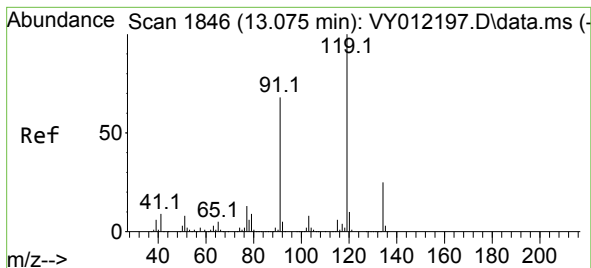
Tgt Ion: 75 Resp: 27314
Ion Ratio Lower Upper
75 100
53 92.6 72.5 108.7
89 50.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 52.011 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion: 91 Resp: 299746
Ion Ratio Lower Upper
91 100
126 35.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 53.581 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

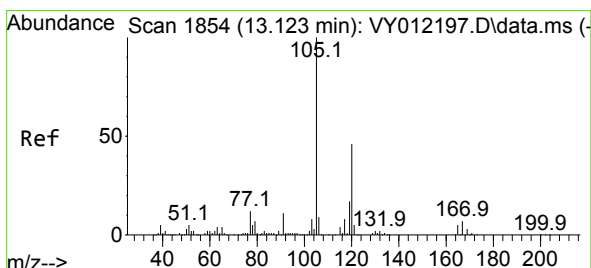
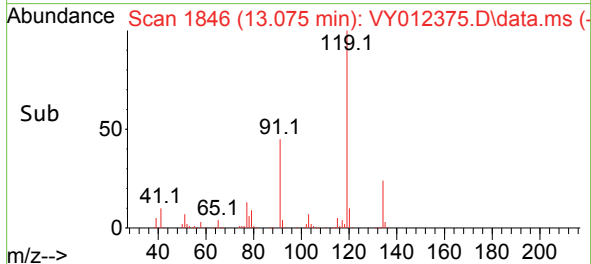
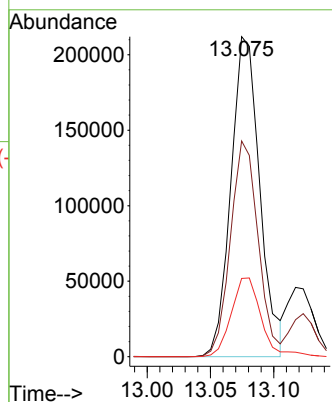
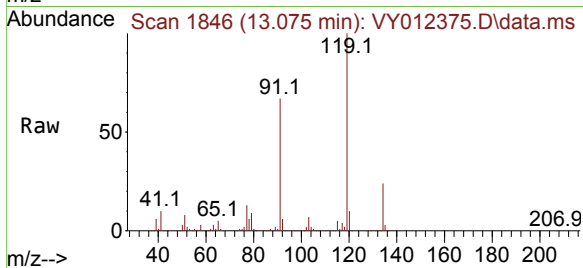
Tgt Ion:119 Resp: 336650

Ion Ratio Lower Upper

119 100

91 64.8 32.3 96.8

134 25.6 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 53.675 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012375.D

