

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017112.D
 Acq On : 26 Jan 2024 10:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 29 04:13:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	130683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	217127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	185414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	83512	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	62678	49.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.460%
35) Dibromofluoromethane	7.728	113	63611	48.541	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.080%
50) Toluene-d8	10.191	98	248069	50.119	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.489	95	77780	51.011	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	43901	45.911	ug/l	94
3) Chloromethane	2.119	50	85756	52.185	ug/l	98
4) Vinyl Chloride	2.253	62	107204	57.634	ug/l	98
5) Bromomethane	2.656	94	74935	53.542	ug/l	97
6) Chloroethane	2.802	64	70301	57.255	ug/l	100
7) Trichlorofluoromethane	3.131	101	111160	51.837	ug/l	99
8) Diethyl Ether	3.540	74	34354	45.626	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.912	101	67619	46.260	ug/l	99
10) Methyl Iodide	4.101	142	65283	47.011	ug/l	99
11) Tert butyl alcohol	4.960	59	22955	245.571	ug/l #	89
12) 1,1-Dichloroethene	3.881	96	62897	47.007	ug/l	96
13) Acrolein	3.735	56	33682	220.574	ug/l	98
14) Allyl chloride	4.491	41	97723	48.320	ug/l	99
15) Acrylonitrile	5.173	53	79979	244.746	ug/l	99
16) Acetone	3.954	43	80733	233.038	ug/l	98
17) Carbon Disulfide	4.204	76	184308	45.702	ug/l	100
18) Methyl Acetate	4.491	43	67859	51.953	ug/l	100
19) Methyl tert-butyl Ether	5.241	73	157721	48.304	ug/l	99
20) Methylene Chloride	4.728	84	70423	49.703	ug/l	96
21) trans-1,2-Dichloroethene	5.234	96	72583	46.897	ug/l	98
22) Diisopropyl ether	6.131	45	218555	48.957	ug/l	97
23) Vinyl Acetate	6.076	43	518018	239.214	ug/l	99
24) 1,1-Dichloroethane	6.027	63	129527	47.569	ug/l	98
25) 2-Butanone	6.996	43	109553	230.160	ug/l	99
26) 2,2-Dichloropropane	6.996	77	110180	47.376	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	81004	47.230	ug/l	97
28) Bromochloromethane	7.344	49	52197	48.151	ug/l	99
29) Tetrahydrofuran	7.356	42	65802	254.864	ug/l	99
30) Chloroform	7.515	83	131637	47.477	ug/l	99
31) Cyclohexane	7.801	56	115312	51.118	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	113143	47.588	ug/l	99
36) 1,1-Dichloropropene	7.929	75	105062	48.727	ug/l	99
37) Ethyl Acetate	7.082	43	46521	50.179	ug/l	98
38) Carbon Tetrachloride	7.911	117	100503	47.566	ug/l	99
39) Methylcyclohexane	9.191	83	128113	49.402	ug/l	98
40) Benzene	8.173	78	300918	48.057	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	23384	47.161	ug/l	91
42) 1,2-Dichloroethane	8.246	62	77667	47.843	ug/l	100
43) Isopropyl Acetate	8.283	43	85713	49.524	ug/l	99
44) Trichloroethene	8.953	130	75494	47.007	ug/l	99
45) 1,2-Dichloropropane	9.228	63	75228	48.948	ug/l	99
46) Dibromomethane	9.313	93	39254	48.093	ug/l	97
47) Bromodichloromethane	9.508	83	99403	47.871	ug/l	99
48) Methyl methacrylate	9.301	41	49665	51.682	ug/l	99
49) 1,4-Dioxane	9.307	88	8628	1074.799	ug/l	95
51) 4-Methyl-2-Pentanone	10.081	43	234096	254.266	ug/l	99
52) Toluene	10.252	92	185659	48.987	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	93862	49.481	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	113714	48.741	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	53640	47.021	ug/l	98
56) Ethyl methacrylate	10.520	69	50567	50.690	ug/l	98
57) 1,3-Dichloropropane	10.801	76	93726	48.596	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	192359	277.788	ug/l	100
59) 2-Hexanone	10.837	43	169421	241.207	ug/l	99
60) Dibromochloromethane	10.990	129	63993	48.284	ug/l	98
61) 1,2-Dibromoethane	11.099	107	50387	48.622	ug/l	98
64) Tetrachloroethene	10.727	164	60378	46.718	ug/l	95
65) Chlorobenzene	11.526	112	188137	47.882	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	68869	47.985	ug/l	98
67) Ethyl Benzene	11.599	91	356094	49.853	ug/l	99
68) m/p-Xylenes	11.709	106	268682	100.116	ug/l	100
69) o-Xylene	12.038	106	123056	50.479	ug/l	100
70) Styrene	12.050	104	183863	51.953	ug/l	99
71) Bromoform	12.215	173	35239	48.966	ug/l #	98
73) Isopropylbenzene	12.337	105	337297	49.130	ug/l	100
74) N-amyl acetate	12.154	43	71094	51.375	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	61701	47.131	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	76375	75.345	ug/l #	100
77) Bromobenzene	12.617	156	70504	47.461	ug/l	99
78) n-propylbenzene	12.678	91	413633	50.092	ug/l	99
79) 2-Chlorotoluene	12.764	91	220554	48.673	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	271215	49.916	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	19224	49.098	ug/l	98
82) 4-Chlorotoluene	12.861	91	226435	48.216	ug/l	99
83) tert-Butylbenzene	13.081	119	231163	49.186	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	266321	49.316	ug/l	98
85) sec-Butylbenzene	13.263	105	352476	50.650	ug/l	100
86) p-Isopropyltoluene	13.379	119	294032	50.723	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	139190	47.458	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	136110	47.167	ug/l	99
89) n-Butylbenzene	13.702	91	286199	51.187	ug/l	100
90) Hexachloroethane	13.971	117	58417	48.350	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	119089	47.547	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	7906	47.285	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	62288	47.589	ug/l	100
94) Hexachlorobutadiene	15.123	225	37252	47.290	ug/l	98
95) Naphthalene	15.245	128	115784	50.086	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	52725	48.419	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 2024
Response via : Initial Calibration

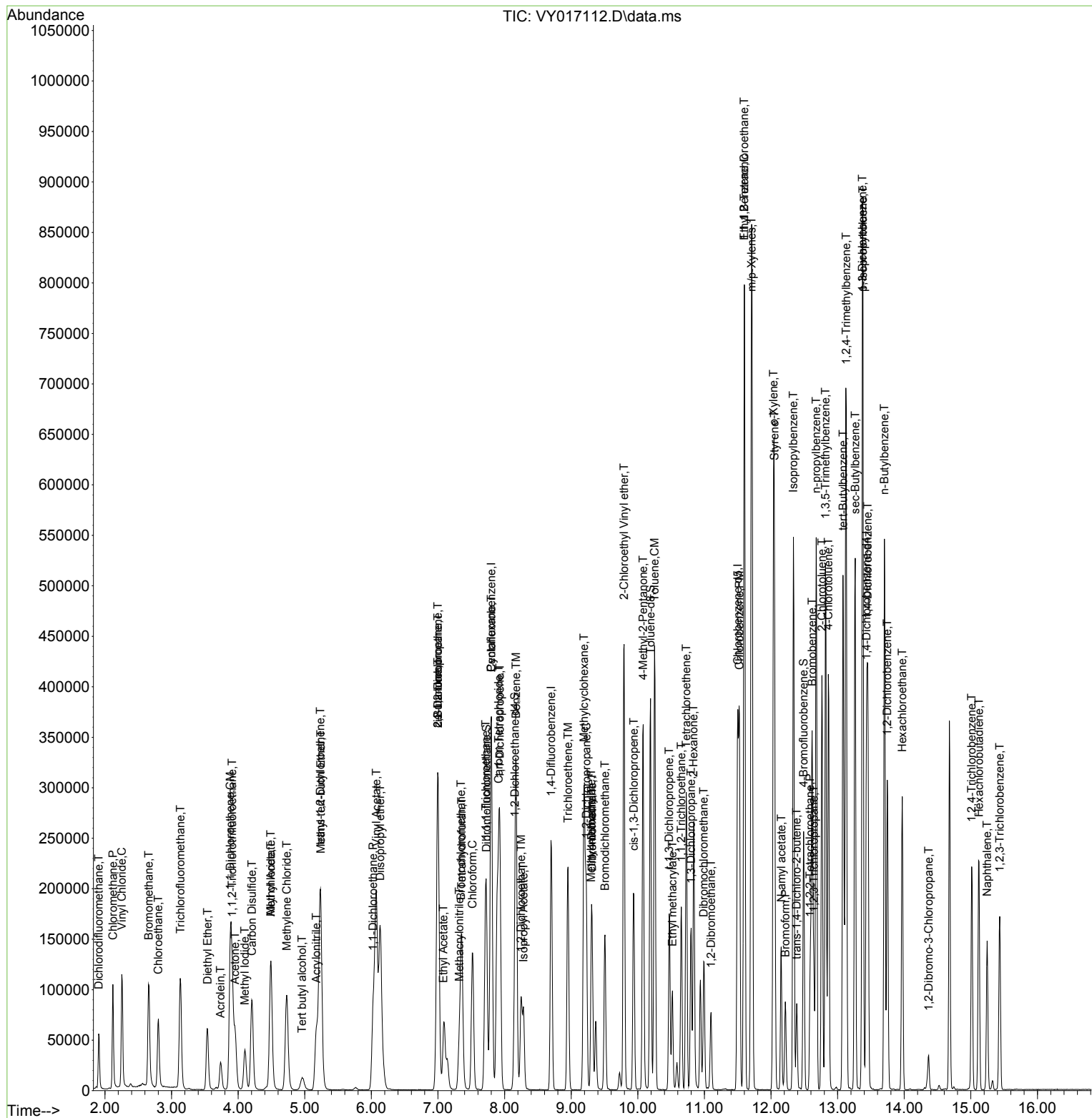
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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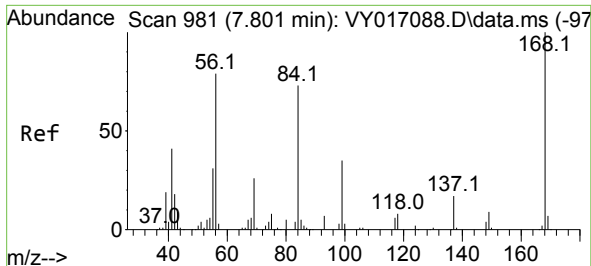
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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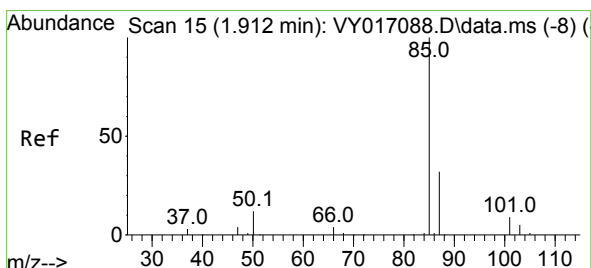
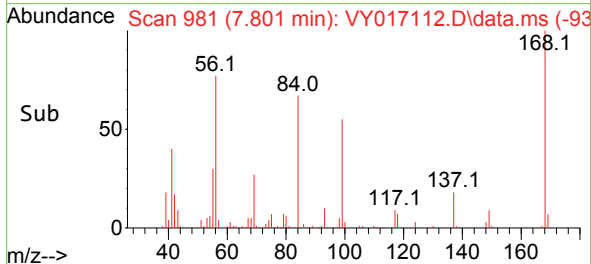
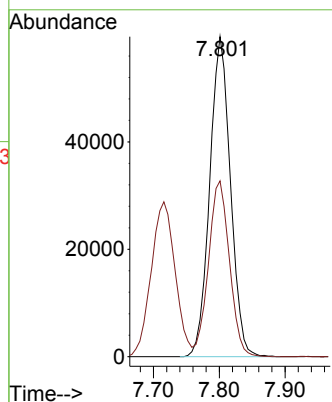
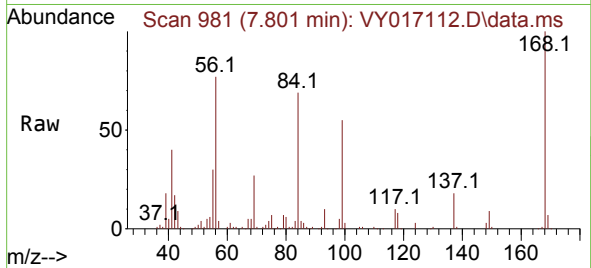




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017112.D
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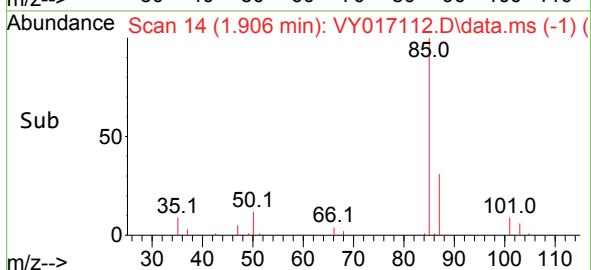
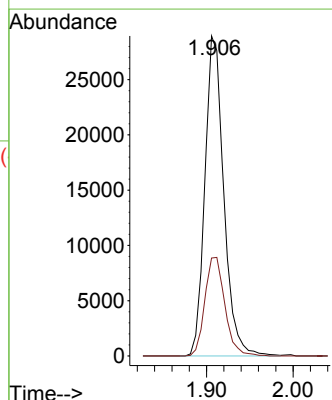
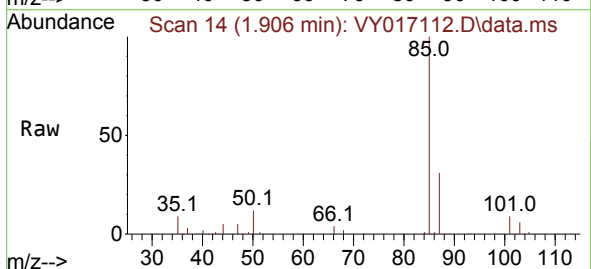
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

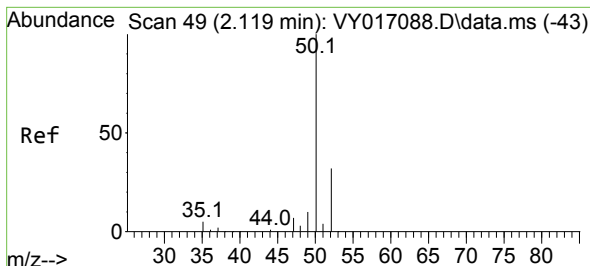
Tgt Ion:168 Resp: 130683
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 45.911 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion: 85 Resp: 43901
Ion Ratio Lower Upper
85 100
87 30.6 17.1 51.3





#3

Chloromethane

Concen: 52.185 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

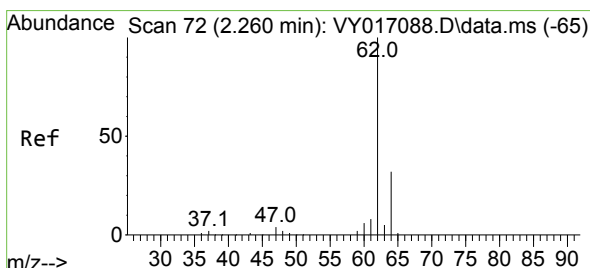
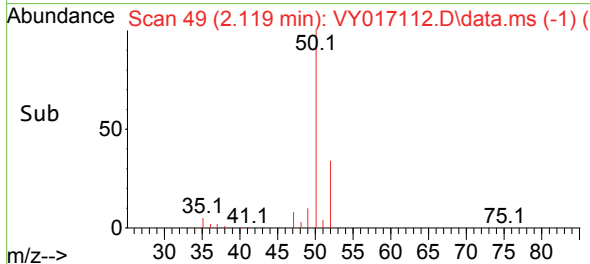
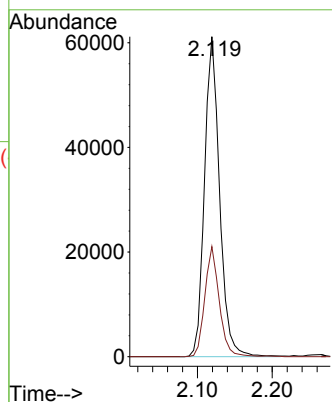
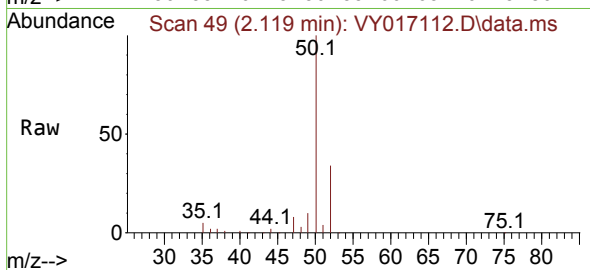
VSTDCCC050

Tgt Ion: 50 Resp: 85756

Ion Ratio Lower Upper

50 100

52 34.4 26.7 40.1



#4

Vinyl Chloride

Concen: 57.634 ug/l

RT: 2.253 min Scan# 71

Delta R.T. -0.006 min

Lab File: VY017112.D

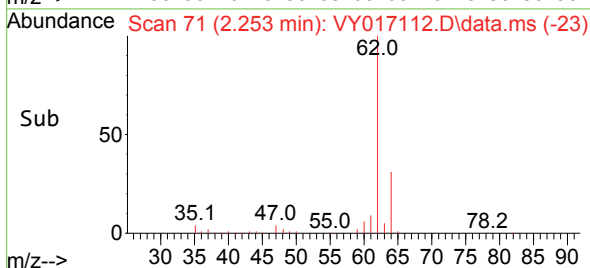
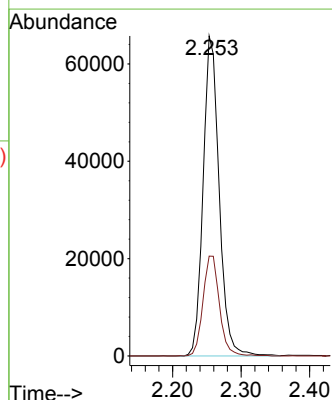
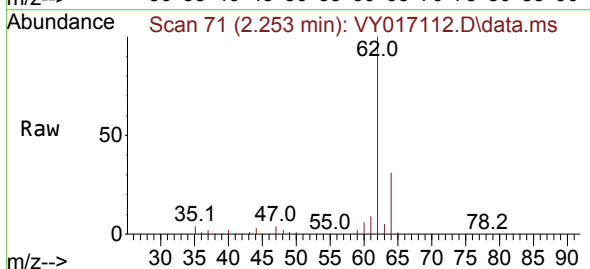
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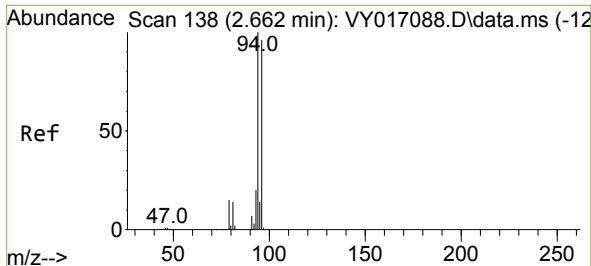
Tgt Ion: 62 Resp: 107204

Ion Ratio Lower Upper

62 100

64 31.2 25.7 38.5

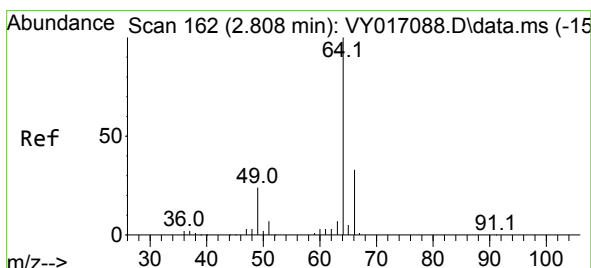
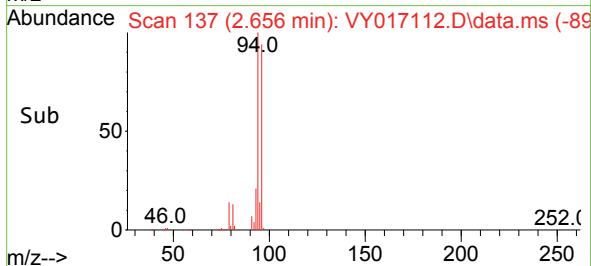
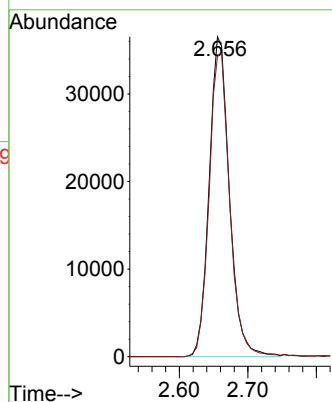
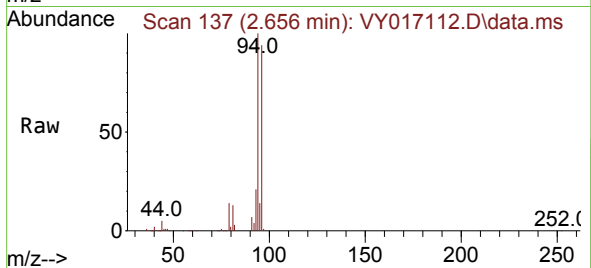




#5
Bromomethane
Concen: 53.542 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017112.D
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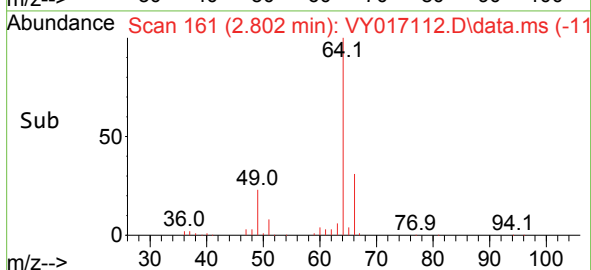
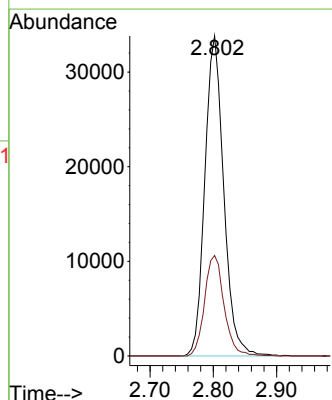
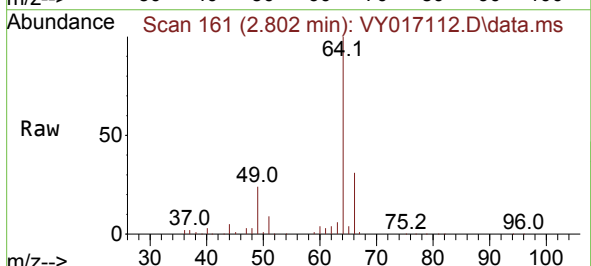
Instrument :
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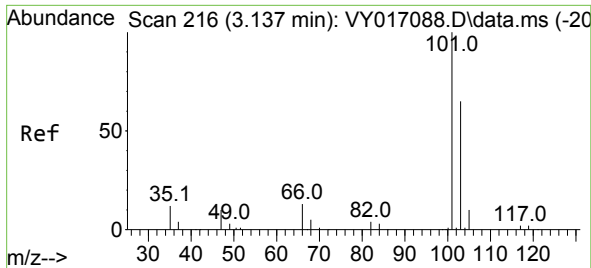
Tgt Ion: 94 Resp: 74935
Ion Ratio Lower Upper
94 100
96 93.9 77.3 115.9



#6
Chloroethane
Concen: 57.255 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion: 64 Resp: 70301
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7

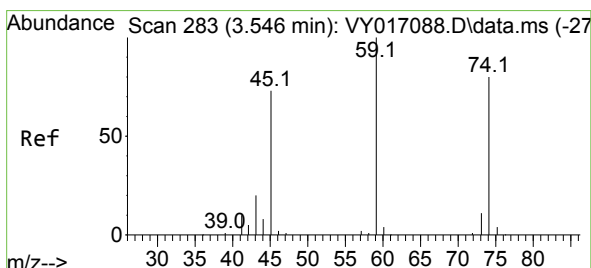
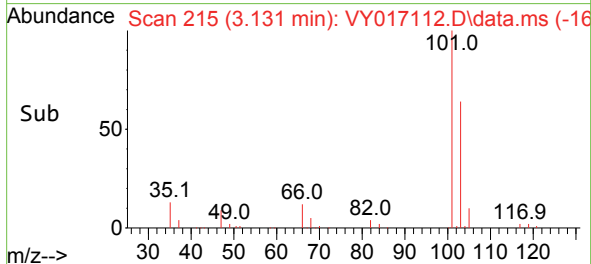
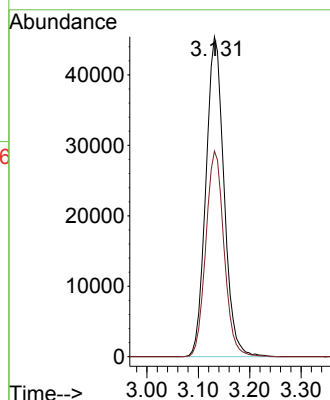
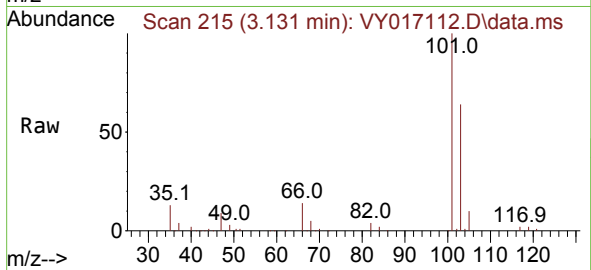




