

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040423\
 Data File : VY013188.D
 Acq On : 04 Apr 2023 10:39
 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: Apr 05 01:17:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	134856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	193778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	175411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93500	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	67638	46.670	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.340%
35) Dibromofluoromethane	7.716	113	62703	49.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.060%
50) Toluene-d8	10.179	98	234246	49.017	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.040%
62) 4-Bromofluorobenzene	12.483	95	79226	50.931	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	62794	47.500	ug/l	97
3) Chloromethane	2.113	50	54803	39.752	ug/l	98
4) Vinyl Chloride	2.253	62	65997	47.748	ug/l	99
5) Bromomethane	2.649	94	42497	43.566	ug/l	93
6) Chloroethane	2.796	64	39582	45.716	ug/l	99
7) Trichlorofluoromethane	3.125	101	95334	38.754	ug/l	98
8) Diethyl Ether	3.533	74	34004	44.019	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	57330	42.271	ug/l	98
10) Methyl Iodide	4.088	142	77754	44.026	ug/l	98
11) Tert butyl alcohol	4.954	59	29829	228.361	ug/l	99
12) 1,1-Dichloroethene	3.875	96	54376	41.474	ug/l	96
13) Acrolein	3.729	56	41212	224.826	ug/l	100
14) Allyl chloride	4.478	41	109812	49.157	ug/l	96
15) Acrylonitrile	5.161	53	100145	260.891	ug/l	98
16) Acetone	3.942	43	125875	284.035	ug/l	100
17) Carbon Disulfide	4.192	76	179815	41.183	ug/l	99
18) Methyl Acetate	4.478	43	70474	50.469	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	171028	51.479	ug/l	99
20) Methylene Chloride	4.716	84	68499	44.146	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	69394	46.976	ug/l	97
22) Diisopropyl ether	6.118	45	199733	45.764	ug/l	97
23) Vinyl Acetate	6.057	43	590126	237.771	ug/l	95
24) 1,1-Dichloroethane	6.015	63	118442	45.822	ug/l	100
25) 2-Butanone	6.984	43	137765	248.612	ug/l	98
26) 2,2-Dichloropropane	6.978	77	114255	49.144	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	80365	50.499	ug/l	95
28) Bromochloromethane	7.332	49	46760	42.159	ug/l #	78
29) Tetrahydrofuran	7.344	42	76457	233.079	ug/l	91
30) Chloroform	7.508	83	131128	48.988	ug/l	100
31) Cyclohexane	7.783	56	101003	42.689	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	120625	50.970	ug/l	99
36) 1,1-Dichloropropene	7.917	75	96156	50.457	ug/l	98
37) Ethyl Acetate	7.069	43	52288	48.300	ug/l	99
38) Carbon Tetrachloride	7.899	117	112591	53.546	ug/l	99
39) Methylcyclohexane	9.185	83	115550	51.683	ug/l	96
40) Benzene	8.161	78	278000	50.507	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	73786	153.638	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	90516	53.675	ug/l	100
43) Isopropyl Acetate	8.270	43	96448	49.773	ug/l	95
44) Trichloroethene	8.941	130	80019	52.810	ug/l	100
45) 1,2-Dichloropropane	9.215	63	66658	48.362	ug/l	98
46) Dibromomethane	9.307	93	41950	52.982	ug/l	93
47) Bromodichloromethane	9.496	83	98974	51.806	ug/l	98
48) Methyl methacrylate	9.289	41	46404	51.419	ug/l	95
49) 1,4-Dioxane	9.295	88	10708	1136.806	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	263406	251.872	ug/l	97
52) Toluene	10.246	92	180343	52.820	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	104910	53.724	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	115997	52.012	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	58557	53.503	ug/l	96
56) Ethyl methacrylate	10.508	69	76258	55.417	ug/l	94
57) 1,3-Dichloropropane	10.788	76	95655	51.771	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	152973	237.747	ug/l	93
59) 2-Hexanone	10.831	43	206565	273.110	ug/l	97
60) Dibromochloromethane	10.983	129	76811	55.878	ug/l	100
61) 1,2-Dibromoethane	11.087	107	57427	54.154	ug/l	99
64) Tetrachloroethene	10.721	164	72431	53.711	ug/l	98
65) Chlorobenzene	11.514	112	196501	52.768	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	77982	55.859	ug/l	98
67) Ethyl Benzene	11.593	91	346178	53.825	ug/l	99
68) m/p-Xylenes	11.703	106	274347	110.270	ug/l	99
69) o-Xylene	12.032	106	129299	56.029	ug/l	96
70) Styrene	12.044	104	219781	56.933	ug/l	100
71) Bromoform	12.209	173	50926	58.827	ug/l #	98
73) Isopropylbenzene	12.331	105	340748	52.795	ug/l	100
74) N-amyl acetate	12.142	43	86541	48.836	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	66285	49.030	ug/l	97
76) 1,2,3-Trichloropropane	12.635	75	89072	84.801	ug/l #	100
77) Bromobenzene	12.611	156	86784	54.084	ug/l	90
78) n-propylbenzene	12.672	91	410273	51.700	ug/l	99
79) 2-Chlorotoluene	12.757	91	230174	51.115	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	290445	53.826	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	24836	52.732	ug/l	99
82) 4-Chlorotoluene	12.855	91	237907	50.765	ug/l	98
83) tert-Butylbenzene	13.074	119	251522	54.269	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	286425	54.202	ug/l	100
85) sec-Butylbenzene	13.251	105	368891	52.713	ug/l	99
86) p-Isopropyltoluene	13.373	119	316527	54.943	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	168257	52.897	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	164930	51.744	ug/l	99
89) n-Butylbenzene	13.696	91	282756	52.502	ug/l	99
90) Hexachloroethane	13.964	117	59231	49.354	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	152014	53.512	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10094	44.870	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	91950	55.505	ug/l	97
94) Hexachlorobutadiene	15.111	225	56879	55.827	ug/l	98
95) Naphthalene	15.239	128	180692	51.398	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	82316	56.398	ug/l	99

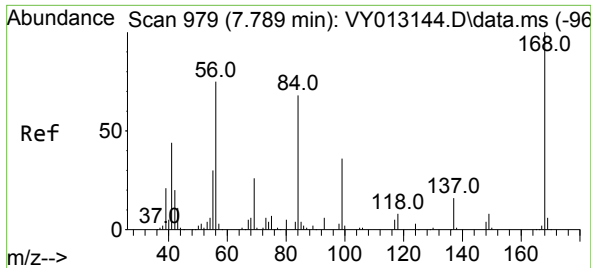
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Response via : Initial Calibration

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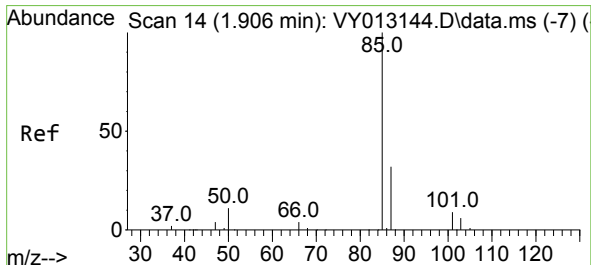
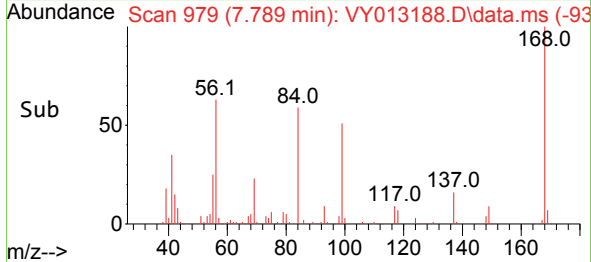
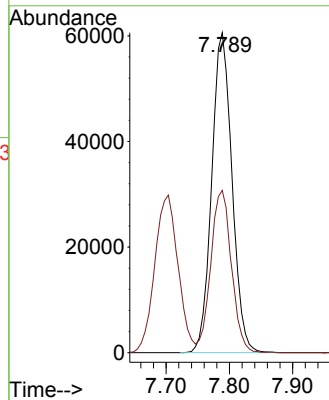
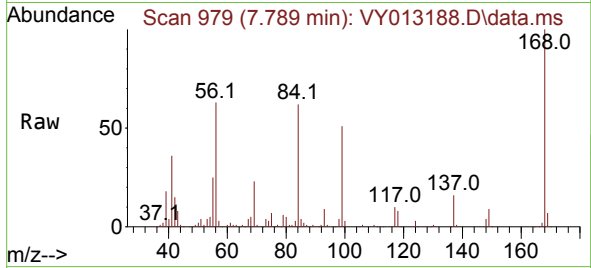
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013188.D
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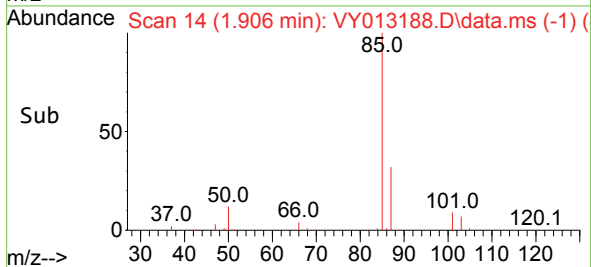
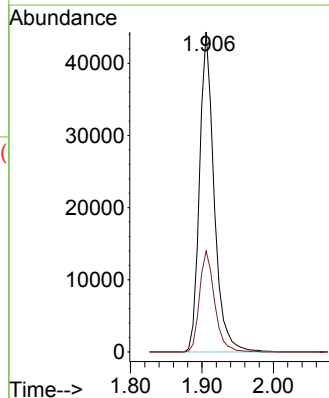
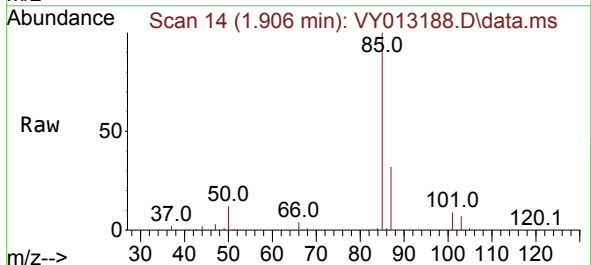
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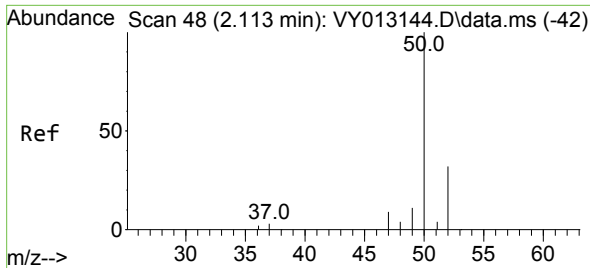
Tgt Ion:168 Resp: 134856
Ion Ratio Lower Upper
168 100
99 50.7 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 47.500 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 85 Resp: 62794
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.0

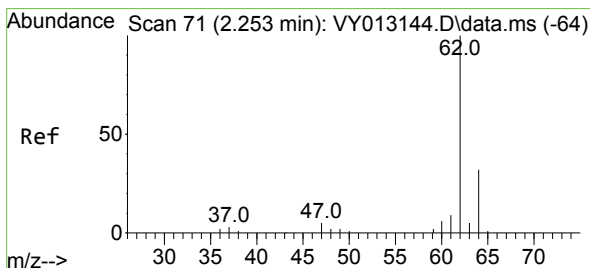
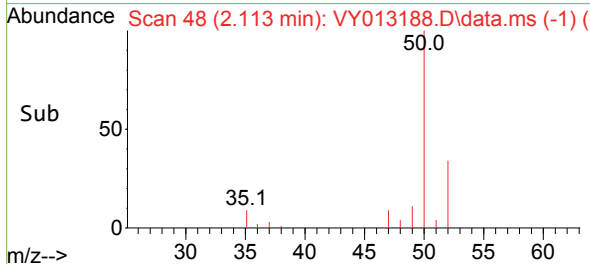
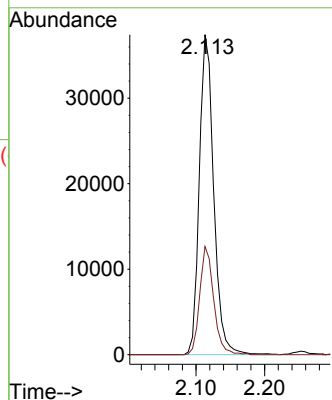
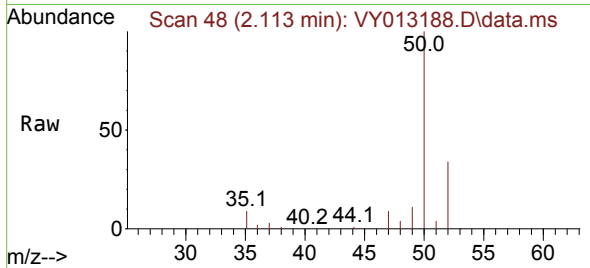




#3
Chloromethane
Concen: 39.752 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

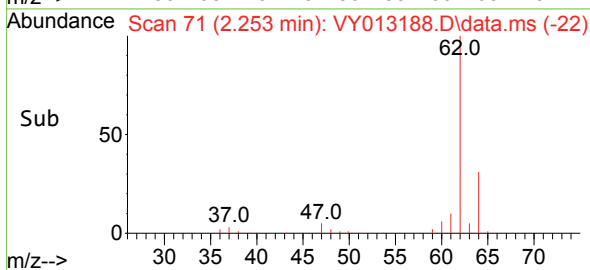
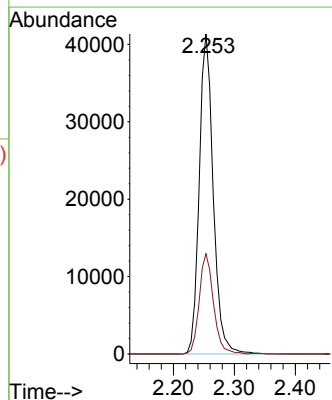
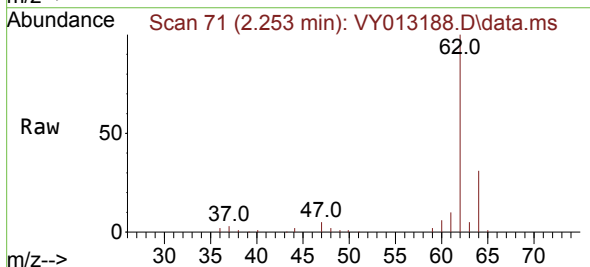
Instrument :
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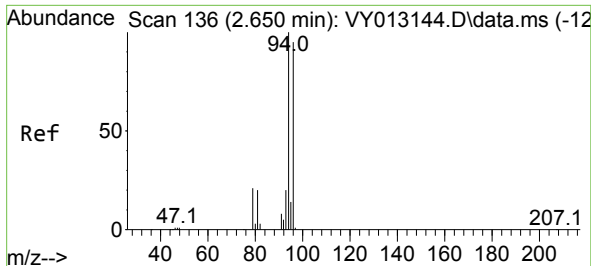
Tgt Ion: 50 Resp: 54803
Ion Ratio Lower Upper
50 100
52 33.8 26.0 39.0



#4
Vinyl Chloride
Concen: 47.748 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 62 Resp: 65997
Ion Ratio Lower Upper
62 100
64 31.3 25.6 38.4

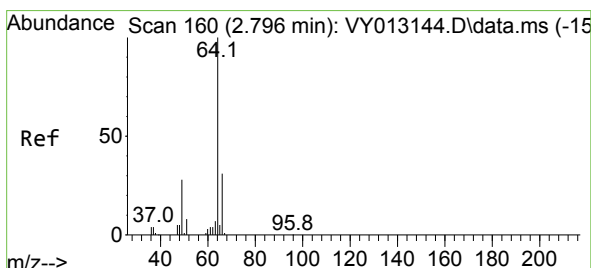
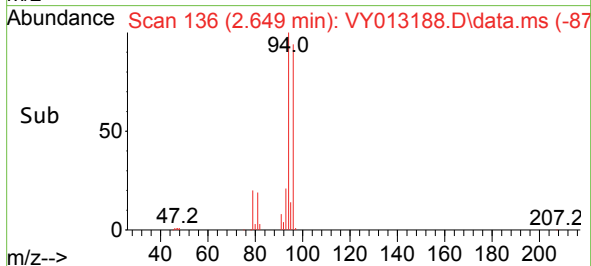
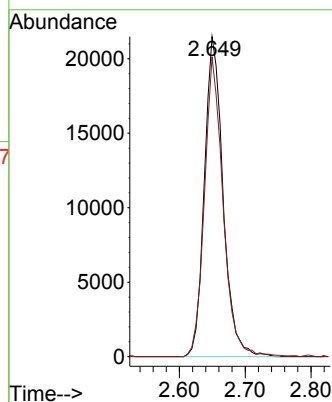
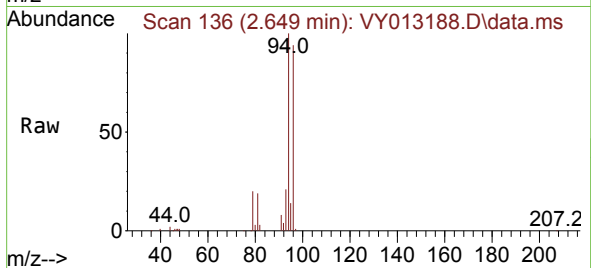




#5
Bromomethane
Concen: 43.566 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

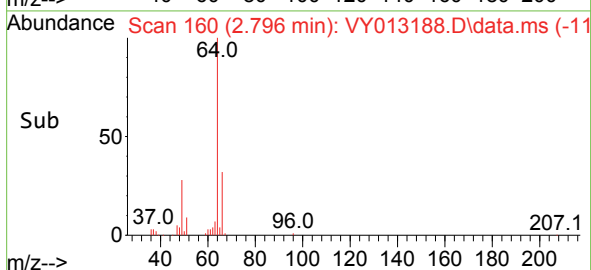
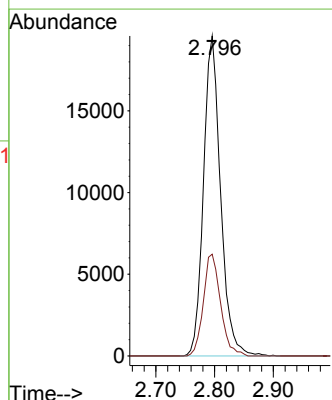
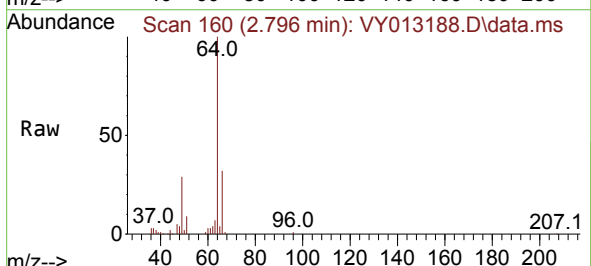
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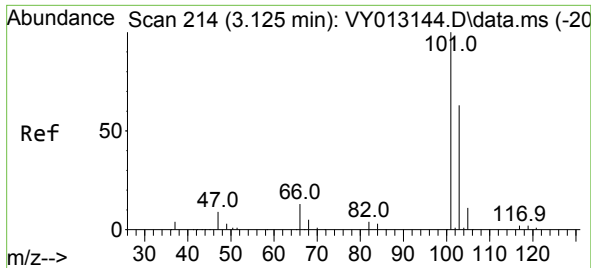
Tgt Ion: 94 Resp: 42497
Ion Ratio Lower Upper
94 100
96 93.6 80.3 120.5



#6
Chloroethane
Concen: 45.716 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 64 Resp: 39582
Ion Ratio Lower Upper
64 100
66 31.8 25.7 38.5

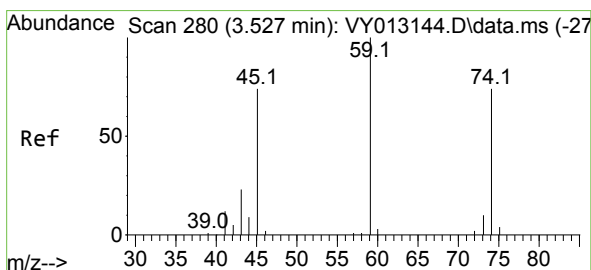
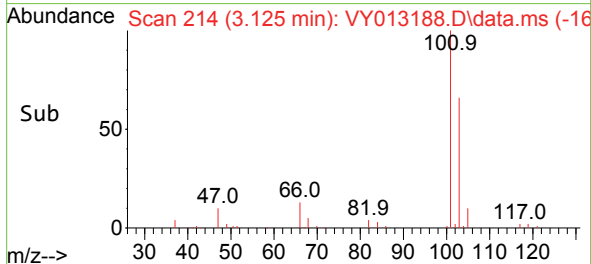
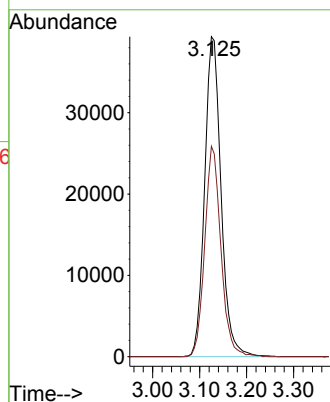
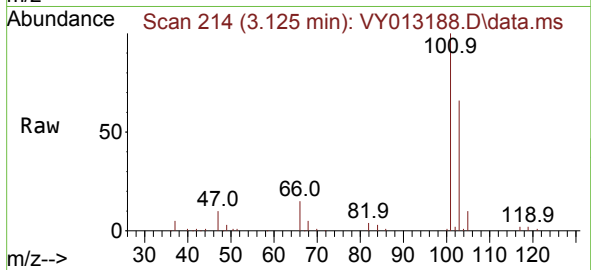




#7
 Trichlorofluoromethane
 Concen: 38.754 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY013188.D
 Acq: 04 Apr 2023 10:39

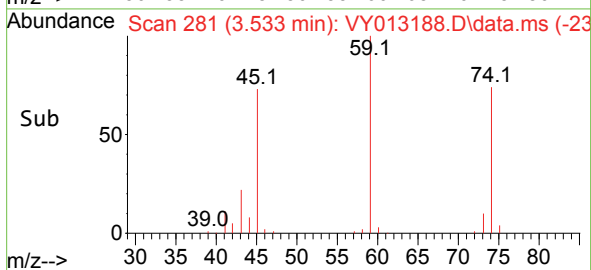
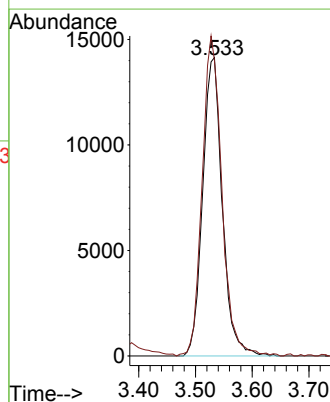
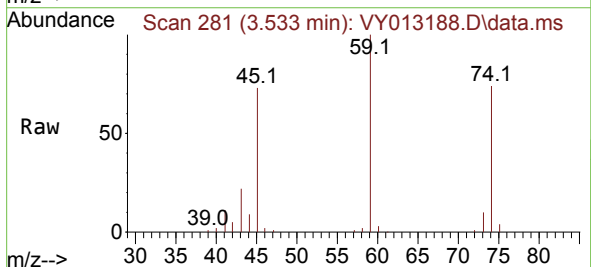
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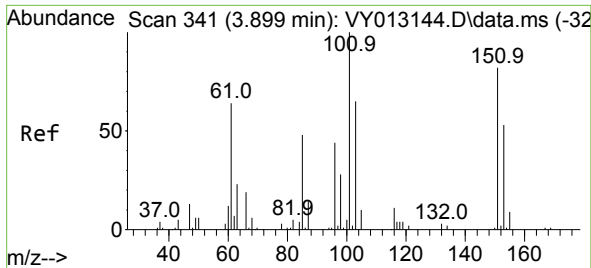
Tgt Ion:101 Resp: 95334
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.5 77.3



#8
 Diethyl Ether
 Concen: 44.019 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY013188.D
 Acq: 04 Apr 2023 10:39

Tgt Ion: 74 Resp: 34004
 Ion Ratio Lower Upper
 74 100
 45 107.8 52.1 156.4

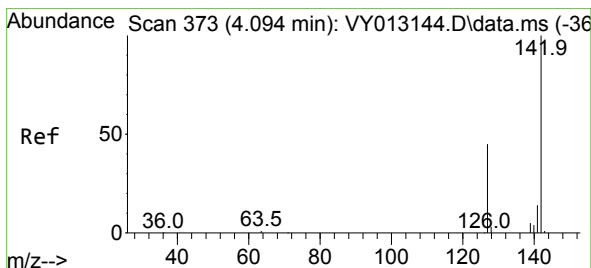
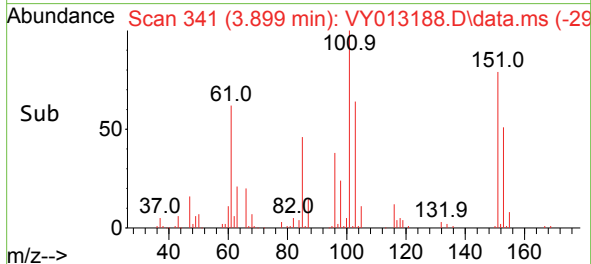
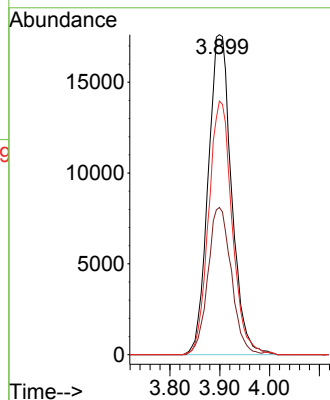
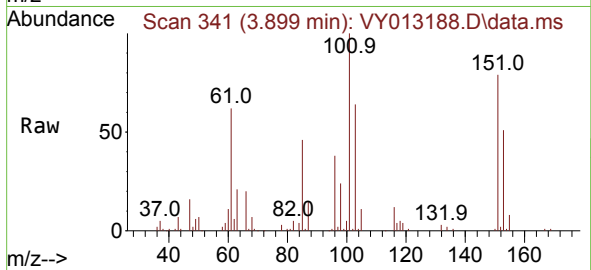




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.271 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013188.D
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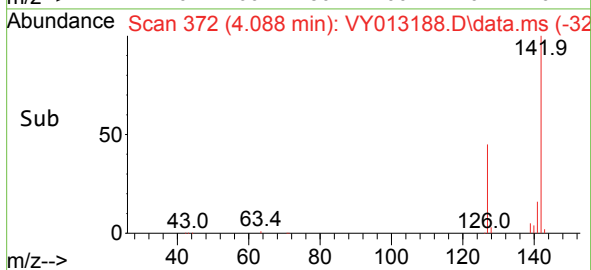
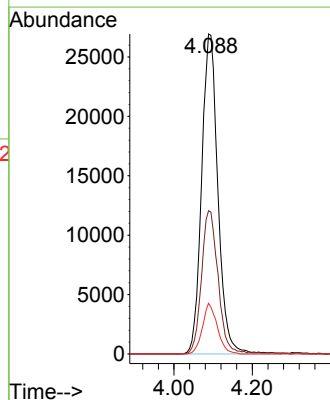
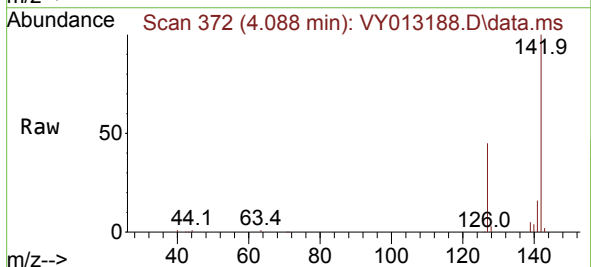
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