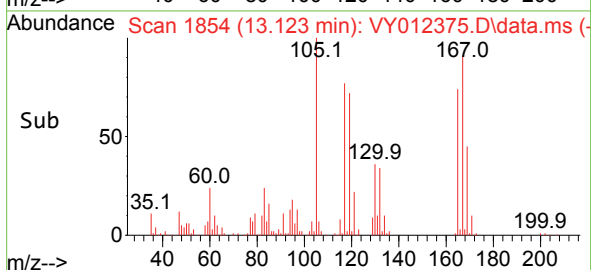
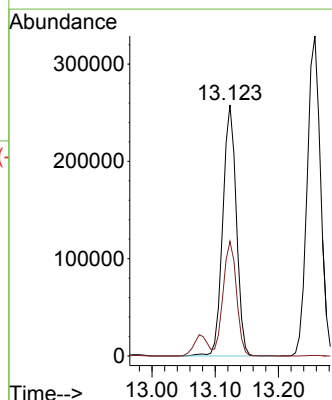
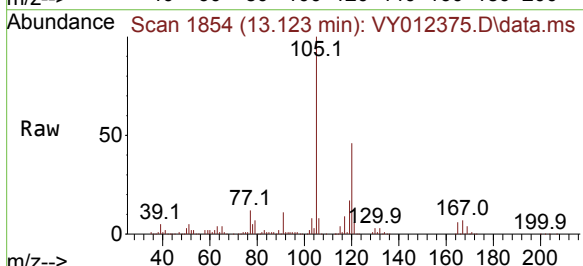
Acq: 27 Jan 2023 10:27

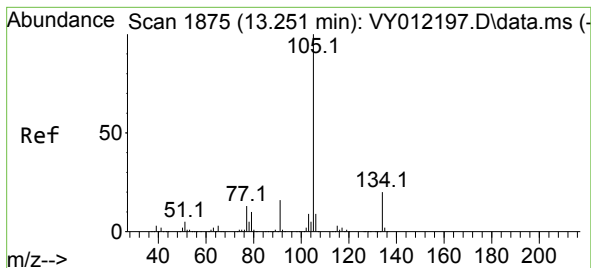
Tgt Ion:105 Resp: 381589

Ion Ratio Lower Upper

105 100

120 45.5 22.9 68.7





#85

sec-Butylbenzene

Concen: 53.665 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.007 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

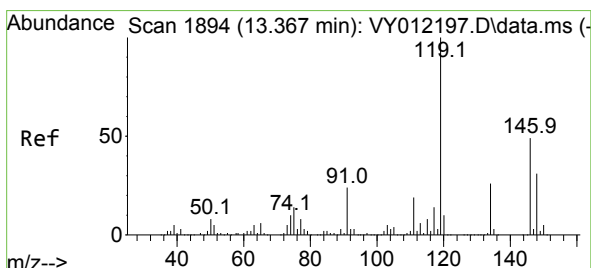
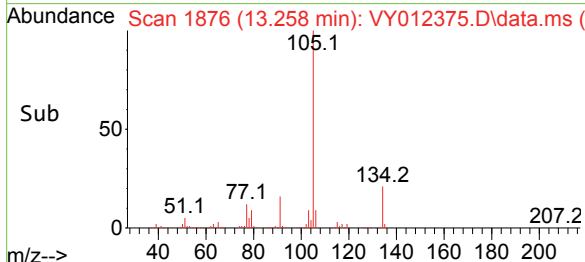
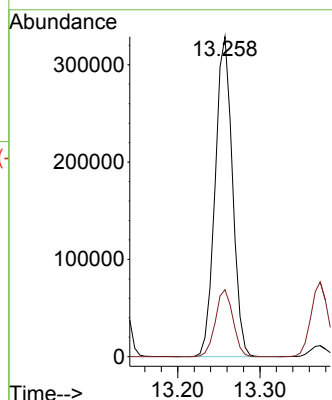
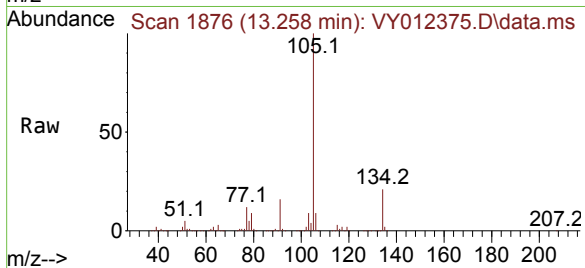
VSTDCCC050