#7
Trichlorofluoromethane
Concen: 51.837 ug/l
RT: 3.131 min Scan# 216
Delta R.T. -0.006 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

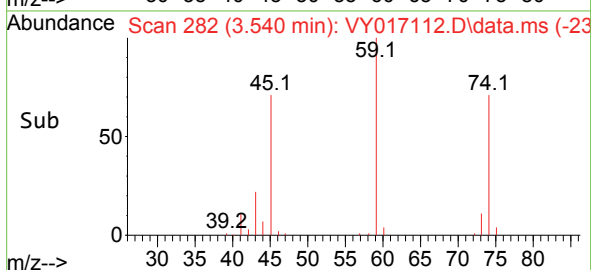
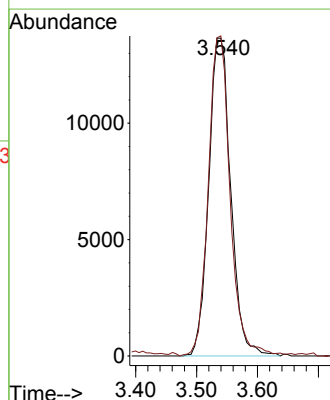
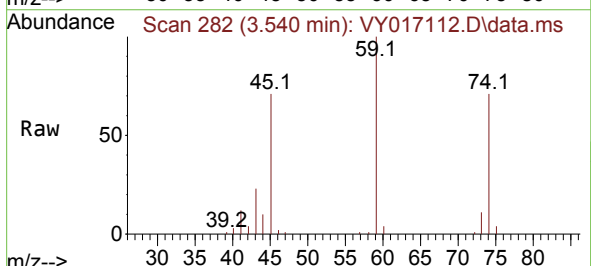
Instrument :
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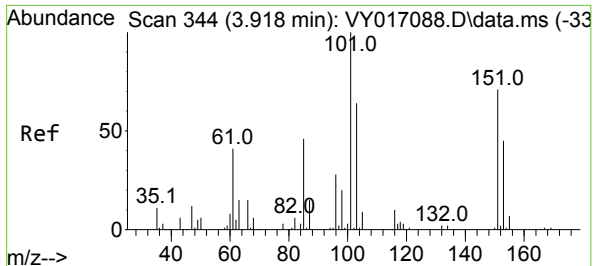
Tgt Ion:101 Resp: 111160
Ion Ratio Lower Upper
101 100
103 64.3 51.9 77.9



#8
Diethyl Ether
Concen: 45.626 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY017112.D
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Tgt Ion: 74 Resp: 34354
Ion Ratio Lower Upper
74 100
45 99.9 47.9 143.7

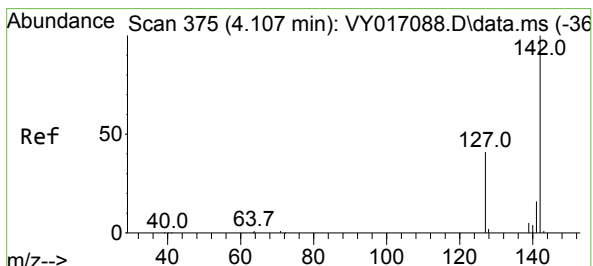
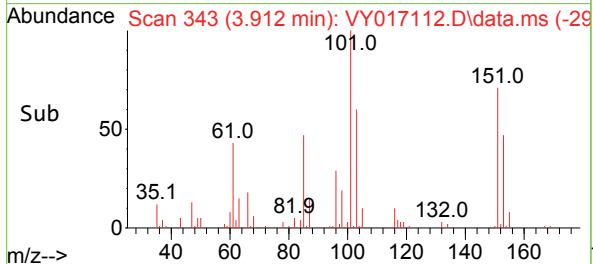
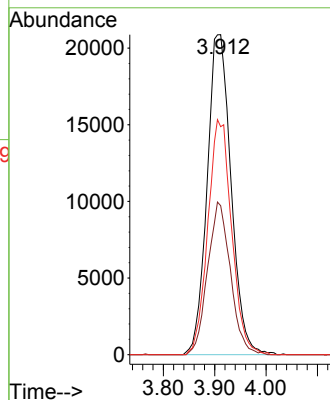
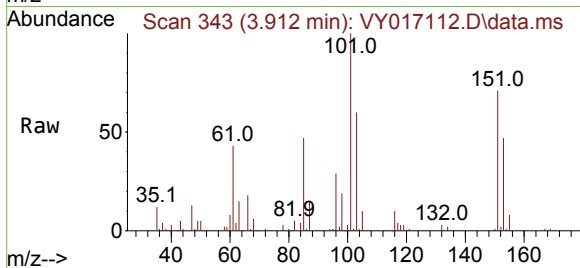




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.260 ug/l
RT: 3.912 min Scan# 34
Delta R.T. 0.001 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

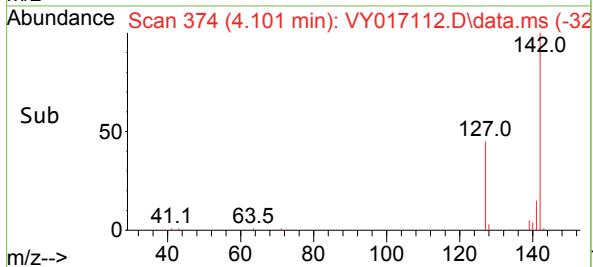
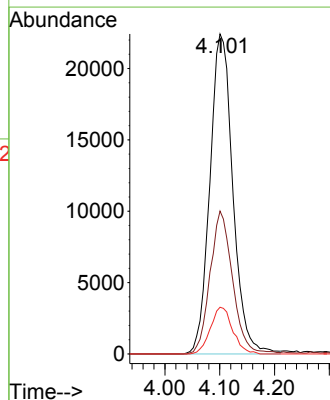
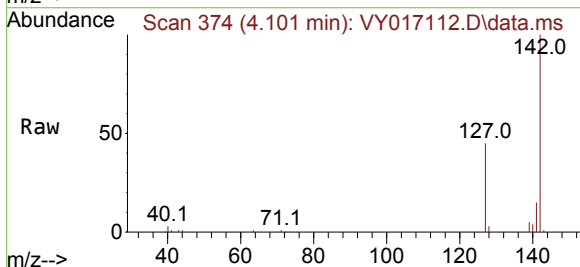
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

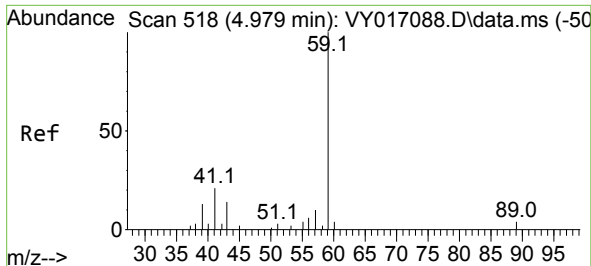
Tgt Ion:101 Resp: 67619
Ion Ratio Lower Upper
101 100
85 45.4 35.8 53.6
151 72.9 58.6 88.0



#10
Methyl Iodide
Concen: 47.011 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.005 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion:142 Resp: 65283
Ion Ratio Lower Upper
142 100
127 43.7 35.1 52.7
141 14.1 11.8 17.6

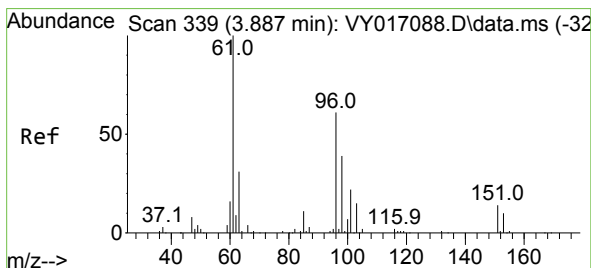
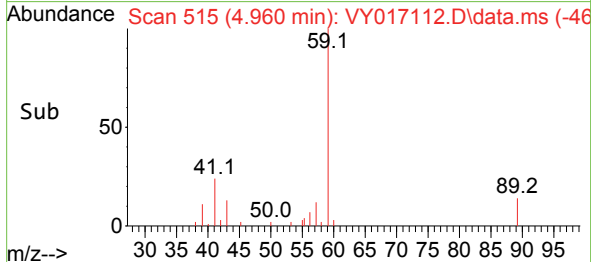
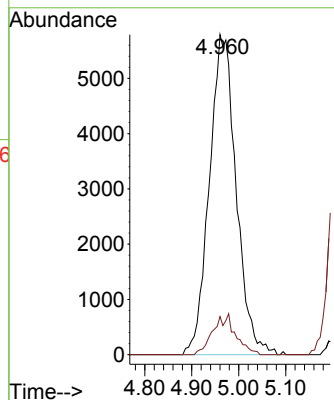
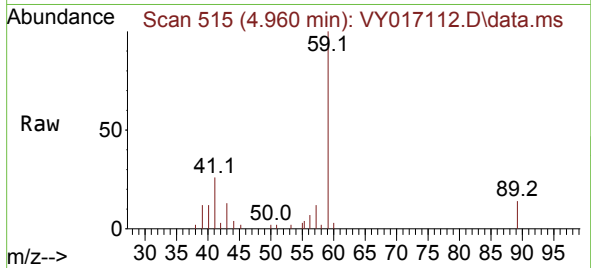




#11
Tert butyl alcohol
Concen: 245.571 ug/l
RT: 4.960 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

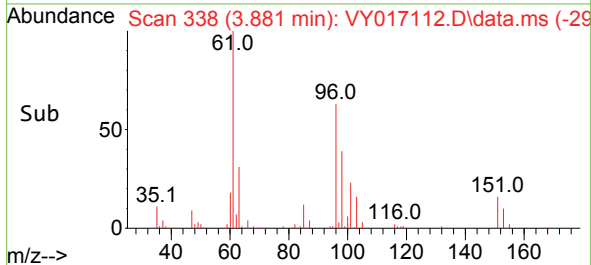
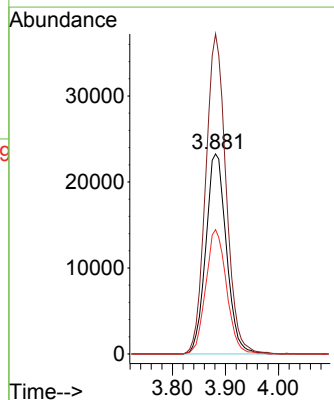
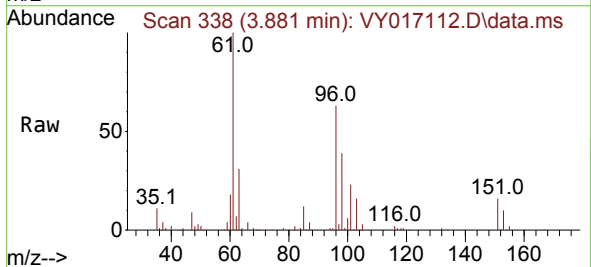
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

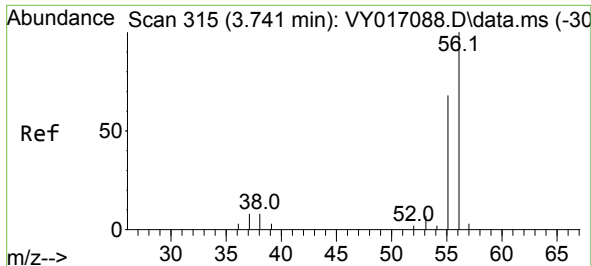
Tgt Ion: 59 Resp: 22955
Ion Ratio Lower Upper
59 100
57 5.3 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 47.007 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion: 96 Resp: 62897
Ion Ratio Lower Upper
96 100
61 160.0 124.2 186.2
98 62.2 52.6 79.0





#13

Acrolein

Concen: 220.574 ug/l

RT: 3.735 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

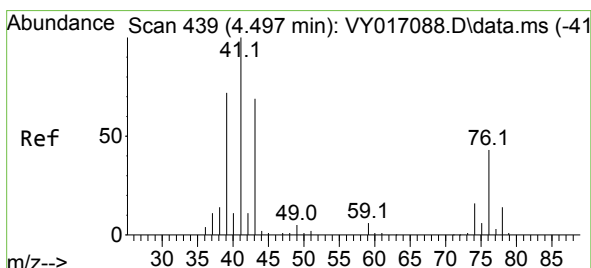
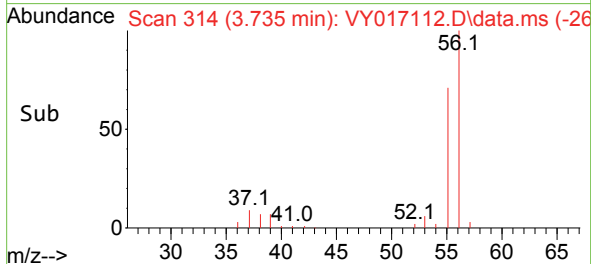
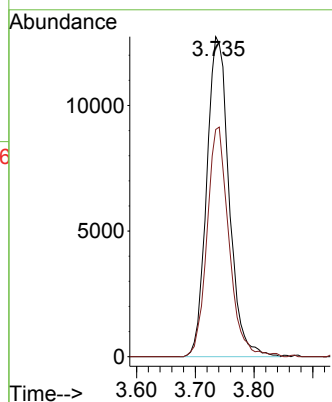
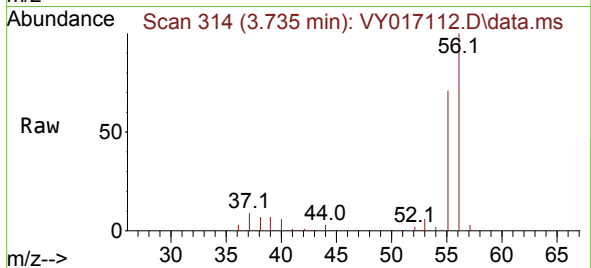
VSTDCCC050

Tgt Ion: 56 Resp: 33682

Ion Ratio Lower Upper

56 100

55 70.6 55.4 83.0



#14

Allyl chloride

Concen: 48.320 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

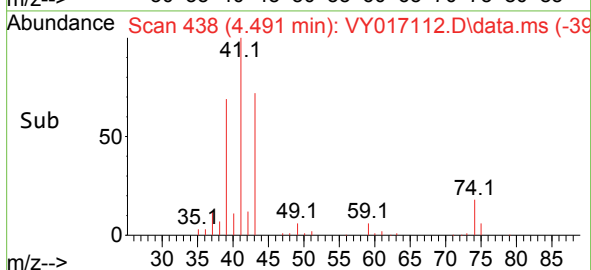
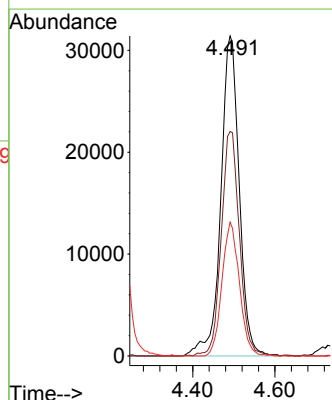
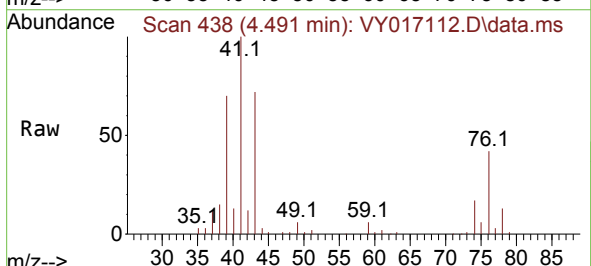
Tgt Ion: 41 Resp: 97723

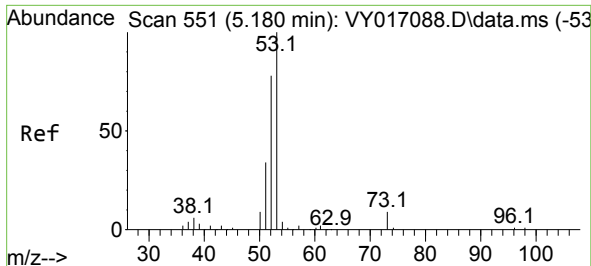
Ion Ratio Lower Upper

41 100

39 69.2 54.7 82.1

76 39.6 31.8 47.6

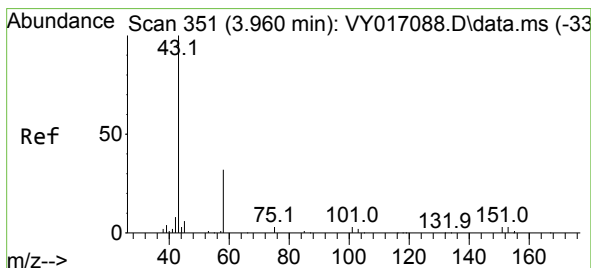
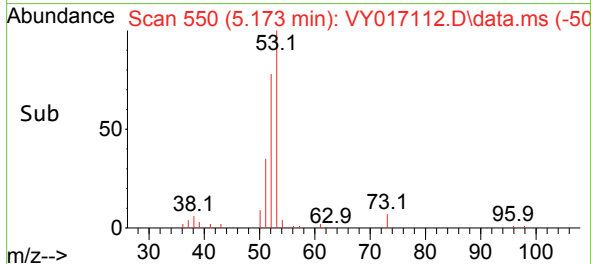
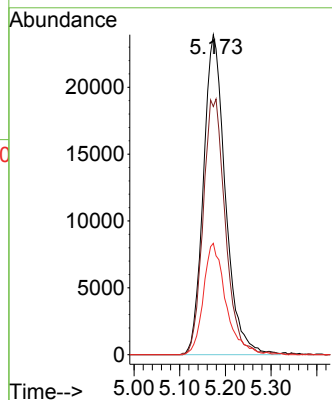
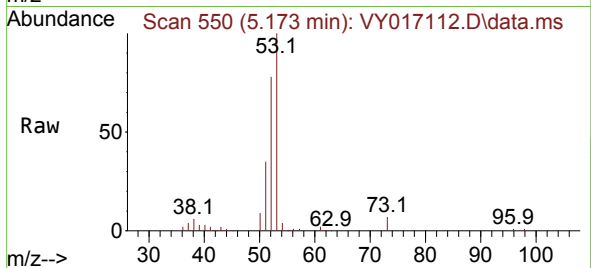




#15
Acrylonitrile
Concen: 244.746 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

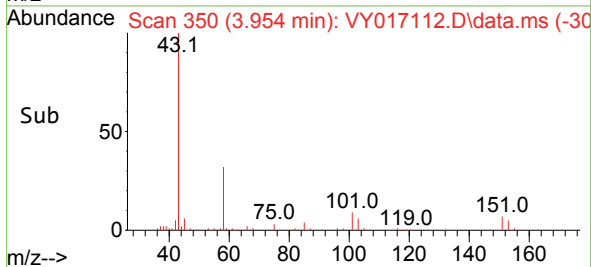
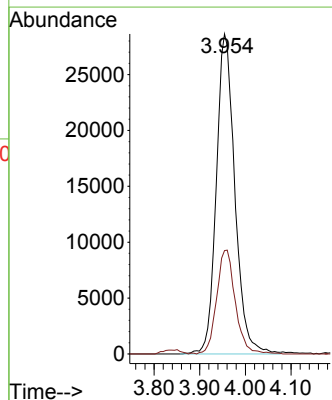
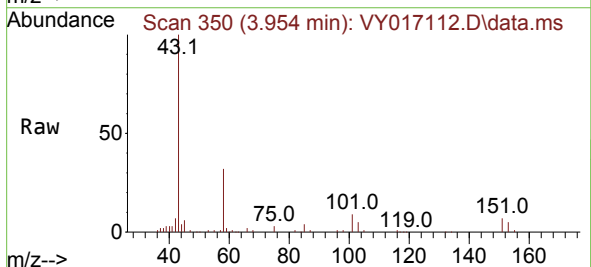
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

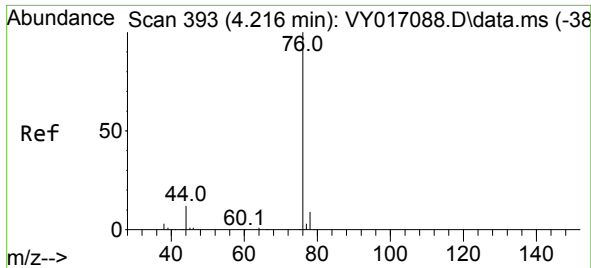
Tgt Ion: 53 Resp: 79979
Ion Ratio Lower Upper
53 100
52 80.6 65.1 97.7
51 35.7 29.0 43.4



#16
Acetone
Concen: 233.038 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion: 43 Resp: 80733
Ion Ratio Lower Upper
43 100
58 32.1 26.6 39.8





#17

Carbon Disulfide

Concen: 45.702 ug/l

RT: 4.204 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

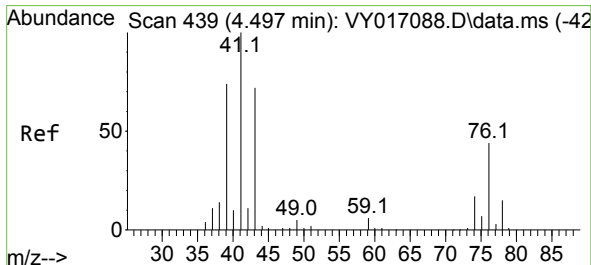
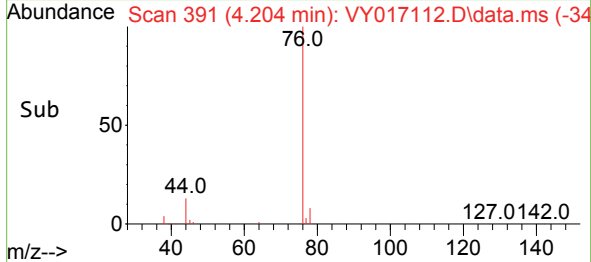
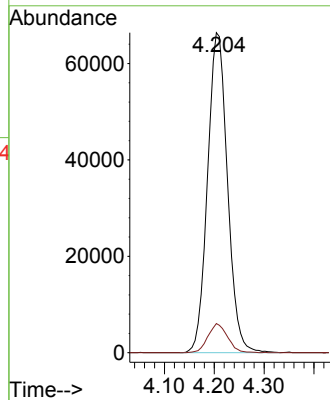
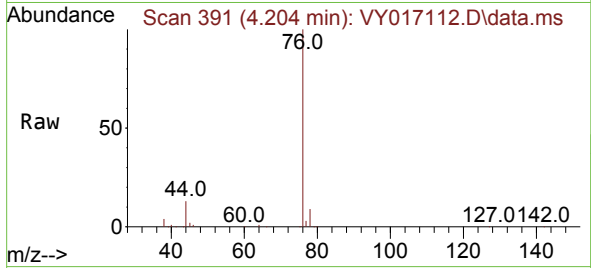
VSTDCCC050

Tgt Ion: 76 Resp: 184308

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



#18

Methyl Acetate

Concen: 51.953 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY017112.D

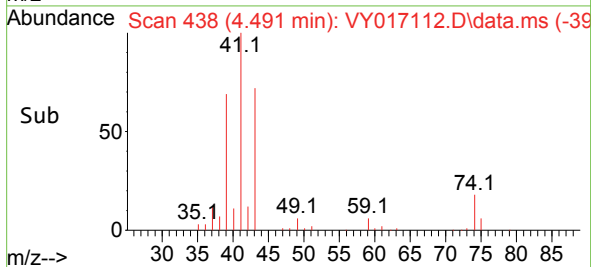
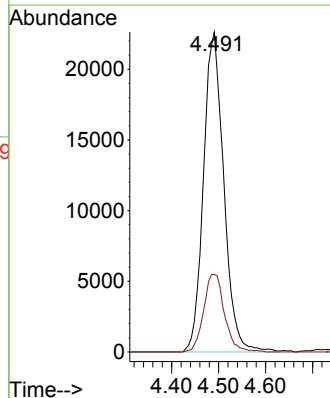
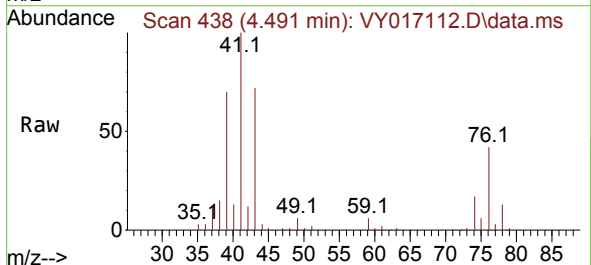
Acq: 26 Jan 2024 10:10