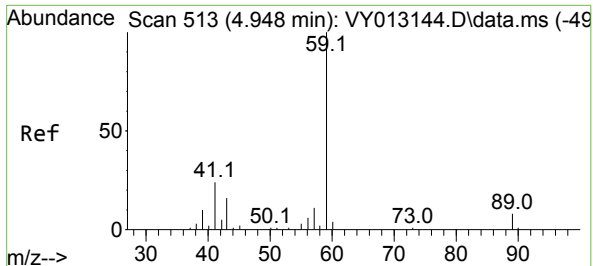
Tgt Ion:101 Resp: 57330
Ion Ratio Lower Upper
101 100
85 46.1 35.3 52.9
151 79.7 63.1 94.7



#10
Methyl Iodide
Concen: 44.026 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion:142 Resp: 77754
Ion Ratio Lower Upper
142 100
127 45.5 35.4 53.2
141 14.4 11.3 16.9





#11

Tert butyl alcohol

Concen: 228.361 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

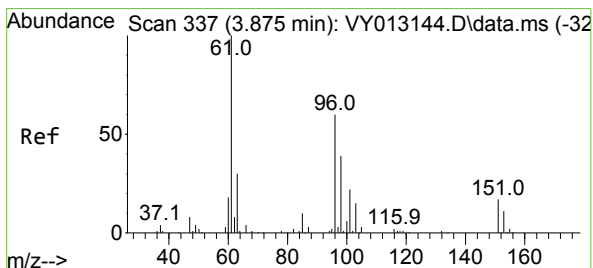
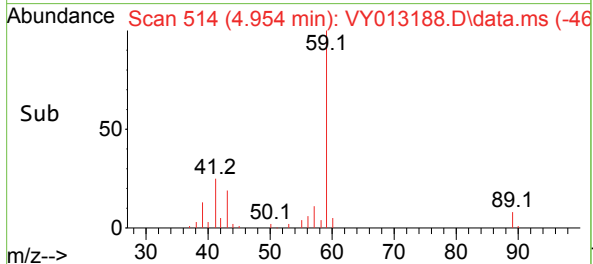
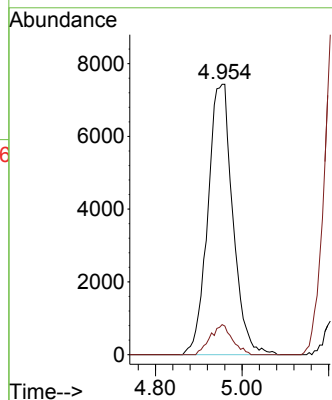
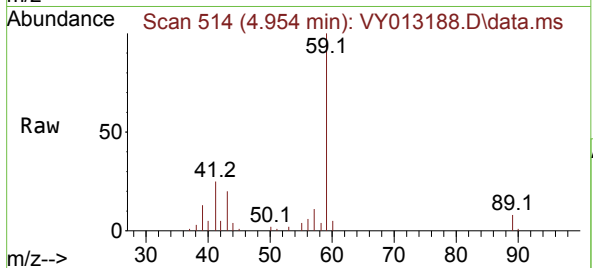
VSTDCCC050

Tgt Ion: 59 Resp: 29829

Ion Ratio Lower Upper

59 100

57 9.8 7.7 11.5



#12

1,1-Dichloroethene

Concen: 41.474 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

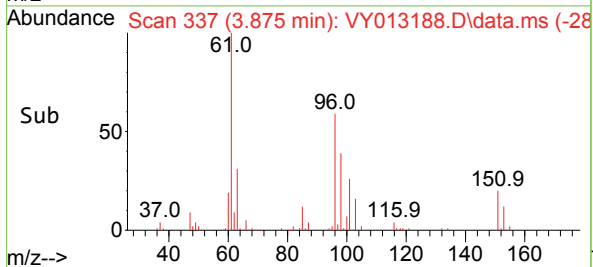
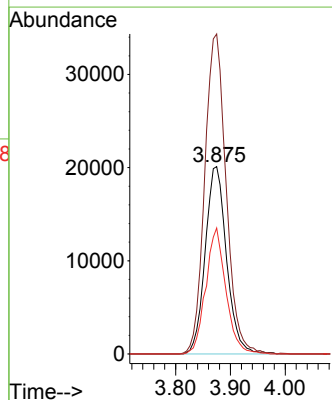
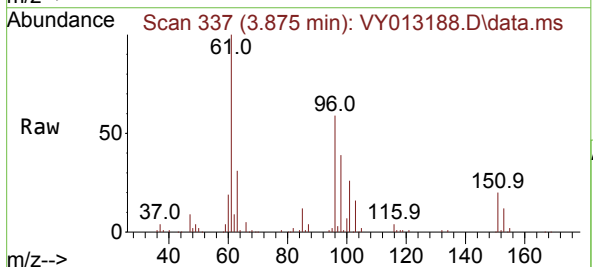
Tgt Ion: 96 Resp: 54376

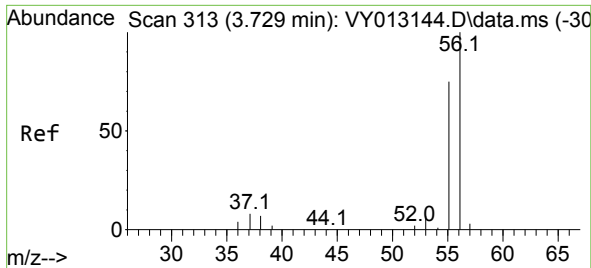
Ion Ratio Lower Upper

96 100

61 170.8 131.7 197.5

98 67.2 52.0 78.0





#13

Acrolein

Concen: 224.826 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

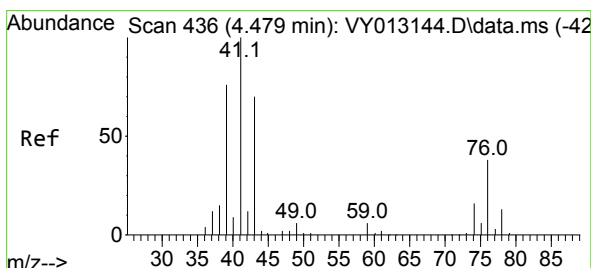
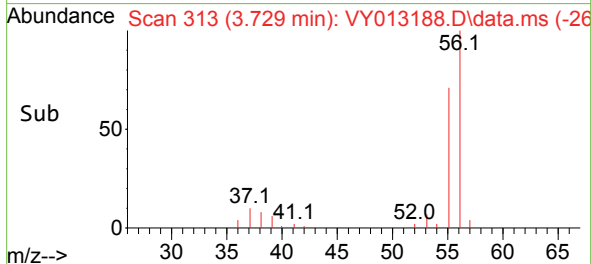
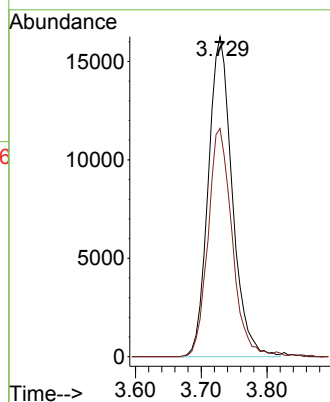
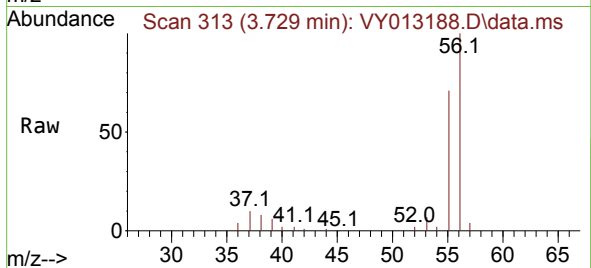
VSTDCCC050

Tgt Ion: 56 Resp: 41212

Ion Ratio Lower Upper

56 100

55 71.4 56.8 85.2



#14

Allyl chloride

Concen: 49.157 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.001 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

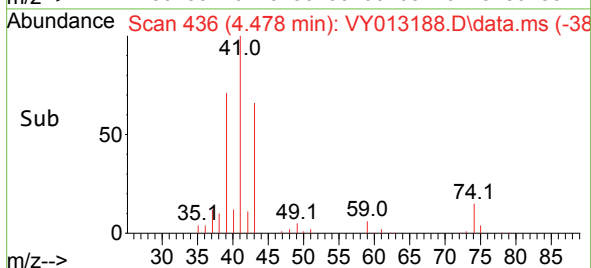
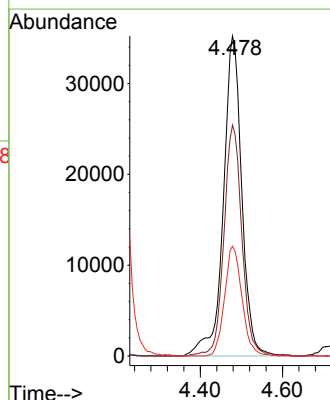
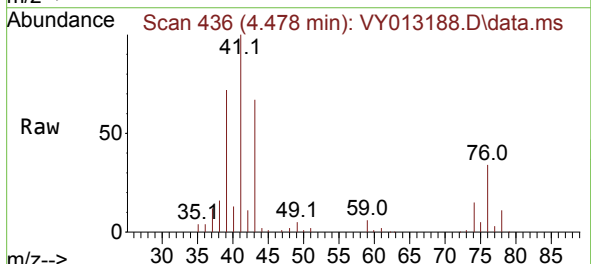
Tgt Ion: 41 Resp: 109812

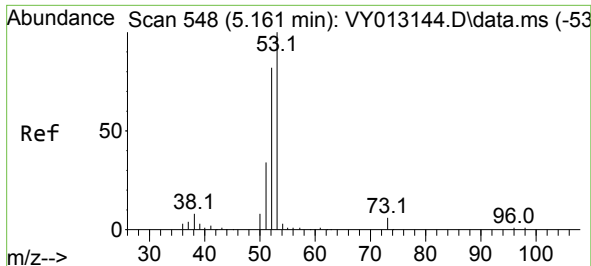
Ion Ratio Lower Upper

41 100

39 70.4 53.6 80.4

76 32.4 27.2 40.8

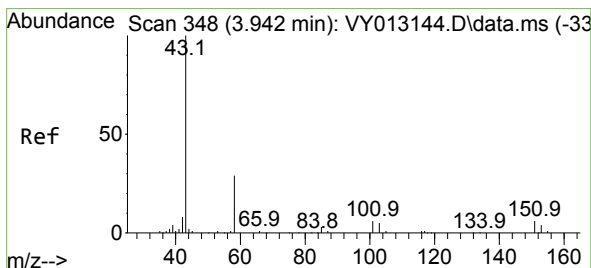
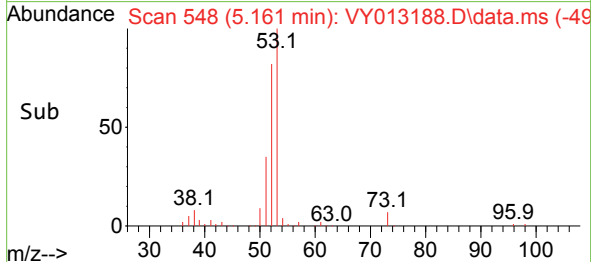
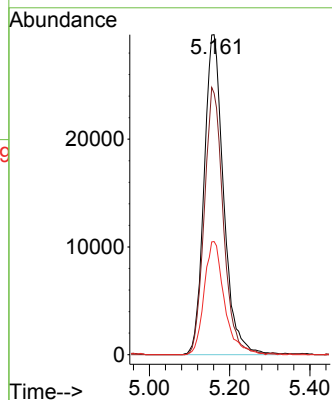
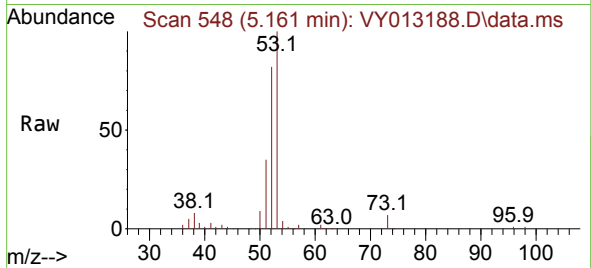




#15
Acrylonitrile
Concen: 260.891 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

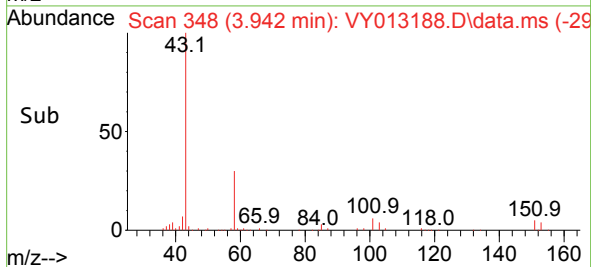
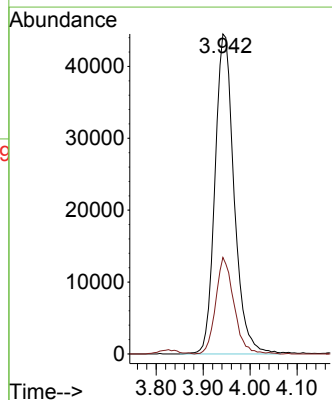
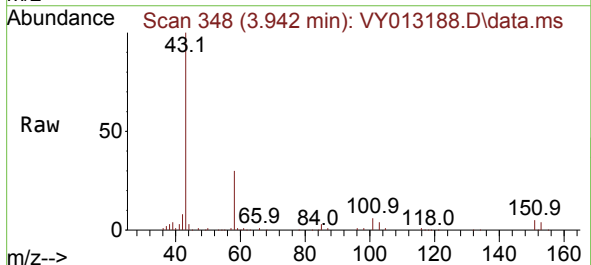
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

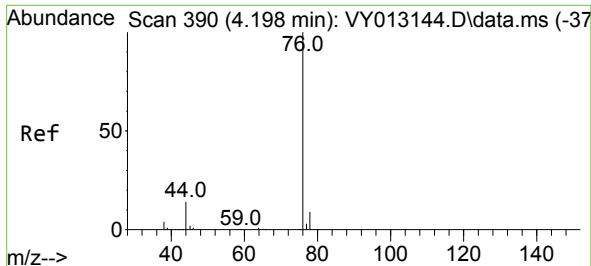
Tgt Ion: 53 Resp: 100145
Ion Ratio Lower Upper
53 100
52 81.0 66.3 99.5
51 36.8 28.8 43.2



#16
Acetone
Concen: 284.035 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 43 Resp: 125875
Ion Ratio Lower Upper
43 100
58 30.2 24.2 36.2

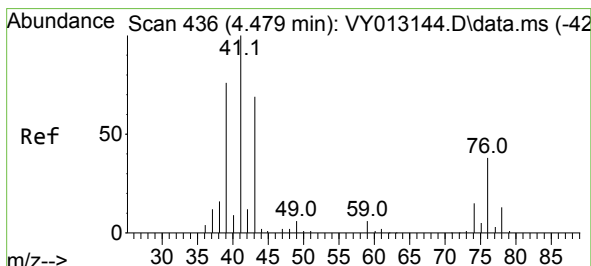
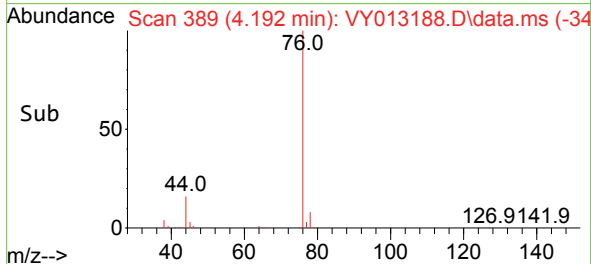
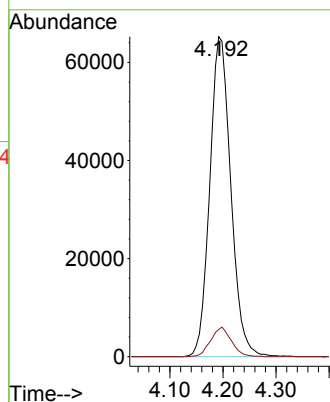
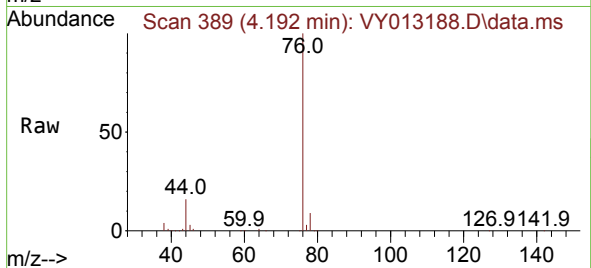




#17
Carbon Disulfide
Concen: 41.183 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

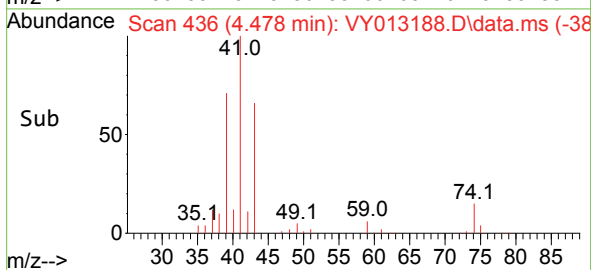
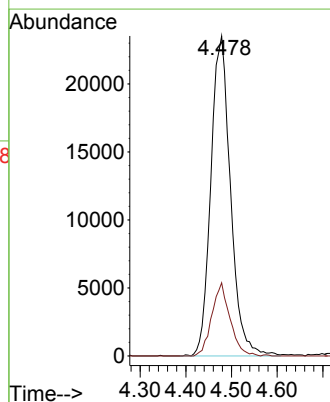
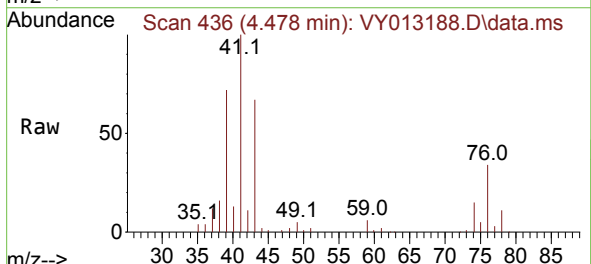
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

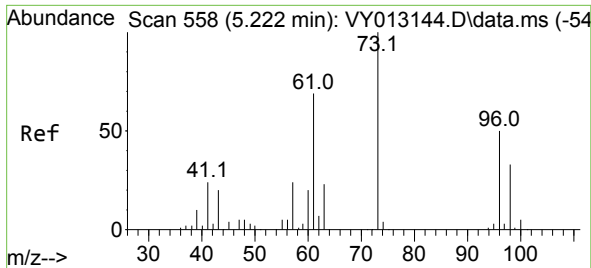
Tgt Ion: 76 Resp: 179815
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7



#18
Methyl Acetate
Concen: 50.469 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 43 Resp: 70474
Ion Ratio Lower Upper
43 100
74 21.1 17.4 26.0

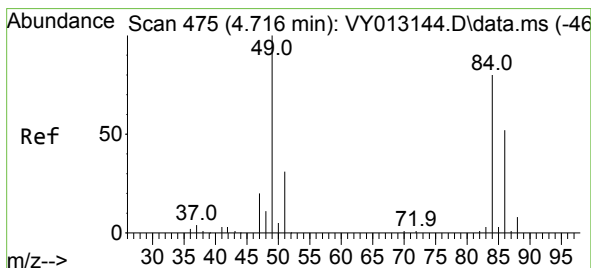
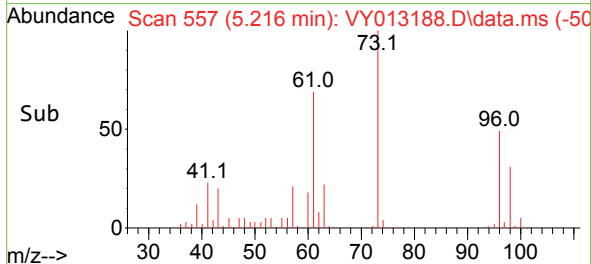
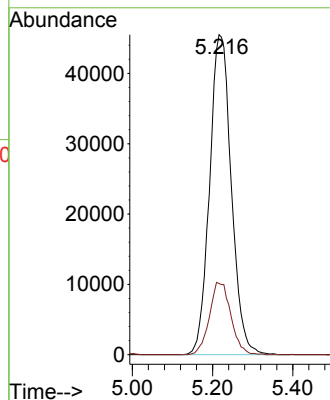
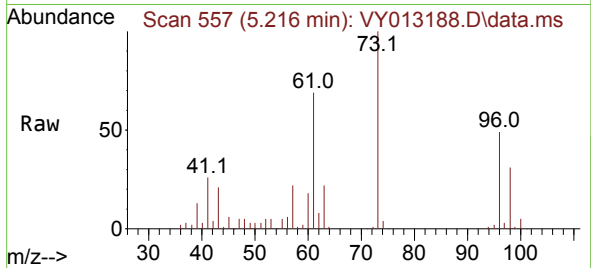




#19
Methyl tert-butyl Ether
Concen: 51.479 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

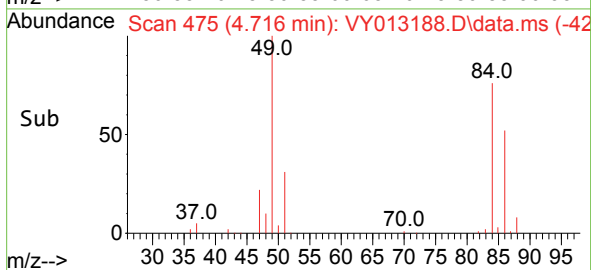
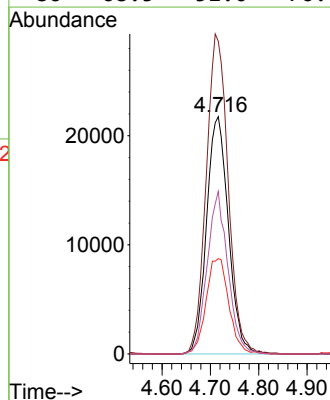
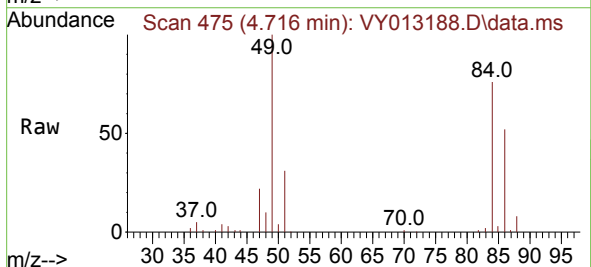
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

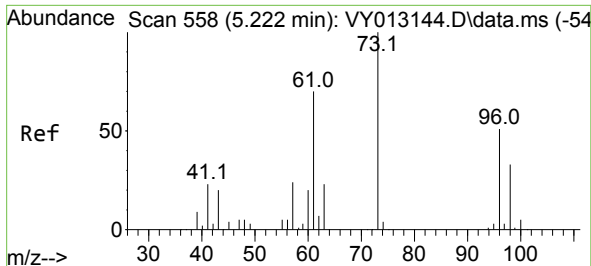
Tgt Ion: 73 Resp: 171028
Ion Ratio Lower Upper
73 100
57 22.2 18.3 27.5



#20
Methylene Chloride
Concen: 44.146 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 84 Resp: 68499
Ion Ratio Lower Upper
84 100
49 131.8 102.6 154.0
51 40.2 31.9 47.9
86 68.5 51.0 76.6

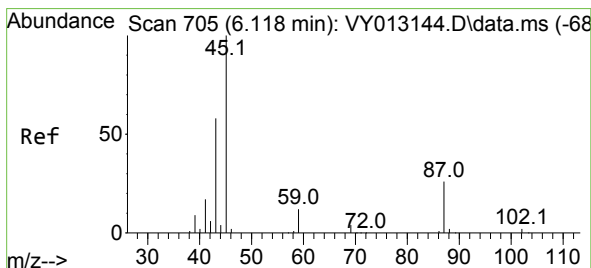
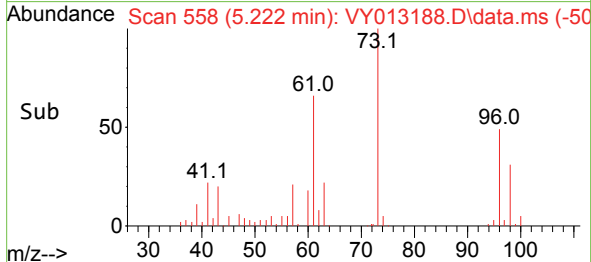
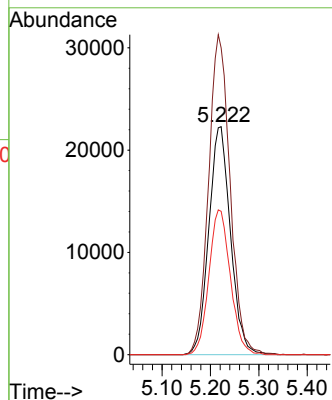
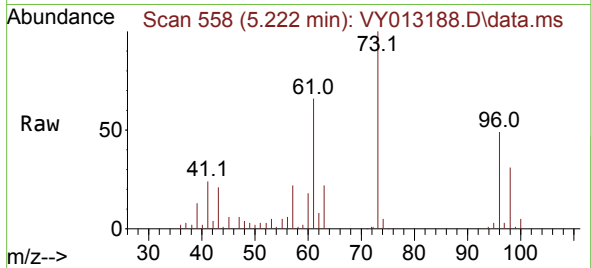




#21
trans-1,2-Dichloroethene
Concen: 46.976 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

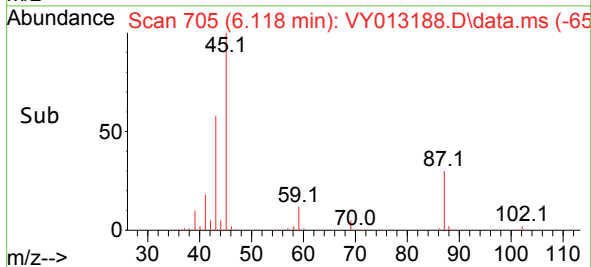
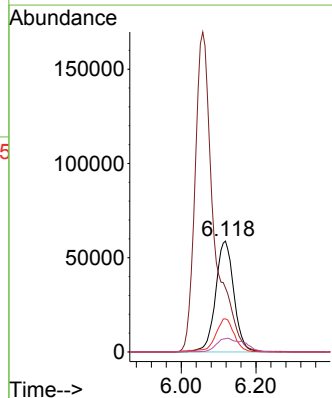
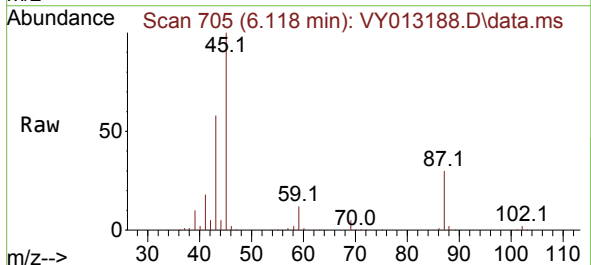
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