Tgt Ion:105 Resp: 480063

Ion Ratio Lower Upper

105 100

134 21.3 10.1 30.3



#86

p-Isopropyltoluene

Concen: 53.576 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

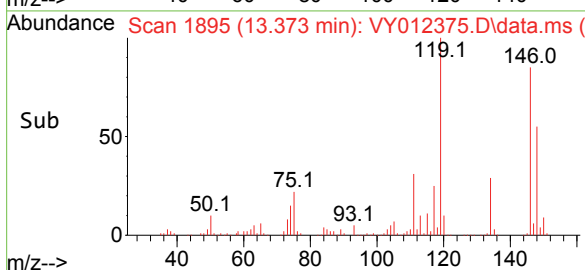
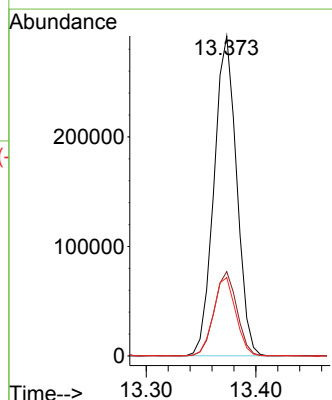
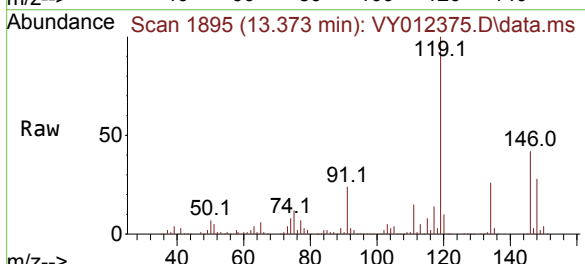
Tgt Ion:119 Resp: 418734

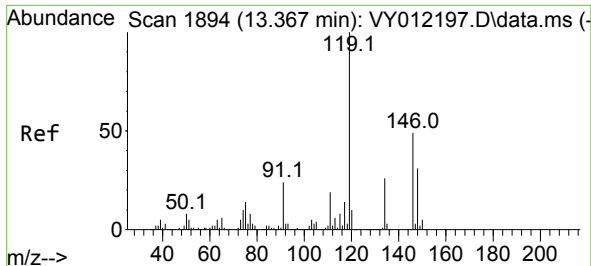
Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

91 24.3 11.9 35.9

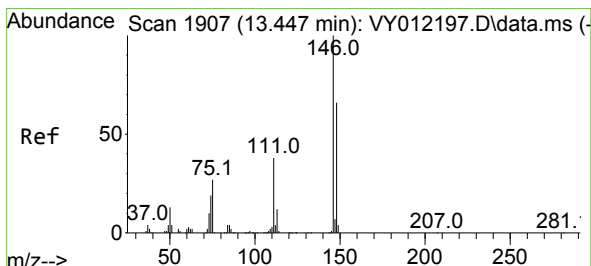
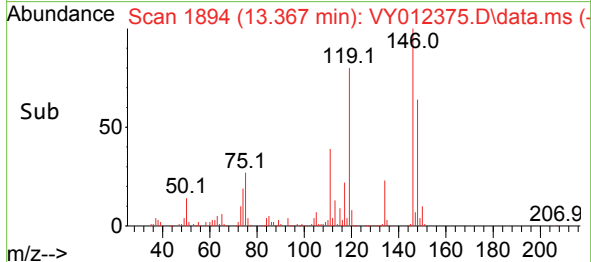
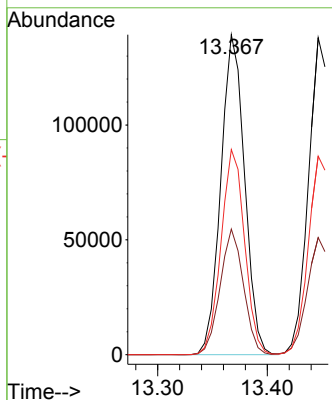
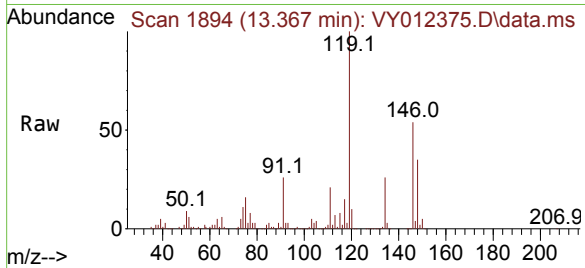