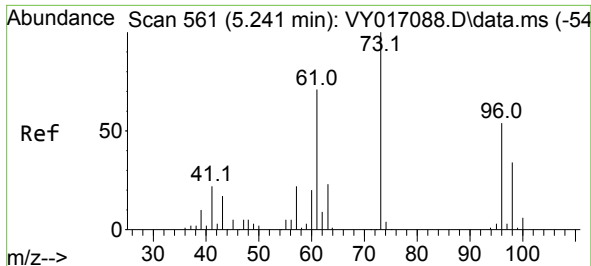
Tgt Ion: 43 Resp: 67859

Ion Ratio Lower Upper

43 100

74 24.9 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 48.304 ug/l

RT: 5.241 min Scan# 5

Delta R.T. 0.007 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

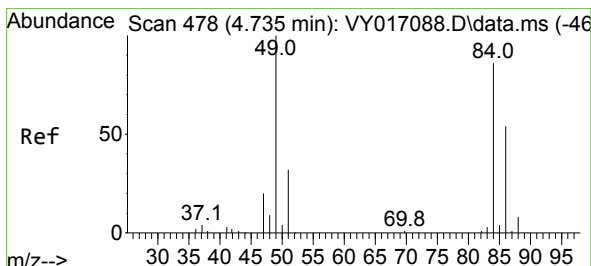
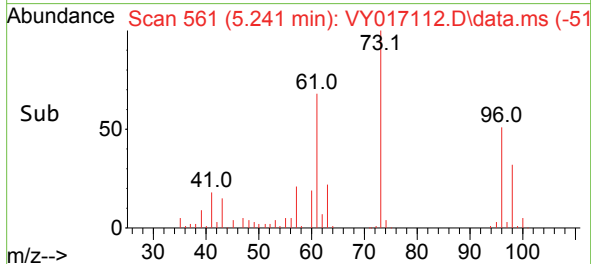
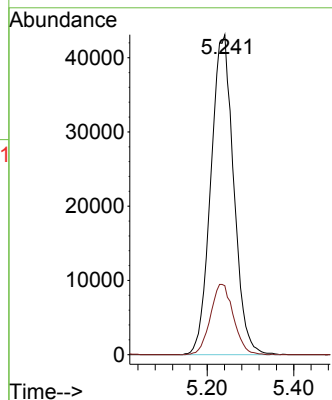
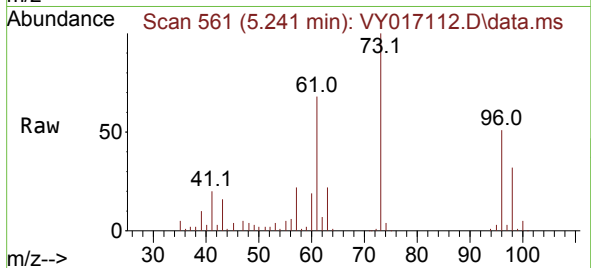
VSTDCCC050

Tgt Ion: 73 Resp: 157721

Ion Ratio Lower Upper

73 100

57 21.5 17.7 26.5



#20

Methylene Chloride

Concen: 49.703 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.006 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Tgt Ion: 84 Resp: 70423

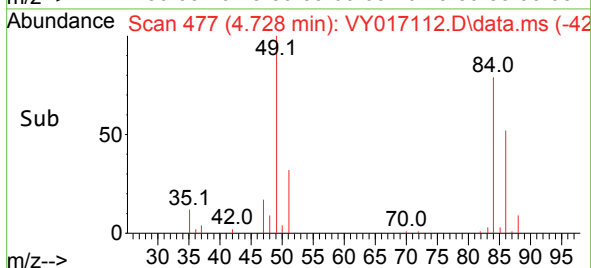
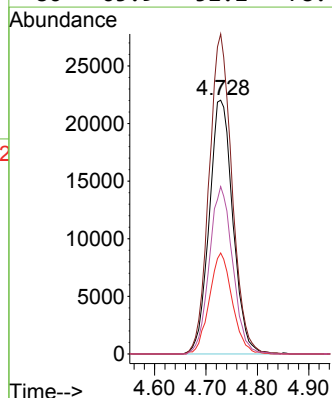
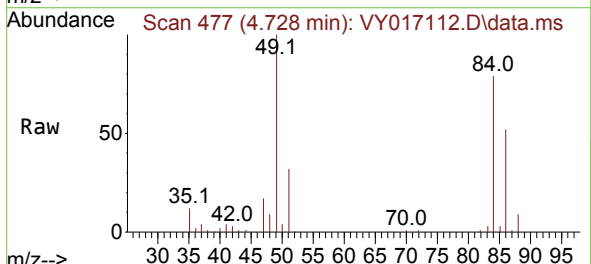
Ion Ratio Lower Upper

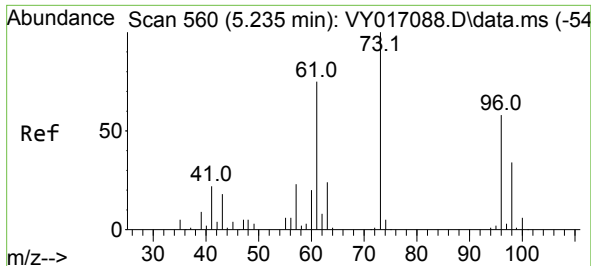
84 100

49 126.1 95.2 142.8

51 39.8 29.9 44.9

86 65.9 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 46.897 ug/l

RT: 5.234 min Scan# 5

Delta R.T. -0.006 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

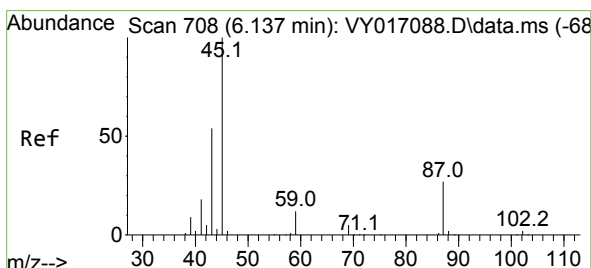
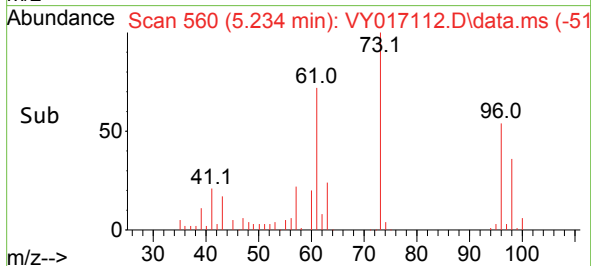
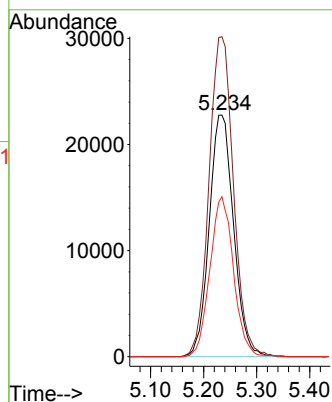
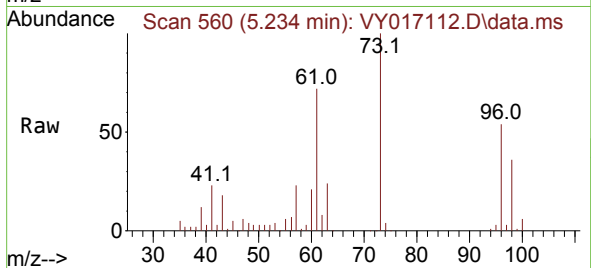
Tgt Ion: 96 Resp: 72583

Ion Ratio Lower Upper

96 100

61 132.4 104.6 156.8

98 66.2 50.9 76.3



#22

Diisopropyl ether

Concen: 48.957 ug/l

RT: 6.131 min Scan# 707

Delta R.T. -0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Tgt Ion: 45 Resp: 218555

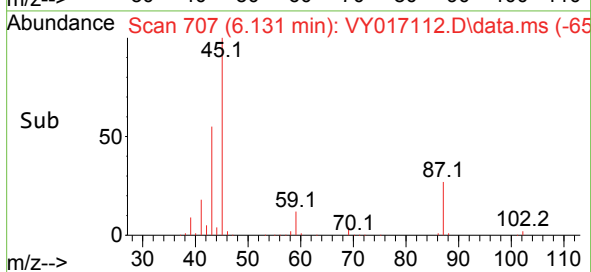
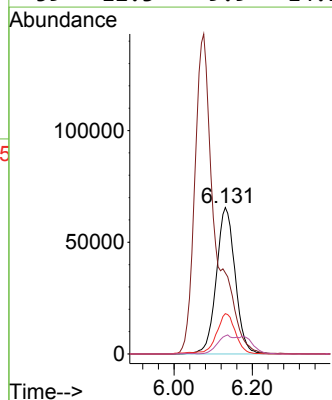
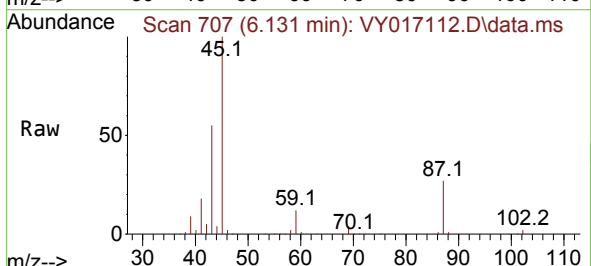
Ion Ratio Lower Upper

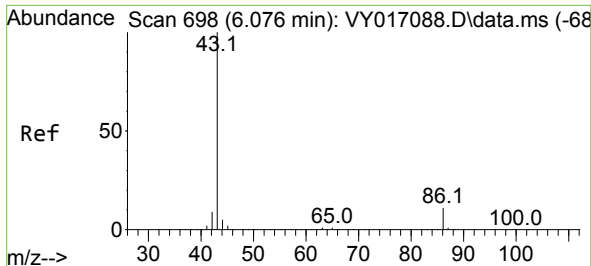
45 100

43 54.9 46.8 70.2

87 27.5 22.2 33.2

59 12.3 9.9 14.9

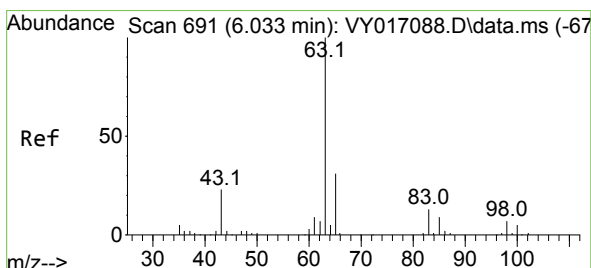
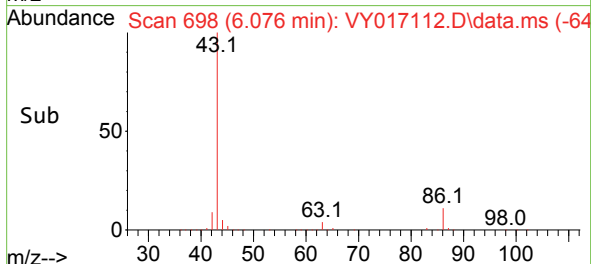
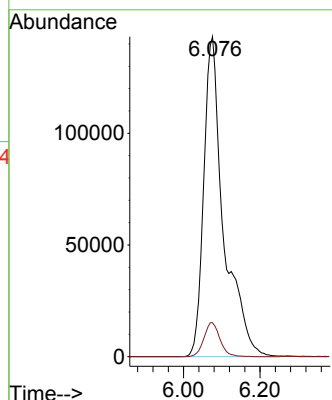
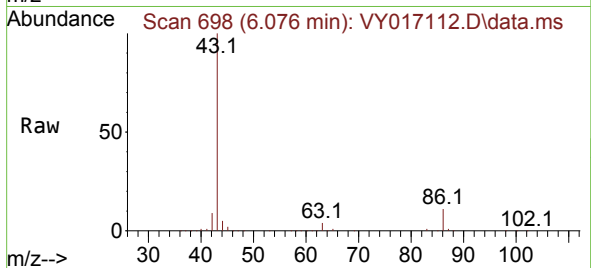




#23
 Vinyl Acetate
 Concen: 239.214 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY017112.D
 Acq: 26 Jan 2024 10:10

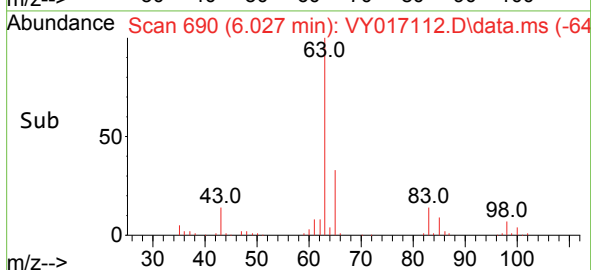
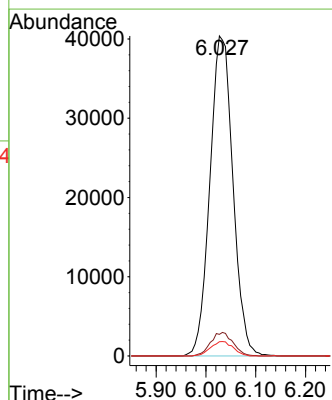
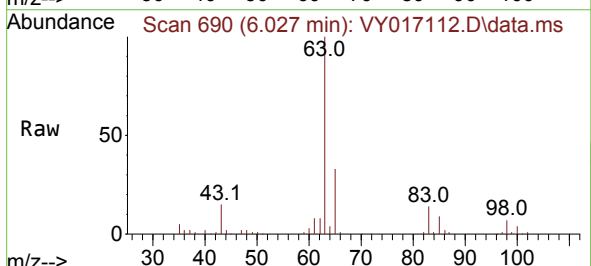
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

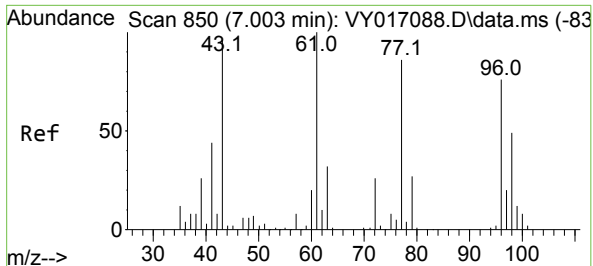
Tgt Ion: 43 Resp: 518018
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 47.569 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY017112.D
 Acq: 26 Jan 2024 10:10

Tgt Ion: 63 Resp: 129527
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 4.5 2.1 6.2

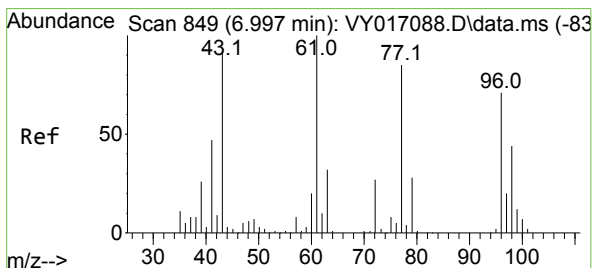
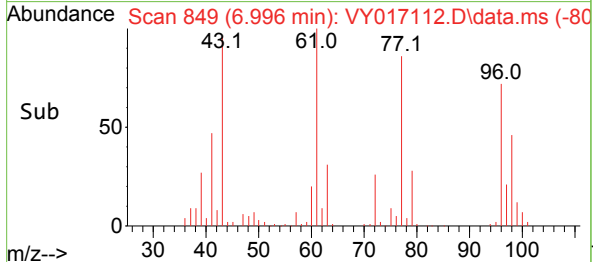
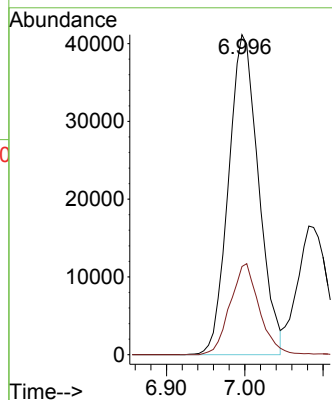
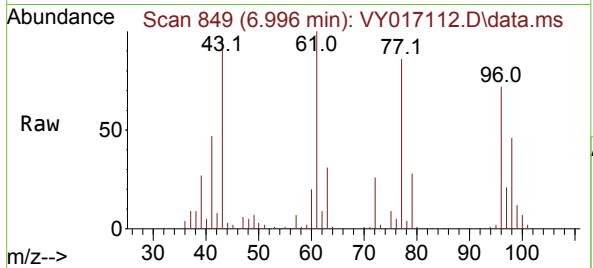




#25
2-Butanone
Concen: 230.160 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

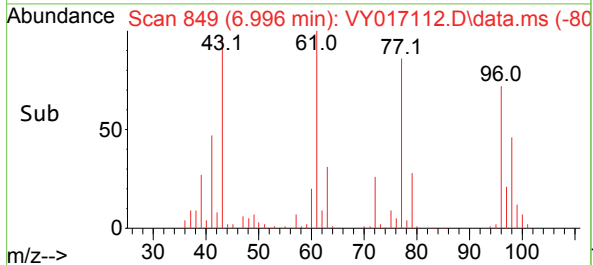
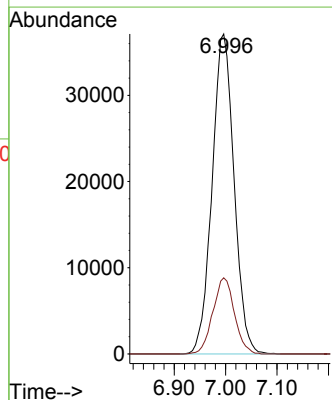
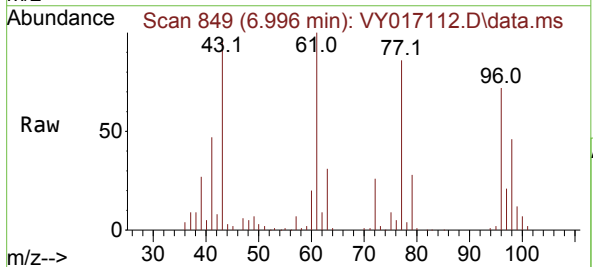
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

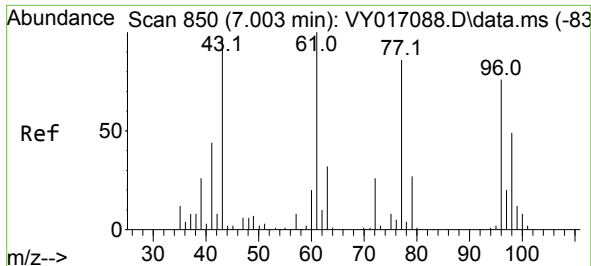
Tgt Ion: 43 Resp: 109553
Ion Ratio Lower Upper
43 100
72 27.6 21.4 32.2



#26
2,2-Dichloropropane
Concen: 47.376 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion: 77 Resp: 110180
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 47.230 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

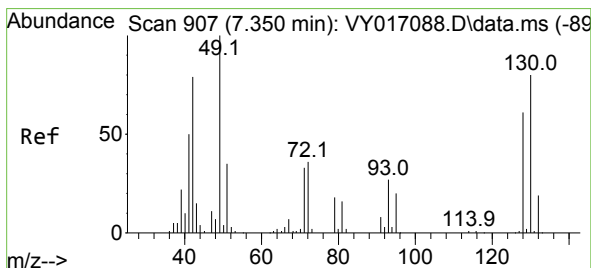
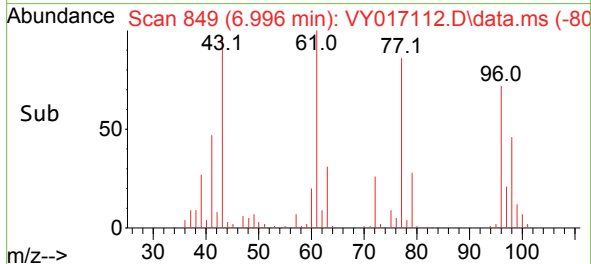
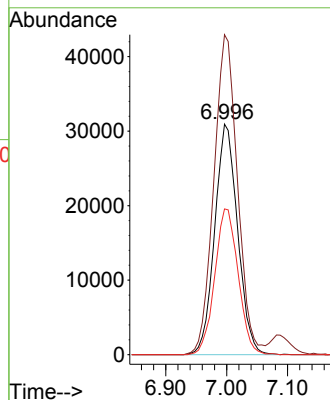
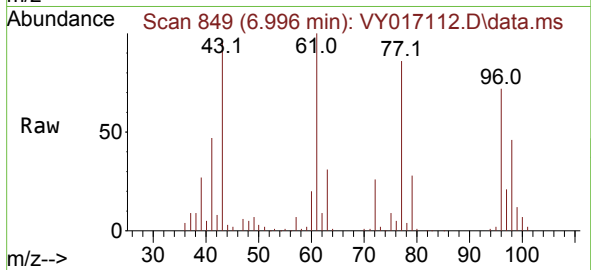
Tgt Ion: 96 Resp: 81004

Ion Ratio Lower Upper

96 100

61 143.4 0.0 278.8

98 64.6 0.0 127.0



#28

Bromochloromethane

Concen: 48.151 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

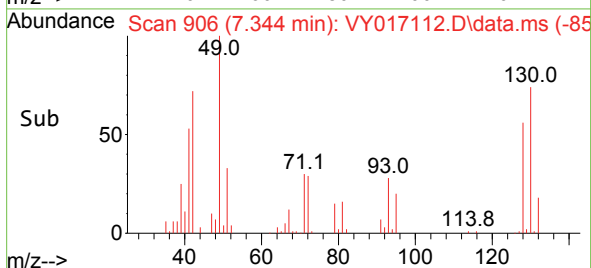
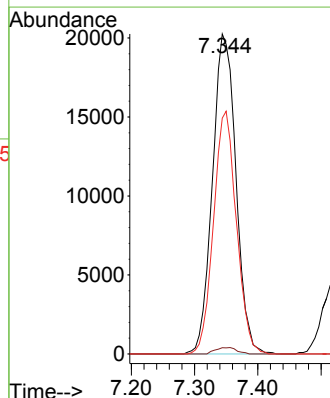
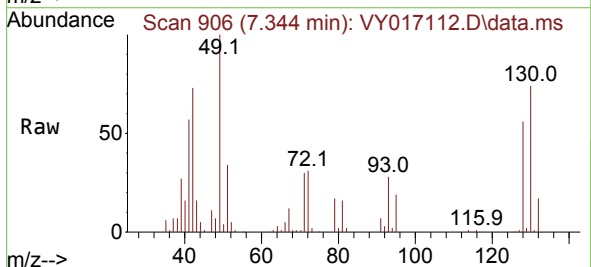
Tgt Ion: 49 Resp: 52197

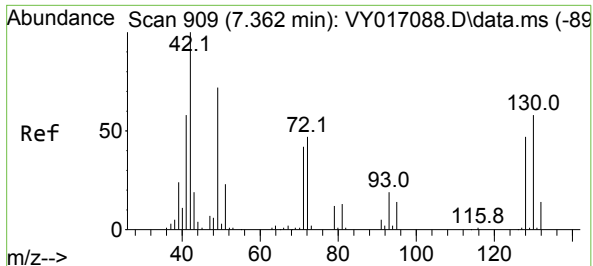
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 73.8 59.8 89.8





#29

Tetrahydrofuran

Concen: 254.864 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

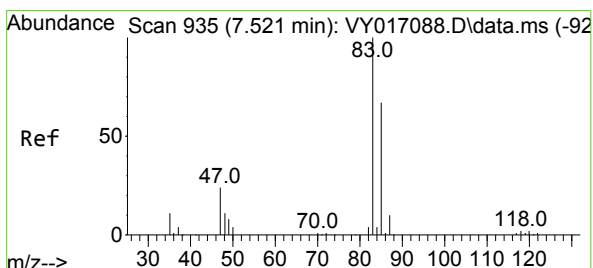
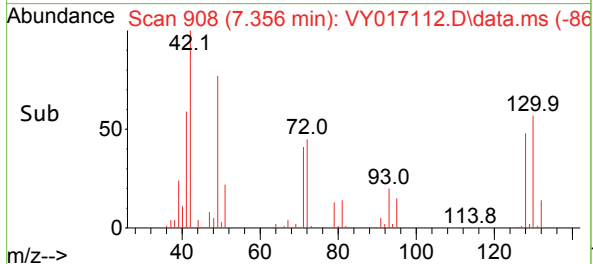
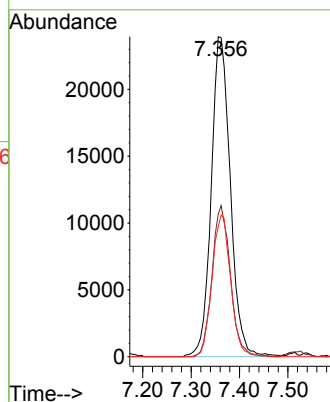
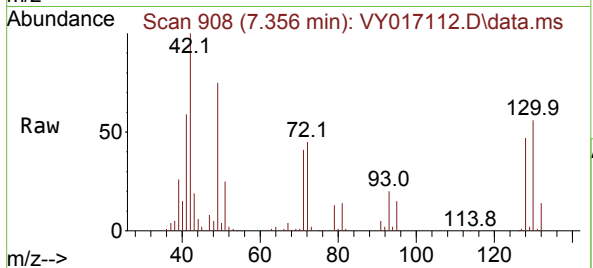
Tgt Ion: 42 Resp: 65802