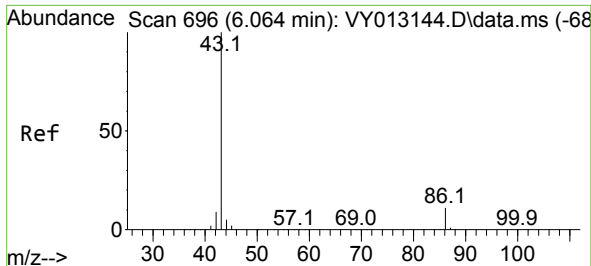
Tgt Ion: 96 Resp: 69394
Ion Ratio Lower Upper
96 100
61 134.5 111.4 167.0
98 62.9 50.8 76.2



#22
Diisopropyl ether
Concen: 45.764 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 45 Resp: 199733
Ion Ratio Lower Upper
45 100
43 57.2 45.0 67.6
87 29.9 20.3 30.5
59 12.0 8.8 13.2

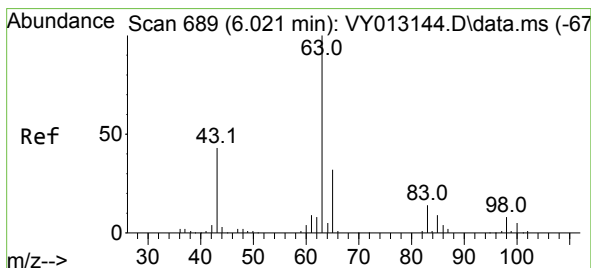
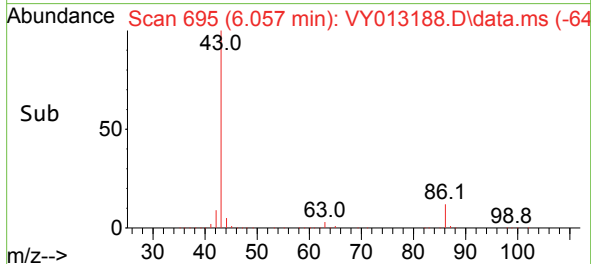
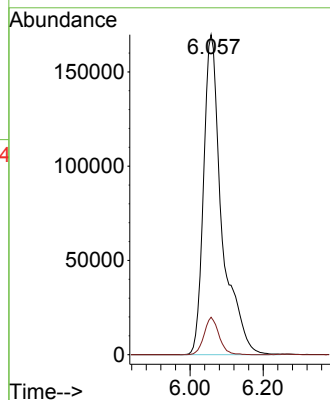
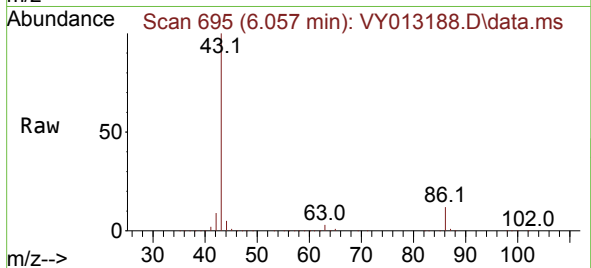




#23
 Vinyl Acetate
 Concen: 237.771 ug/l
 RT: 6.057 min Scan# 696
 Delta R.T. -0.007 min
 Lab File: VY013188.D
 Acq: 04 Apr 2023 10:39

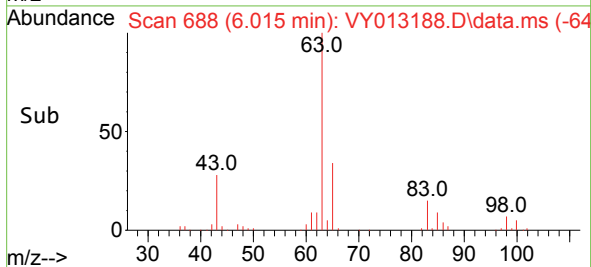
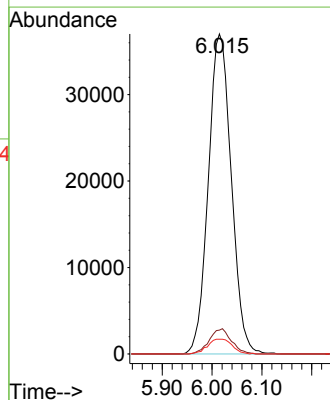
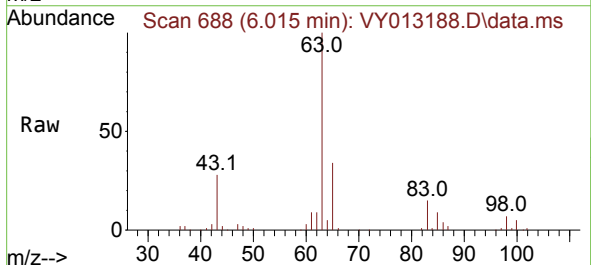
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

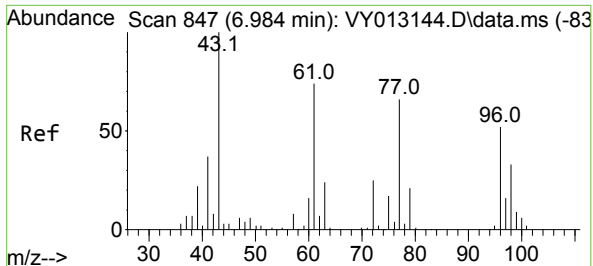
Tgt Ion: 43 Resp: 590126
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 45.822 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY013188.D
 Acq: 04 Apr 2023 10:39

Tgt Ion: 63 Resp: 118442
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 248.612 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

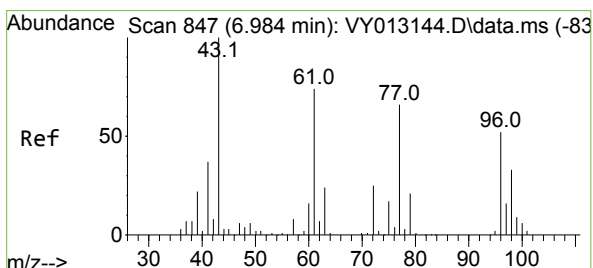
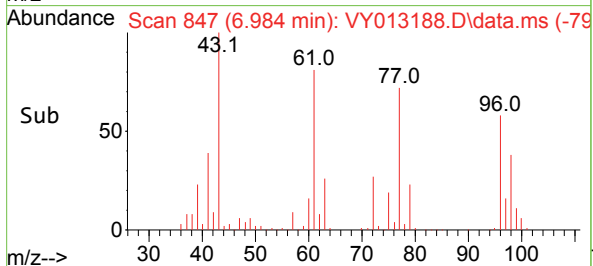
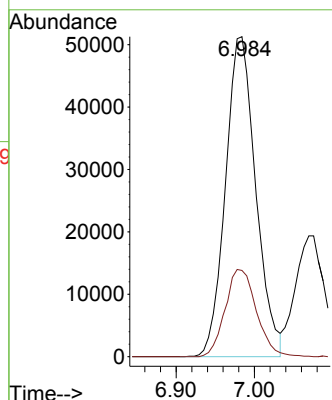
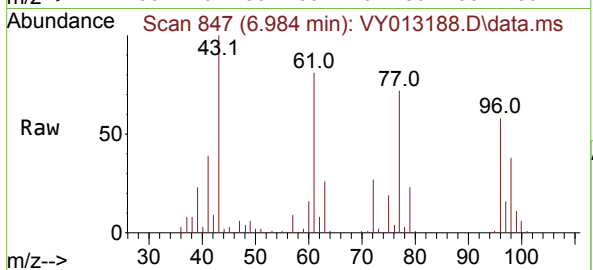
VSTDCCC050

Tgt Ion: 43 Resp: 137765

Ion Ratio Lower Upper

43 100

72 27.0 21.0 31.4



#26

2,2-Dichloropropane

Concen: 49.144 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013188.D

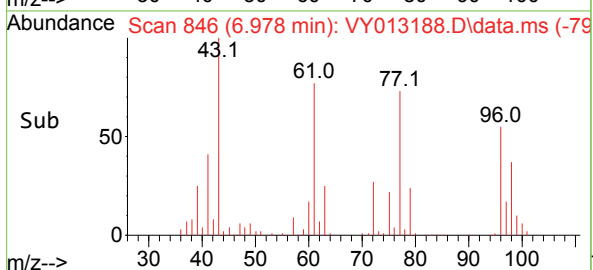
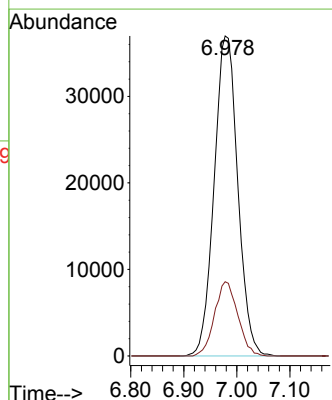
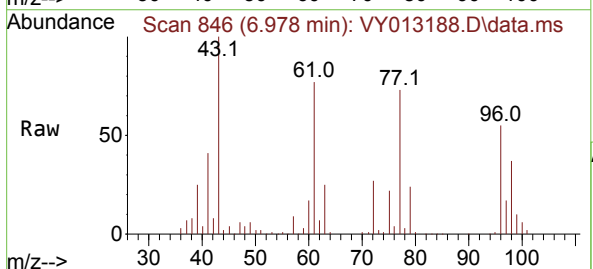
Acq: 04 Apr 2023 10:39

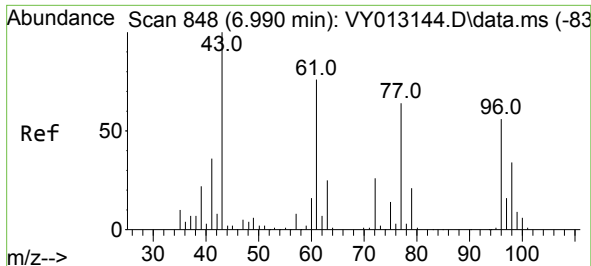
Tgt Ion: 77 Resp: 114255

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0

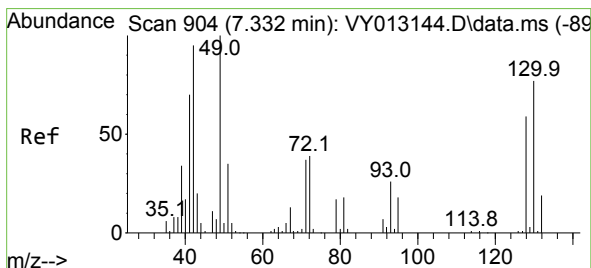
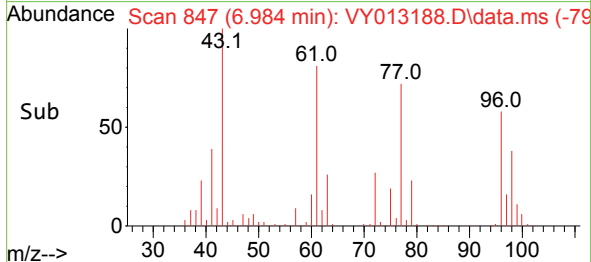
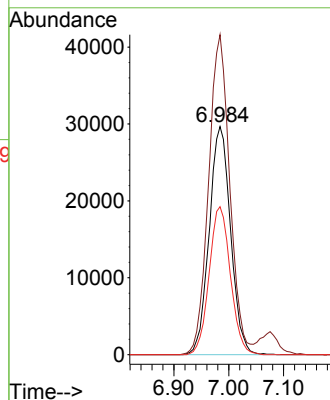
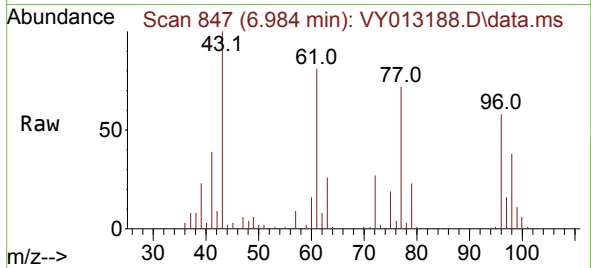




#27
cis-1,2-Dichloroethene
Concen: 50.499 ug/l
RT: 6.984 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

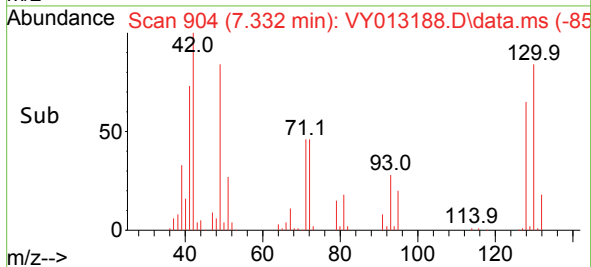
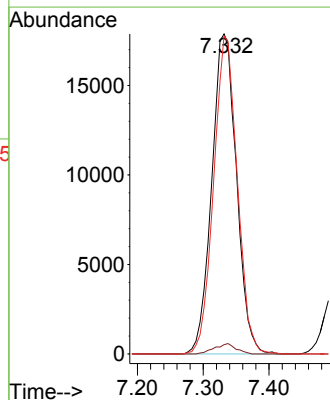
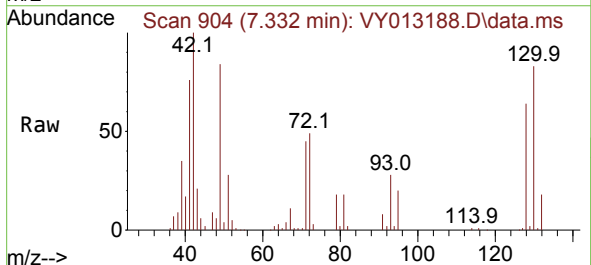
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

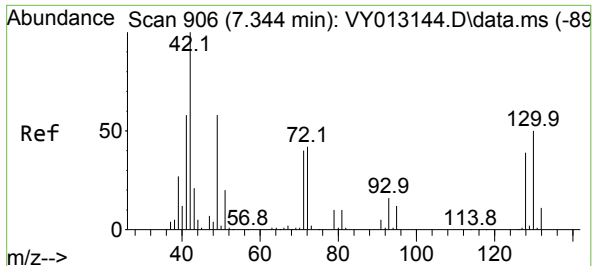
Tgt Ion: 96 Resp: 80365
Ion Ratio Lower Upper
96 100
61 139.1 0.0 295.8
98 64.5 0.0 130.2



#28
Bromochloromethane
Concen: 42.159 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 49 Resp: 46760
Ion Ratio Lower Upper
49 100
129 2.8 0.0 4.2
130 94.9 60.5 90.7#





#29

Tetrahydrofuran

Concen: 233.079 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

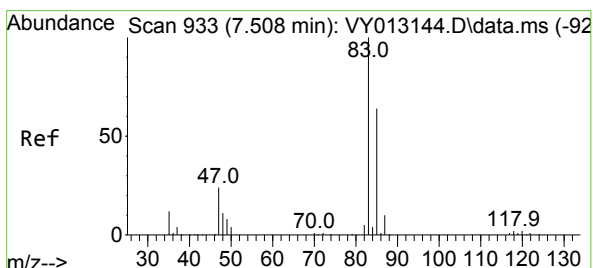
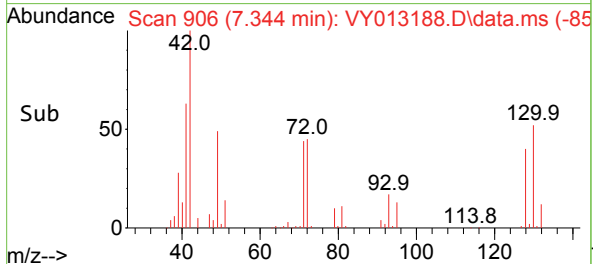
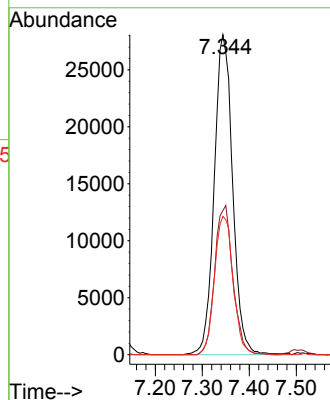
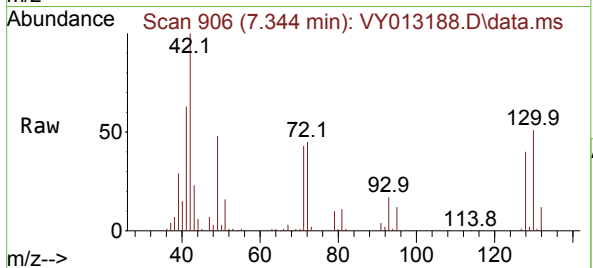
Tgt Ion: 42 Resp: 76457

Ion Ratio Lower Upper

42 100

72 46.1 32.3 48.5

71 43.8 30.3 45.5



#30

Chloroform

Concen: 48.988 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY013188.D

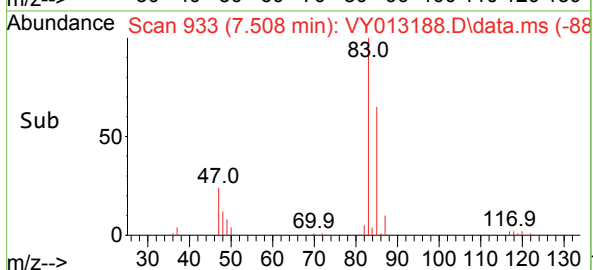
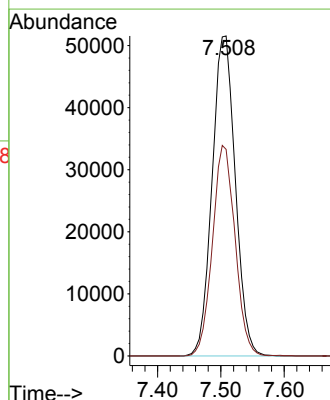
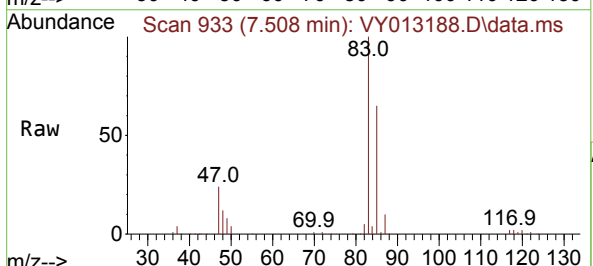
Acq: 04 Apr 2023 10:39

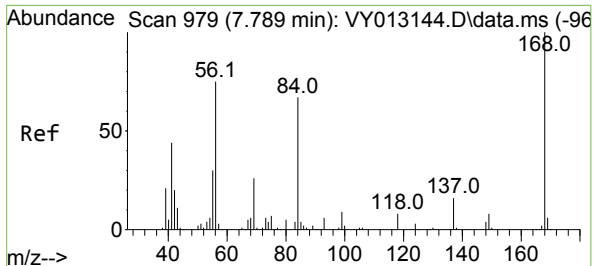
Tgt Ion: 83 Resp: 131128

Ion Ratio Lower Upper

83 100

85 64.6 51.4 77.0

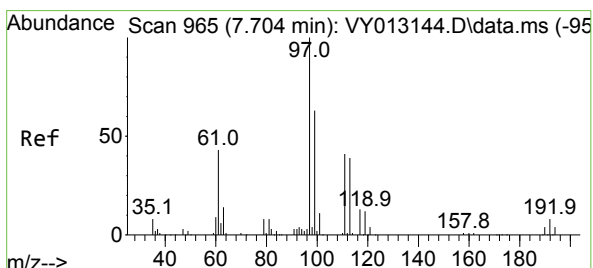
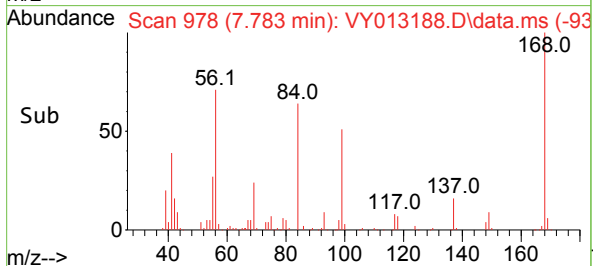
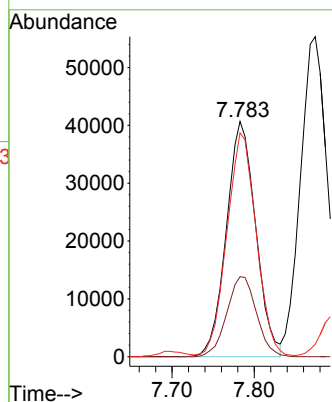
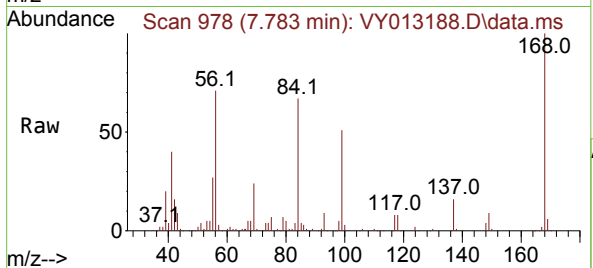




#31
Cyclohexane
Concen: 42.689 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

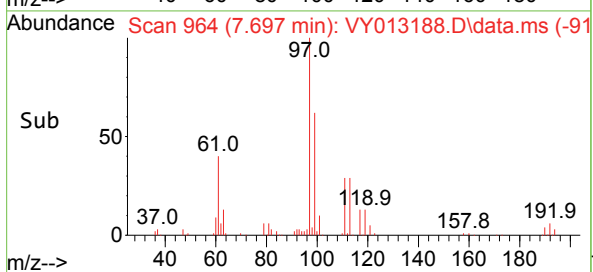
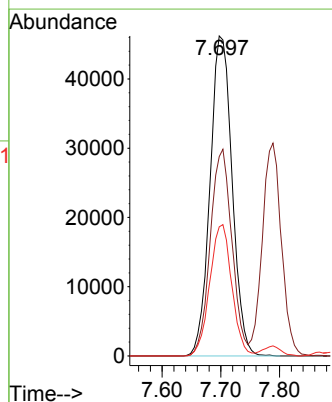
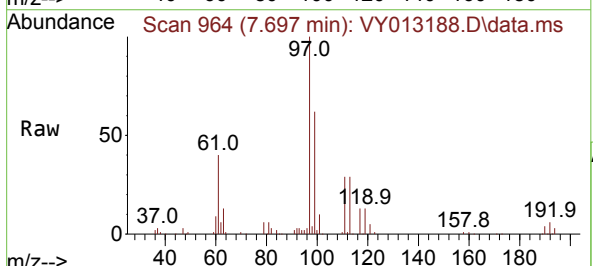
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

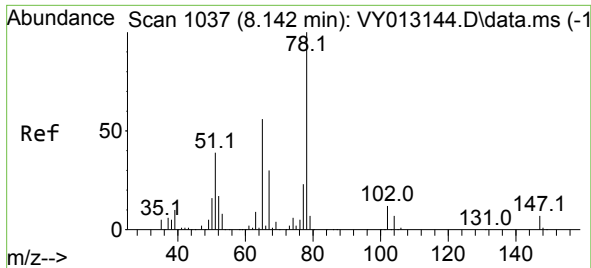
Tgt Ion: 56 Resp: 101003
Ion Ratio Lower Upper
56 100
69 34.1 25.7 38.5
84 93.4 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 50.970 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.007 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 97 Resp: 120625
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.6
61 41.1 34.5 51.7

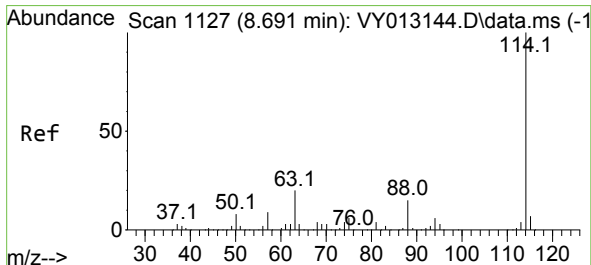
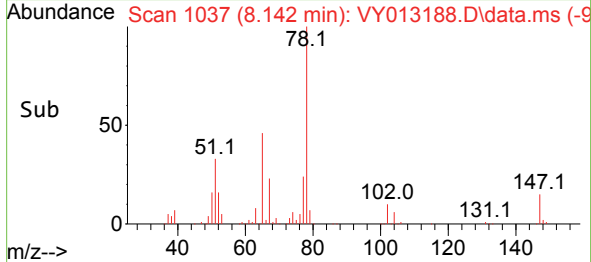
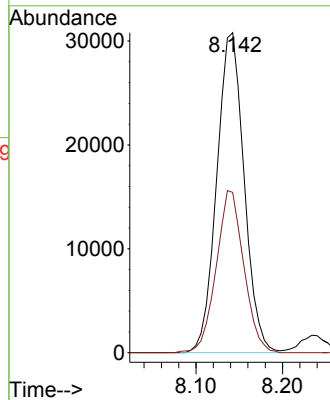
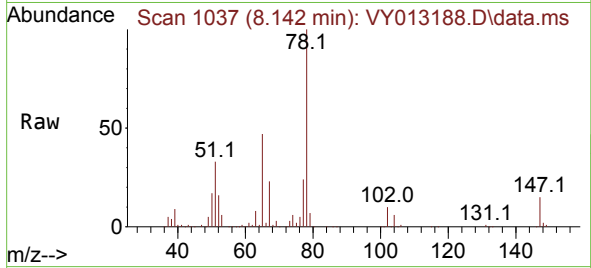




#33
 1,2-Dichloroethane-d4
 Concen: 46.670 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY013188.D
 Acq: 04 Apr 2023 10:39

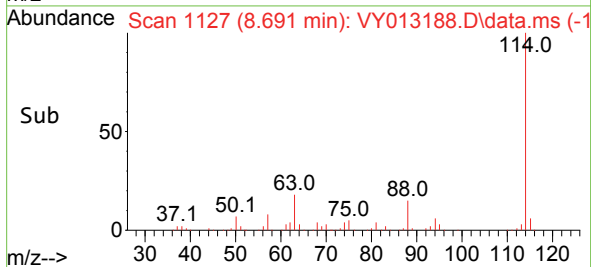
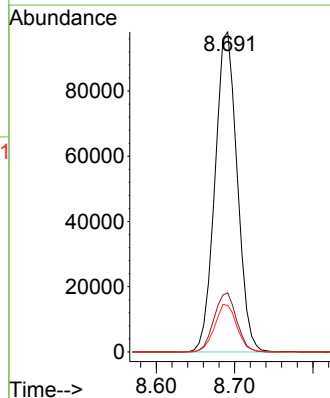
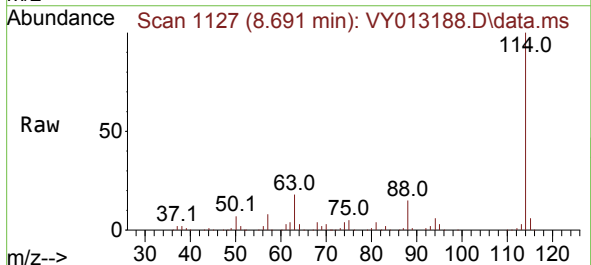
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