#87
 1,3-Dichlorobenzene
 Concen: 52.940 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012375.D
 Acq: 27 Jan 2023 10:27

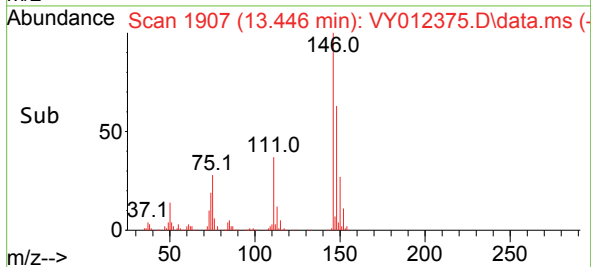
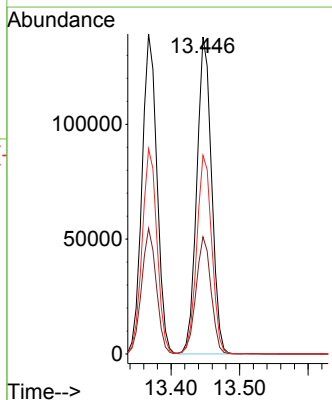
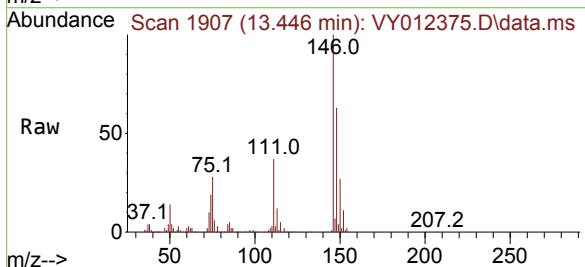
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

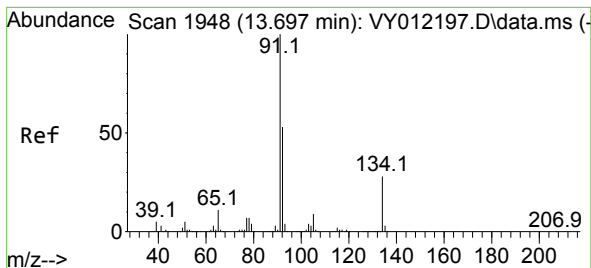
Tgt Ion:146 Resp: 210103
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.7 59.0
 148 63.6 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 52.324 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.001 min
 Lab File: VY012375.D
 Acq: 27 Jan 2023 10:27

Tgt Ion:146 Resp: 207092
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.6 58.7
 148 63.9 31.9 95.7