Ion Ratio Lower Upper

42 100

72 45.3 36.6 54.8

71 42.9 33.8 50.6



#30

Chloroform

Concen: 47.477 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY017112.D

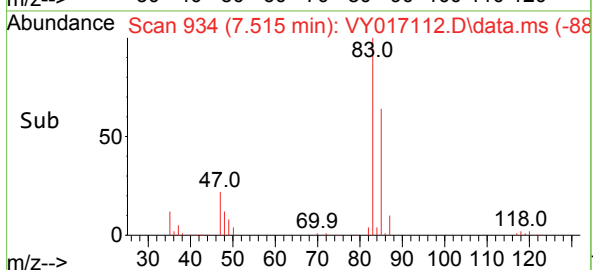
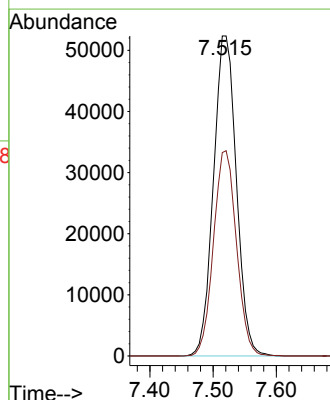
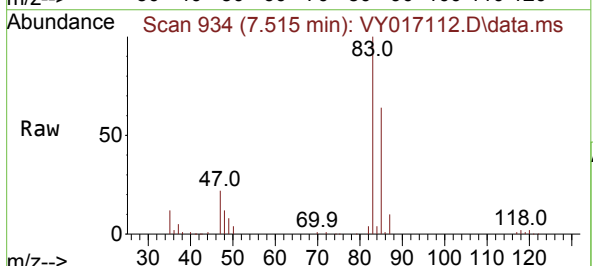
Acq: 26 Jan 2024 10:10

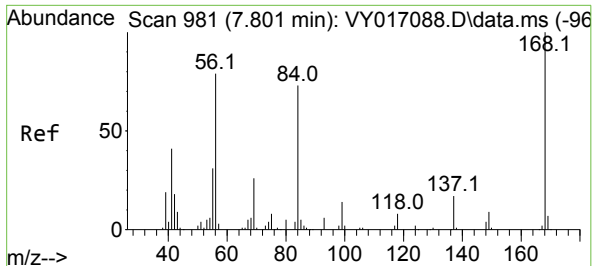
Tgt Ion: 83 Resp: 131637

Ion Ratio Lower Upper

83 100

85 63.6 51.2 76.8

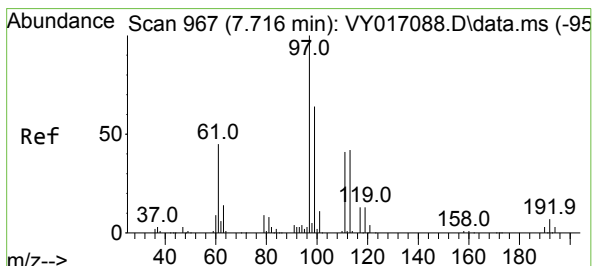
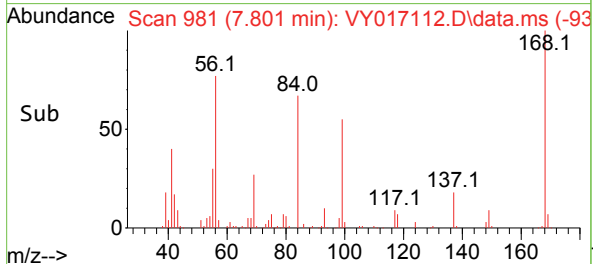
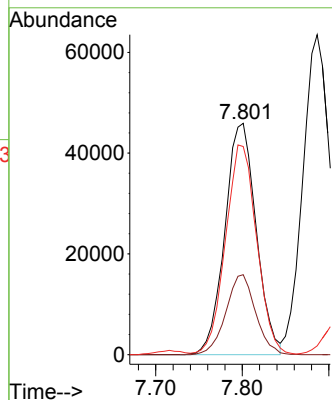
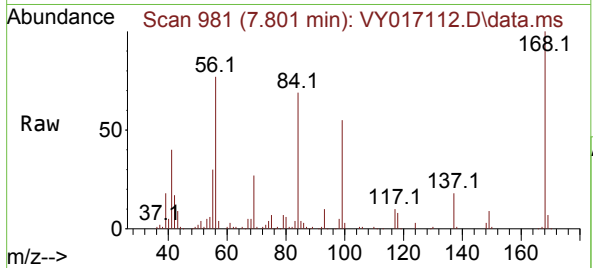




#31
Cyclohexane
Concen: 51.118 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

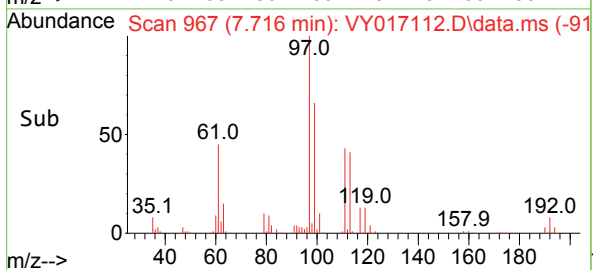
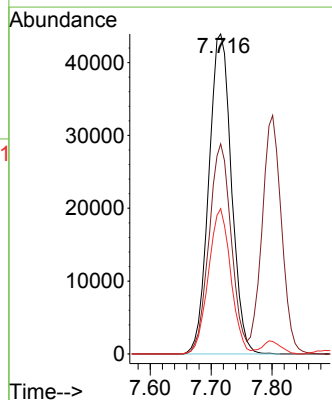
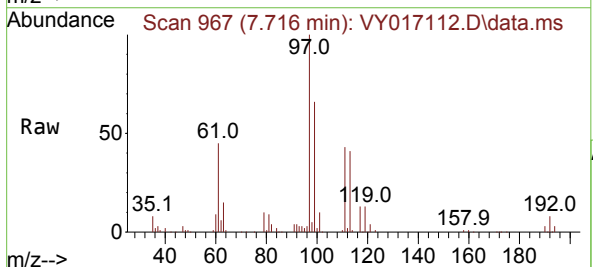
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

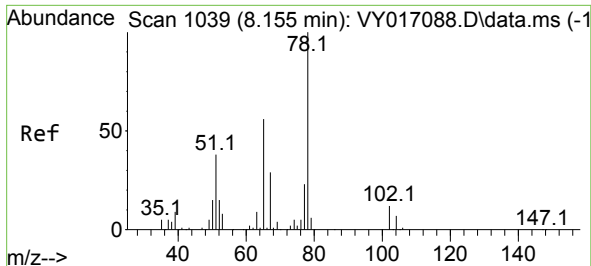
Tgt Ion: 56 Resp: 115312
Ion Ratio Lower Upper
56 100
69 34.6 27.0 40.6
84 88.6 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 47.588 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion: 97 Resp: 113143
Ion Ratio Lower Upper
97 100
99 64.7 51.2 76.8
61 45.0 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 49.227 ug/l

RT: 8.155 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

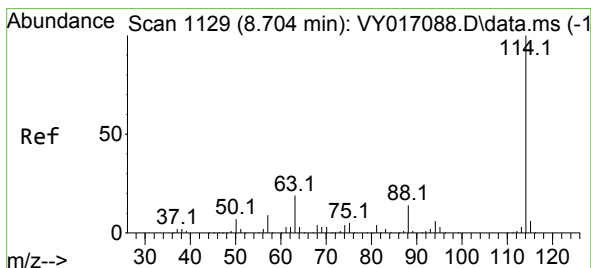
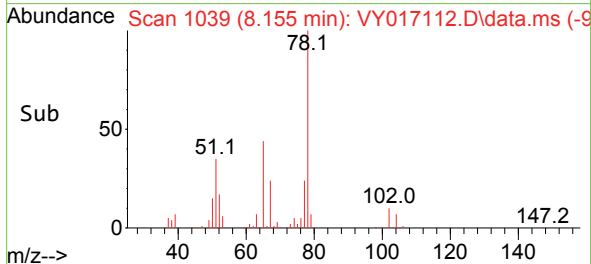
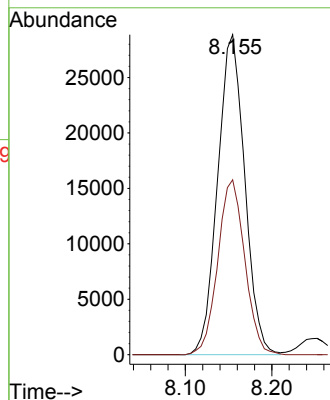
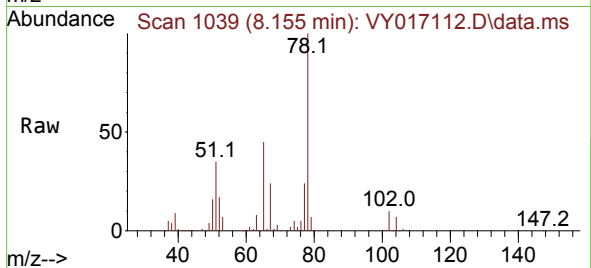
VSTDCCC050

Tgt Ion: 65 Resp: 62678

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

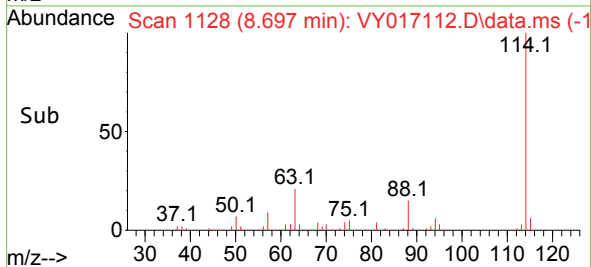
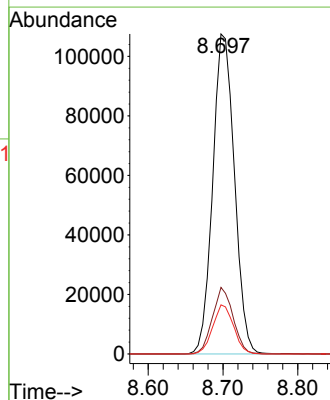
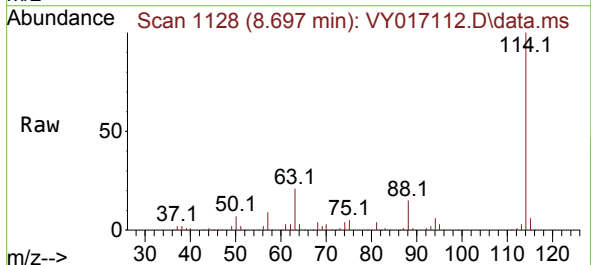
Tgt Ion: 114 Resp: 217127

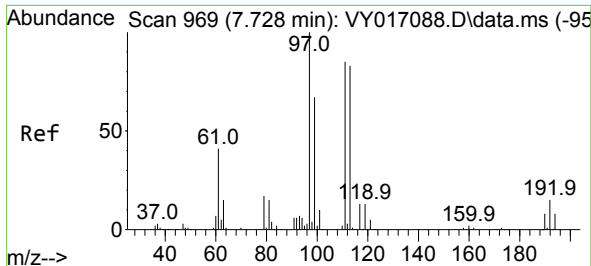
Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 15.4 0.0 29.0

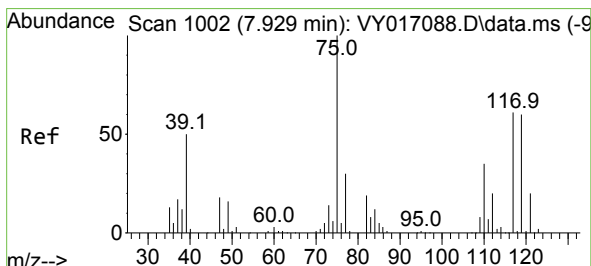
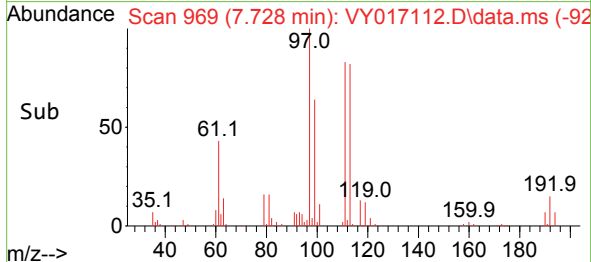
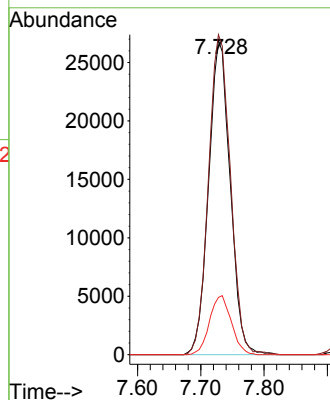
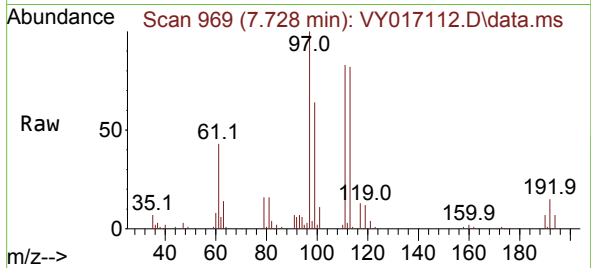




#35
Dibromofluoromethane
Concen: 48.541 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

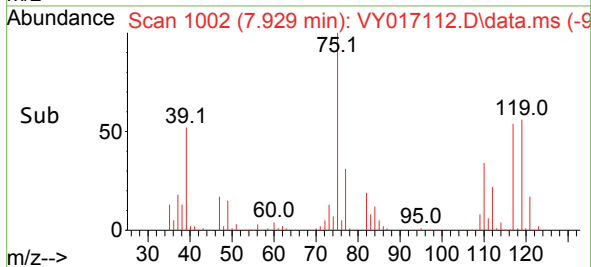
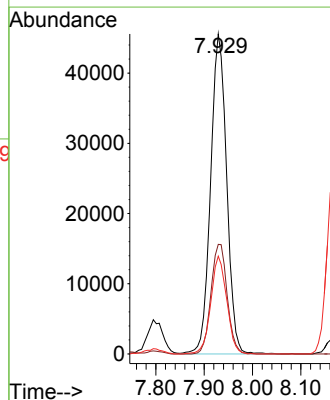
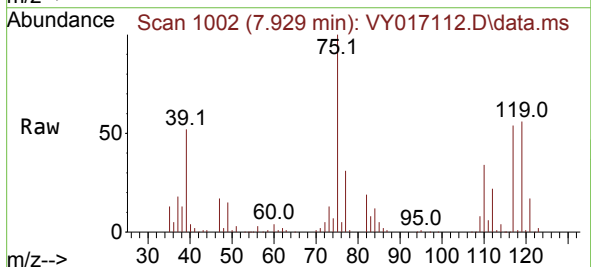
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

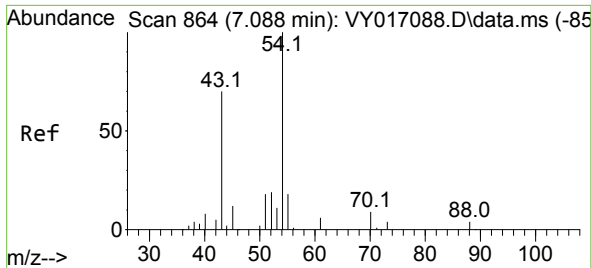
Tgt Ion:113 Resp: 63611
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 19.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 48.727 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion: 75 Resp: 105062
Ion Ratio Lower Upper
75 100
110 34.5 17.4 52.3
77 30.2 24.7 37.1





#37

Ethyl Acetate

Concen: 50.179 ug/l

RT: 7.082 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

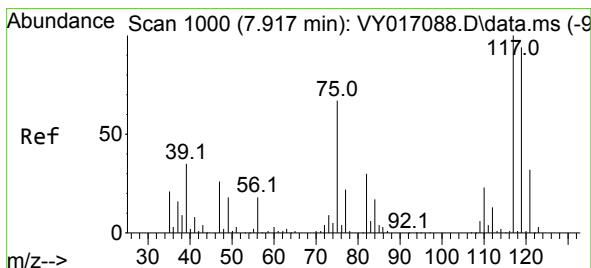
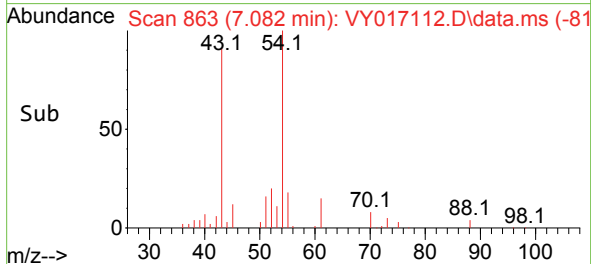
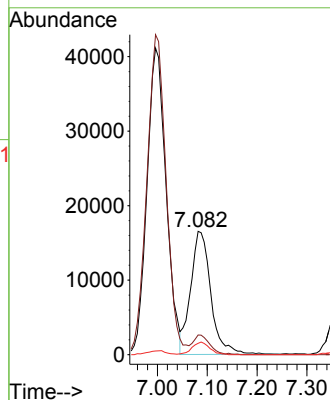
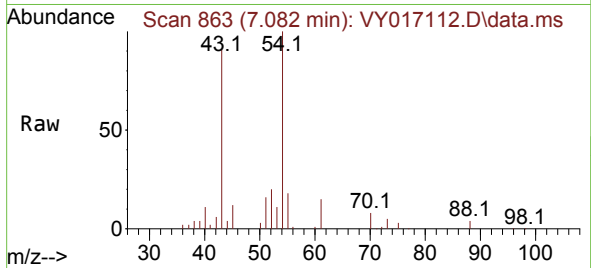
Tgt Ion: 43 Resp: 46521

Ion Ratio Lower Upper

43 100

61 13.1 11.0 16.6

70 8.9 8.1 12.1



#38

Carbon Tetrachloride

Concen: 47.566 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

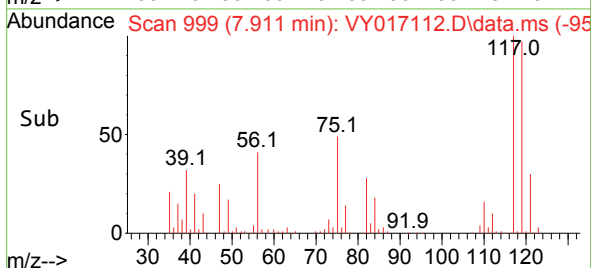
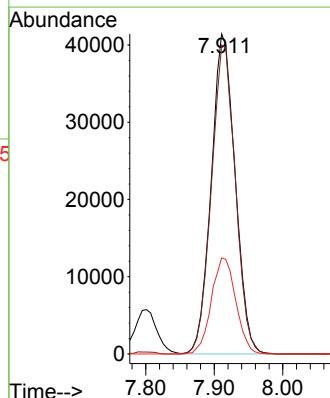
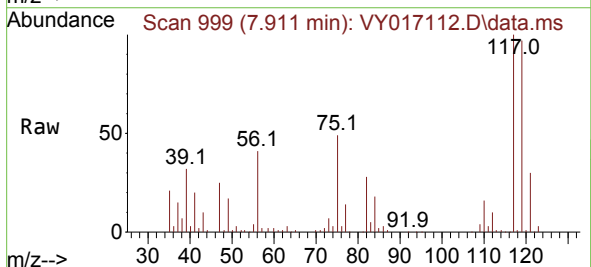
Tgt Ion: 117 Resp: 100503

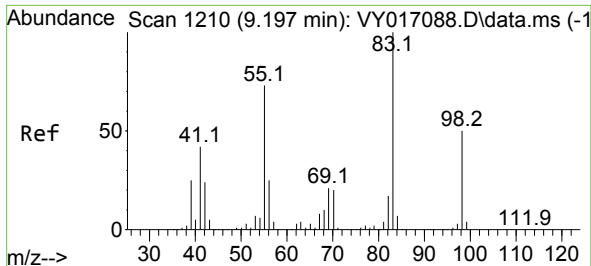
Ion Ratio Lower Upper

117 100

119 96.5 76.0 114.0

121 30.0 24.2 36.2





#39

Methylcyclohexane

Concen: 49.402 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

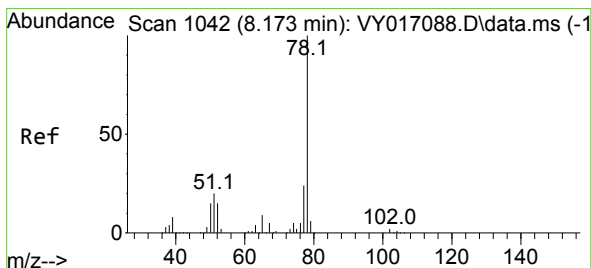
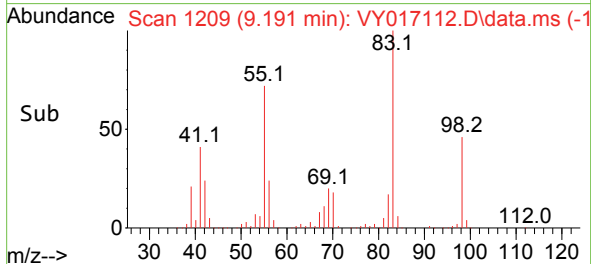
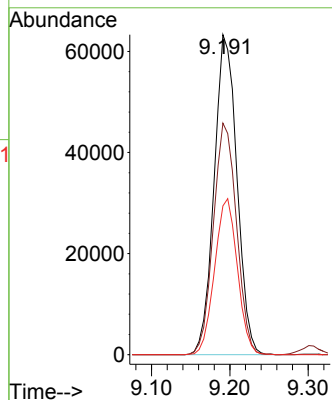
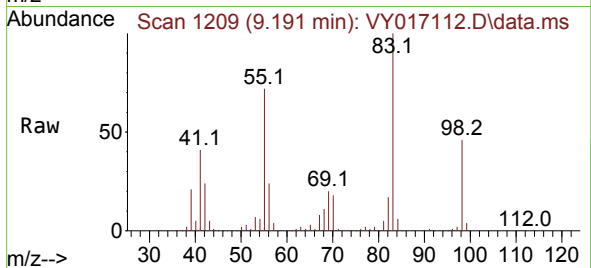
Tgt Ion: 83 Resp: 128113

Ion Ratio Lower Upper

83 100

55 72.4 59.7 89.5

98 46.5 38.0 57.0



#40

Benzene

Concen: 48.057 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY017112.D

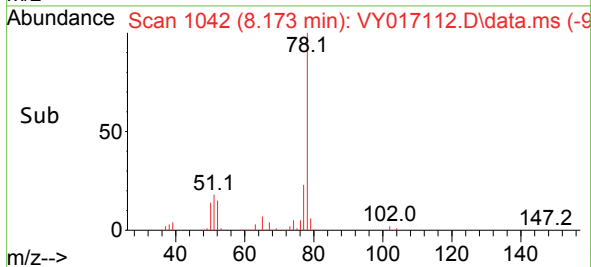
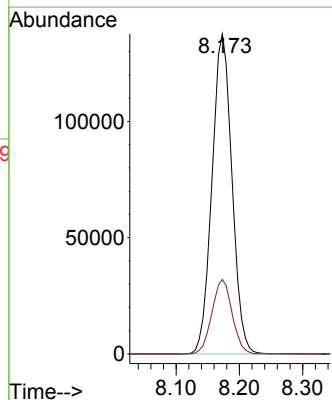
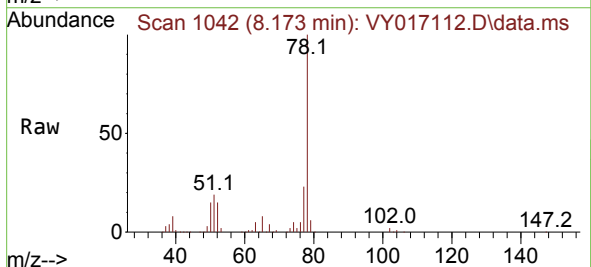
Acq: 26 Jan 2024 10:10