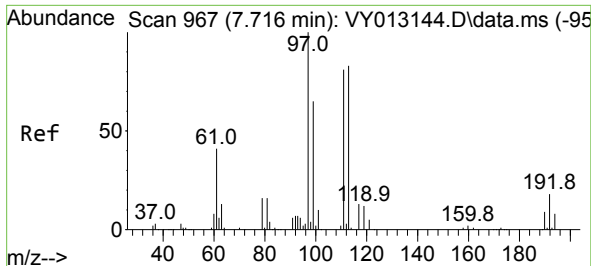
Tgt Ion: 65 Resp: 67638
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013188.D
 Acq: 04 Apr 2023 10:39

Tgt Ion: 114 Resp: 193778
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 37.4
 88 14.5 0.0 28.6

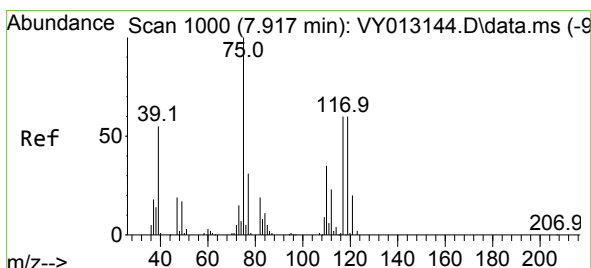
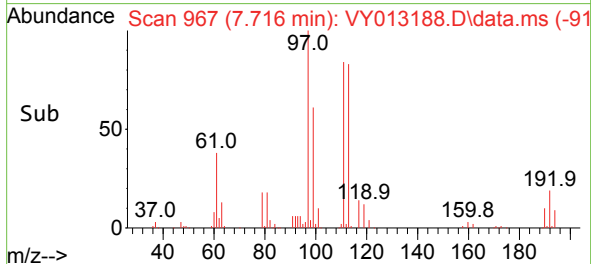
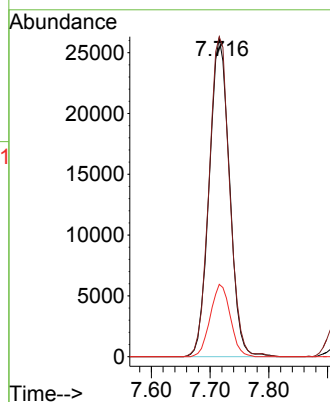
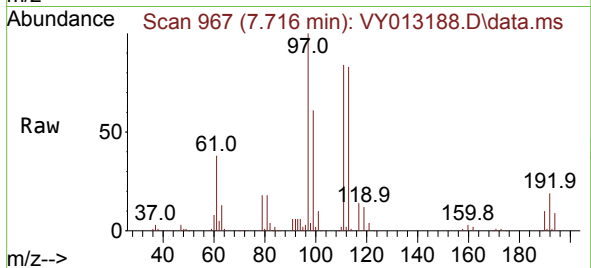




#35
 Dibromofluoromethane
 Concen: 49.533 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY013188.D
 Acq: 04 Apr 2023 10:39

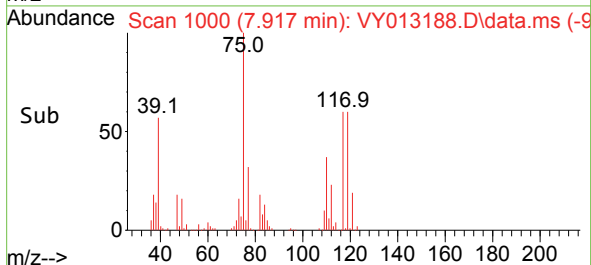
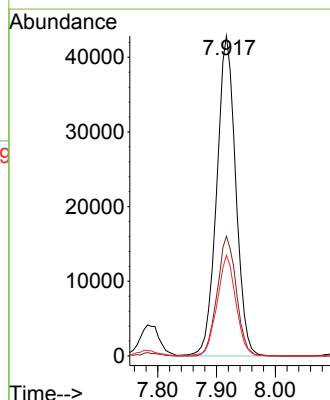
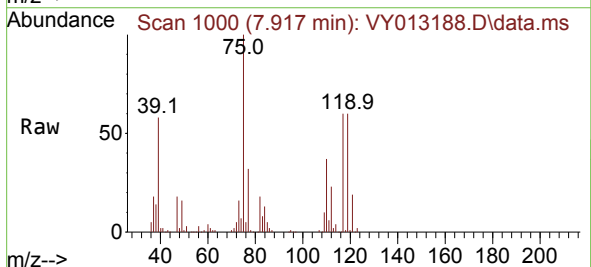
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

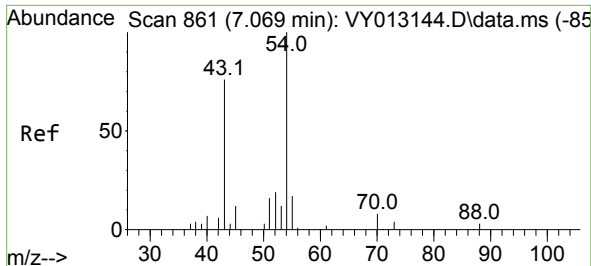
Tgt Ion:113 Resp: 62703
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.2
 192 22.4 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 50.457 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VY013188.D
 Acq: 04 Apr 2023 10:39

Tgt Ion: 75 Resp: 96156
 Ion Ratio Lower Upper
 75 100
 110 37.6 17.8 53.3
 77 31.1 25.0 37.4

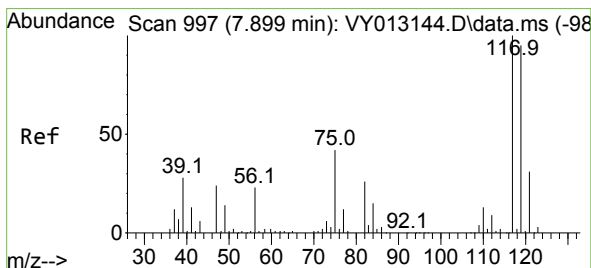
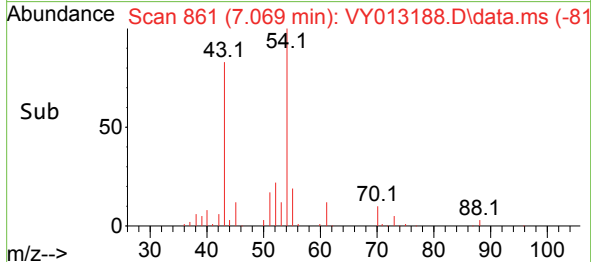
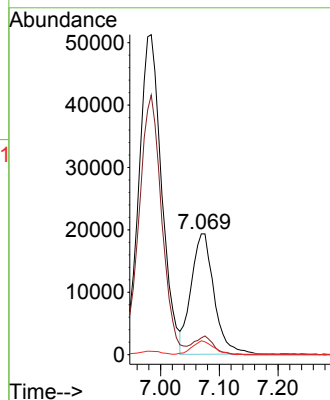
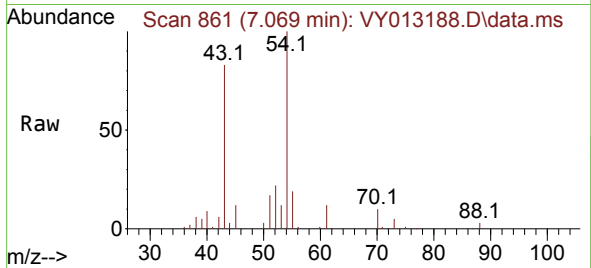




#37
Ethyl Acetate
Concen: 48.300 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

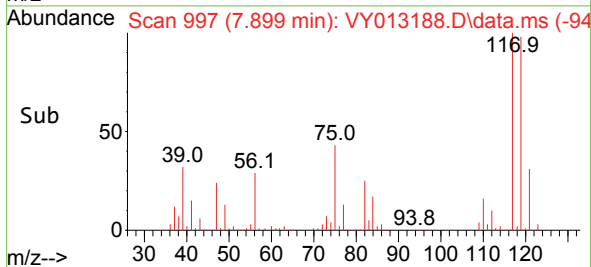
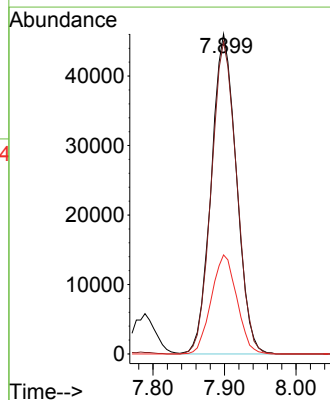
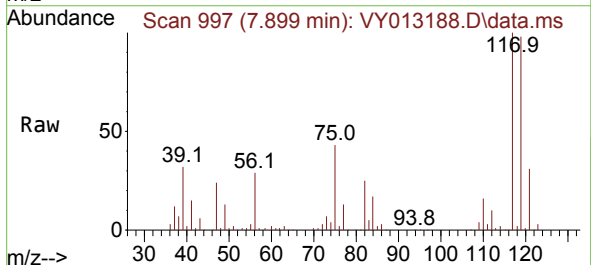
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

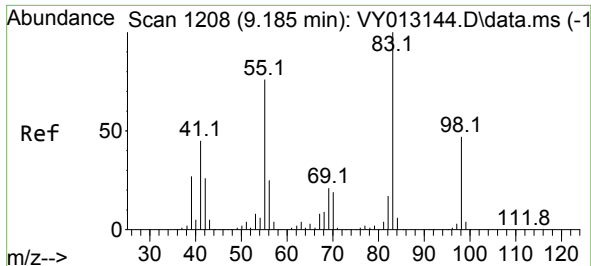
Tgt Ion: 43 Resp: 52288
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 53.546 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 117 Resp: 112591
Ion Ratio Lower Upper
117 100
119 97.5 77.2 115.8
121 31.0 24.7 37.1





#39

Methylcyclohexane

Concen: 51.683 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

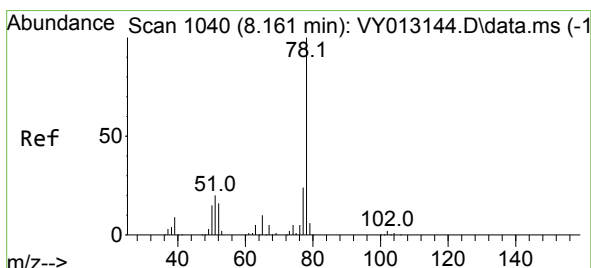
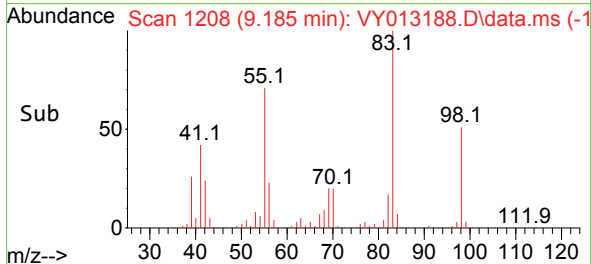
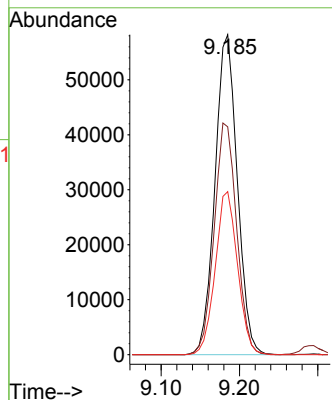
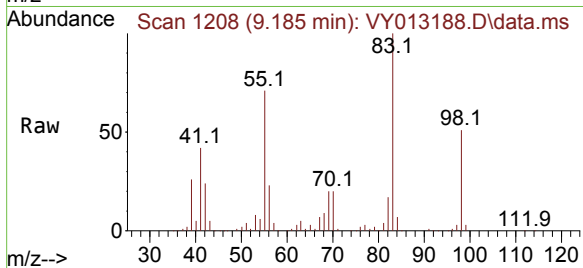
Tgt Ion: 83 Resp: 115550

Ion Ratio Lower Upper

83 100

55 71.2 60.0 90.0

98 51.0 38.3 57.5



#40

Benzene

Concen: 50.507 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013188.D

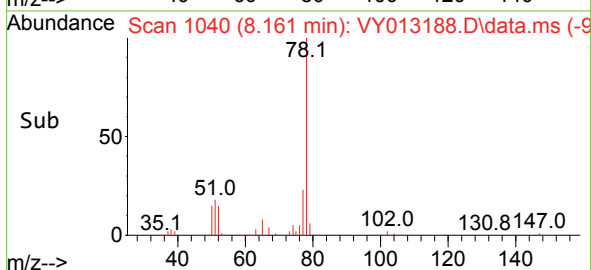
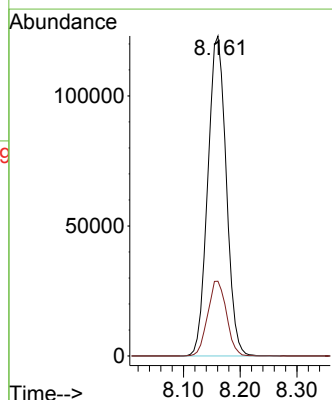
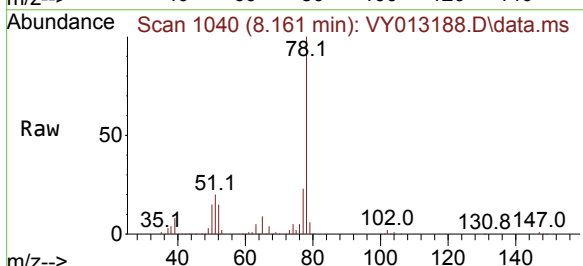
Acq: 04 Apr 2023 10:39

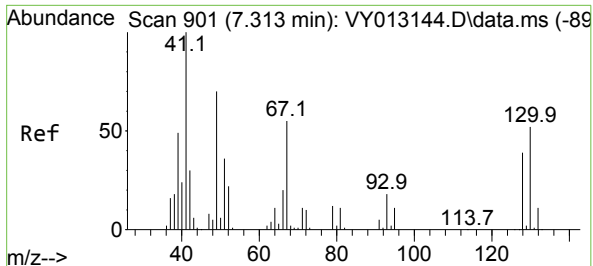
Tgt Ion: 78 Resp: 278000

Ion Ratio Lower Upper

78 100

77 23.3 19.4 29.0

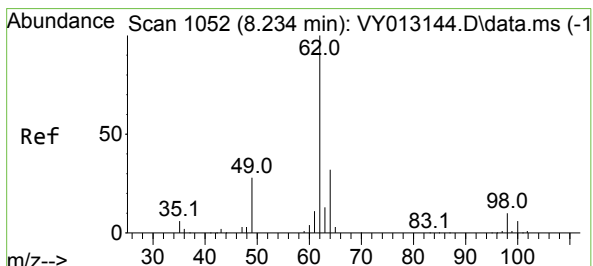
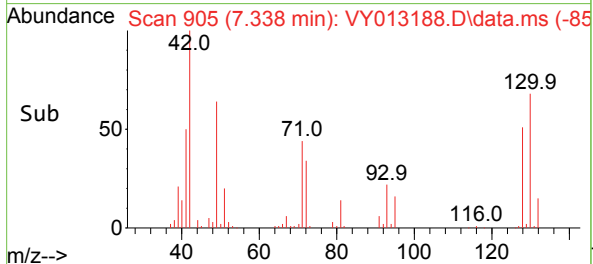
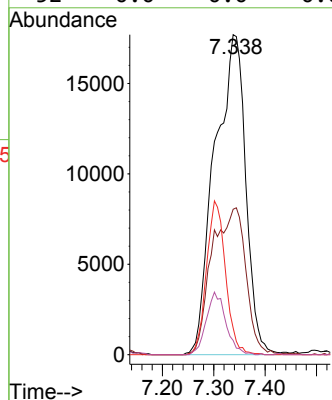
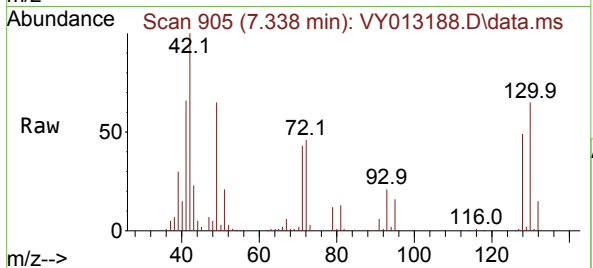




#41
Methacrylonitrile
Concen: 153.638 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.025 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

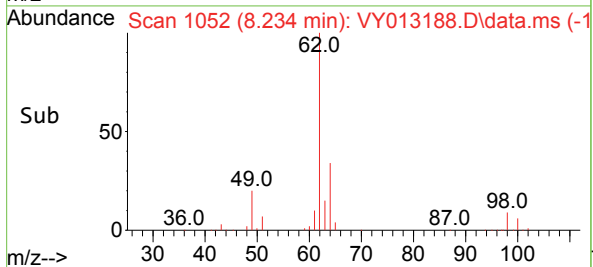
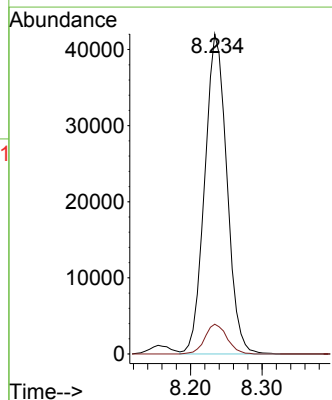
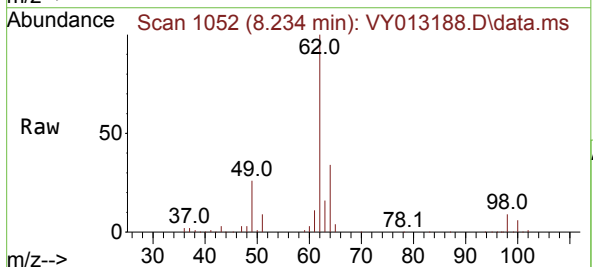
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

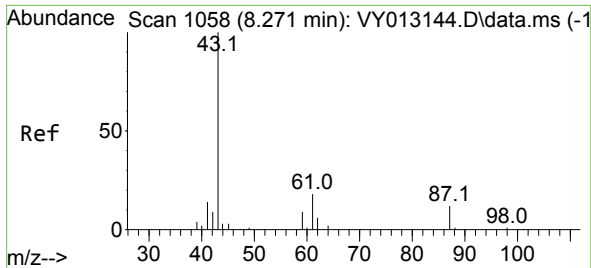
Tgt Ion: 41 Resp: 73786
Ion Ratio Lower Upper
41 100
39 50.5 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.675 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 62 Resp: 90516
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.8

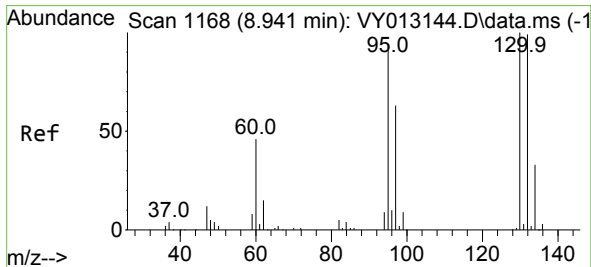
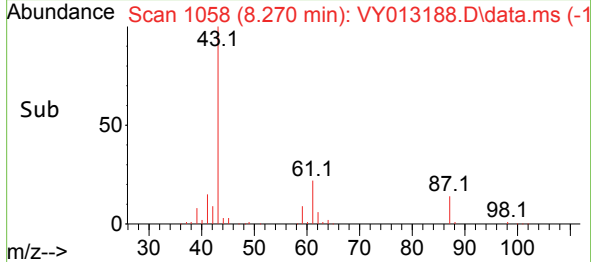
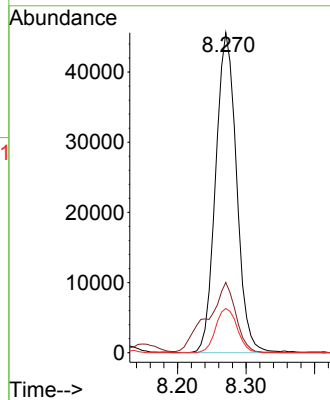
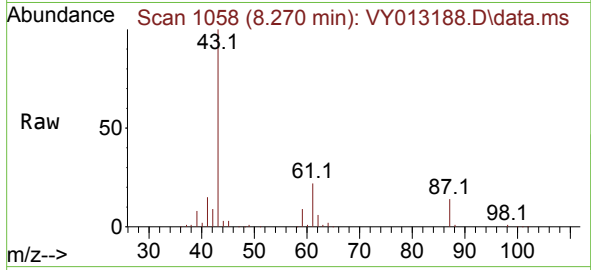




#43
Isopropyl Acetate
Concen: 49.773 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

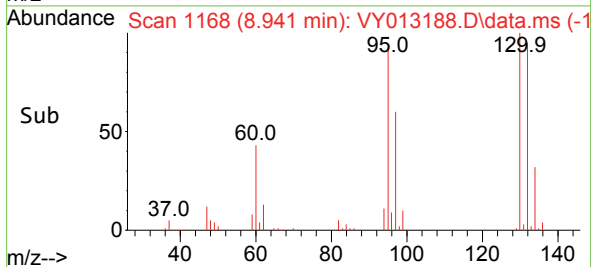
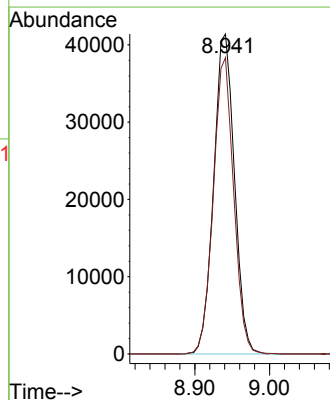
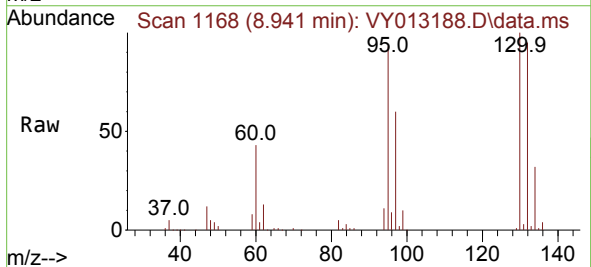
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

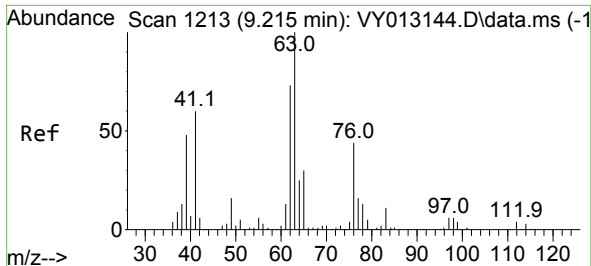
Tgt Ion: 43 Resp: 96448
Ion Ratio Lower Upper
43 100
61 30.0 21.6 32.4
87 14.2 9.9 14.9



#44
Trichloroethene
Concen: 52.810 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 130 Resp: 80019
Ion Ratio Lower Upper
130 100
95 92.6 0.0 185.0

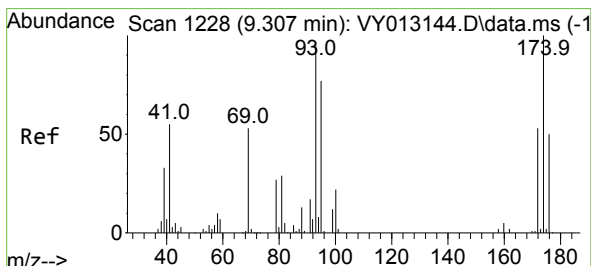
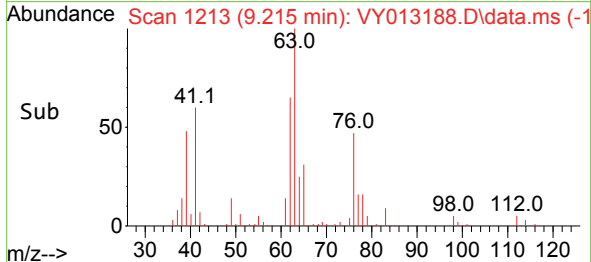
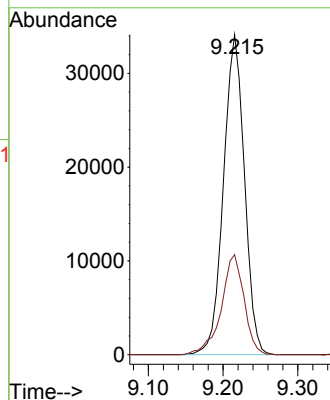
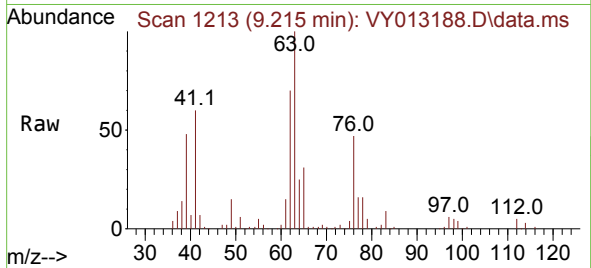




#45
1,2-Dichloropropane
Concen: 48.362 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

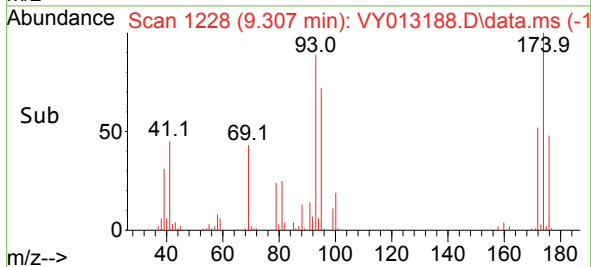
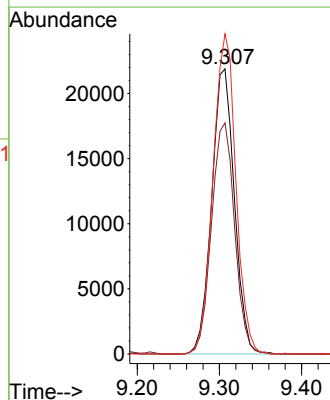
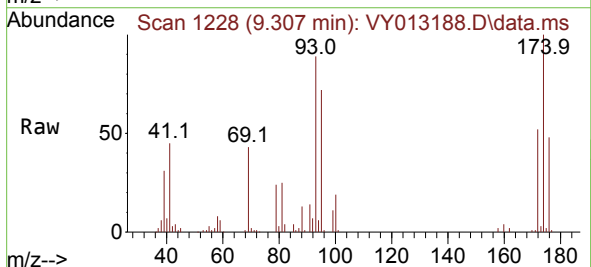
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

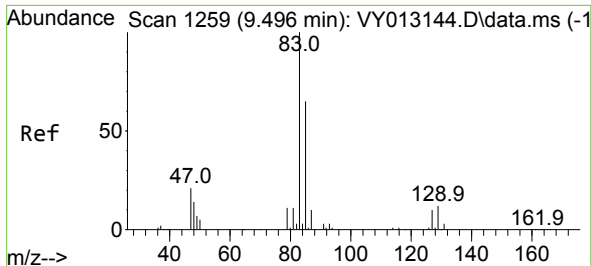
Tgt Ion: 63 Resp: 66658
Ion Ratio Lower Upper
63 100
65 31.2 25.7 38.5



#46
Dibromomethane
Concen: 52.982 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 93 Resp: 41950
Ion Ratio Lower Upper
93 100
95 82.6 65.6 98.4
174 113.0 81.3 121.9