#89

n-Butylbenzene

Concen: 52.807 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

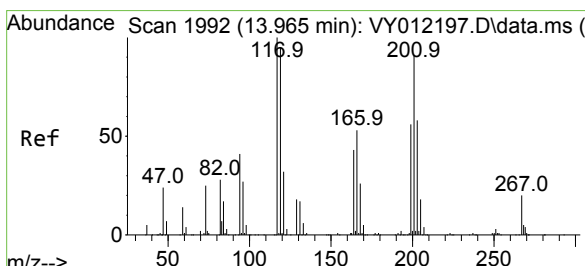
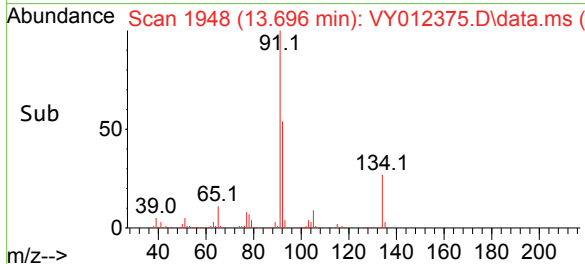
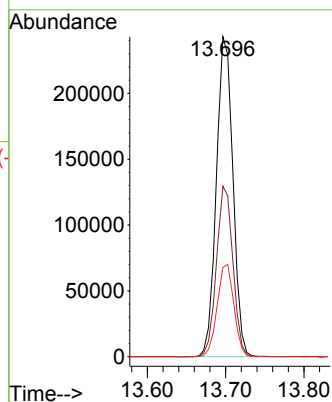
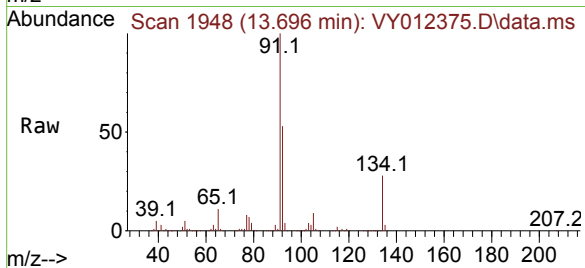
Tgt Ion: 91 Resp: 357673

Ion Ratio Lower Upper

91 100

92 52.8 26.8 80.4

134 29.1 13.3 39.8



#90

Hexachloroethane

Concen: 51.815 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012375.D

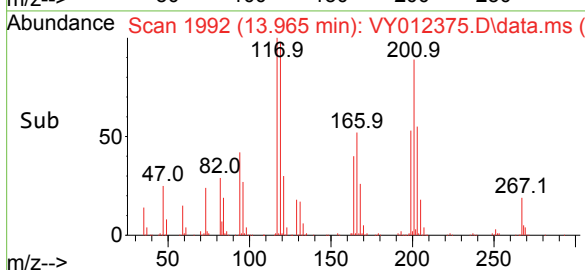
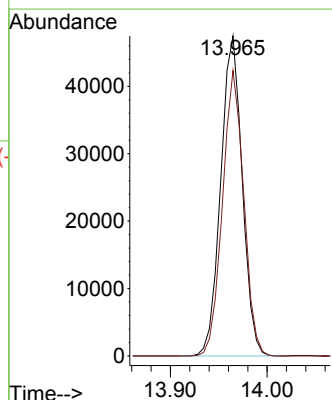
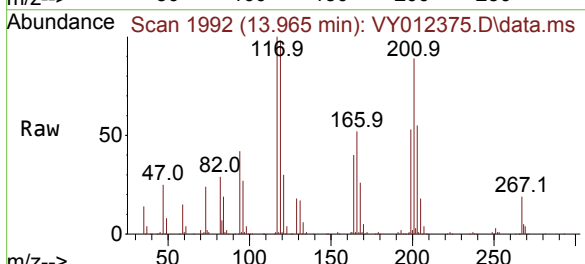
Acq: 27 Jan 2023 10:27