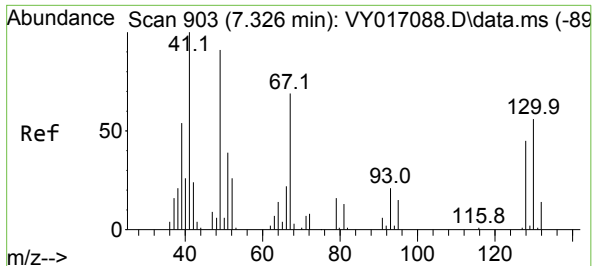
Tgt Ion: 78 Resp: 300918

Ion Ratio Lower Upper

78 100

77 23.2 18.8 28.2



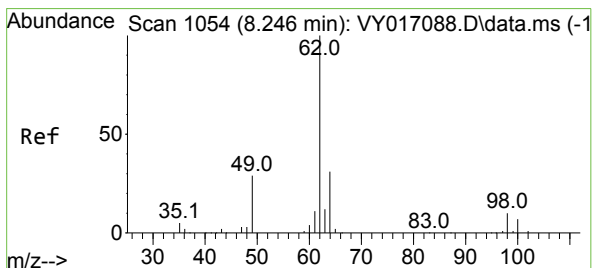
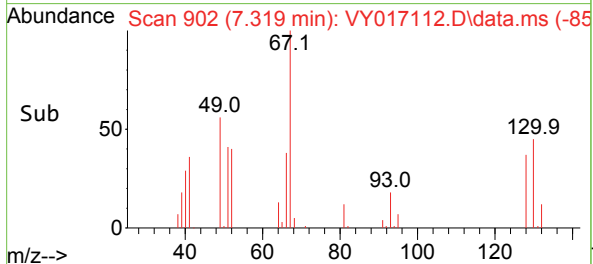
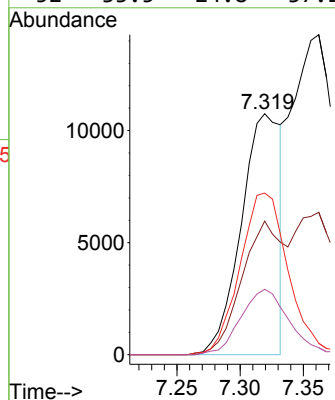
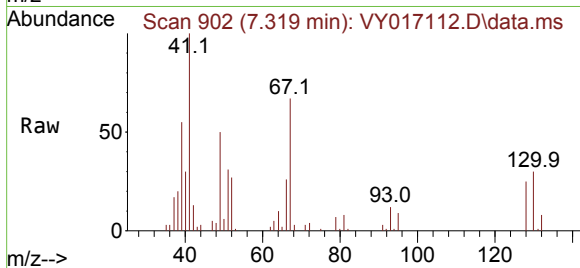


#41
Methacrylonitrile
Concen: 47.161 ug/l
RT: 7.319 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 23384

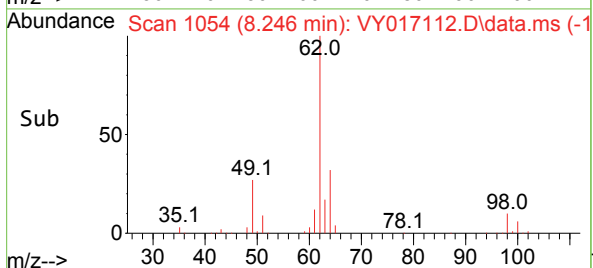
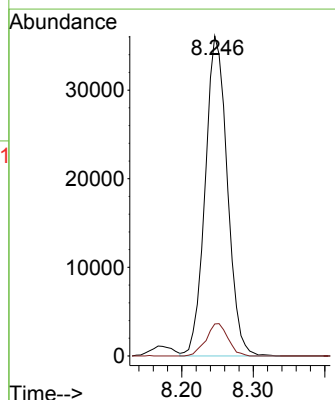
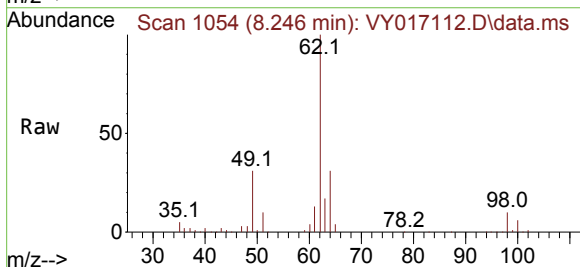
Ion	Ratio	Lower	Upper
41	100		
39	60.6	41.9	62.9
67	82.3	59.8	89.6
52	33.5	24.8	37.2

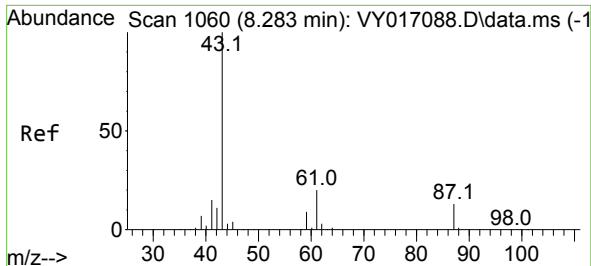


#42
1,2-Dichloroethane
Concen: 47.843 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion: 62 Resp: 77667

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2

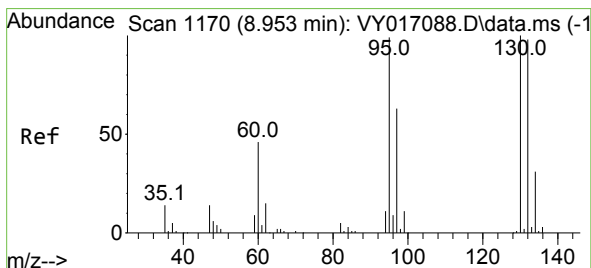
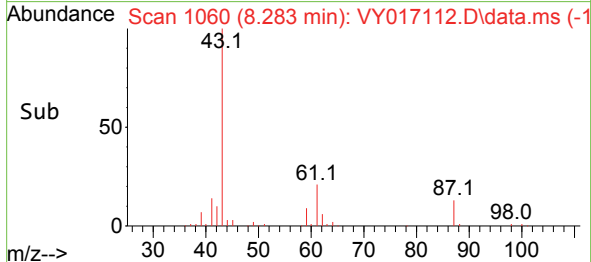
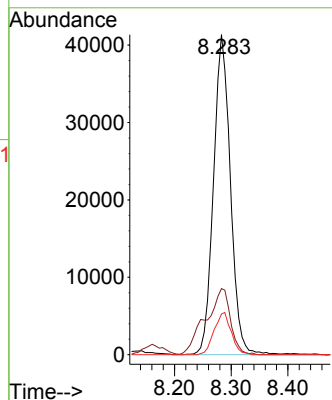
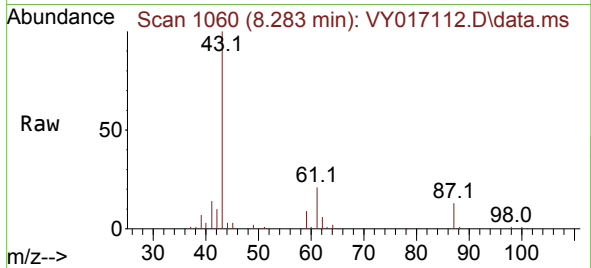




#43
Isopropyl Acetate
Concen: 49.524 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

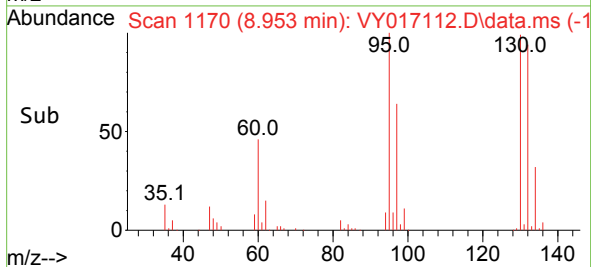
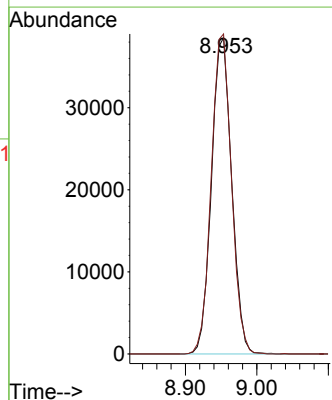
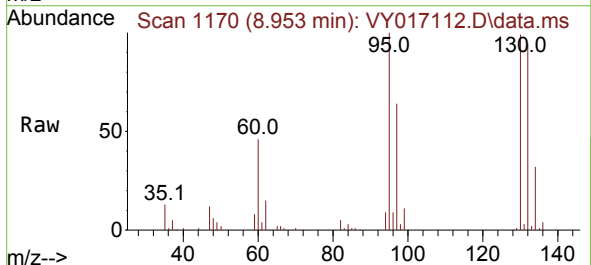
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

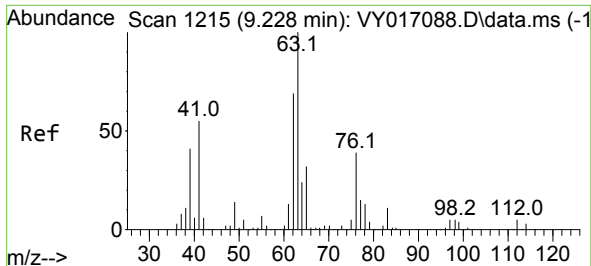
Tgt Ion: 43 Resp: 85713
Ion Ratio Lower Upper
43 100
61 30.4 24.8 37.2
87 13.3 10.7 16.1



#44
Trichloroethene
Concen: 47.007 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion:130 Resp: 75494
Ion Ratio Lower Upper
130 100
95 101.2 0.0 203.8

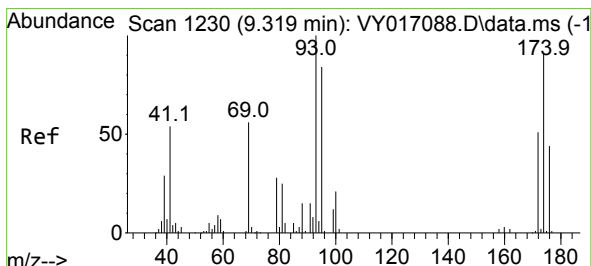
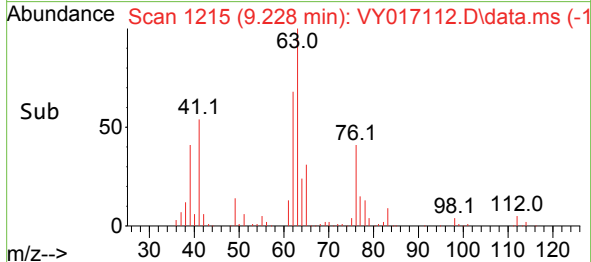
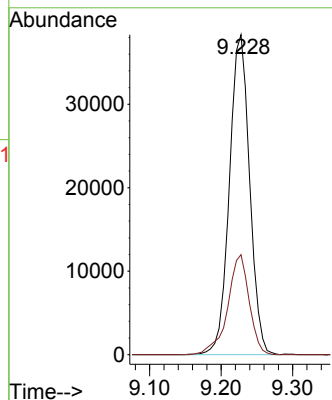
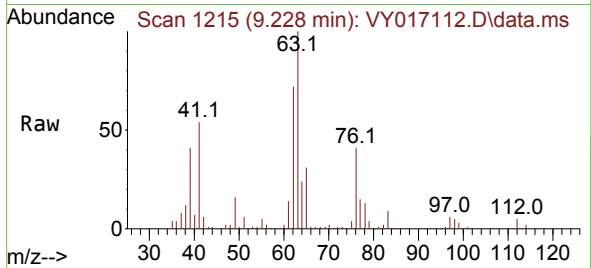




#45
1,2-Dichloropropane
Concen: 48.948 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

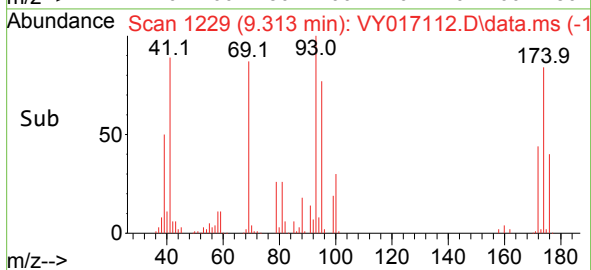
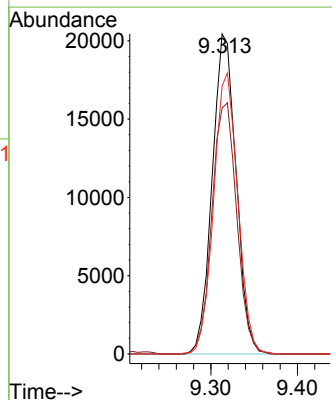
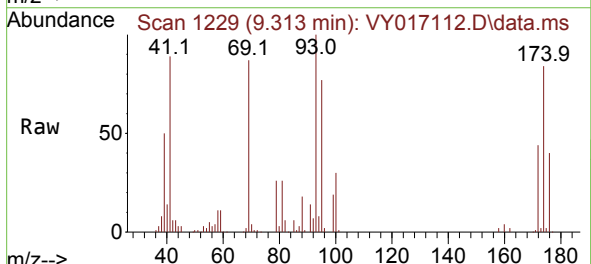
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

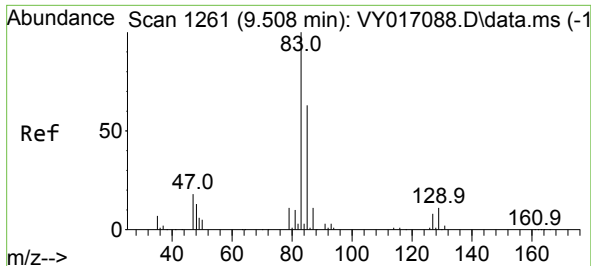
Tgt Ion: 63 Resp: 75228
Ion Ratio Lower Upper
63 100
65 31.2 24.6 36.8



#46
Dibromomethane
Concen: 48.093 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion: 93 Resp: 39254
Ion Ratio Lower Upper
93 100
95 81.3 66.6 99.8
174 88.6 73.8 110.6

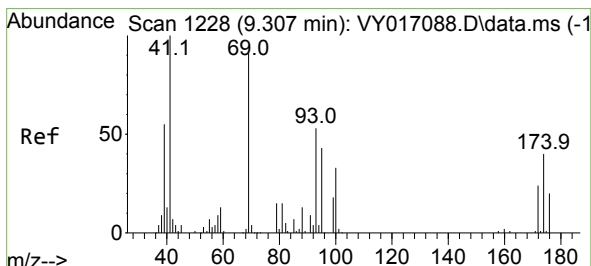
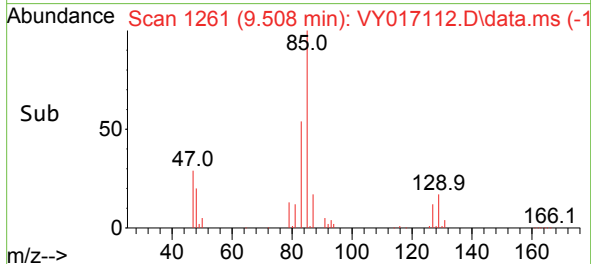
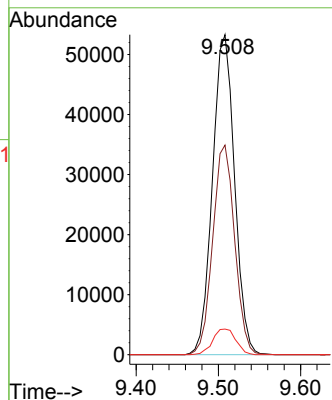
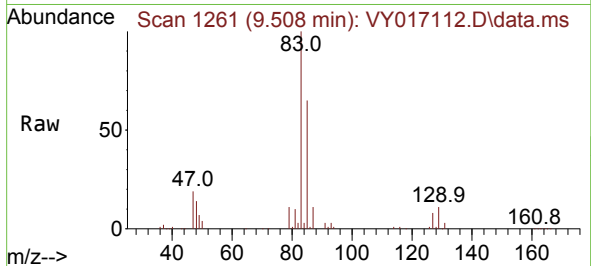




#47
Bromodichloromethane
Concen: 47.871 ug/l
RT: 9.508 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

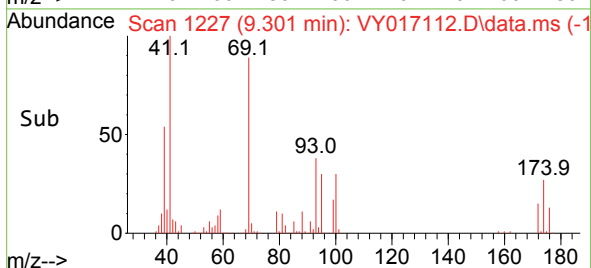
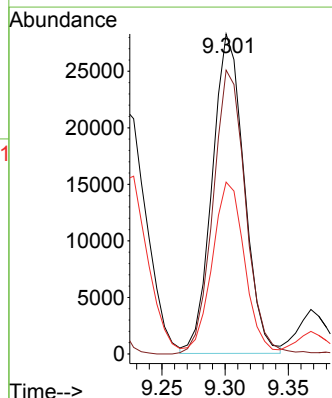
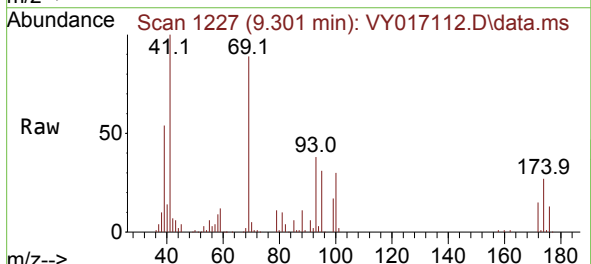
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

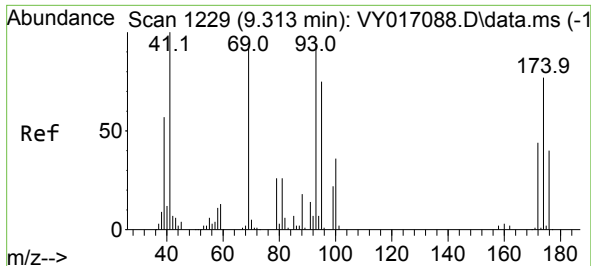
Tgt Ion: 83 Resp: 99403
Ion Ratio Lower Upper
83 100
85 65.5 53.2 79.8
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 51.682 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion: 41 Resp: 49665
Ion Ratio Lower Upper
41 100
69 90.6 72.1 108.1
39 51.8 42.8 64.2





#49

1,4-Dioxane

Concen: 1074.799 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

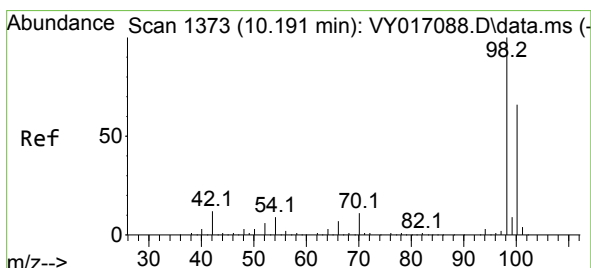
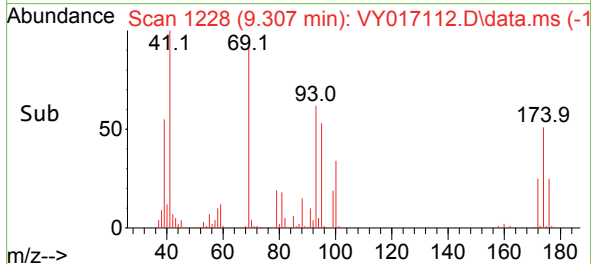
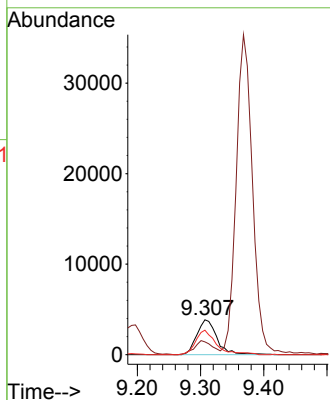
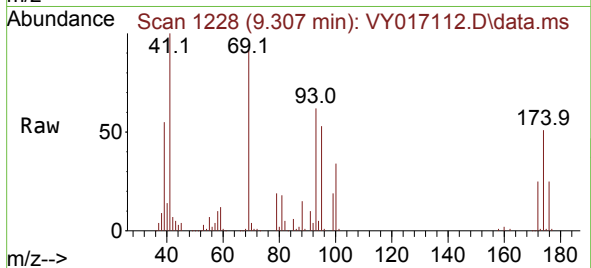
Tgt Ion: 88 Resp: 8628

Ion Ratio Lower Upper

88 100

43 36.1 28.2 42.4

58 71.1 52.2 78.2



#50

Toluene-d8

Concen: 50.119 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY017112.D

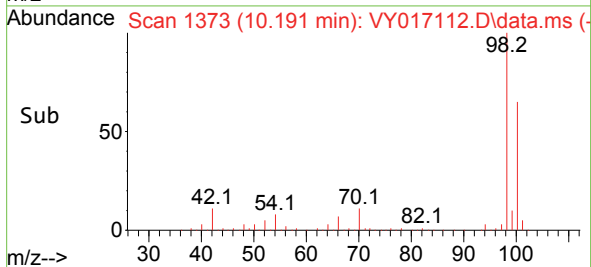
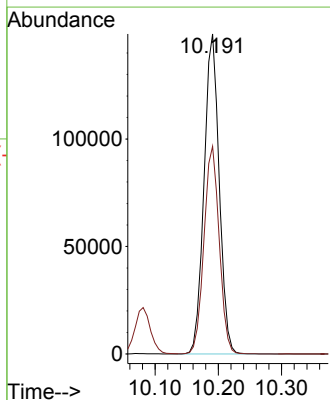
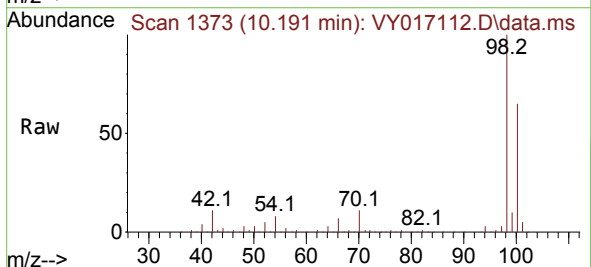
Acq: 26 Jan 2024 10:10

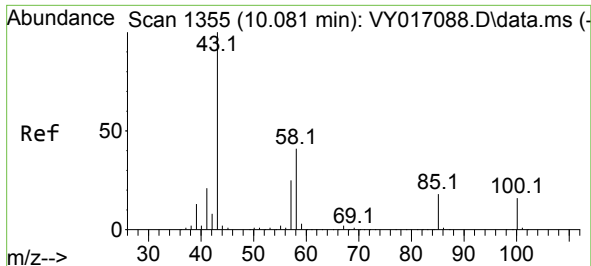
Tgt Ion: 98 Resp: 248069

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 254.266 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

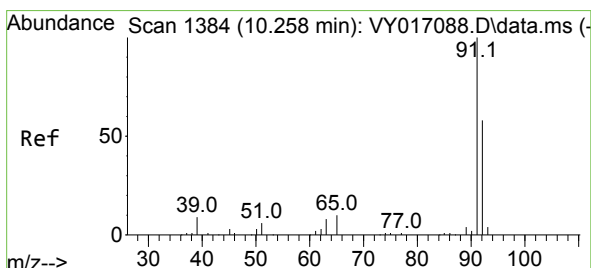
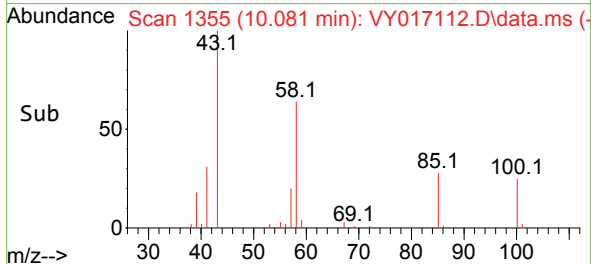
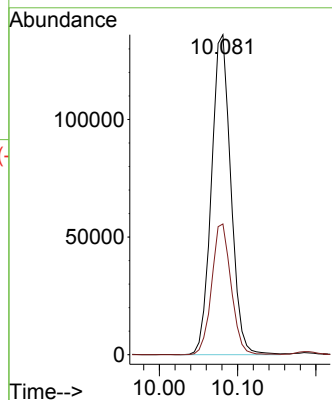
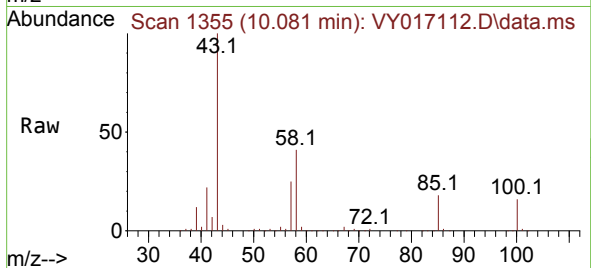
VSTDCCC050

Tgt Ion: 43 Resp: 234096

Ion Ratio Lower Upper

43 100

58 40.9 32.2 48.2



#52

Toluene

Concen: 48.987 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VY017112.D

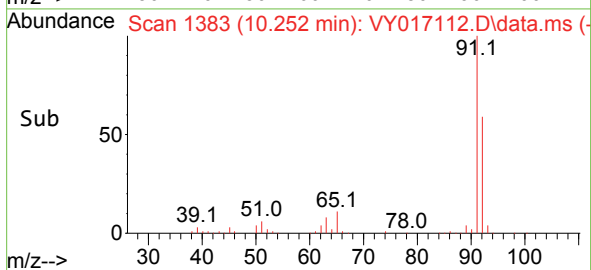
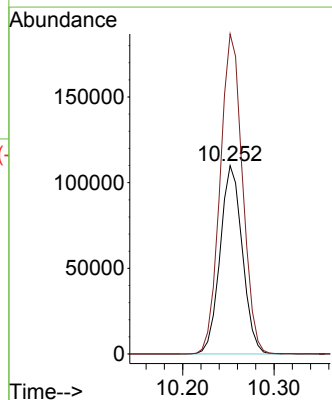
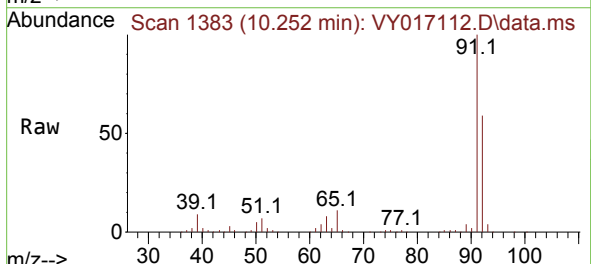
Acq: 26 Jan 2024 10:10