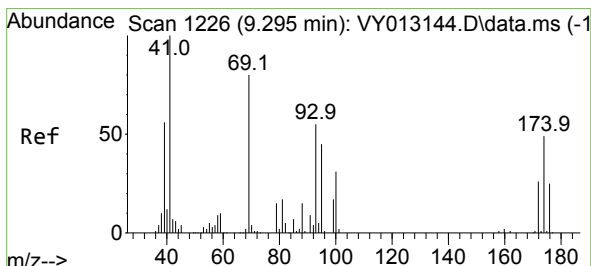
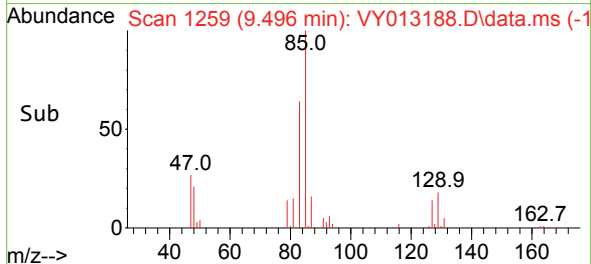
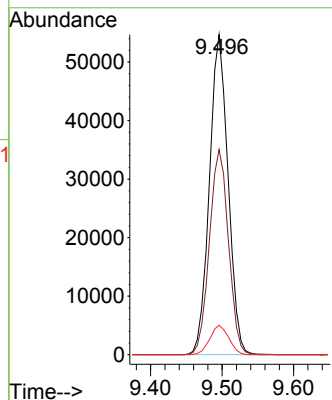
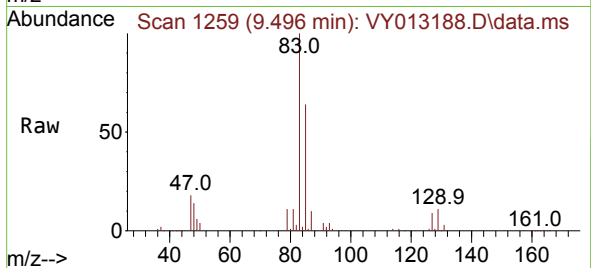




#47
Bromodichloromethane
Concen: 51.806 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

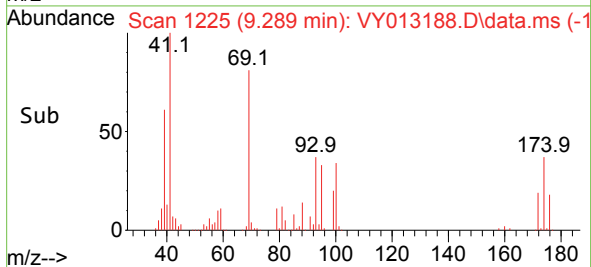
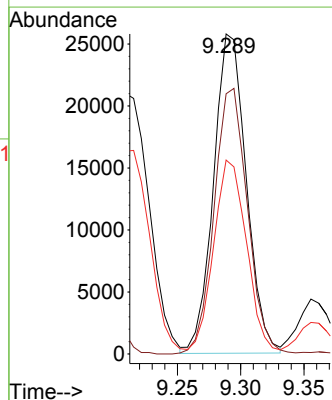
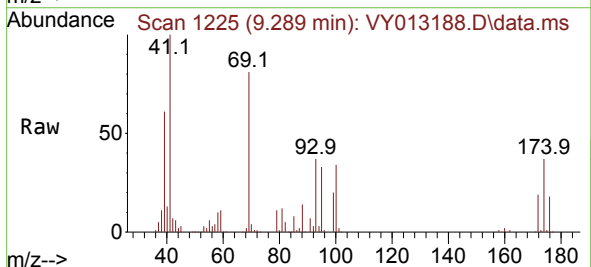
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

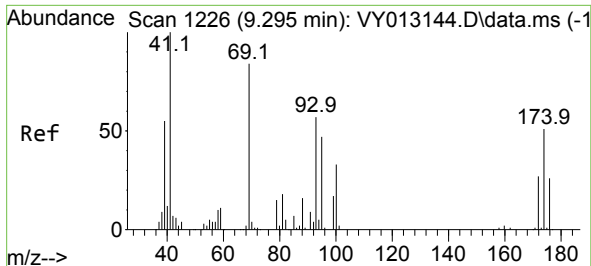
Tgt Ion: 83 Resp: 98974
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4
127 9.2 6.3 9.5



#48
Methyl methacrylate
Concen: 51.419 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 41 Resp: 46404
Ion Ratio Lower Upper
41 100
69 84.7 64.1 96.1
39 58.8 44.0 66.0





#49

1,4-Dioxane

Concen: 1136.806 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

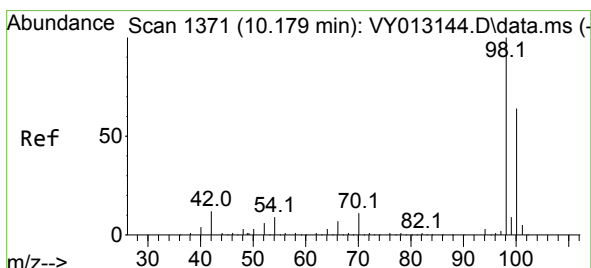
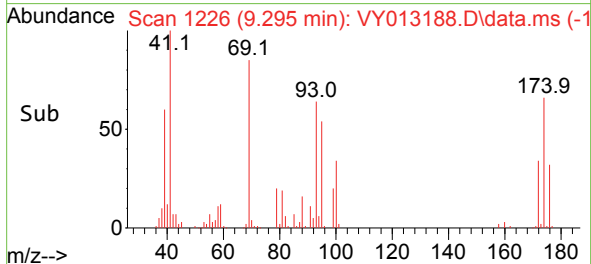
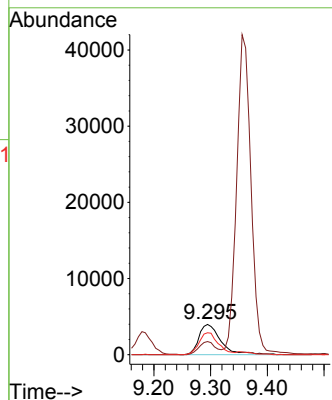
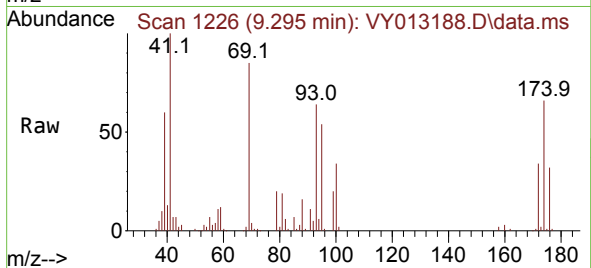
Tgt Ion: 88 Resp: 10708

Ion Ratio Lower Upper

88 100

43 33.0 28.6 42.8

58 63.9 55.2 82.8



#50

Toluene-d8

Concen: 49.017 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013188.D

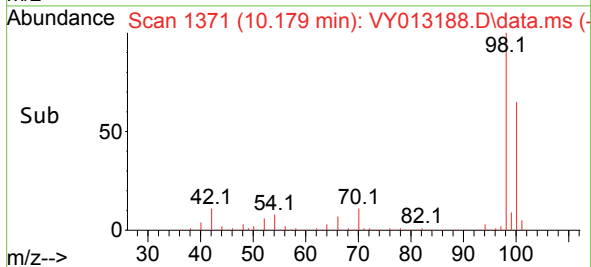
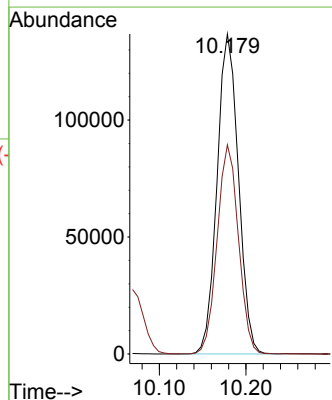
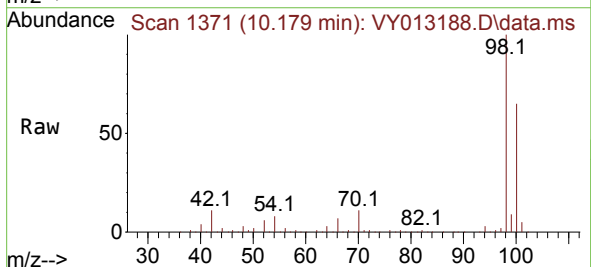
Acq: 04 Apr 2023 10:39

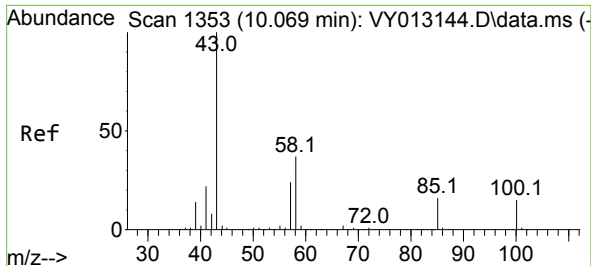
Tgt Ion: 98 Resp: 234246

Ion Ratio Lower Upper

98 100

100 65.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 251.872 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

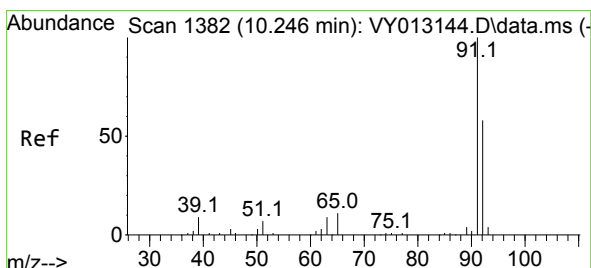
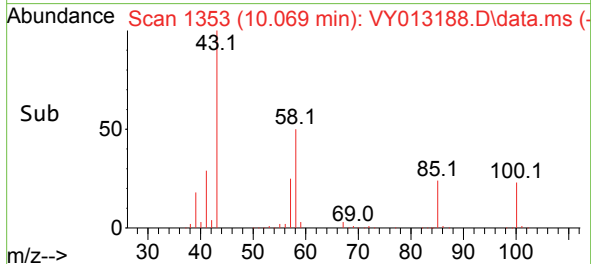
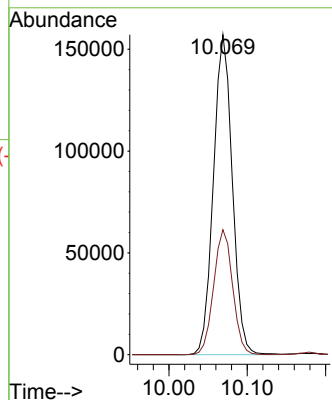
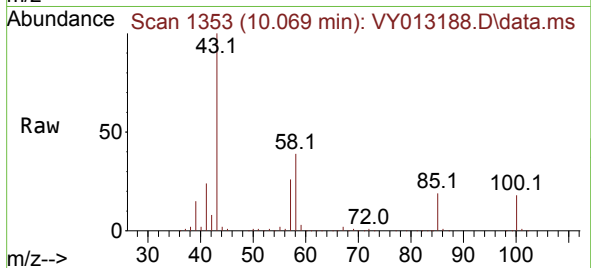
VSTDCCC050

Tgt Ion: 43 Resp: 263406

Ion Ratio Lower Upper

43 100

58 39.3 29.8 44.6



#52

Toluene

Concen: 52.820 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY013188.D

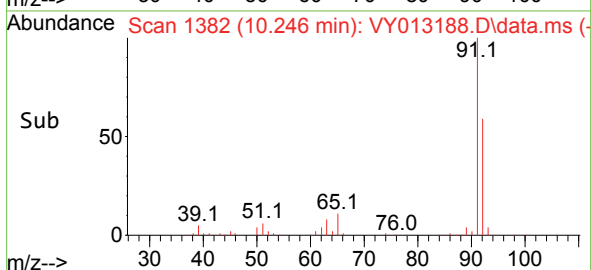
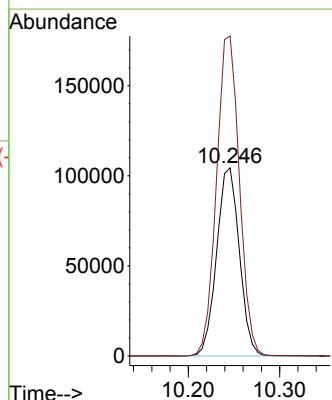
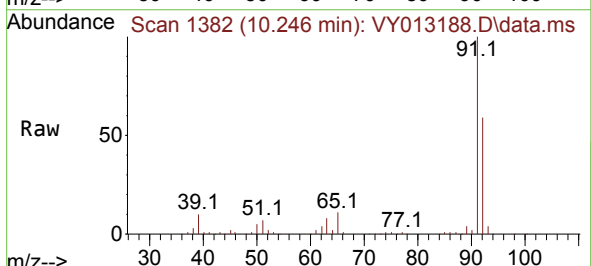
Acq: 04 Apr 2023 10:39

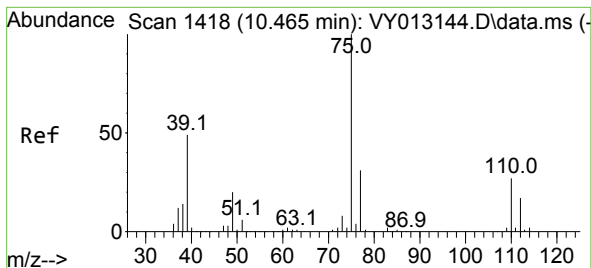
Tgt Ion: 92 Resp: 180343

Ion Ratio Lower Upper

92 100

91 171.6 141.3 211.9

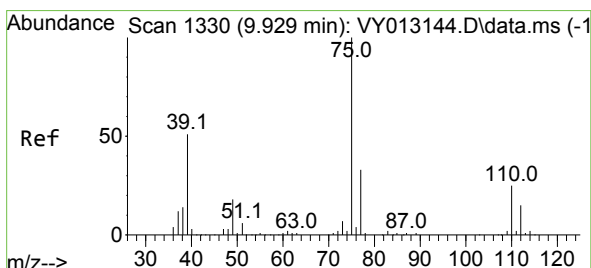
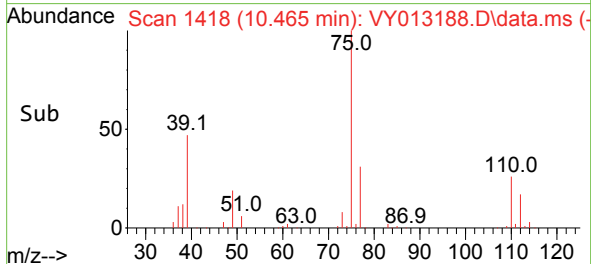
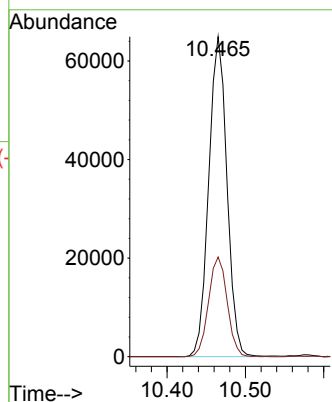
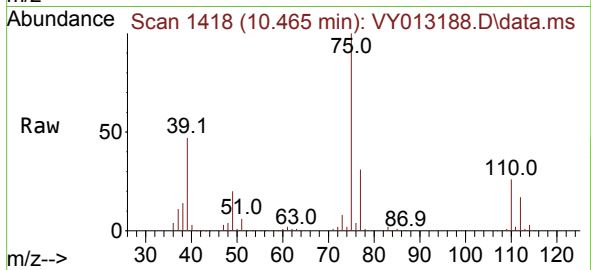




#53
t-1,3-Dichloropropene
Concen: 53.724 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

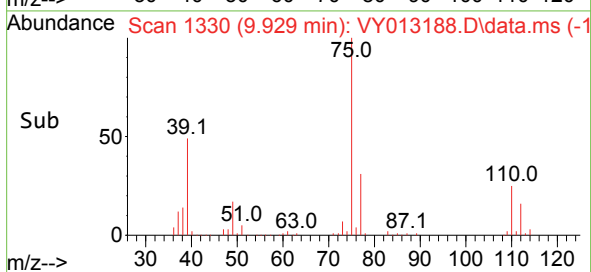
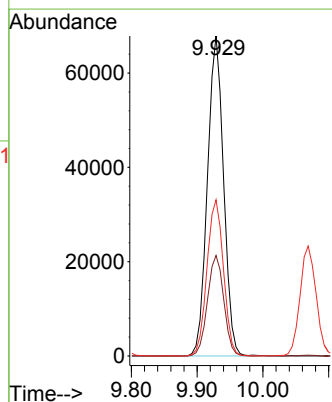
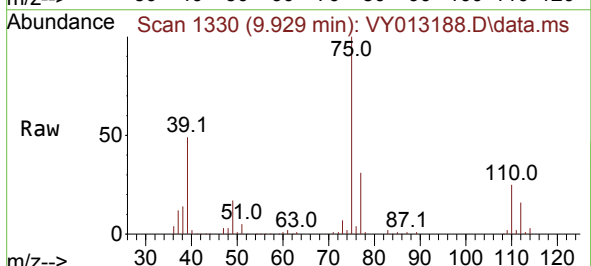
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

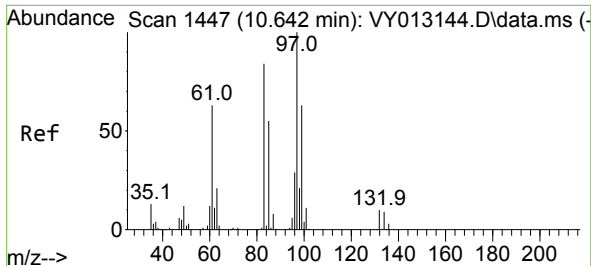
Tgt Ion: 75 Resp: 104910
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 52.012 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 75 Resp: 115997
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 48.8 39.0 58.4

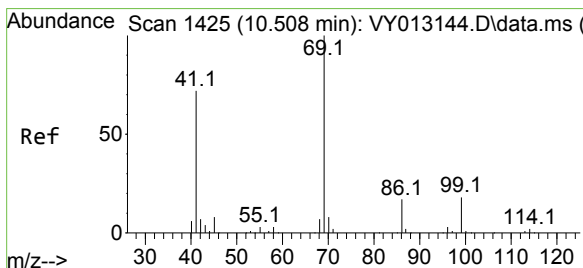
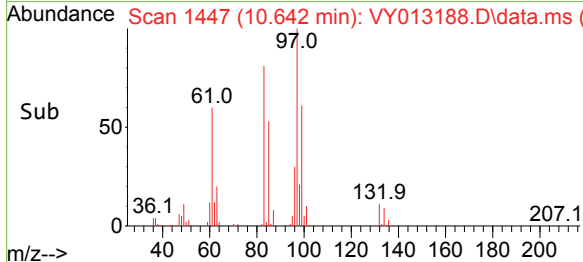
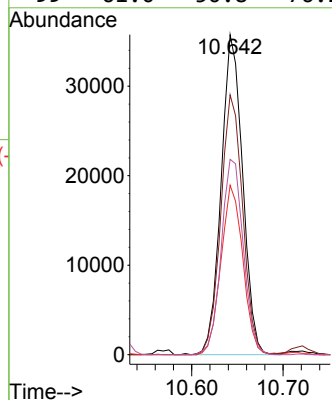
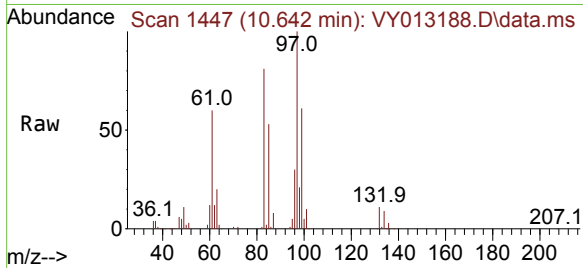




#55
1,1,2-Trichloroethane
Concen: 53.503 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

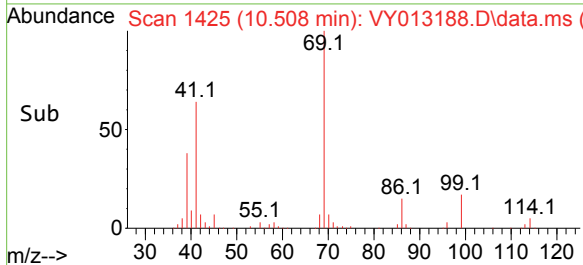
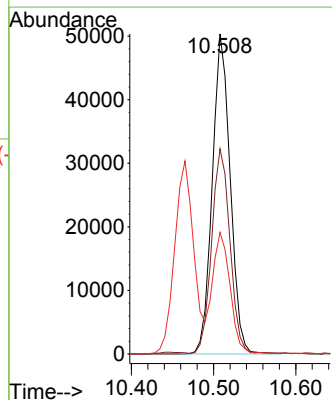
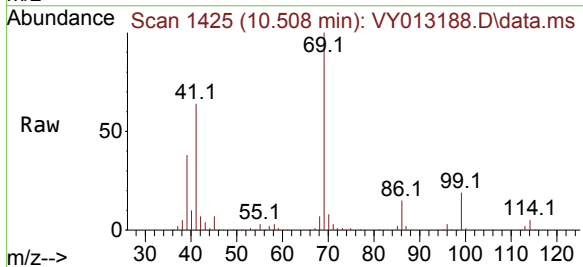
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

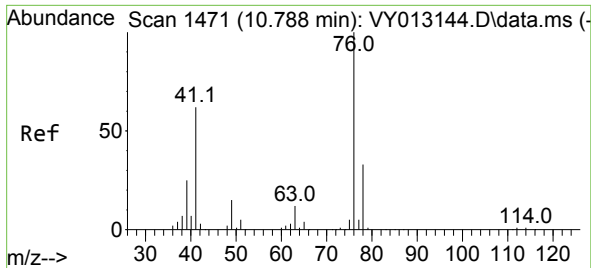
Tgt Ion: 97	Resp: 58557
Ion Ratio	Lower Upper
97 100	
83 81.2	69.0 103.6
85 52.9	44.9 67.3
99 61.0	50.8 76.2



#56
Ethyl methacrylate
Concen: 55.417 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 69	Resp: 76258
Ion Ratio	Lower Upper
69 100	
41 64.8	56.4 84.6
39 36.5	30.8 46.2

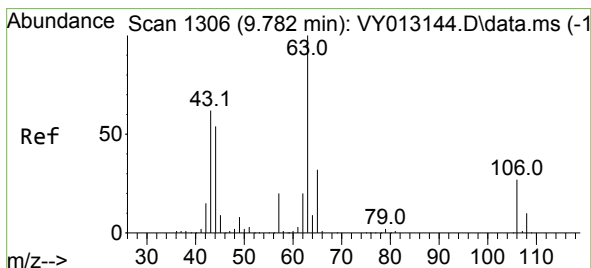
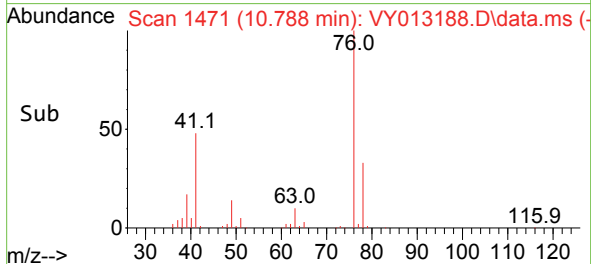
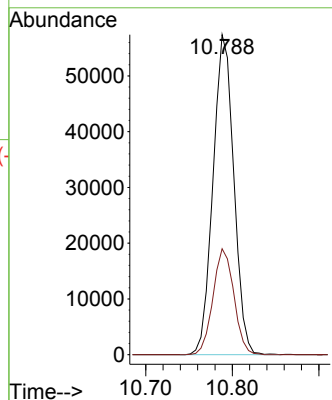
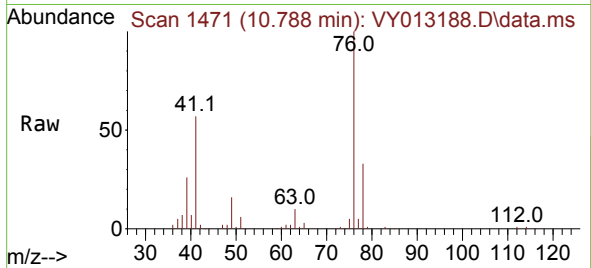




#57
1,3-Dichloropropane
Concen: 51.771 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

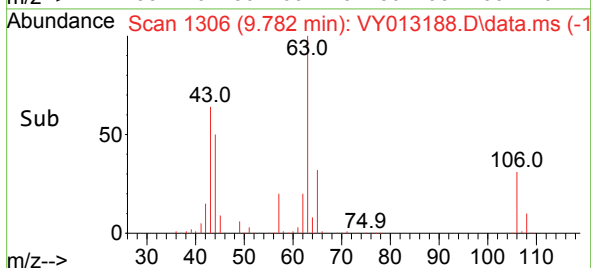
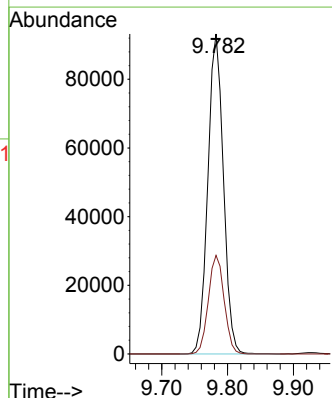
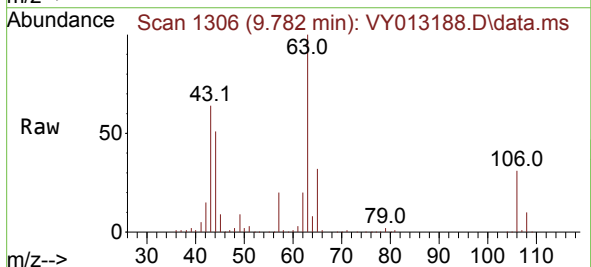
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

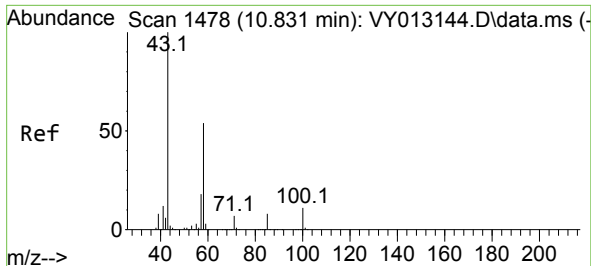
Tgt Ion: 76 Resp: 95655
Ion Ratio Lower Upper
76 100
78 33.2 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 237.747 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 63 Resp: 152973
Ion Ratio Lower Upper
63 100
106 31.2 22.1 33.1