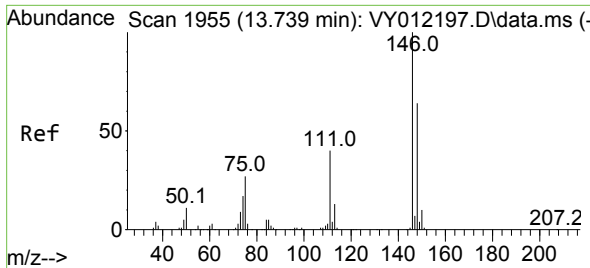
Tgt Ion: 117 Resp: 73109

Ion Ratio Lower Upper

117 100

201 87.9 40.3 120.8

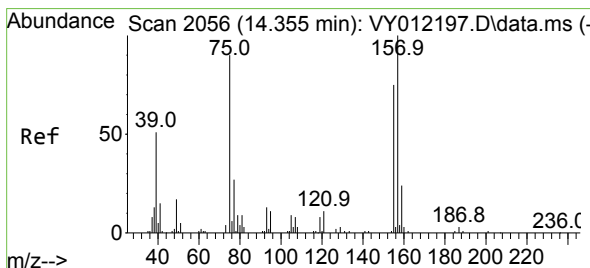
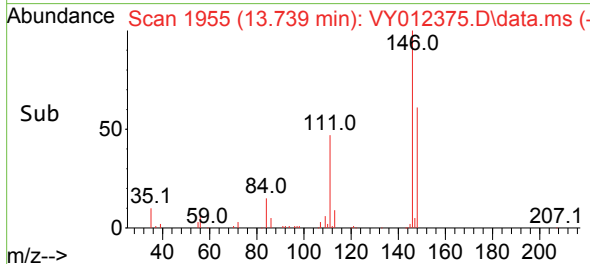
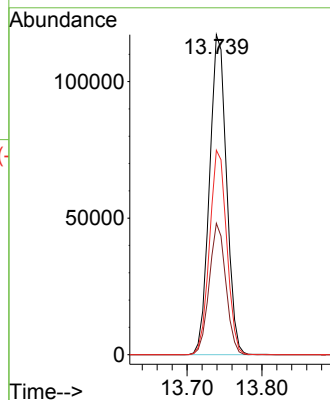
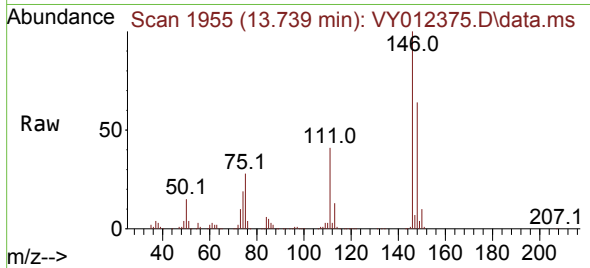




#91
1,2-Dichlorobenzene
Concen: 52.400 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

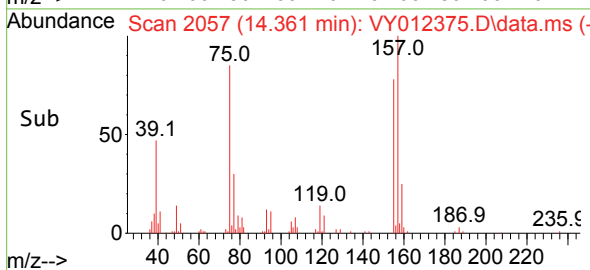
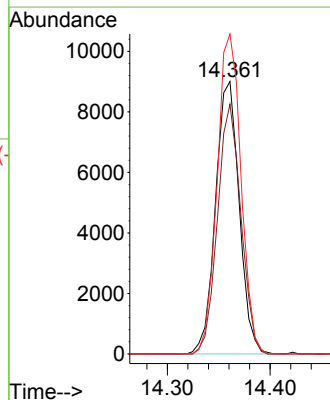
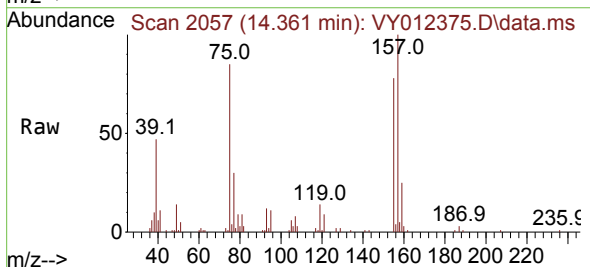
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