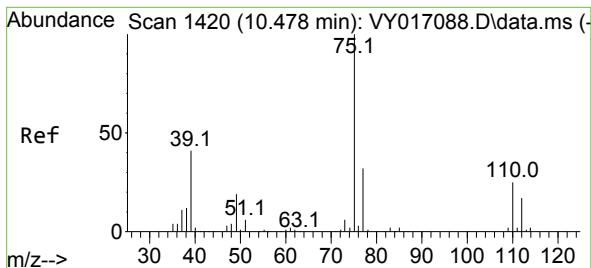
Tgt Ion: 92 Resp: 185659

Ion Ratio Lower Upper

92 100

91 171.3 137.6 206.4

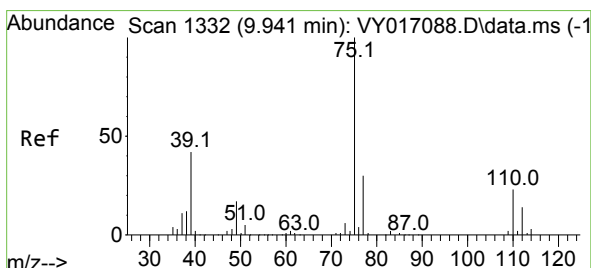
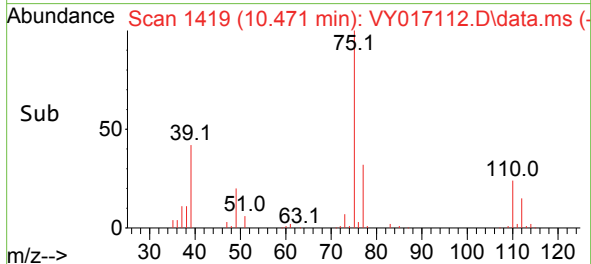
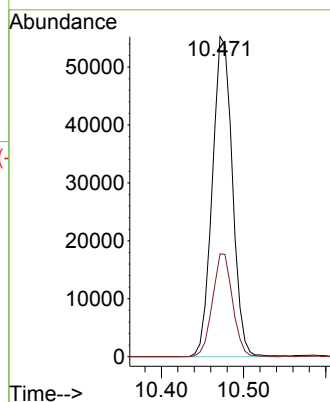
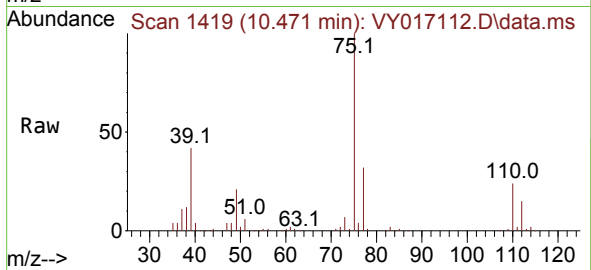




#53
t-1,3-Dichloropropene
Concen: 49.481 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

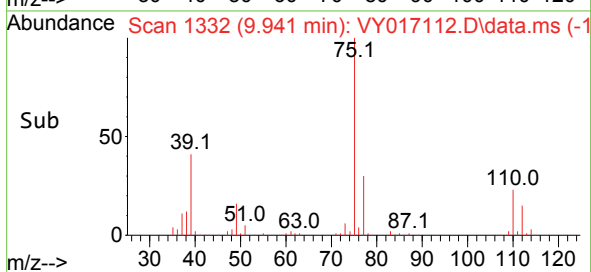
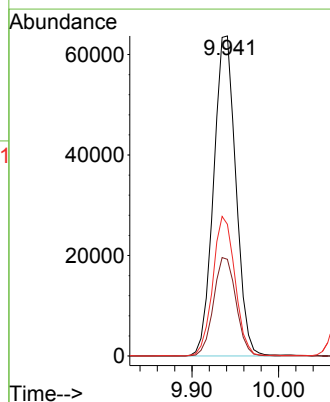
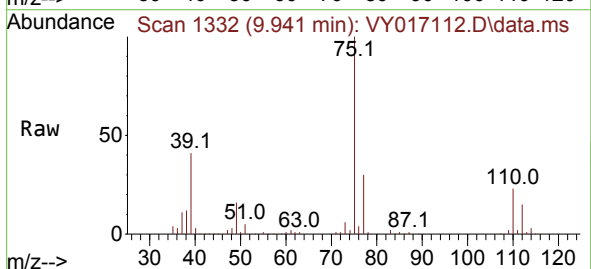
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

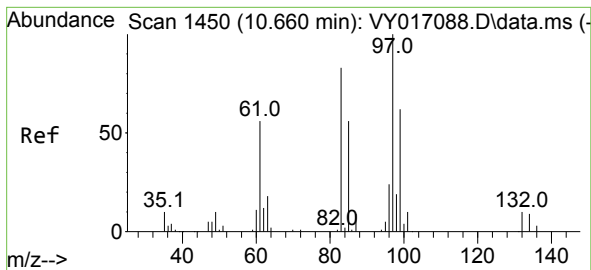
Tgt Ion: 75 Resp: 93862
Ion Ratio Lower Upper
75 100
77 32.2 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 48.741 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion: 75 Resp: 113714
Ion Ratio Lower Upper
75 100
77 30.2 24.6 36.8
39 41.1 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 47.021 ug/l

RT: 10.654 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 53640

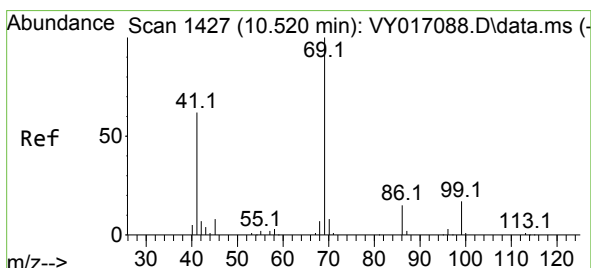
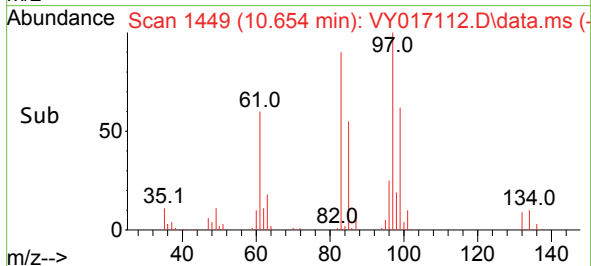
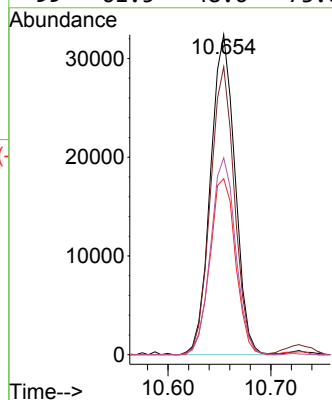
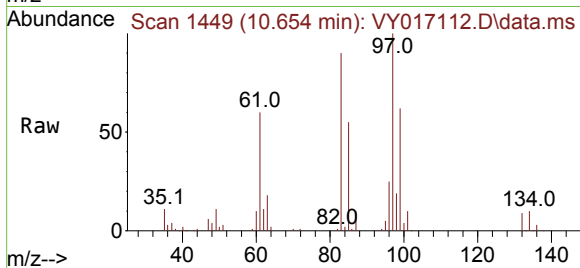
Ion Ratio Lower Upper

97 100

83 89.9 69.4 104.2

85 55.0 43.9 65.9

99 61.5 48.6 73.0



#56

Ethyl methacrylate

Concen: 50.690 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

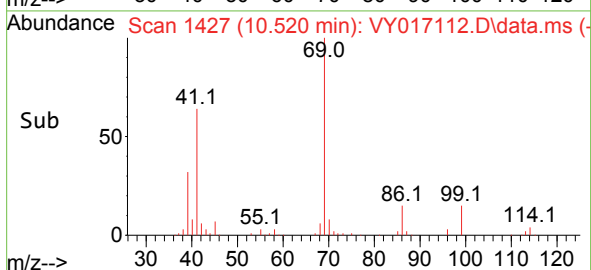
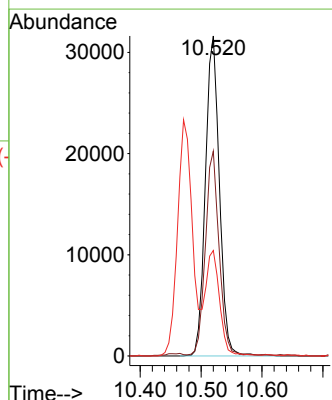
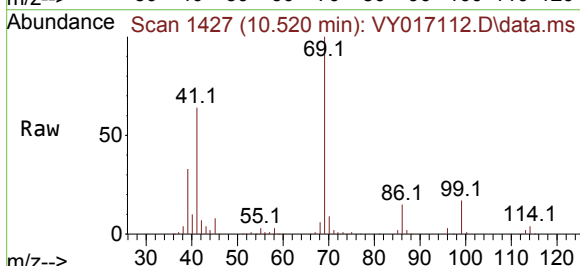
Tgt Ion: 69 Resp: 50567

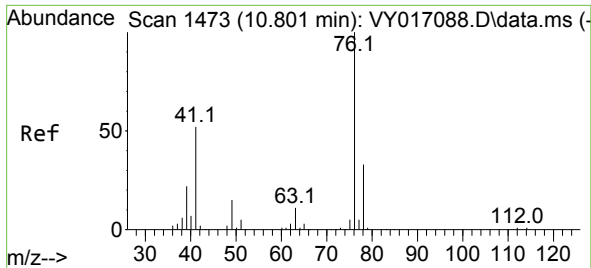
Ion Ratio Lower Upper

69 100

41 62.1 49.2 73.8

39 30.9 26.8 40.2

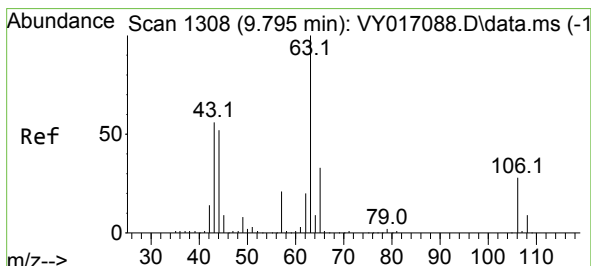
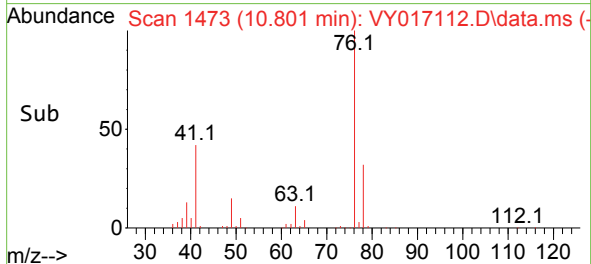
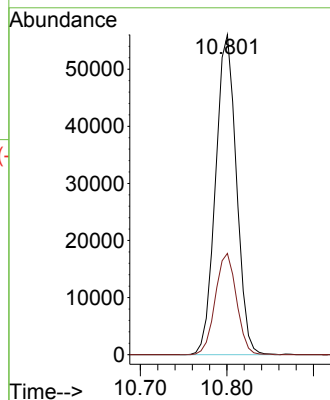
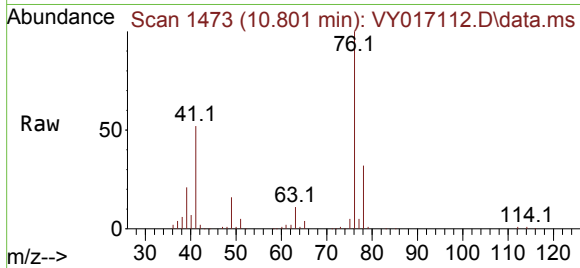




#57
1,3-Dichloropropane
Concen: 48.596 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.001 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

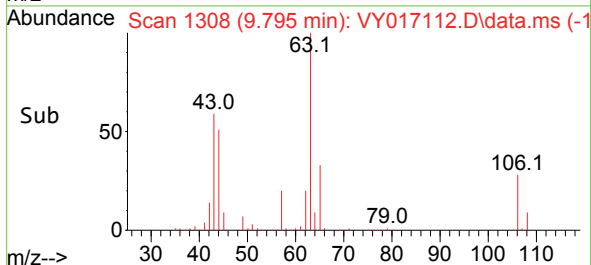
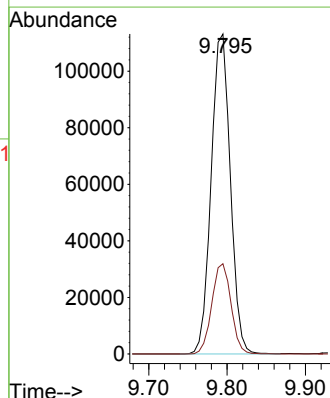
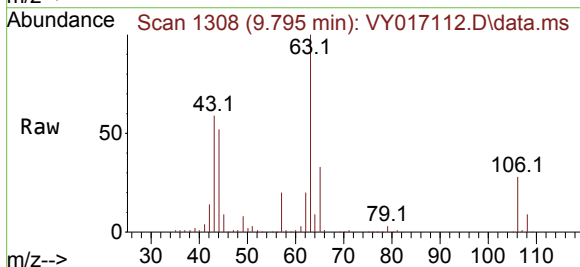
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

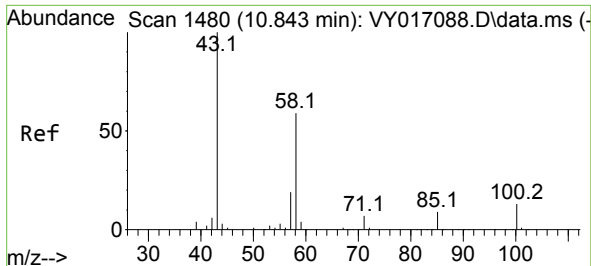
Tgt Ion: 76 Resp: 93726
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 277.788 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.007 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion: 63 Resp: 192359
Ion Ratio Lower Upper
63 100
106 28.2 22.4 33.6

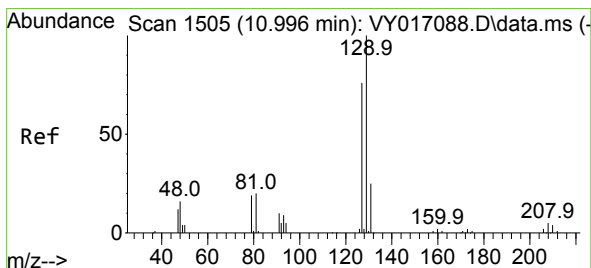
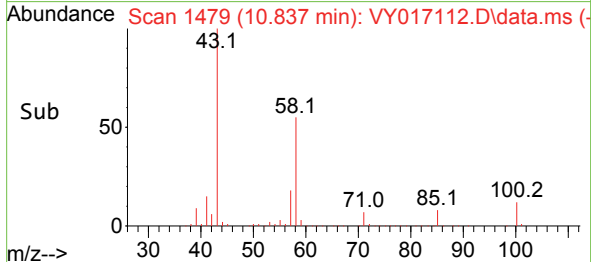
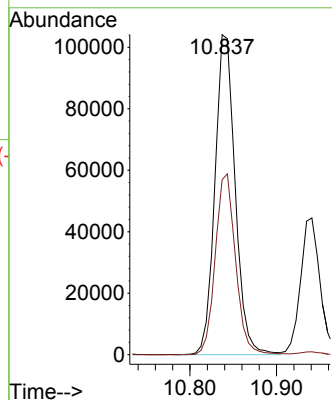
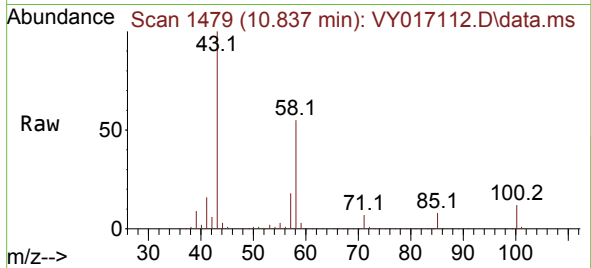




#59
2-Hexanone
Concen: 241.207 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

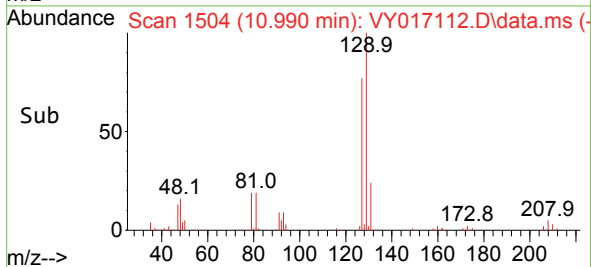
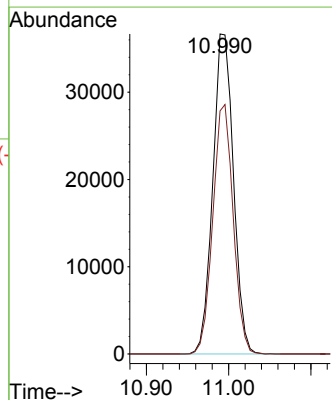
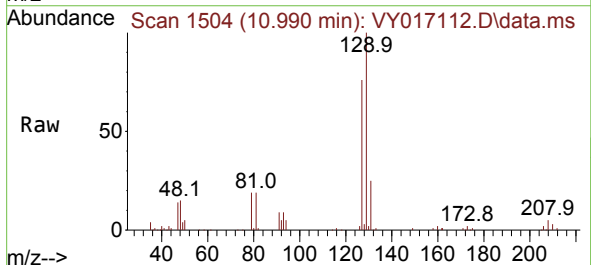
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

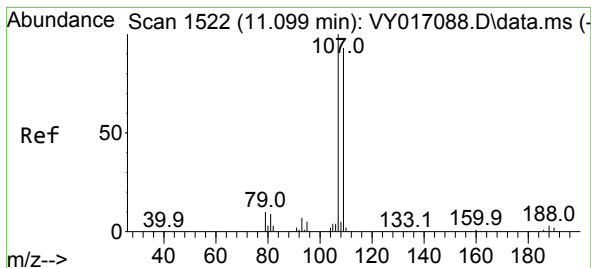
Tgt Ion: 43 Resp: 169421
Ion Ratio Lower Upper
43 100
58 56.6 28.1 84.3



#60
Dibromochloromethane
Concen: 48.284 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.007 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion: 129 Resp: 63993
Ion Ratio Lower Upper
129 100
127 76.8 39.2 117.6

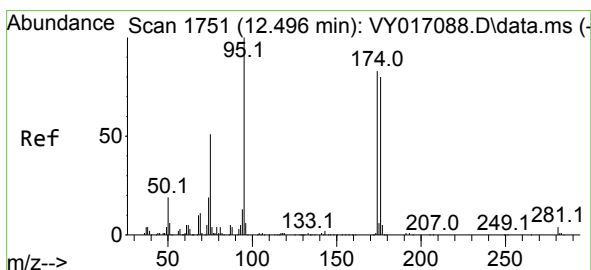
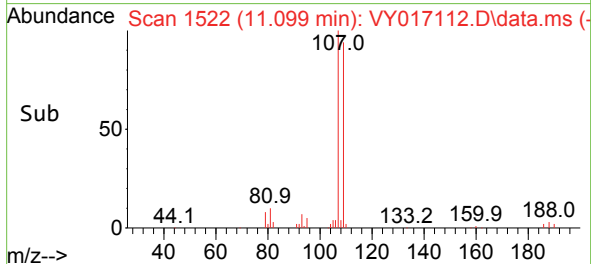
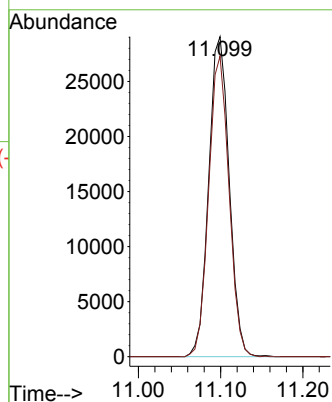
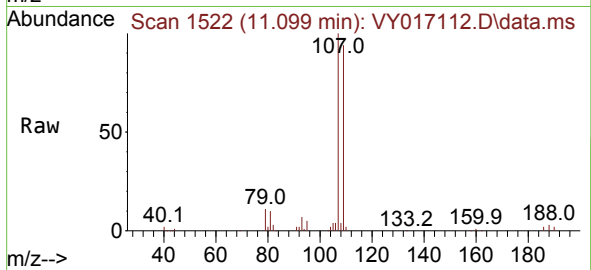




#61
1,2-Dibromoethane
Concen: 48.622 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

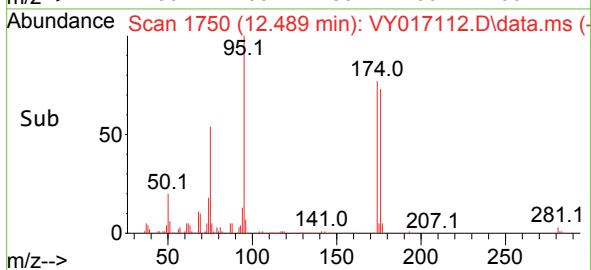
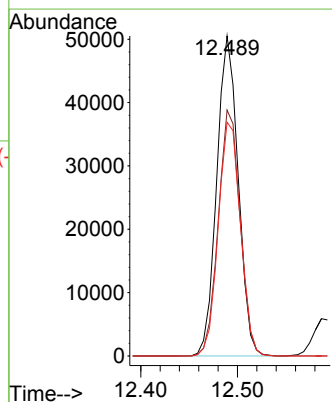
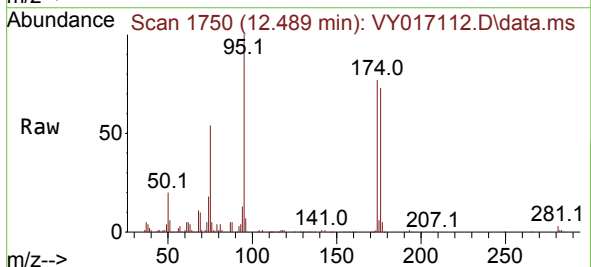
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

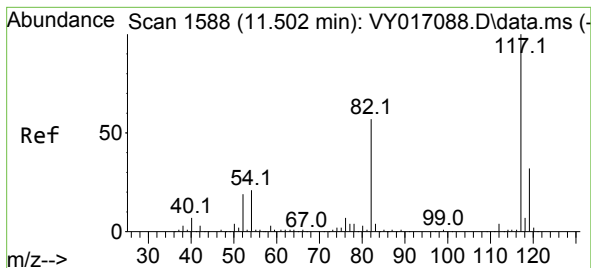
Tgt Ion:107 Resp: 50387
Ion Ratio Lower Upper
107 100
109 92.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 51.011 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion: 95 Resp: 77780
Ion Ratio Lower Upper
95 100
174 78.0 0.0 160.0
176 75.6 0.0 151.8

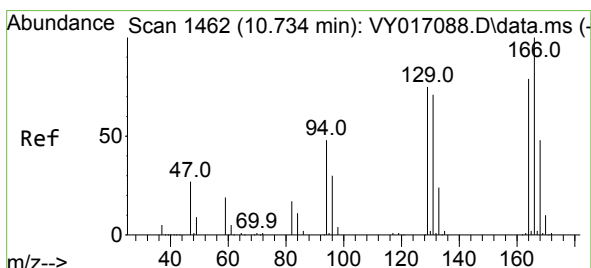
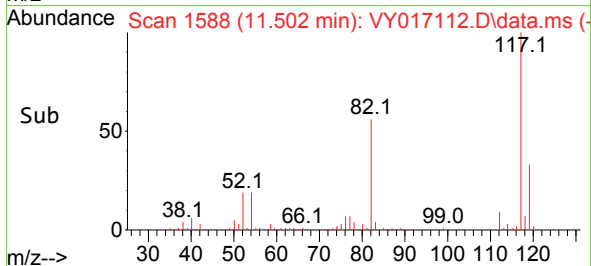
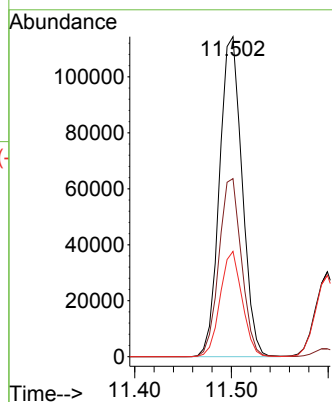
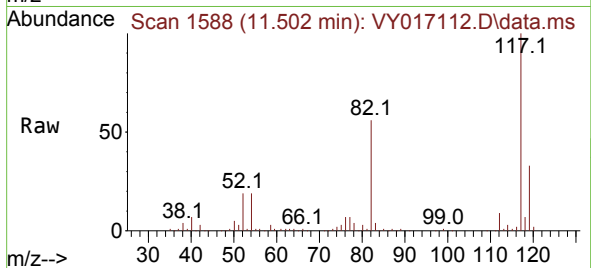