#59

2-Hexanone

Concen: 273.110 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

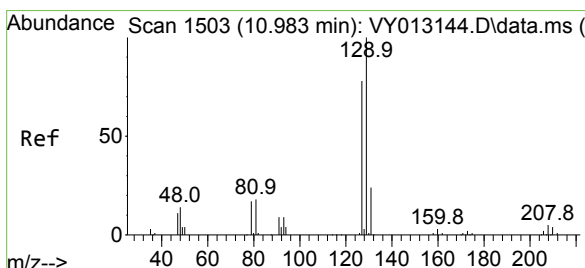
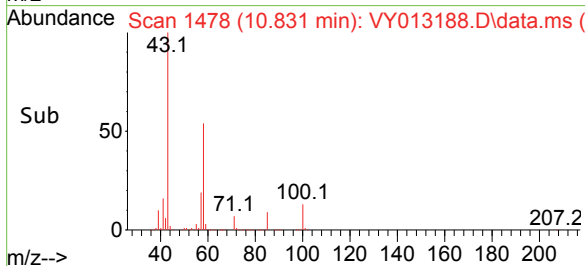
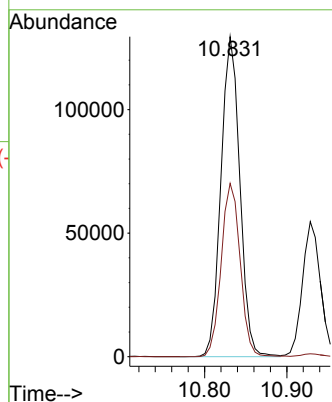
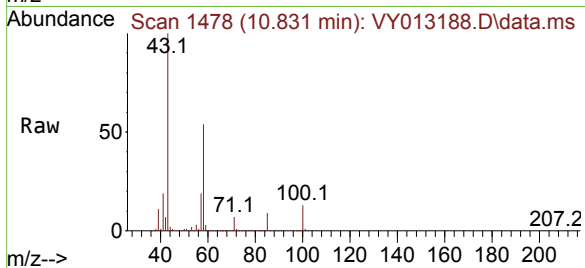
VSTDCCC050

Tgt Ion: 43 Resp: 206565

Ion Ratio Lower Upper

43 100

58 54.3 25.9 77.8



#60

Dibromochloromethane

Concen: 55.878 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY013188.D

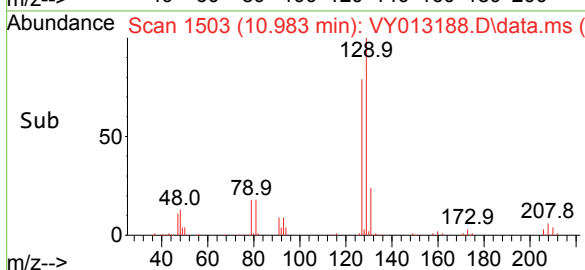
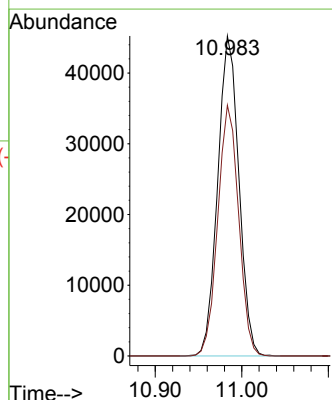
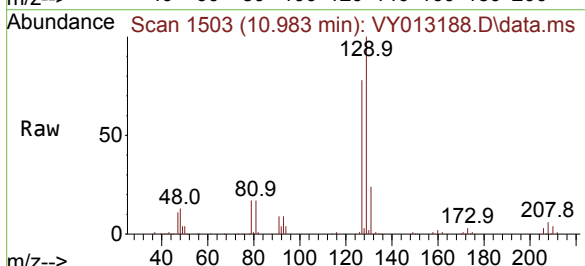
Acq: 04 Apr 2023 10:39

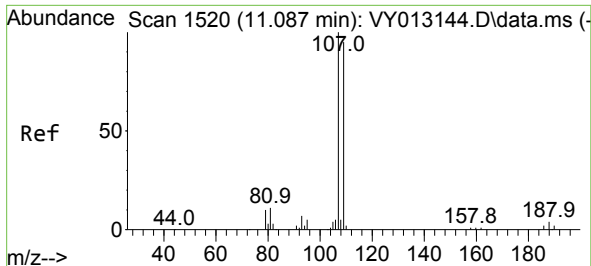
Tgt Ion: 129 Resp: 76811

Ion Ratio Lower Upper

129 100

127 77.3 38.7 116.1

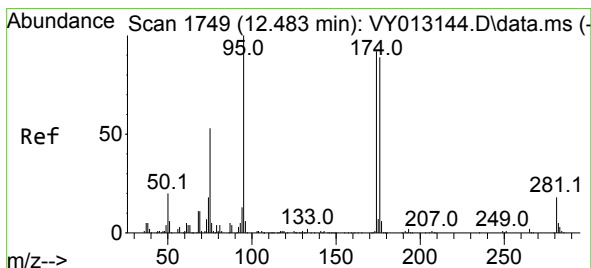
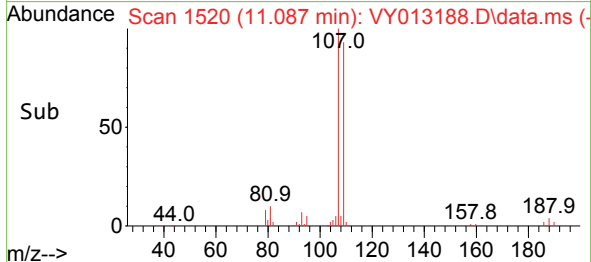
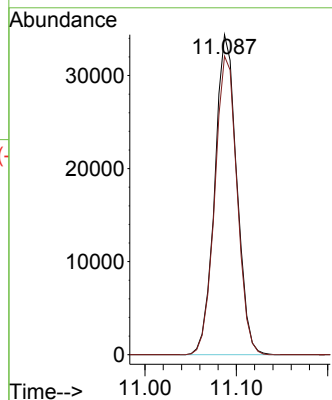
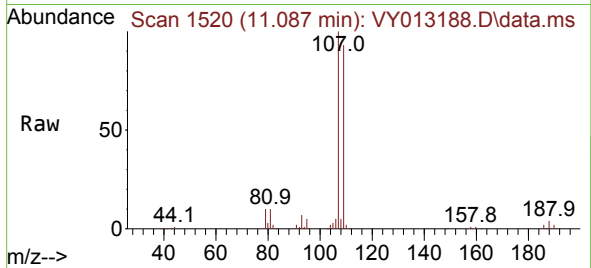




#61
1,2-Dibromoethane
Concen: 54.154 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

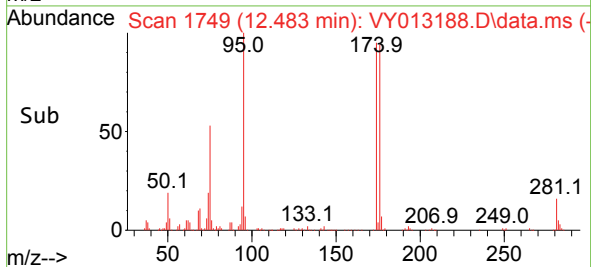
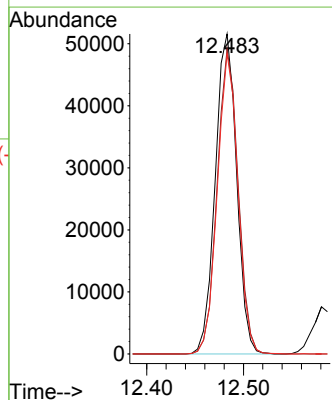
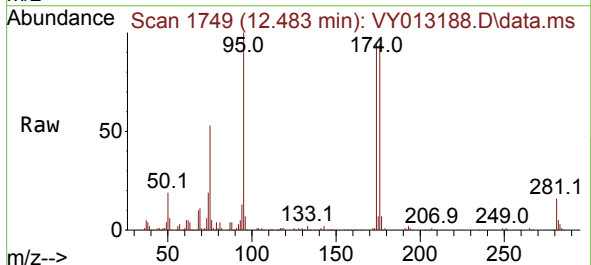
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

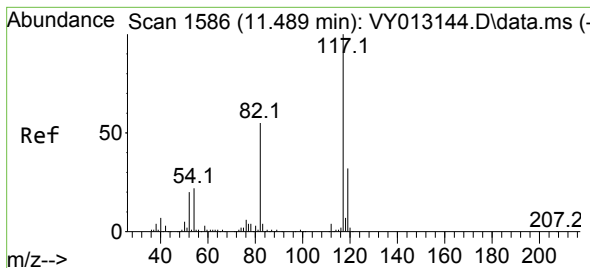
Tgt Ion:107 Resp: 57427
Ion Ratio Lower Upper
107 100
109 94.6 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 50.931 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 95 Resp: 79226
Ion Ratio Lower Upper
95 100
174 93.5 0.0 176.6
176 90.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

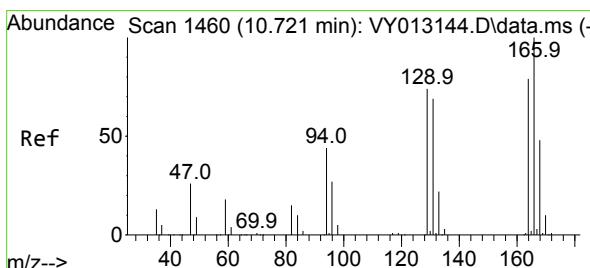
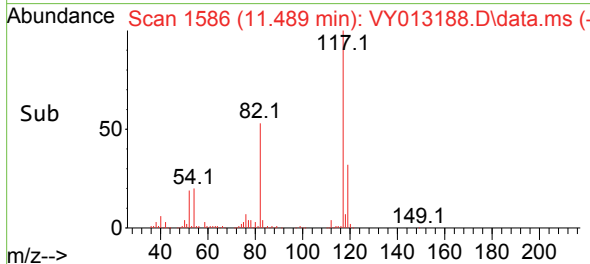
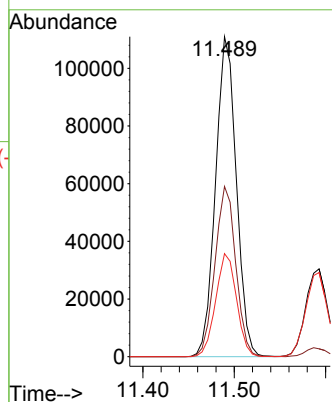
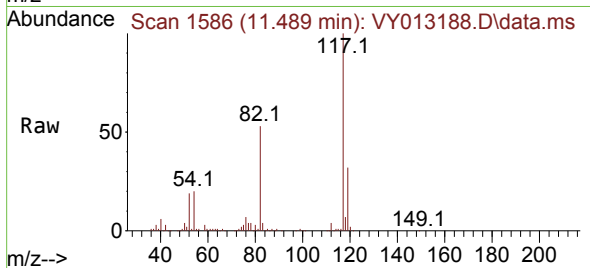
Tgt Ion:117 Resp: 175411

Ion Ratio Lower Upper

117 100

82 53.2 45.4 68.0

119 32.2 25.6 38.4



#64

Tetrachloroethene

Concen: 53.711 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Tgt Ion:164 Resp: 72431

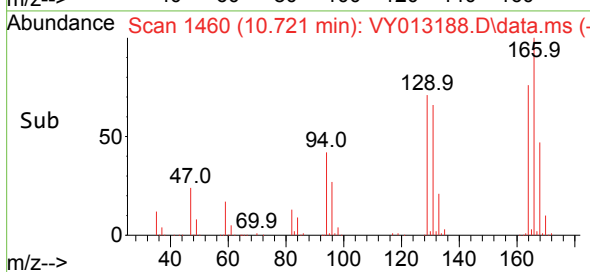
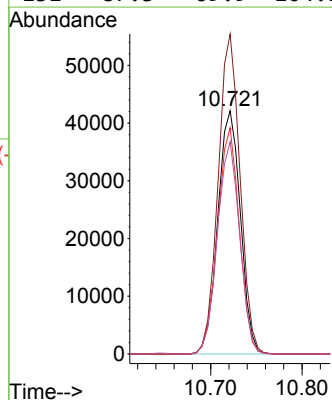
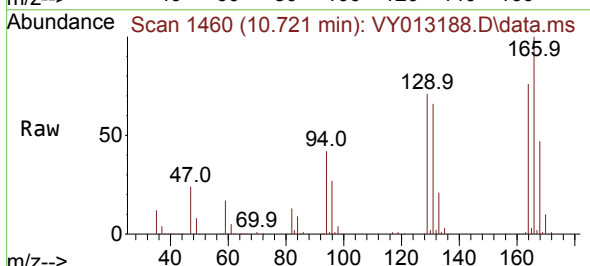
Ion Ratio Lower Upper

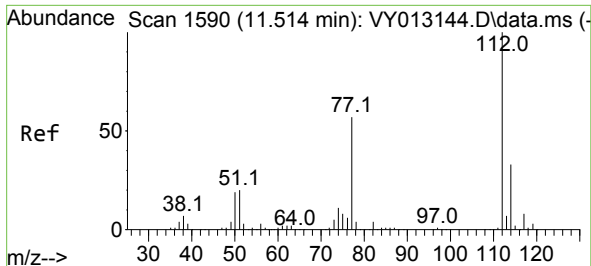
164 100

166 131.6 103.4 155.2

129 93.0 71.4 107.2

131 87.3 69.9 104.9

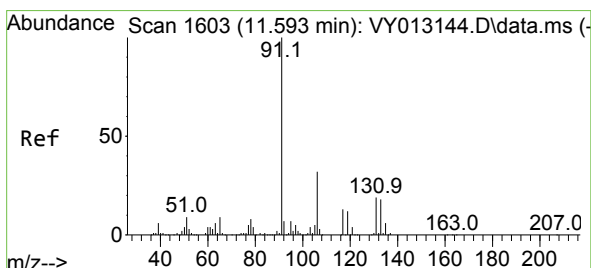
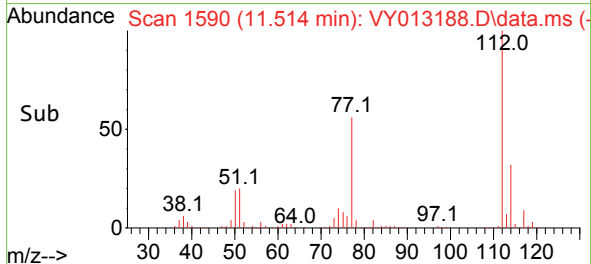
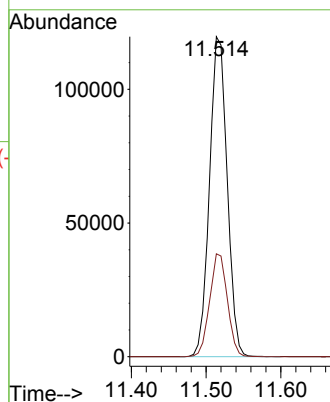
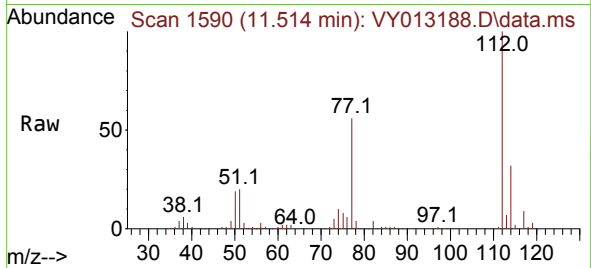




#65
Chlorobenzene
Concen: 52.768 ug/l
RT: 11.514 min Scan# 112
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

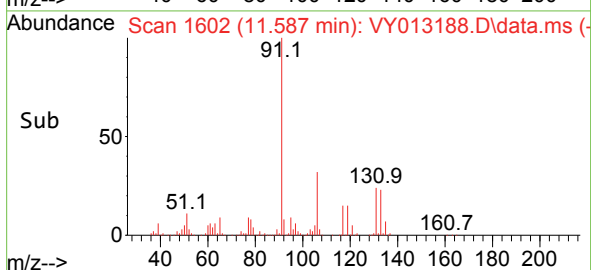
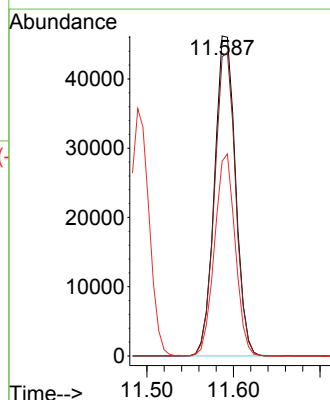
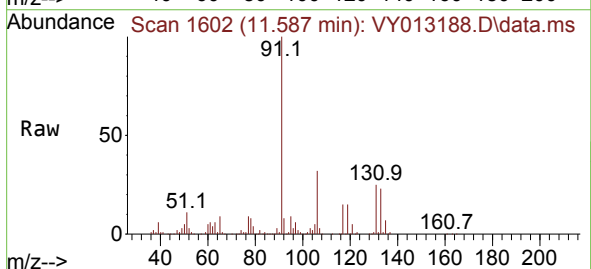
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

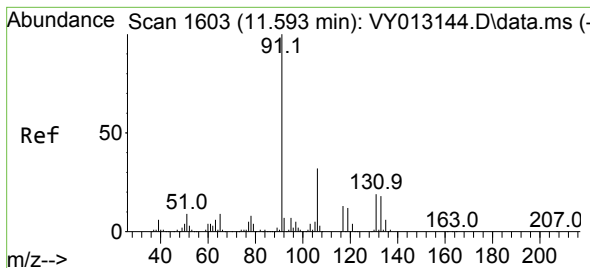
Tgt Ion:112 Resp: 196501
Ion Ratio Lower Upper
112 100
114 32.1 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 55.859 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion:131 Resp: 77982
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.0
119 62.1 32.6 98.0





#67

Ethyl Benzene

Concen: 53.825 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

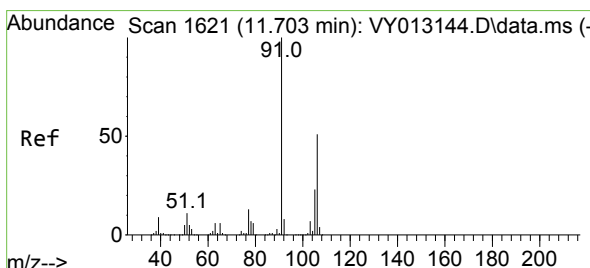
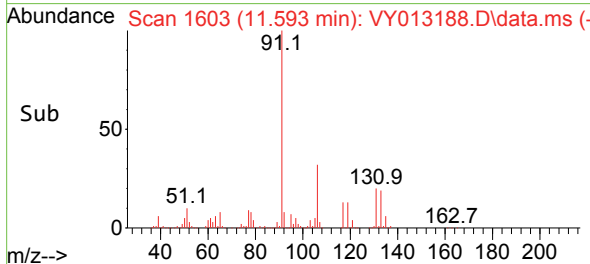
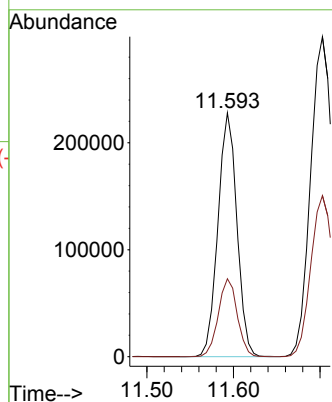
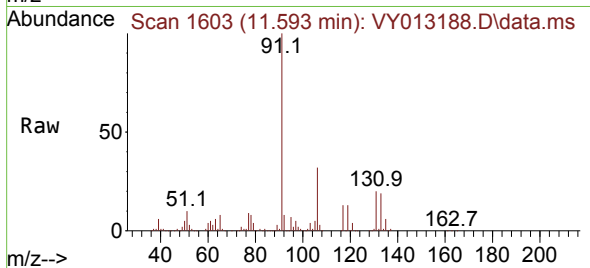
VSTDCCC050

Tgt Ion: 91 Resp: 346178

Ion Ratio Lower Upper

91 100

106 32.0 25.1 37.7



#68

m/p-Xylenes

Concen: 110.270 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013188.D

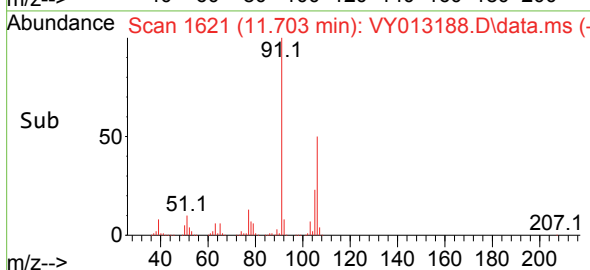
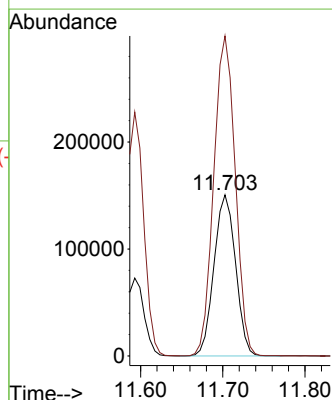
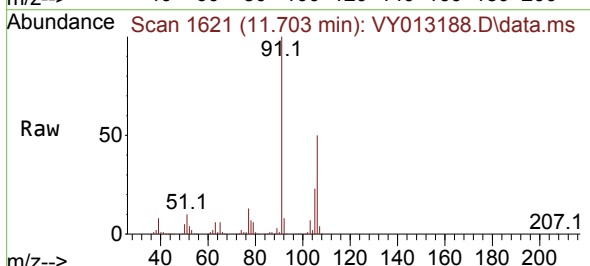
Acq: 04 Apr 2023 10:39

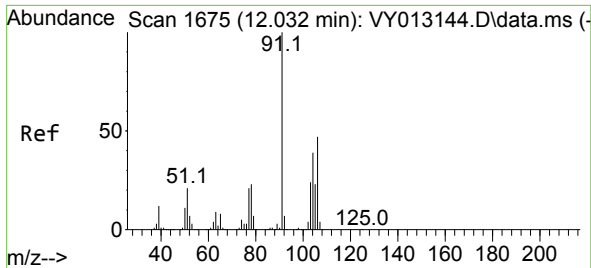
Tgt Ion: 106 Resp: 274347

Ion Ratio Lower Upper

106 100

91 198.3 159.8 239.8

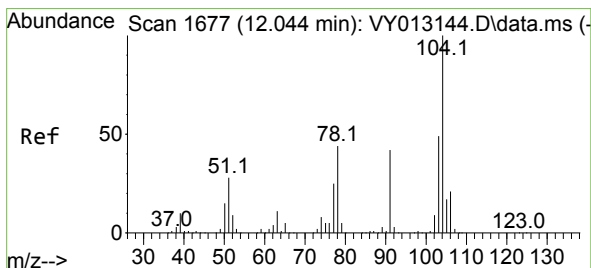
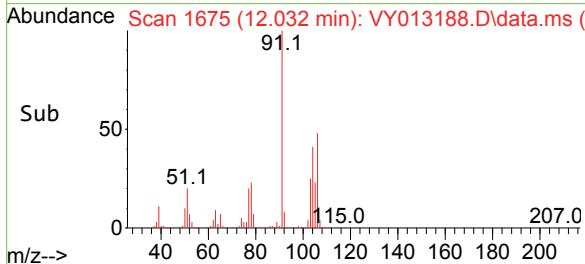
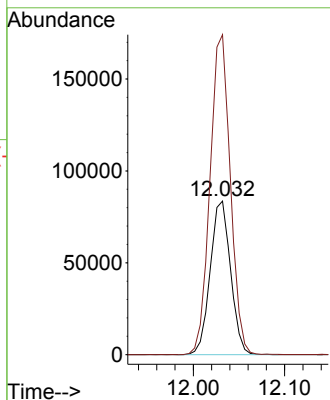
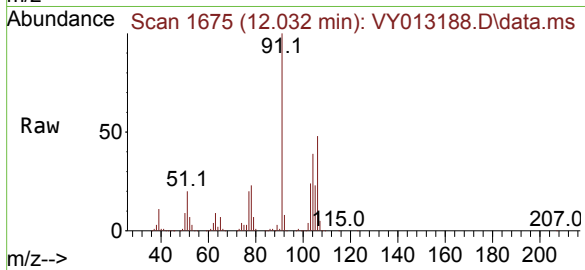




#69
o-Xylene
Concen: 56.029 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

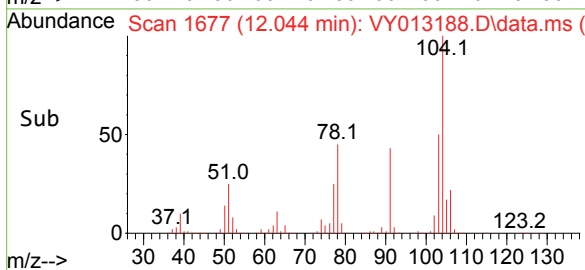
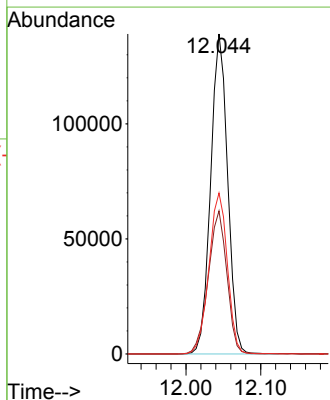
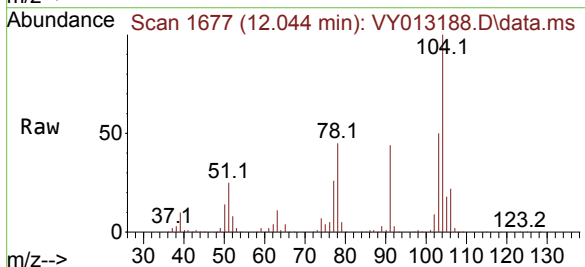
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

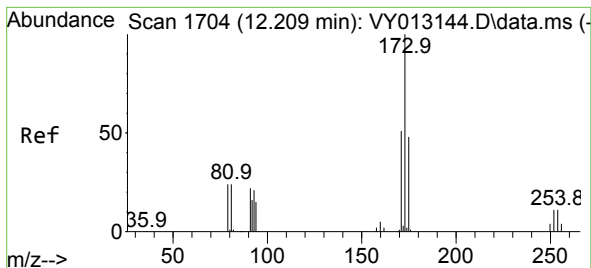
Tgt Ion:106 Resp: 129299
Ion Ratio Lower Upper
106 100
91 208.5 107.2 321.6



#70
Styrene
Concen: 56.933 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion:104 Resp: 219781
Ion Ratio Lower Upper
104 100
78 48.9 39.2 58.8
103 54.8 43.7 65.5





#71

Bromoform

Concen: 58.827 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

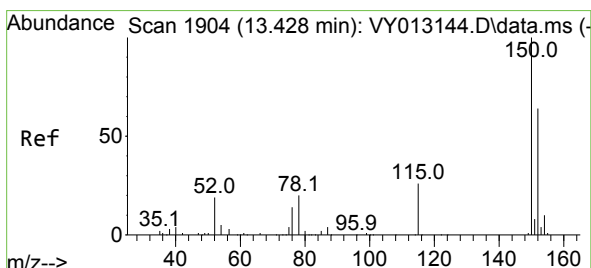
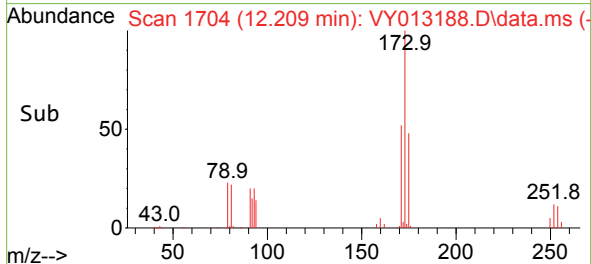
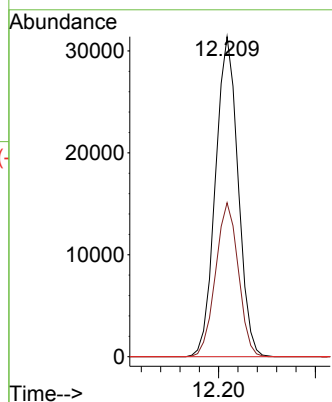
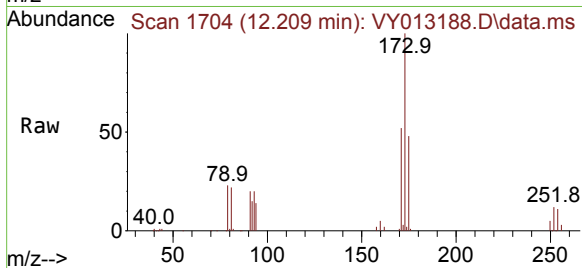
Tgt Ion:173 Resp: 50926