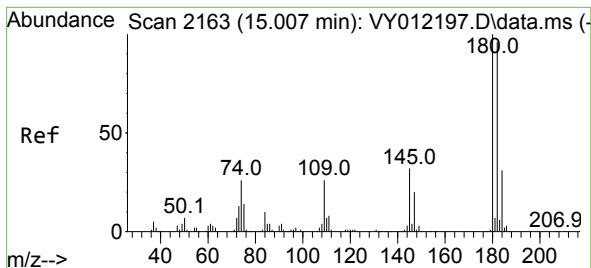
Tgt Ion:	146	Resp:	185559
Ion Ratio	Lower	Upper	
146	100		
111	40.0	20.3	60.8
148	64.5	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.313 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY012375.D
Acq: 27 Jan 2023 10:27

Tgt Ion:	75	Resp:	14391
Ion Ratio	Lower	Upper	
75	100		
155	90.5	42.3	126.8
157	118.1	54.4	163.3





#93

1,2,4-Trichlorobenzene

Concen: 53.275 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

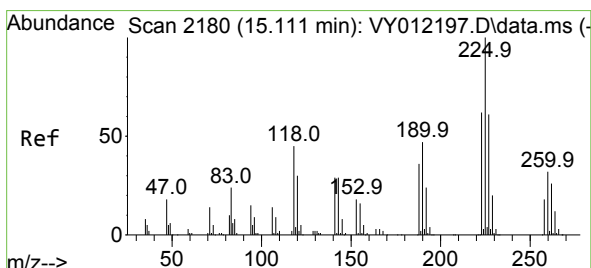
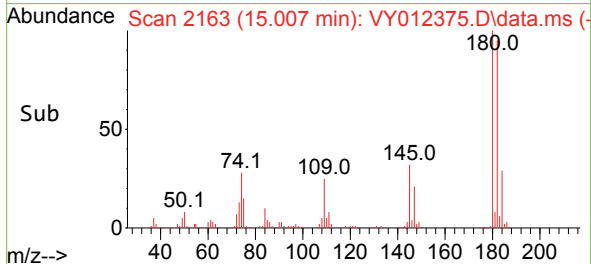
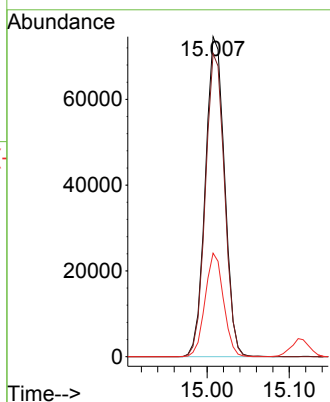
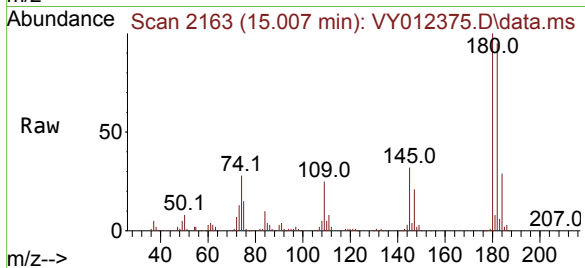
Tgt Ion:180 Resp: 120882

Ion Ratio Lower Upper

180 100

182 94.2 48.1 144.3

145 31.1 15.4 46.4



#94

Hexachlorobutadiene

Concen: 52.868 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

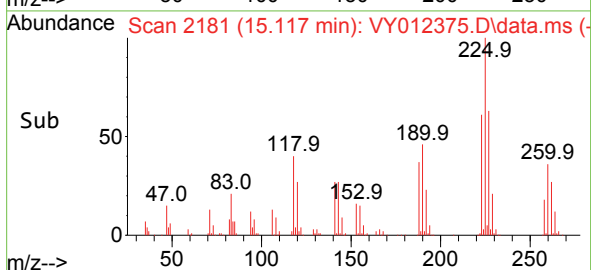
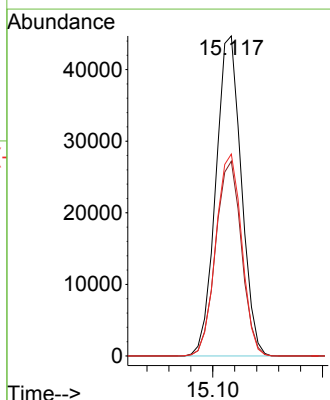
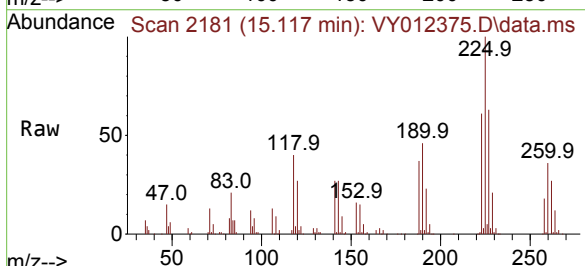
Tgt Ion:225 Resp: 72225