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

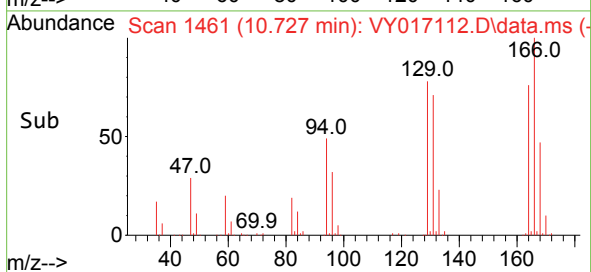
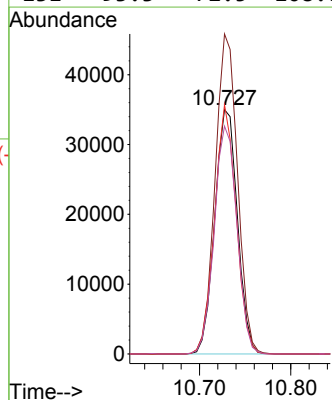
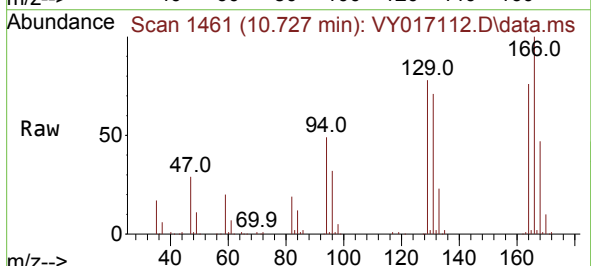
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

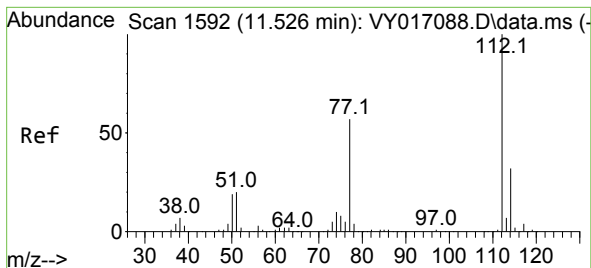
Tgt Ion:117 Resp: 185414
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 32.9 26.5 39.7



#64
Tetrachloroethene
Concen: 46.718 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion:164 Resp: 60378
Ion Ratio Lower Upper
164 100
166 131.0 98.8 148.2
129 102.1 78.9 118.3
131 93.3 72.5 108.7

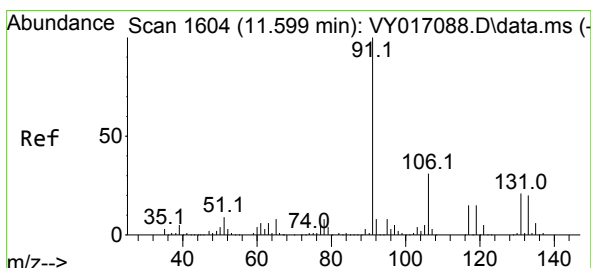
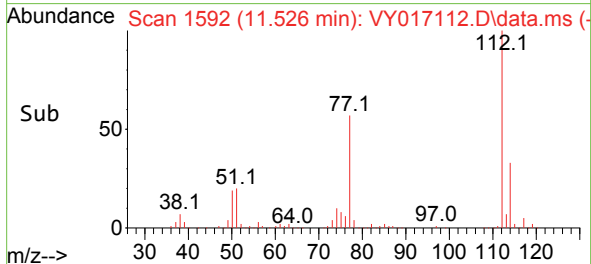
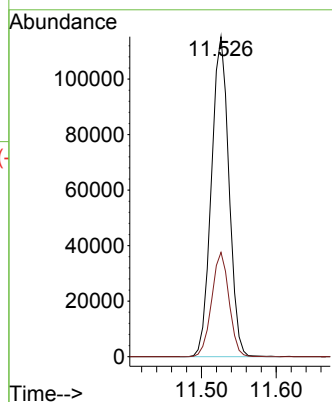
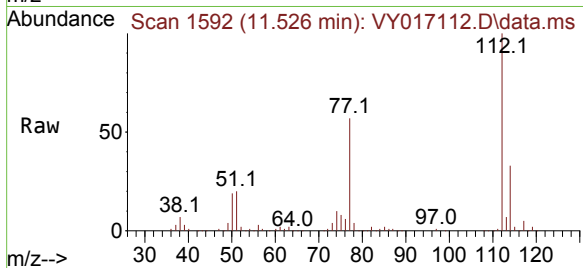




#65
Chlorobenzene
Concen: 47.882 ug/l
RT: 11.526 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

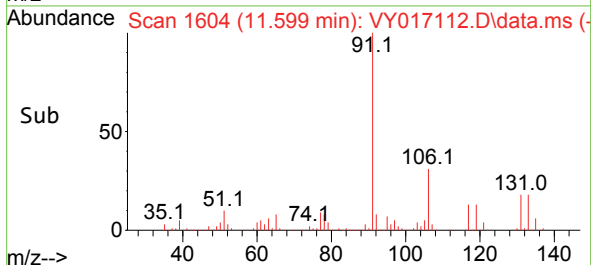
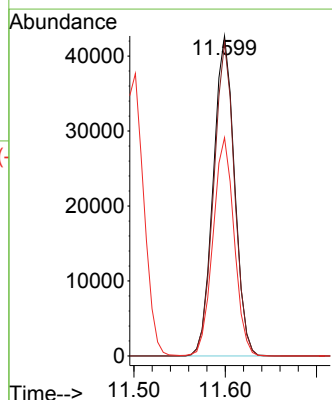
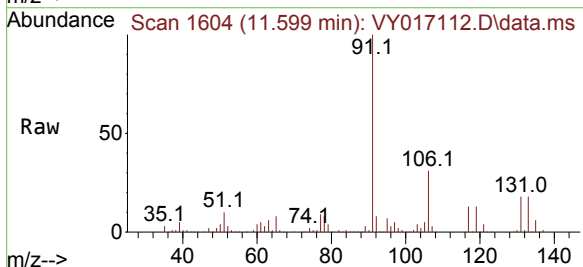
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

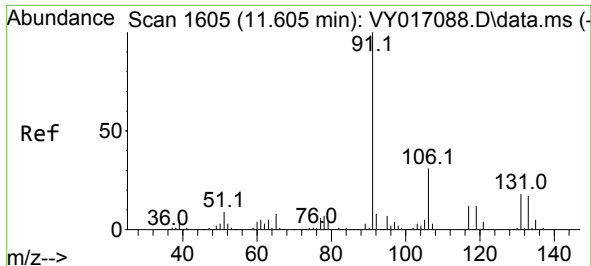
Tgt Ion:112 Resp: 188137
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 47.985 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion:131 Resp: 68869
Ion Ratio Lower Upper
131 100
133 95.9 47.0 141.0
119 67.9 33.3 99.9





#67

Ethyl Benzene

Concen: 49.853 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

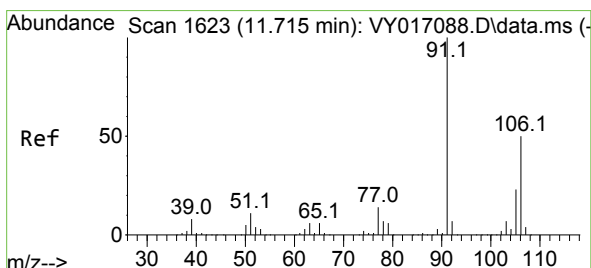
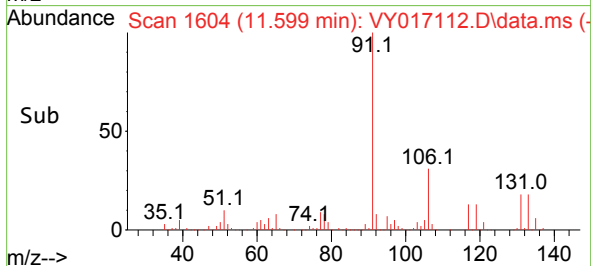
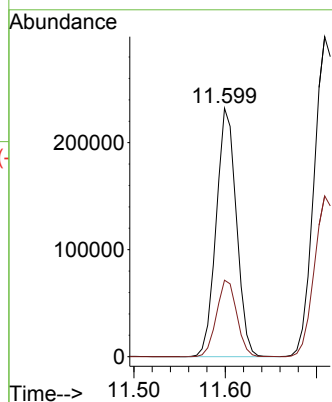
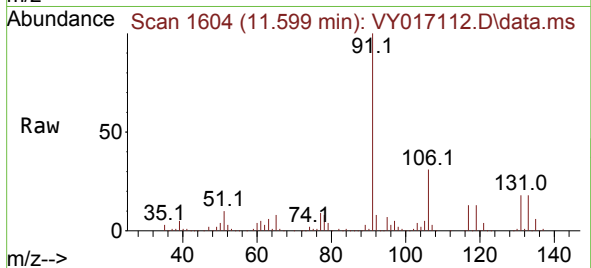
VSTDCCC050

Tgt Ion: 91 Resp: 356094

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.4



#68

m/p-Xylenes

Concen: 100.116 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY017112.D

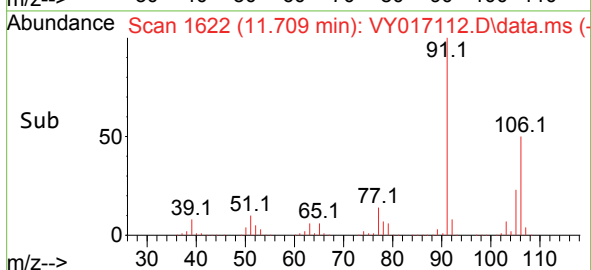
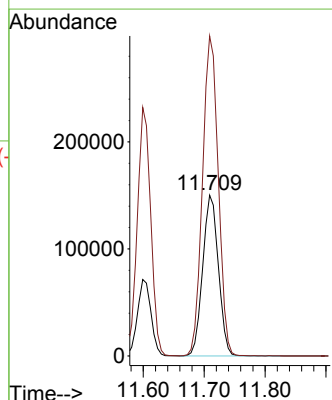
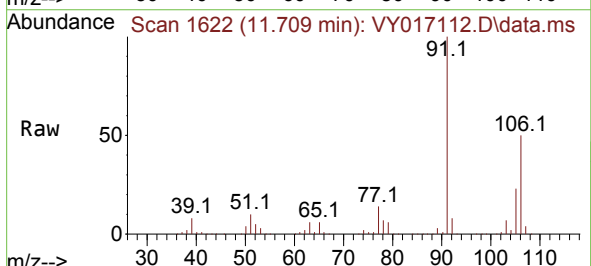
Acq: 26 Jan 2024 10:10

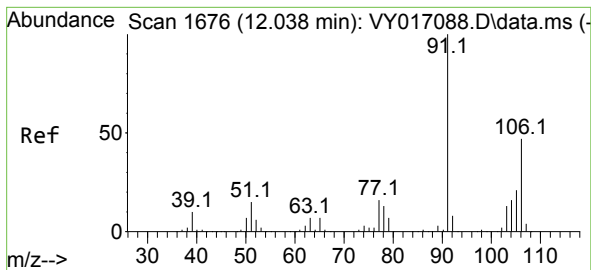
Tgt Ion:106 Resp: 268682

Ion Ratio Lower Upper

106 100

91 200.3 160.7 241.1





#69

o-Xylene

Concen: 50.479 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

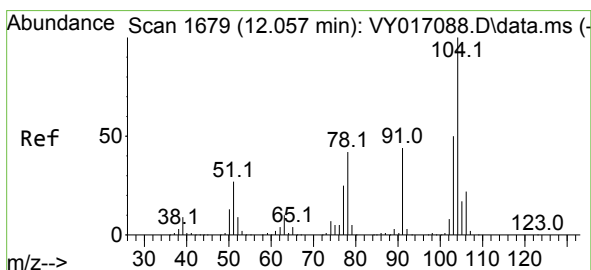
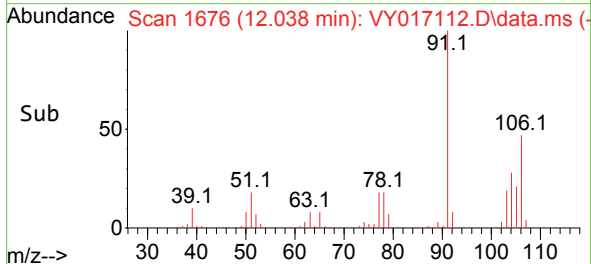
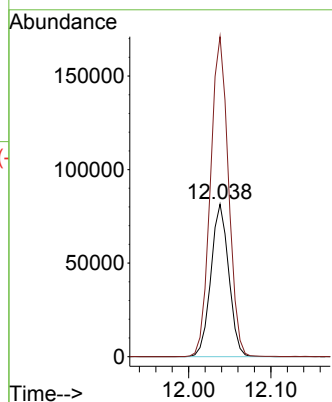
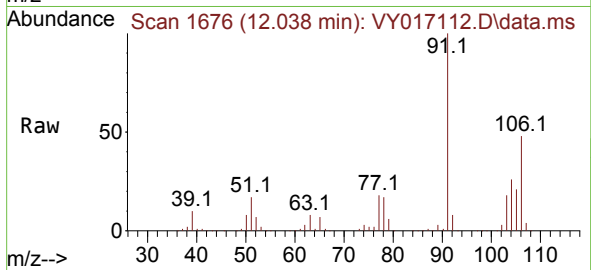
VSTDCCC050

Tgt Ion:106 Resp: 123056

Ion Ratio Lower Upper

106 100

91 212.4 106.5 319.5



#70

Styrene

Concen: 51.953 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

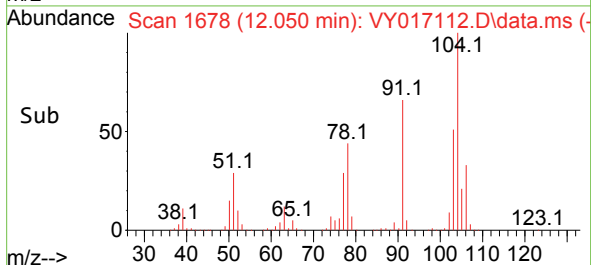
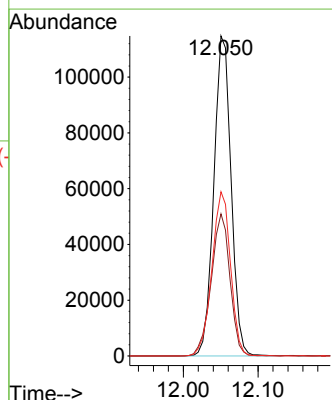
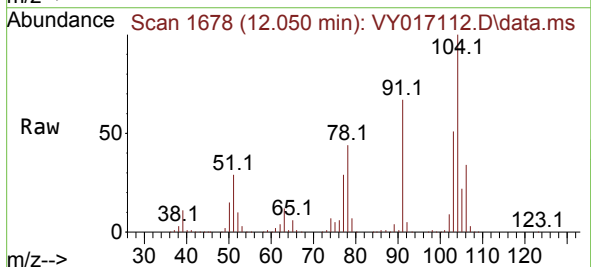
Tgt Ion:104 Resp: 183863

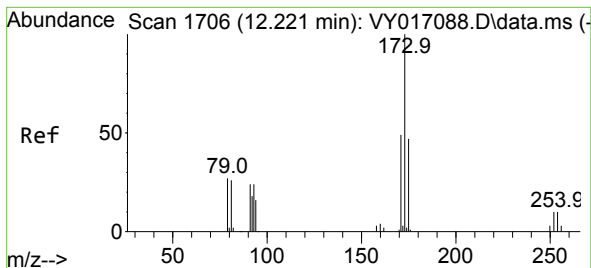
Ion Ratio Lower Upper

104 100

78 48.3 39.2 58.8

103 55.3 43.8 65.6





#71

Bromoform

Concen: 48.966 ug/l

RT: 12.215 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

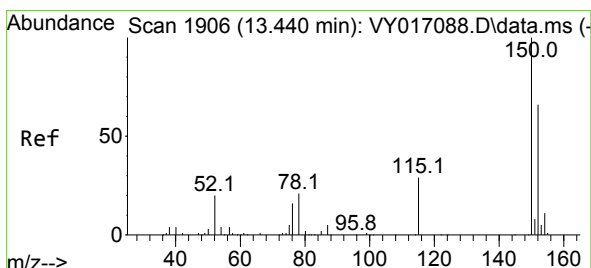
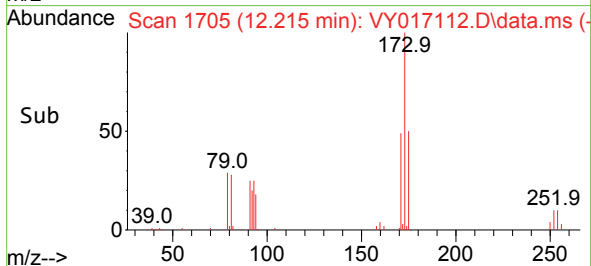
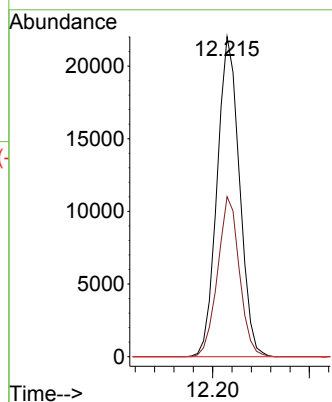
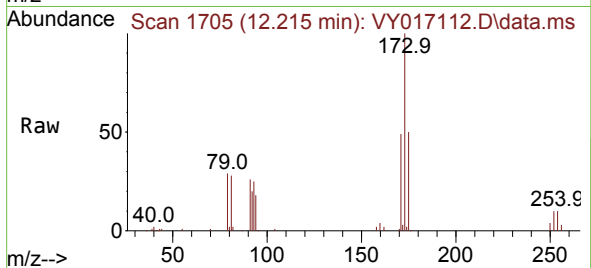
Tgt Ion:173 Resp: 35239

Ion Ratio Lower Upper

173 100

175 48.7 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

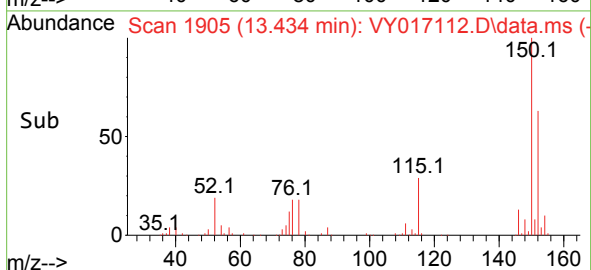
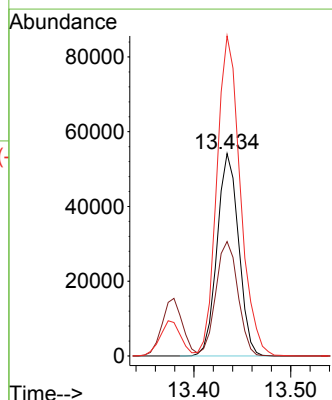
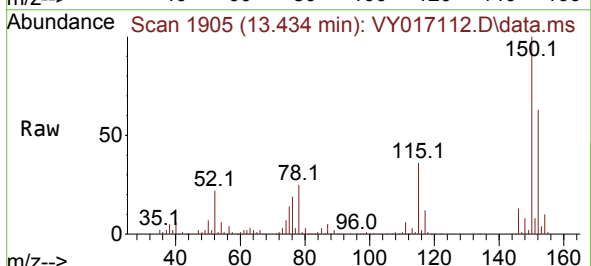
Tgt Ion:152 Resp: 83512

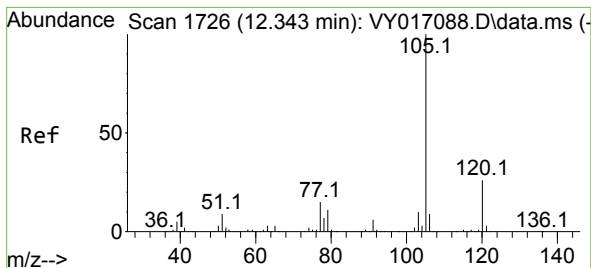
Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

150 173.0 0.0 344.6





#73

Isopropylbenzene

Concen: 49.130 ug/l

RT: 12.337 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

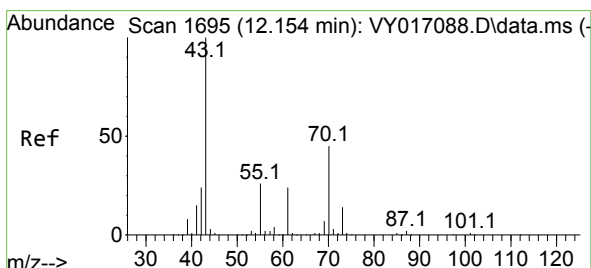
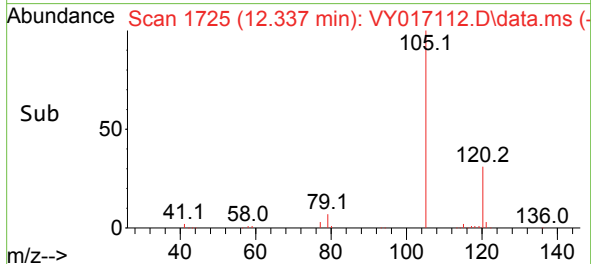
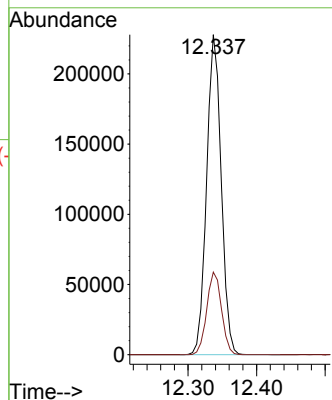
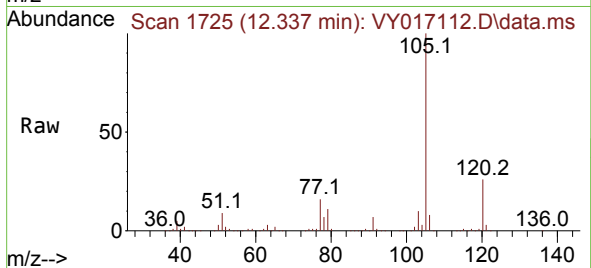
VSTDCCC050

Tgt Ion:105 Resp: 337297

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-amy1 acetate

Concen: 51.375 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Tgt Ion: 43 Resp: 71094

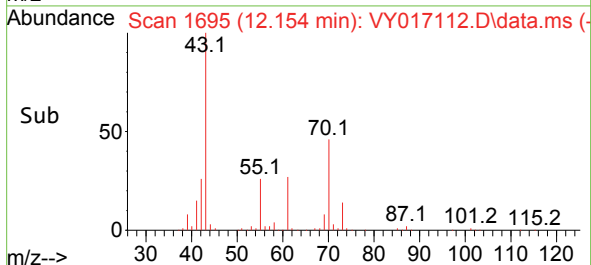
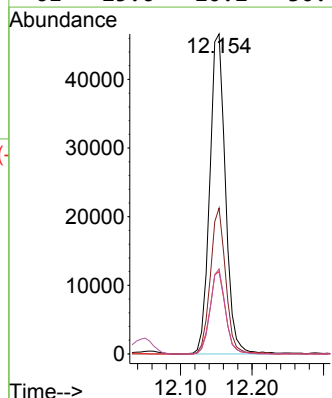
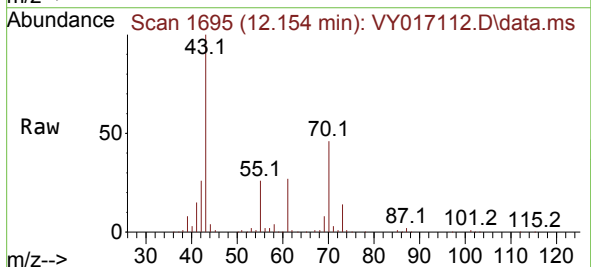
Ion Ratio Lower Upper