Ion Ratio Lower Upper

173 100

175 48.4 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

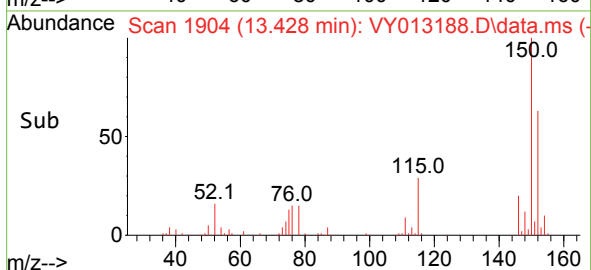
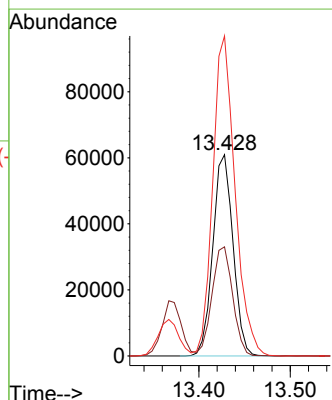
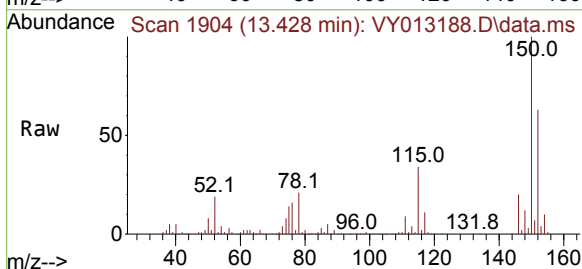
Tgt Ion:152 Resp: 93500

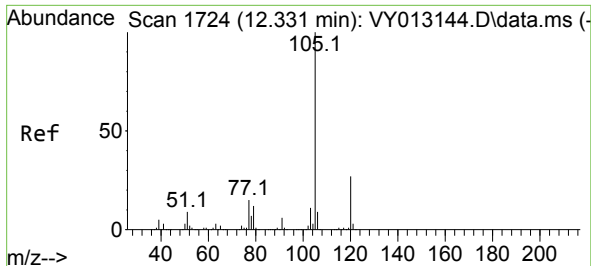
Ion Ratio Lower Upper

152 100

115 55.5 27.1 81.3

150 175.0 0.0 347.8

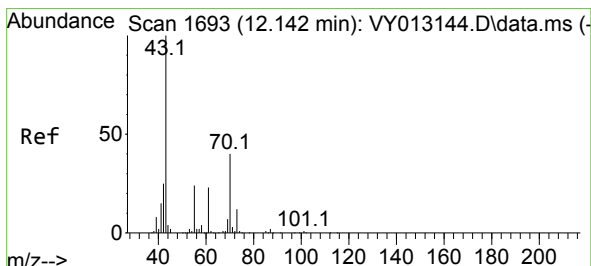
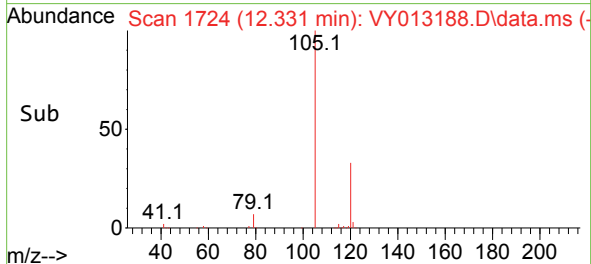
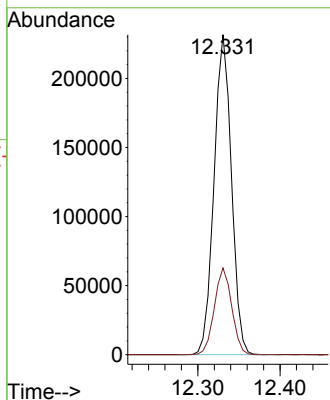
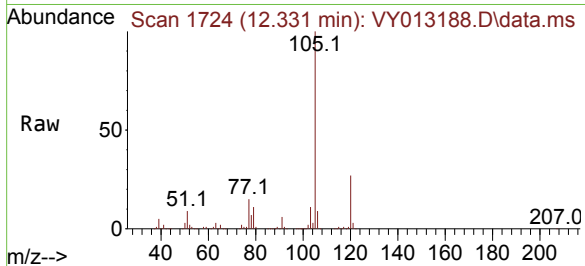




#73
Isopropylbenzene
Concen: 52.795 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

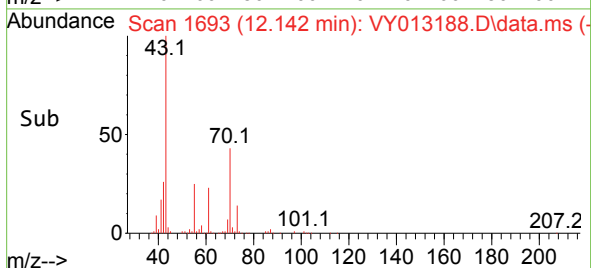
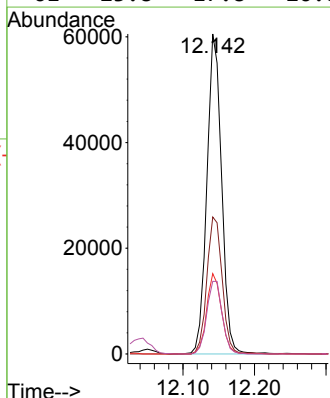
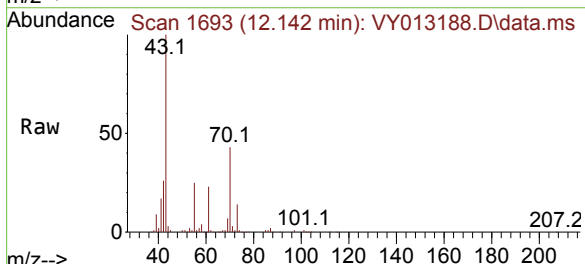
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

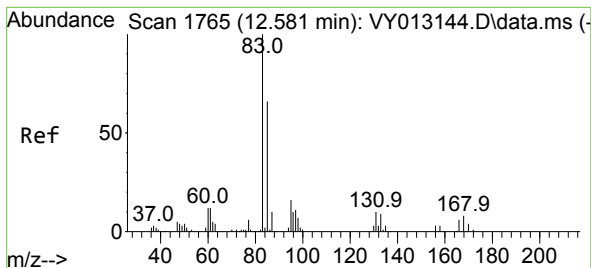
Tgt Ion:105 Resp: 340748
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 48.836 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 43 Resp: 86541
Ion Ratio Lower Upper
43 100
70 44.5 31.6 47.4
55 25.3 18.8 28.2
61 23.8 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.030 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

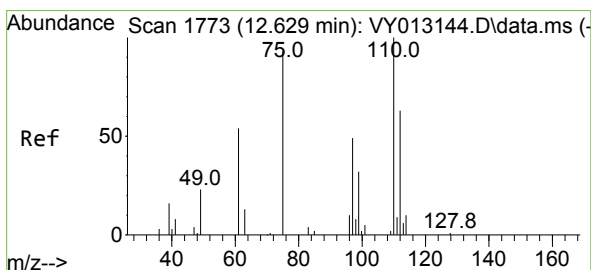
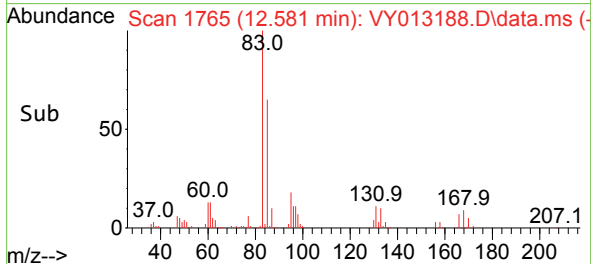
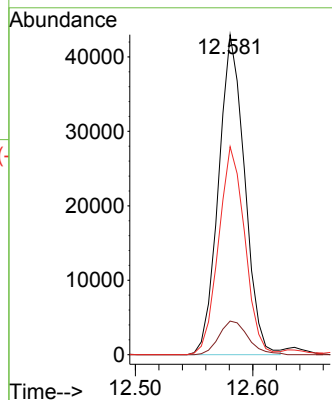
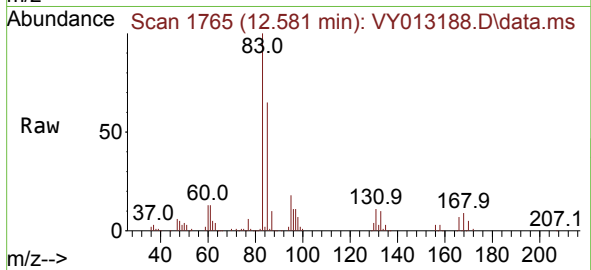
Tgt Ion: 83 Resp: 66285

Ion Ratio Lower Upper

83 100

131 11.7 5.1 15.2

85 65.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 84.801 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY013188.D

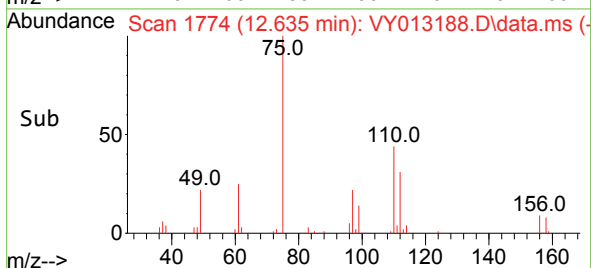
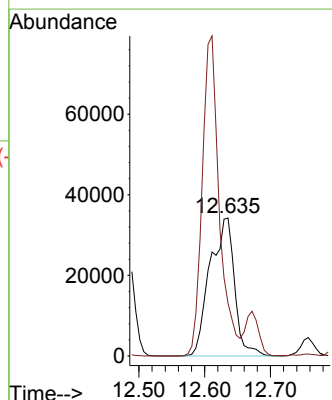
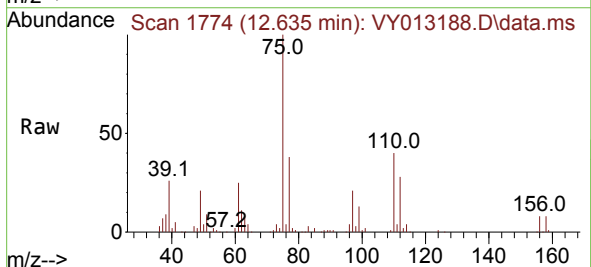
Acq: 04 Apr 2023 10:39

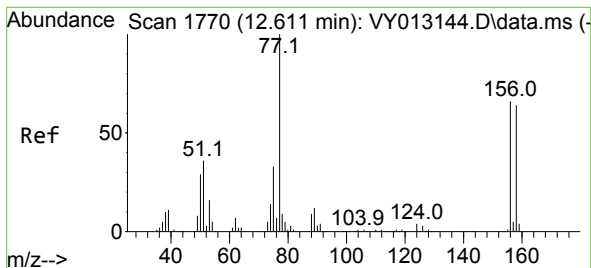
Tgt Ion: 75 Resp: 89072

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.084 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

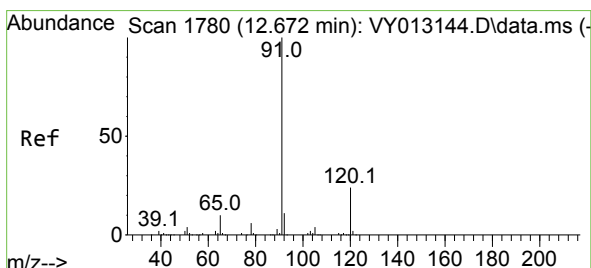
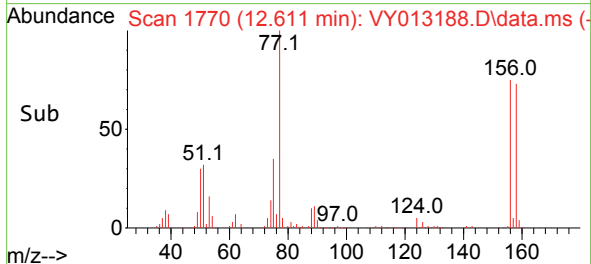
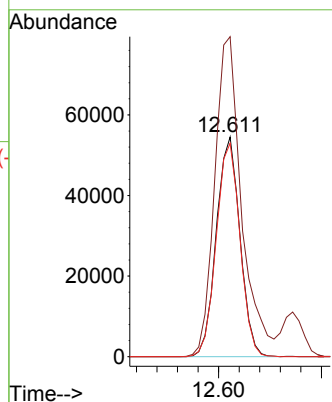
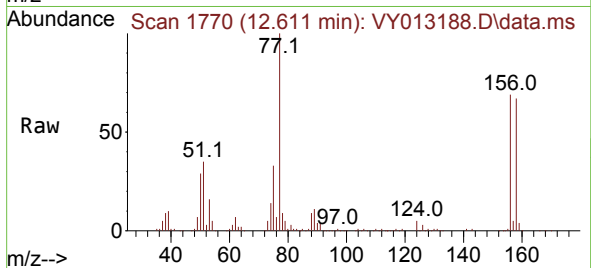
Tgt Ion:156 Resp: 86784

Ion Ratio Lower Upper

156 100

77 166.1 94.0 282.1

158 97.6 48.1 144.4



#78

n-propylbenzene

Concen: 51.700 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013188.D

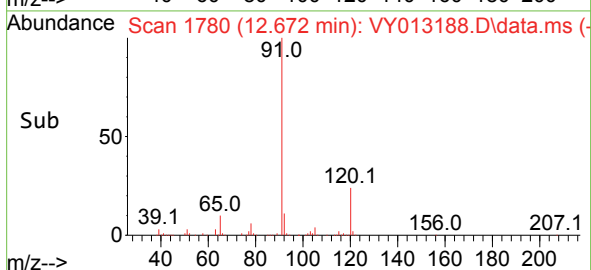
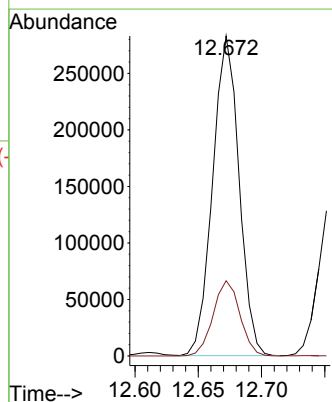
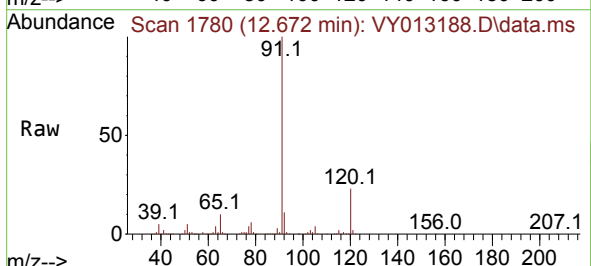
Acq: 04 Apr 2023 10:39

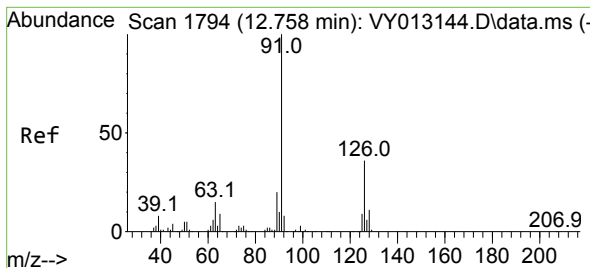
Tgt Ion: 91 Resp: 410273

Ion Ratio Lower Upper

91 100

120 23.8 11.6 34.8





#79

2-Chlorotoluene

Concen: 51.115 ug/l

RT: 12.757 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

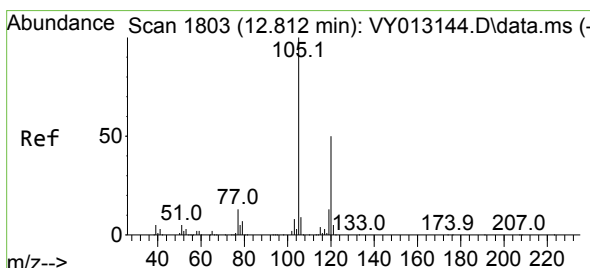
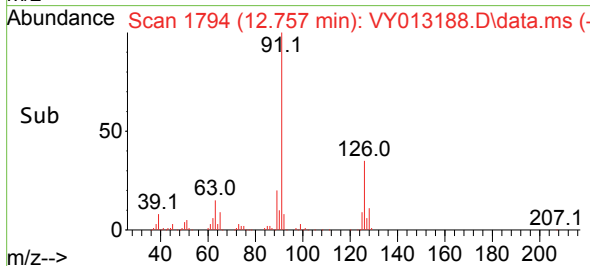
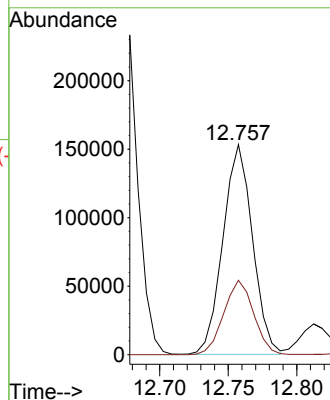
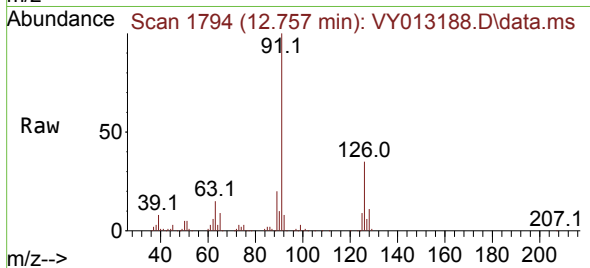
VSTDCCC050

Tgt Ion: 91 Resp: 230174

Ion Ratio Lower Upper

91 100

126 35.9 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 53.826 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013188.D

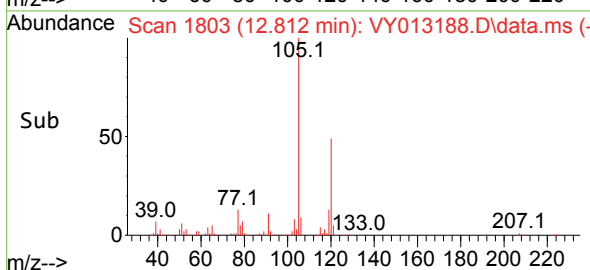
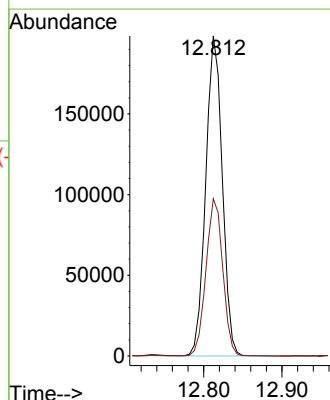
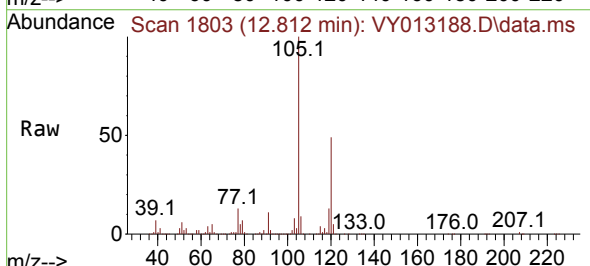
Acq: 04 Apr 2023 10:39

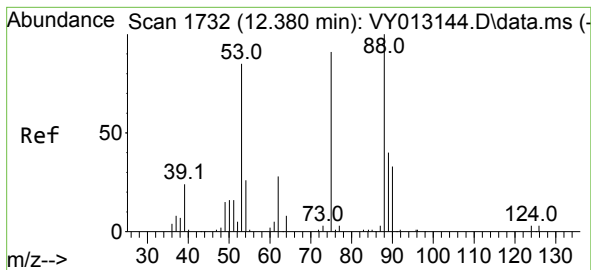
Tgt Ion:105 Resp: 290445

Ion Ratio Lower Upper

105 100

120 49.9 24.8 74.4

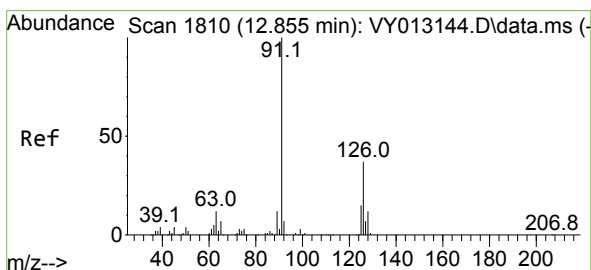
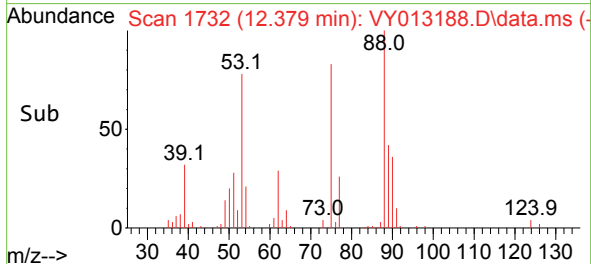
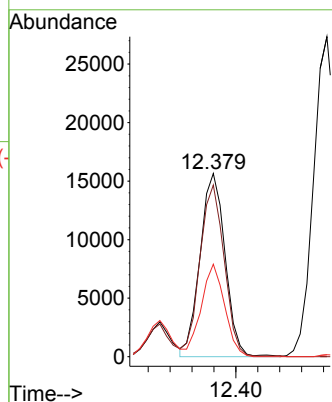
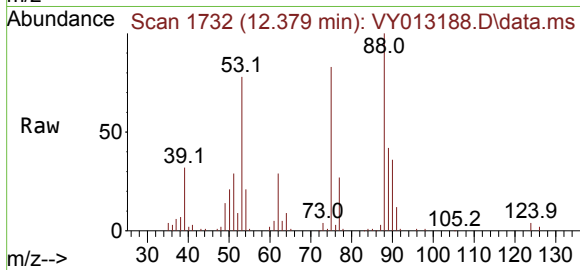




#81
trans-1,4-Dichloro-2-butene
Concen: 52.732 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

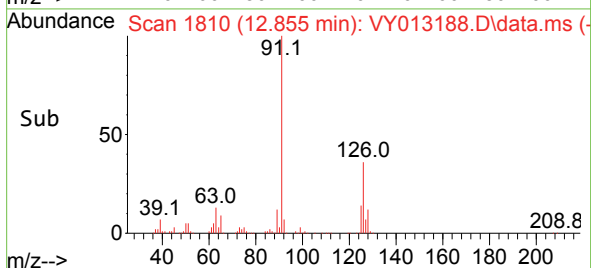
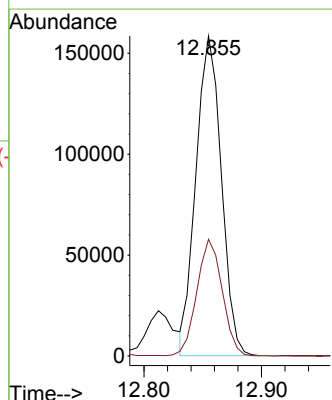
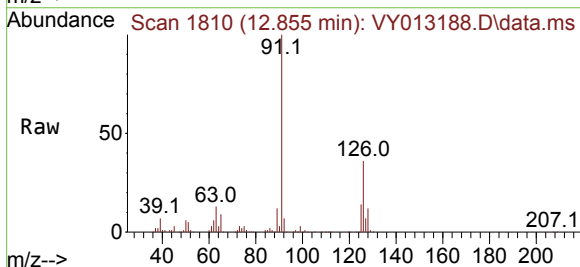
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

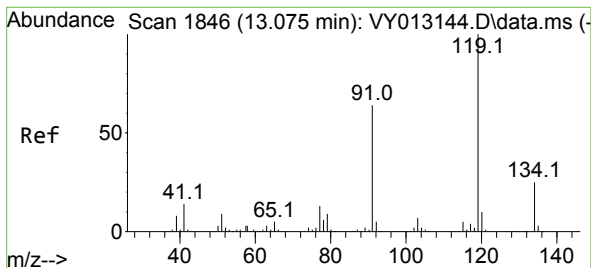
Tgt Ion: 75 Resp: 24836
Ion Ratio Lower Upper
75 100
53 90.4 73.4 110.0
89 46.8 36.6 55.0



#82
4-Chlorotoluene
Concen: 50.765 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 91 Resp: 237907
Ion Ratio Lower Upper
91 100
126 36.6 17.7 53.1





#83

tert-Butylbenzene

Concen: 54.269 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.001 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

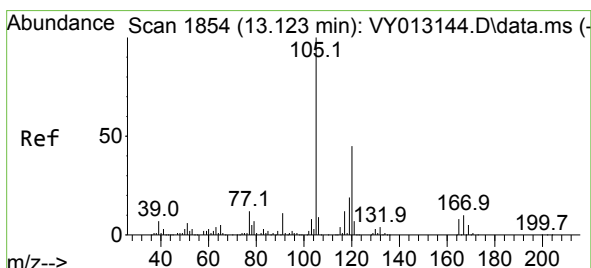
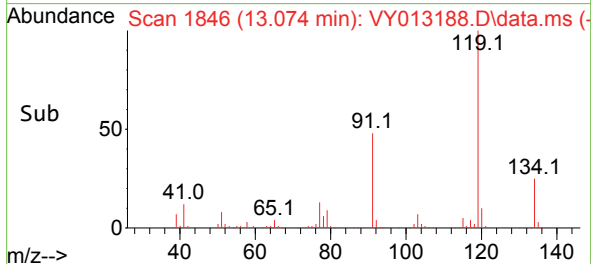
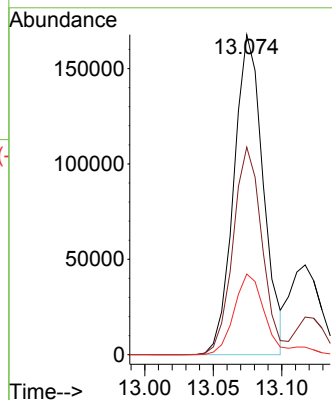
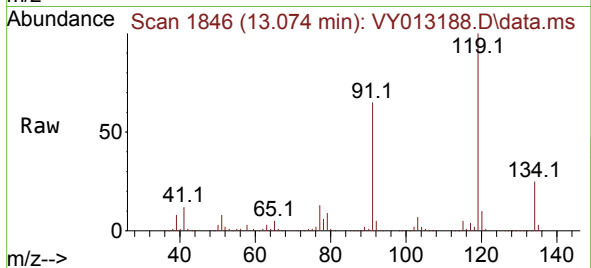
Tgt Ion:119 Resp: 251522