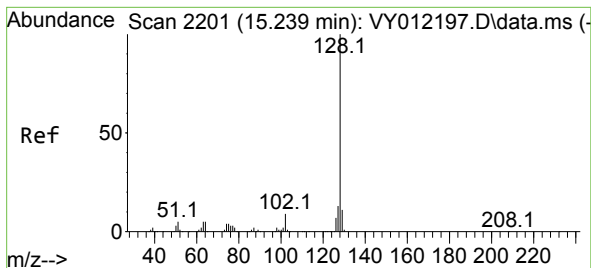
Ion Ratio Lower Upper

225 100

223 61.8 31.4 94.2

227 64.0 32.6 97.8





#95

Naphthalene

Concen: 55.156 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

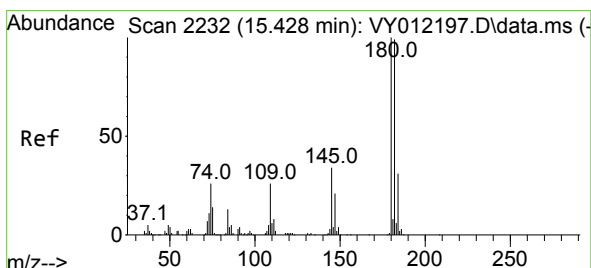
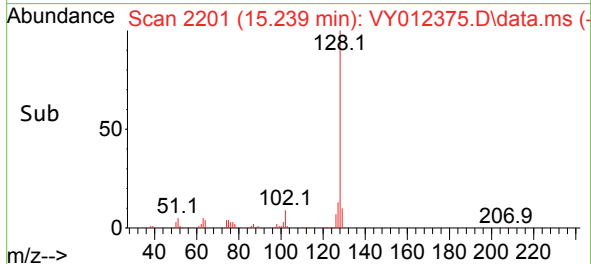
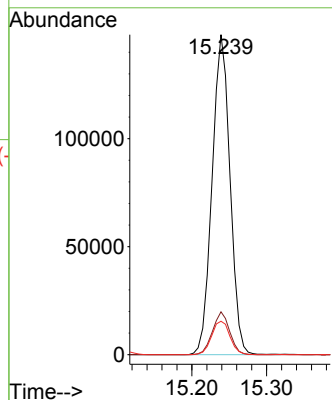
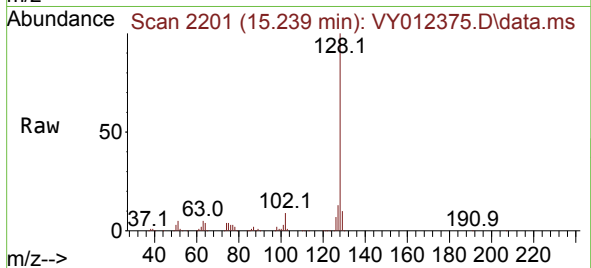
Tgt Ion:128 Resp: 247018

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 54.066 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012375.D

Acq: 27 Jan 2023 10:27

Tgt Ion:180 Resp: 105566

Ion Ratio Lower Upper

180 100

182 96.7 47.9 143.7

145 32.3 16.1 48.2