Ion Ratio Lower Upper

119 100

91 64.5 32.8 98.3

134 27.4 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 54.202 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY013188.D

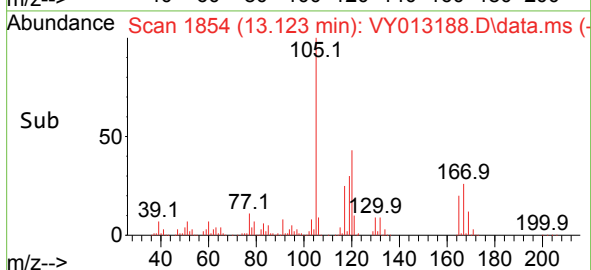
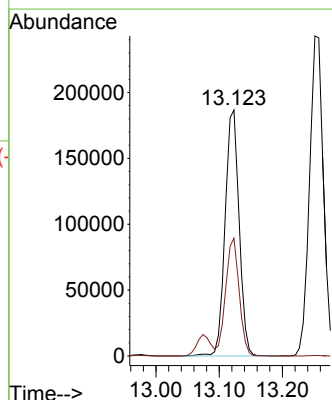
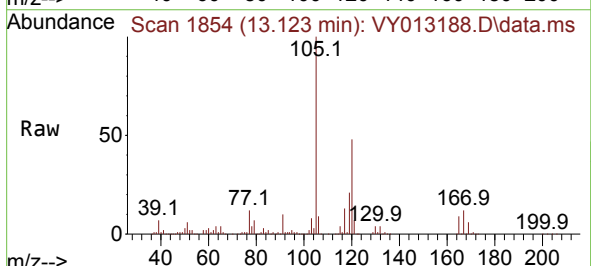
Acq: 04 Apr 2023 10:39

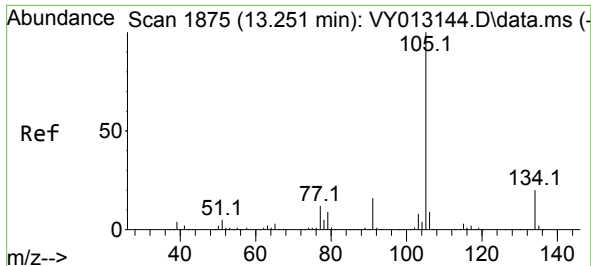
Tgt Ion:105 Resp: 286425

Ion Ratio Lower Upper

105 100

120 46.2 23.0 69.0

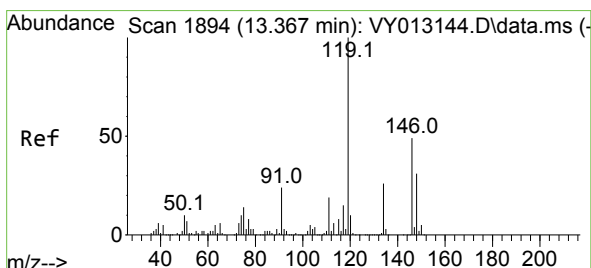
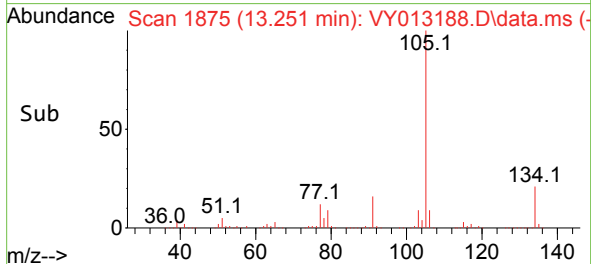
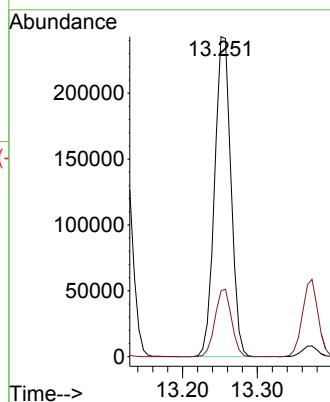
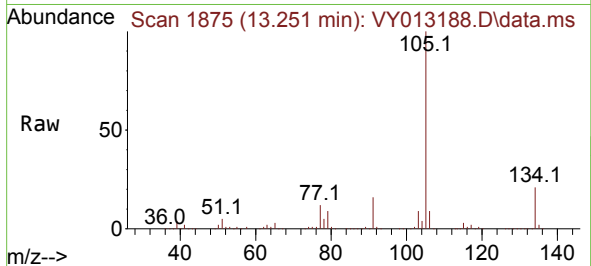




#85
 sec-Butylbenzene
 Concen: 52.713 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013188.D
 Acq: 04 Apr 2023 10:39

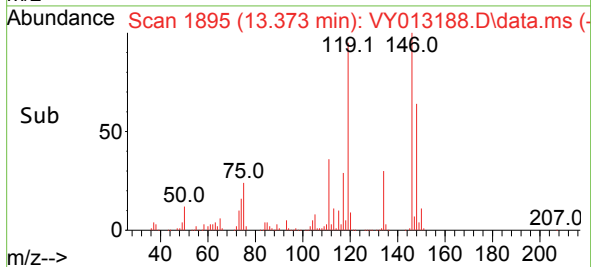
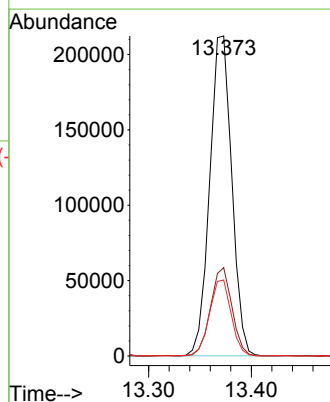
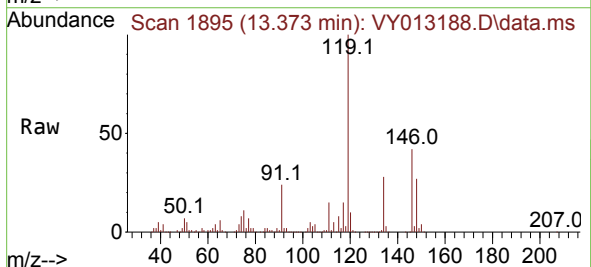
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

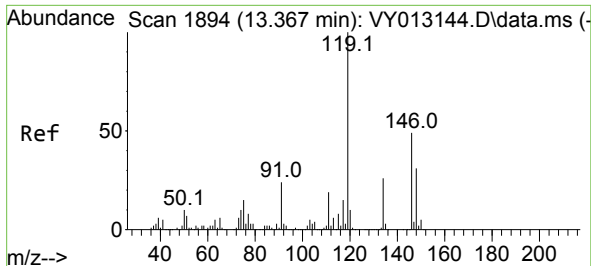
Tgt Ion:105 Resp: 368891
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 54.943 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY013188.D
 Acq: 04 Apr 2023 10:39

Tgt Ion:119 Resp: 316527
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.6
 91 23.3 11.8 35.3

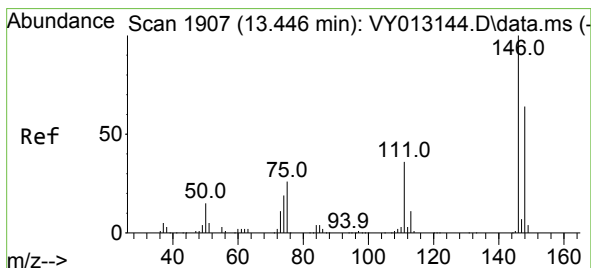
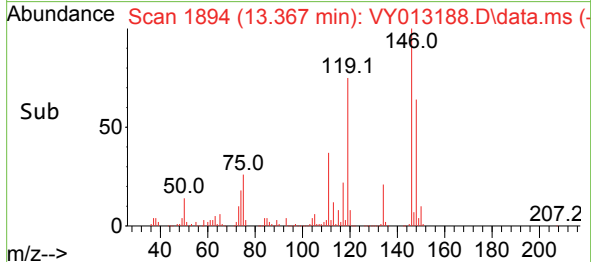
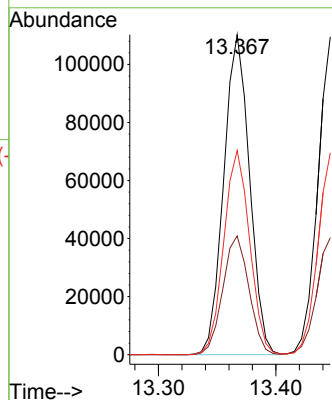
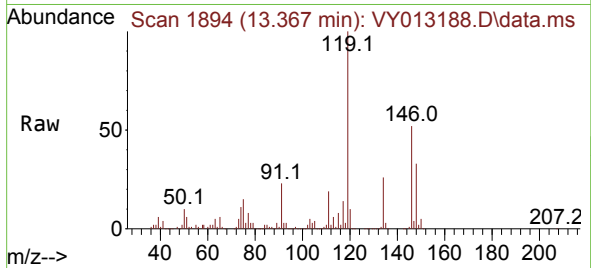




#87
 1,3-Dichlorobenzene
 Concen: 52.897 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013188.D
 Acq: 04 Apr 2023 10:39

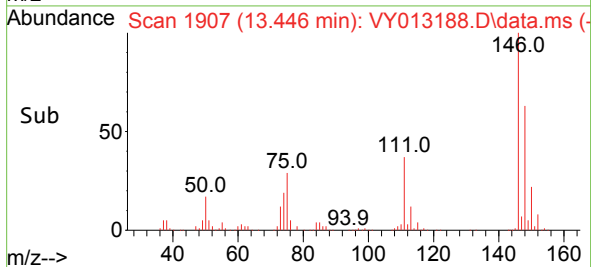
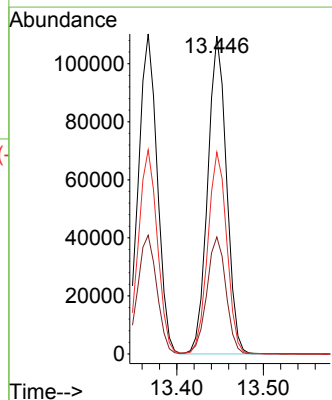
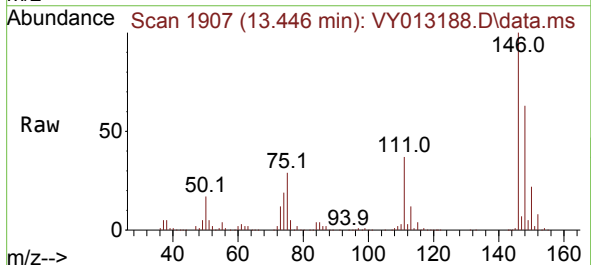
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

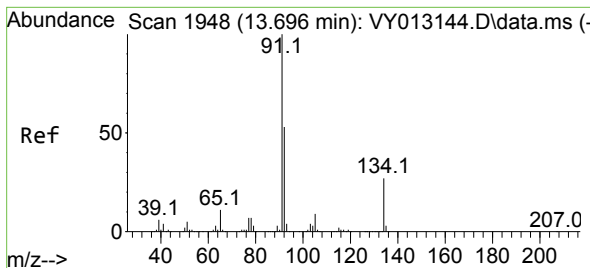
Tgt Ion:146 Resp: 168257
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.5
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.744 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY013188.D
 Acq: 04 Apr 2023 10:39

Tgt Ion:146 Resp: 164930
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 55.8
 148 64.1 31.5 94.5





#89

n-Butylbenzene

Concen: 52.502 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

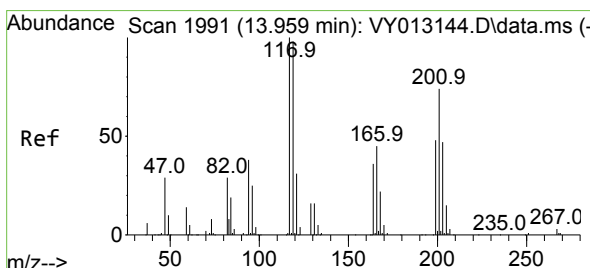
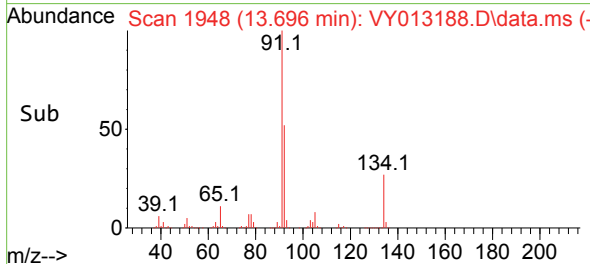
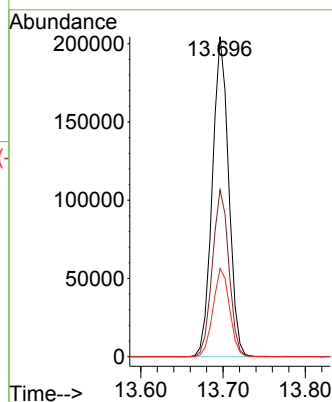
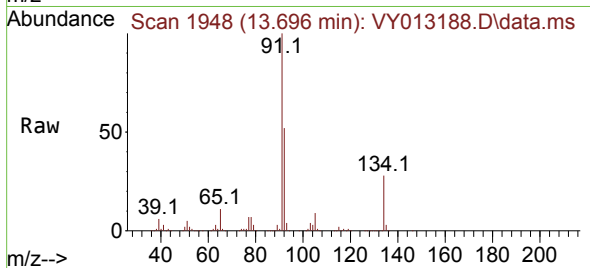
Tgt Ion: 91 Resp: 282756

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.0

134 27.9 13.0 38.9



#90

Hexachloroethane

Concen: 49.354 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.005 min

Lab File: VY013188.D

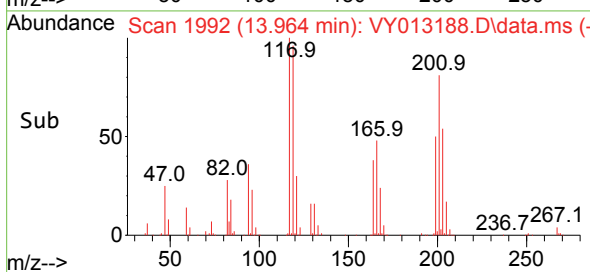
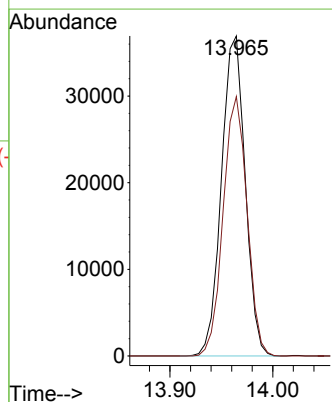
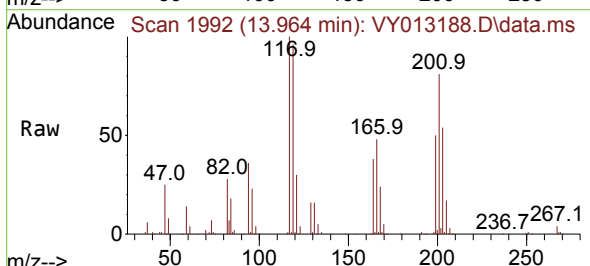
Acq: 04 Apr 2023 10:39

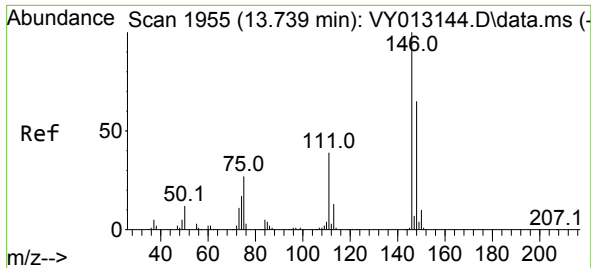
Tgt Ion: 117 Resp: 59231

Ion Ratio Lower Upper

117 100

201 81.5 39.4 118.1

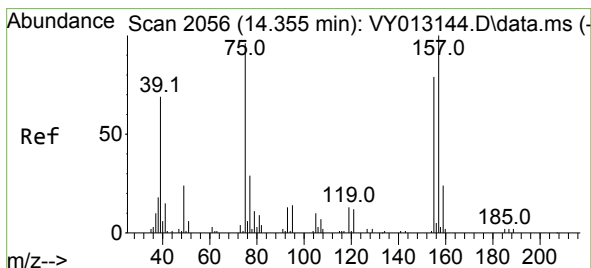
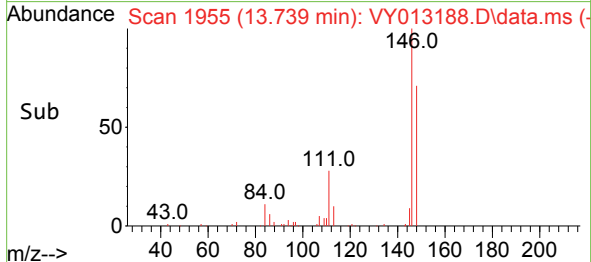
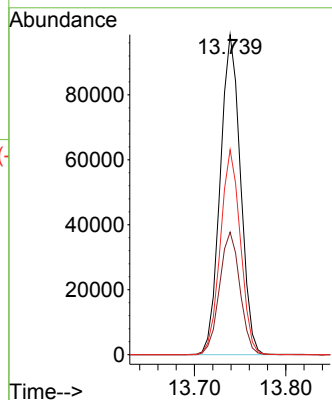
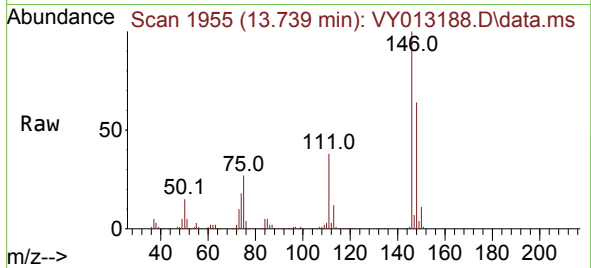




#91
1,2-Dichlorobenzene
Concen: 53.512 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

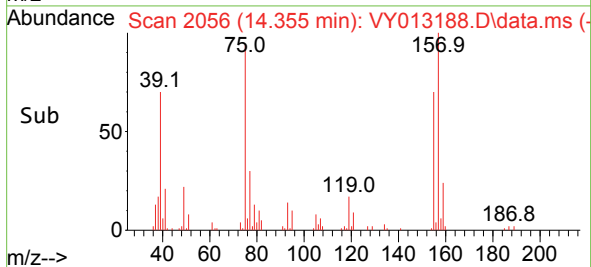
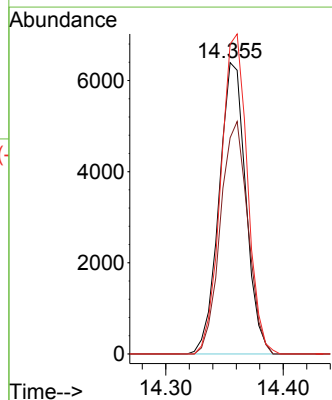
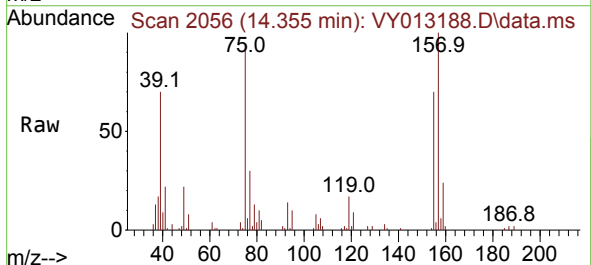
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

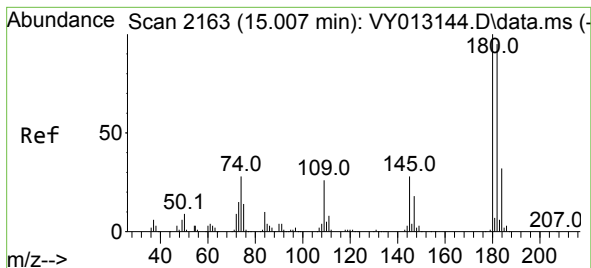
Tgt Ion:146 Resp: 152014
Ion Ratio Lower Upper
146 100
111 38.6 19.7 59.1
148 63.4 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.870 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013188.D
Acq: 04 Apr 2023 10:39

Tgt Ion: 75 Resp: 10094
Ion Ratio Lower Upper
75 100
155 81.7 43.8 131.4
157 109.1 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 55.505 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

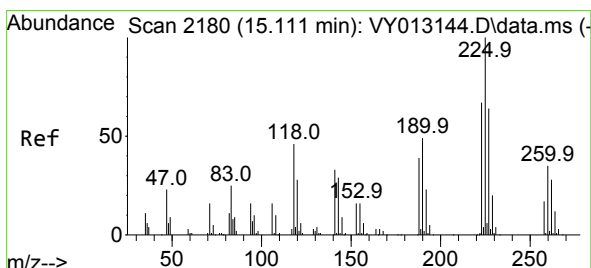
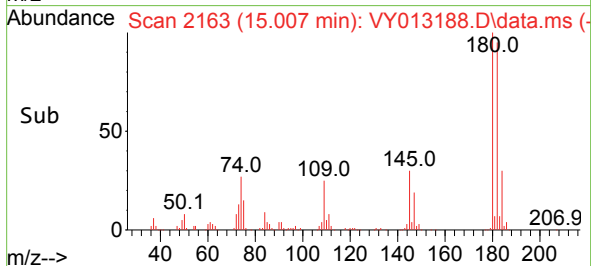
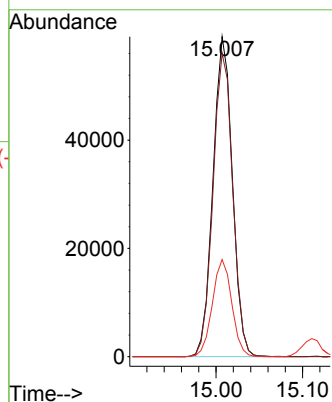
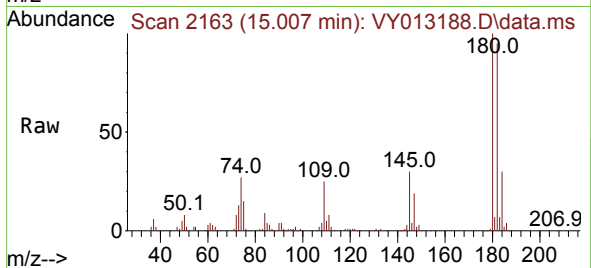
Tgt Ion:180 Resp: 91950

Ion Ratio Lower Upper

180 100

182 96.3 46.7 140.1

145 30.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 55.827 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

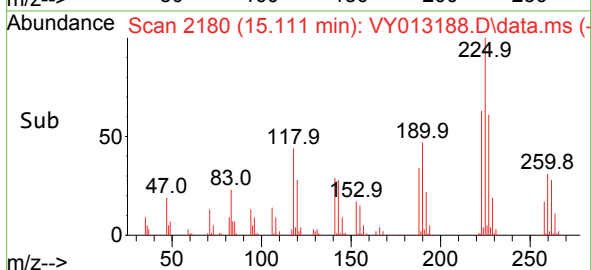
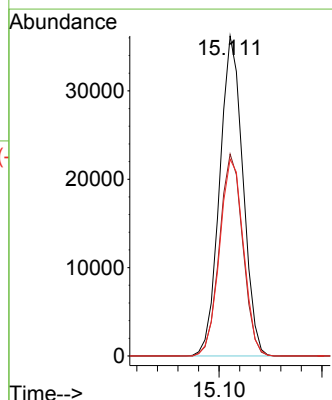
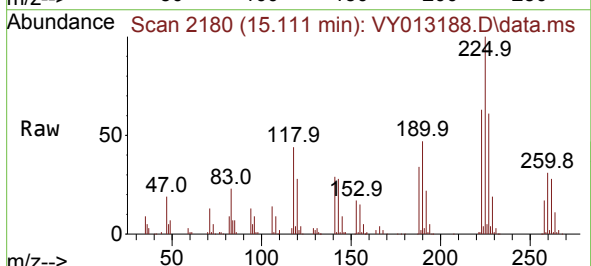
Tgt Ion:225 Resp: 56879

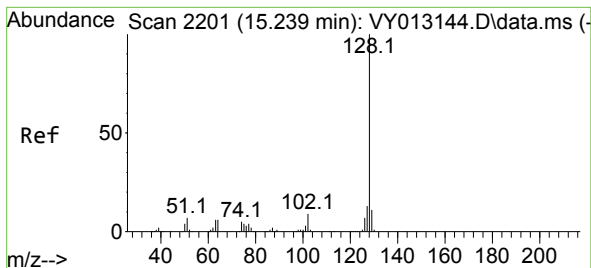
Ion Ratio Lower Upper

225 100

223 63.2 31.1 93.3

227 62.9 32.4 97.0





#95

Naphthalene

Concen: 51.398 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

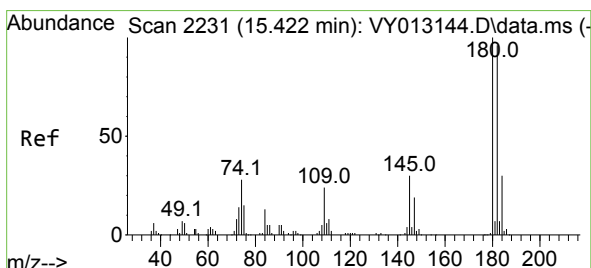
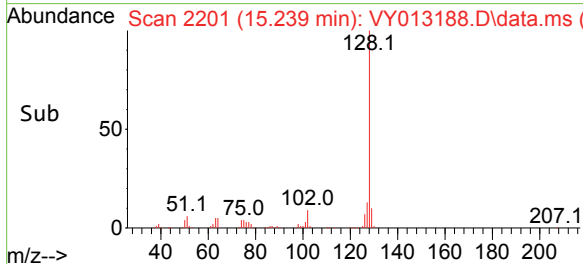
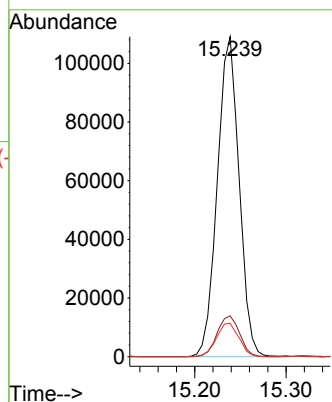
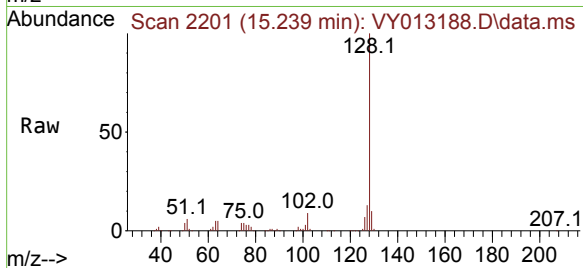
Tgt Ion:128 Resp: 180692

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 56.398 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013188.D

Acq: 04 Apr 2023 10:39

Tgt Ion:180 Resp: 82316

Ion Ratio Lower Upper

180 100

182 96.2 47.4 142.3

145 31.2 15.3 45.8