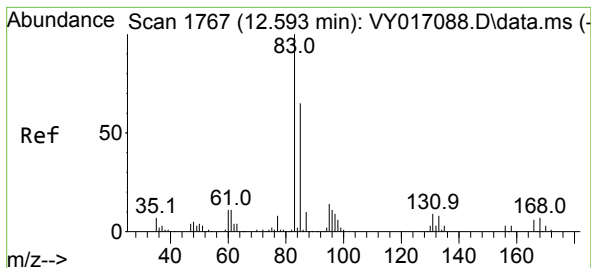
43 100

70 44.6 36.6 55.0

55 25.8 22.2 33.4

61 25.6 20.2 30.4

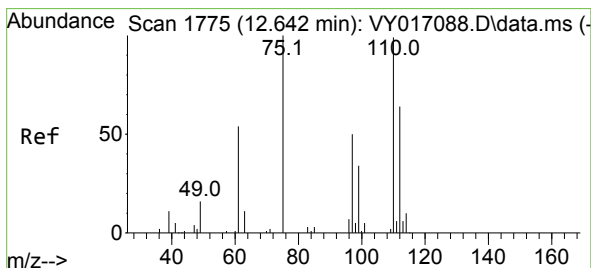
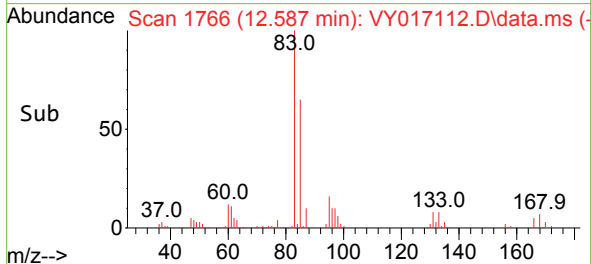
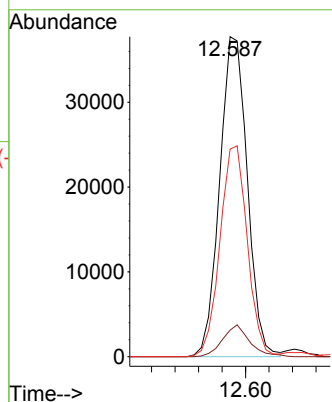
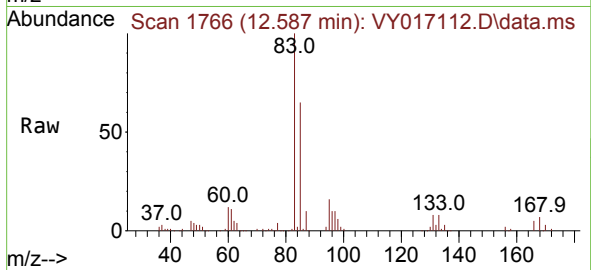




#75
1,1,2,2-Tetrachloroethane
Concen: 47.131 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.006 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

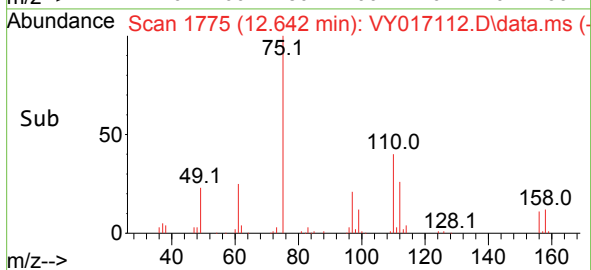
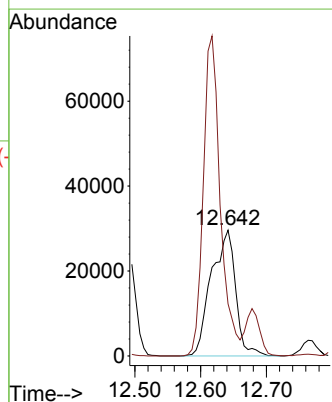
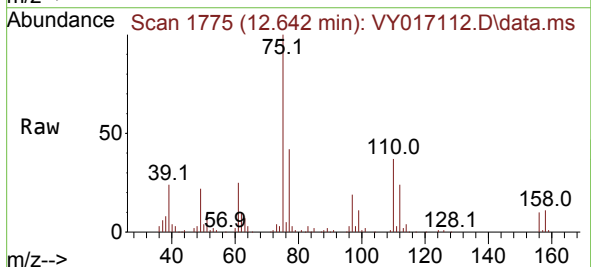
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

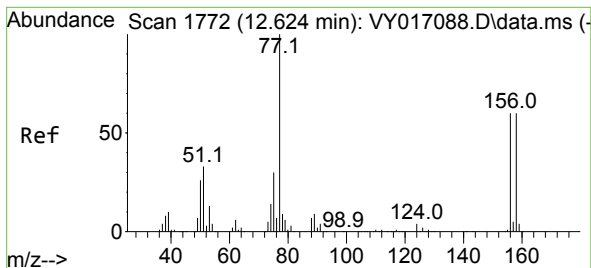
Tgt Ion: 83 Resp: 61701
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.6
85 65.2 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 75.345 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion: 75 Resp: 76375
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.461 ug/l

RT: 12.617 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

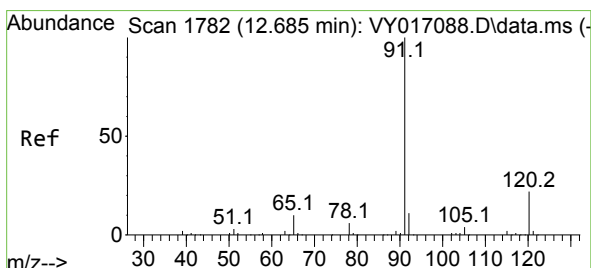
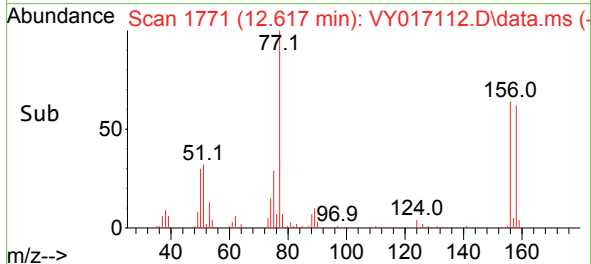
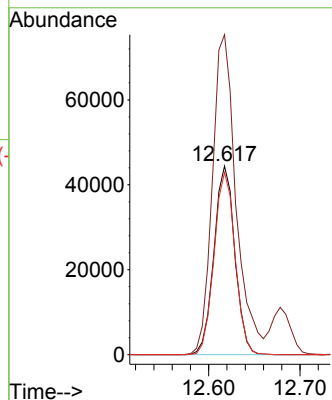
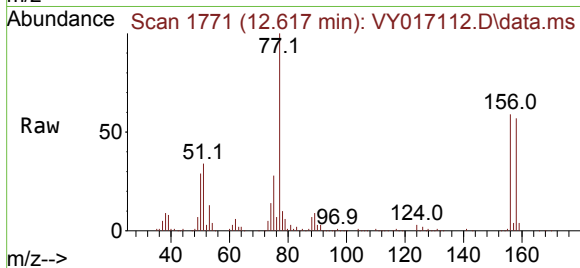
Tgt Ion:156 Resp: 70504

Ion Ratio Lower Upper

156 100

77 192.4 97.3 291.8

158 97.1 48.4 145.0



#78

n-propylbenzene

Concen: 50.092 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017112.D

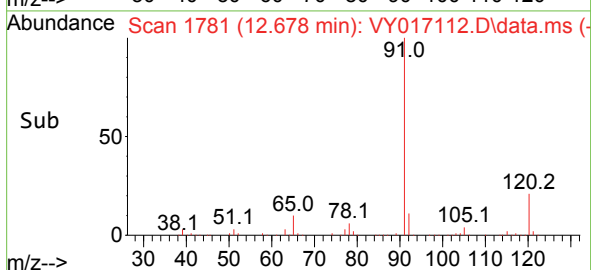
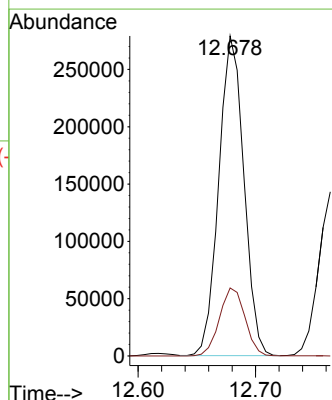
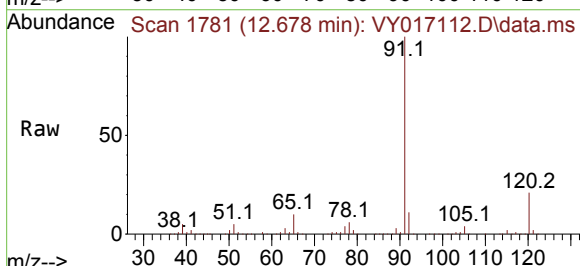
Acq: 26 Jan 2024 10:10

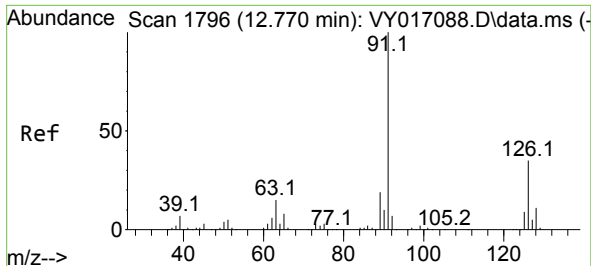
Tgt Ion: 91 Resp: 413633

Ion Ratio Lower Upper

91 100

120 21.7 11.0 33.0

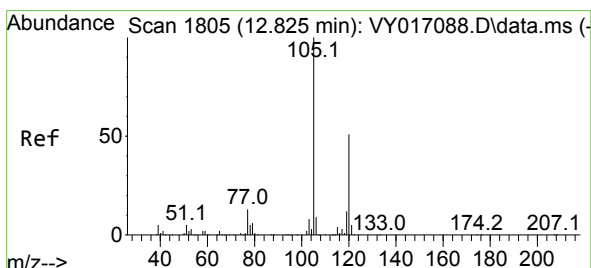
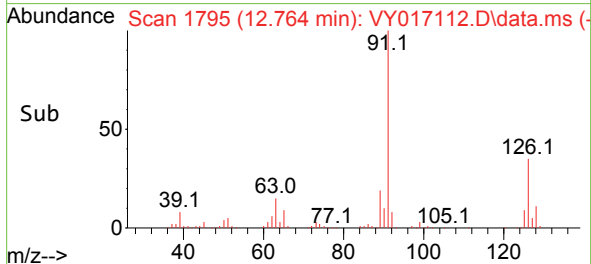
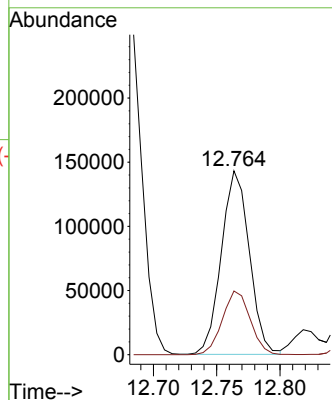
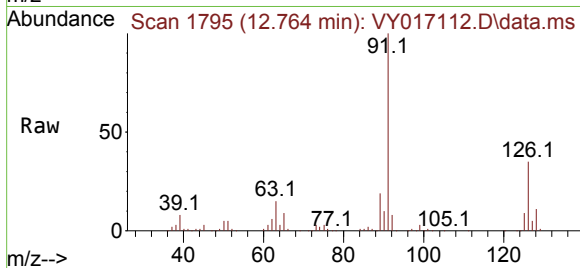




#79
2-Chlorotoluene
Concen: 48.673 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

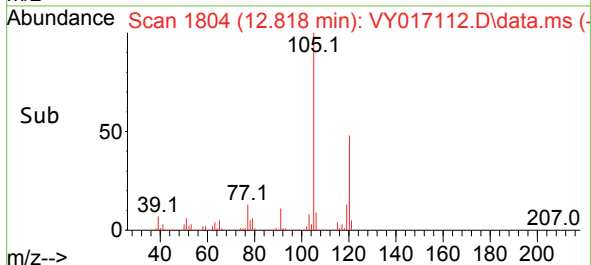
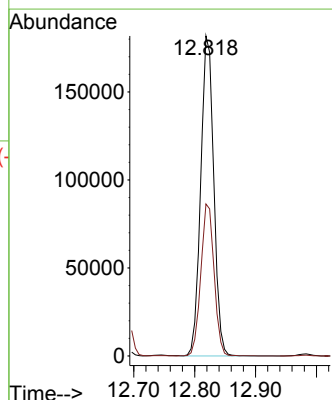
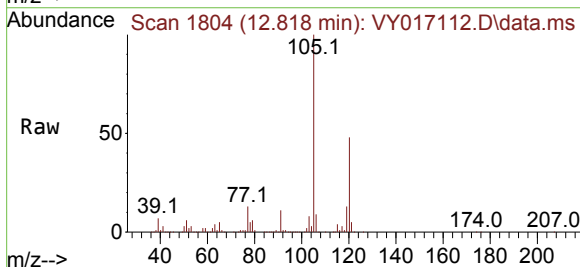
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

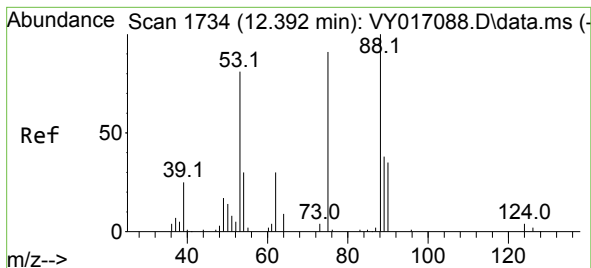
Tgt Ion: 91 Resp: 220554
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 49.916 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion: 105 Resp: 271215
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.8

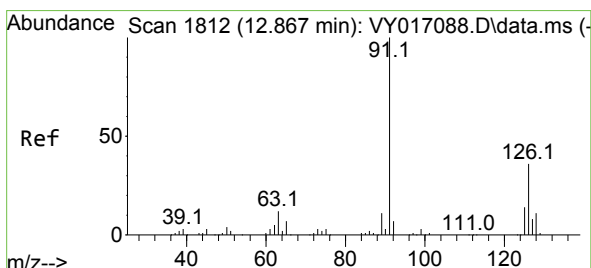
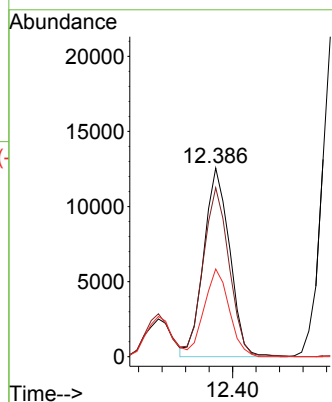
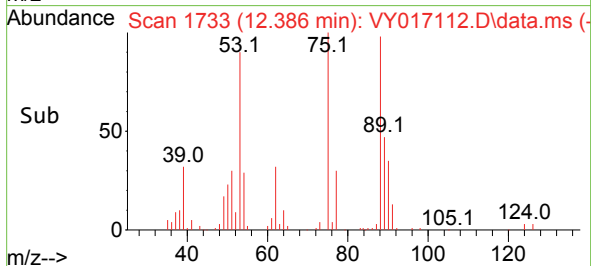
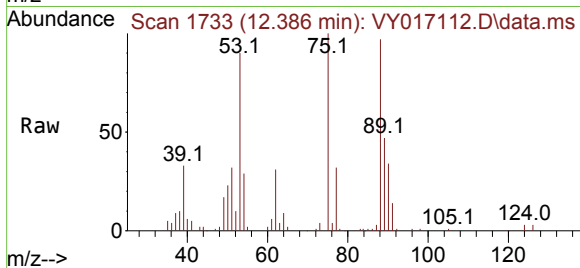




#81
trans-1,4-Dichloro-2-butene
Concen: 49.098 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.001 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

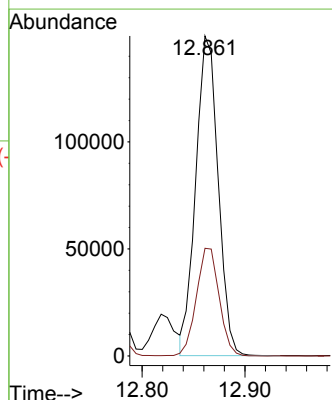
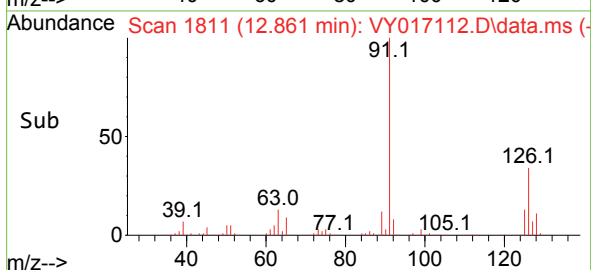
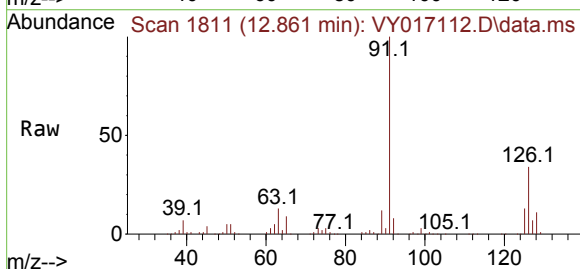
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

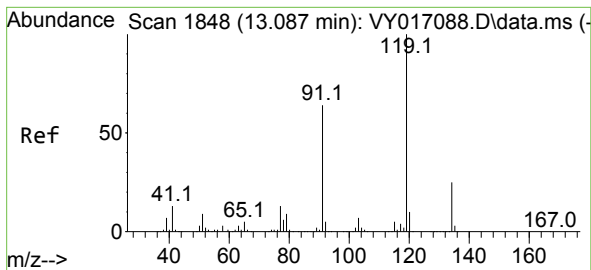
Tgt Ion: 75 Resp: 19224
Ion Ratio Lower Upper
75 100
53 90.6 74.0 111.0
89 44.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 48.216 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion: 91 Resp: 226435
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2

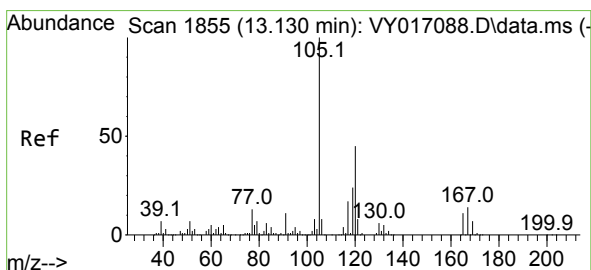
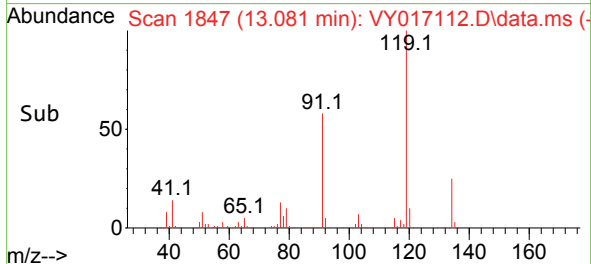
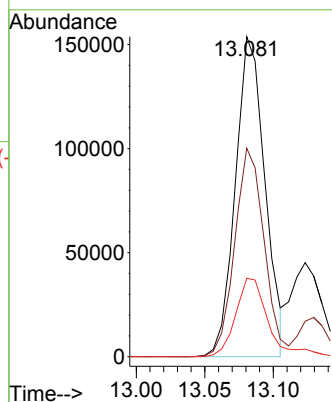
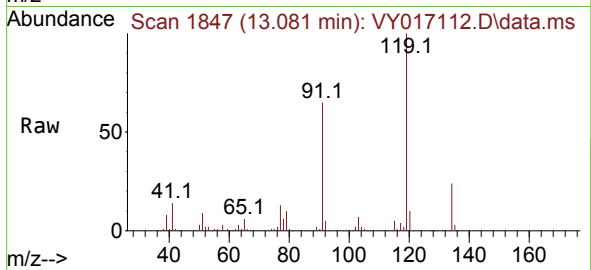




#83
tert-Butylbenzene
Concen: 49.186 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

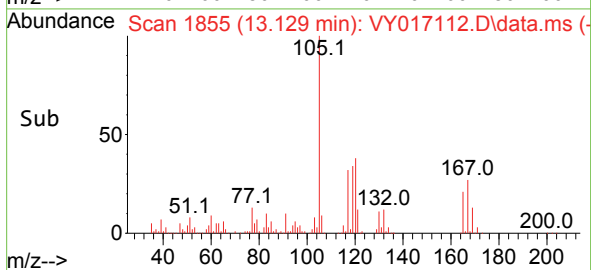
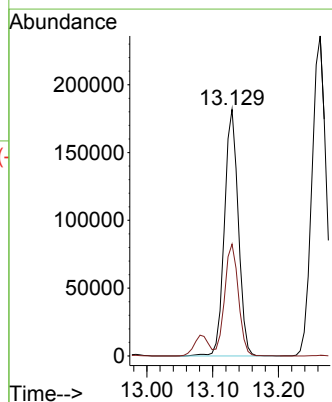
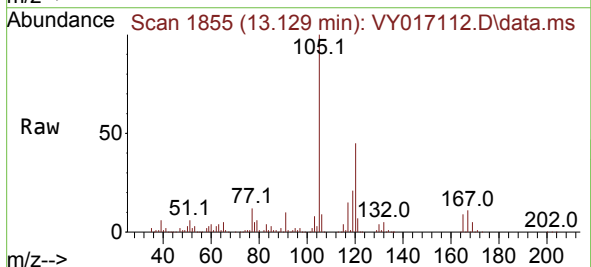
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

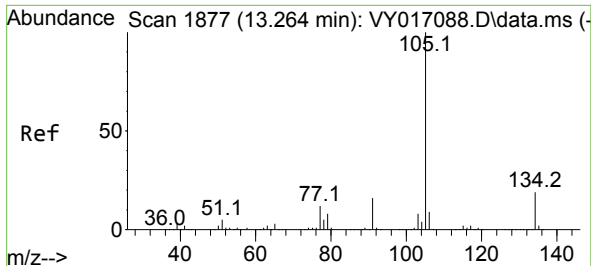
Tgt Ion:119 Resp: 231163
Ion Ratio Lower Upper
119 100
91 64.9 31.5 94.5
134 27.0 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 49.316 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY017112.D
Acq: 26 Jan 2024 10:10

Tgt Ion:105 Resp: 266321
Ion Ratio Lower Upper
105 100
120 45.4 22.1 66.3

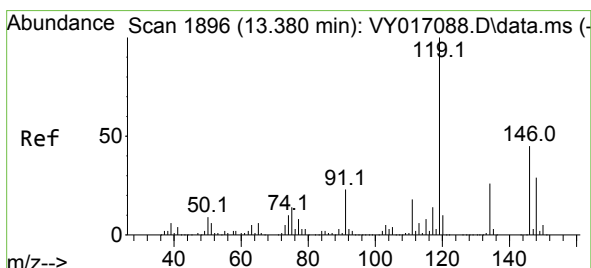
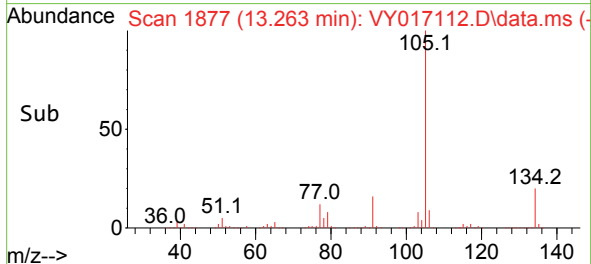
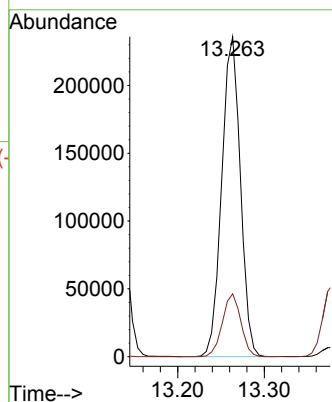
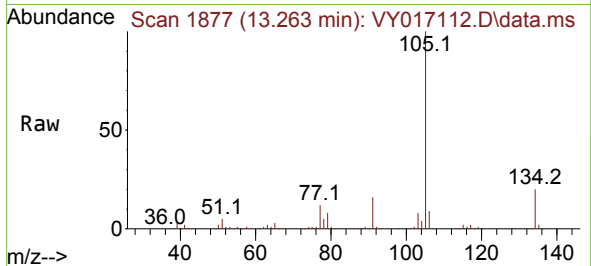




#85
 sec-Butylbenzene
 Concen: 50.650 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VY017112.D
 Acq: 26 Jan 2024 10:10

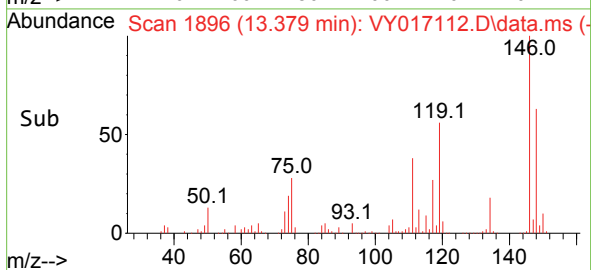
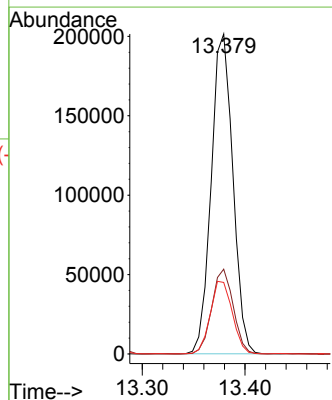
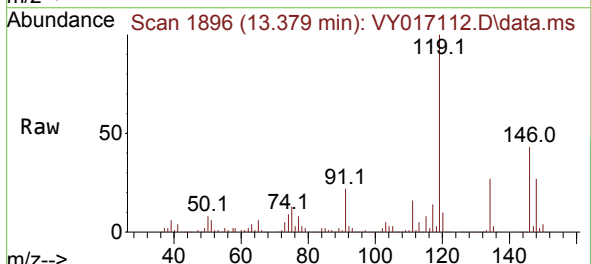
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

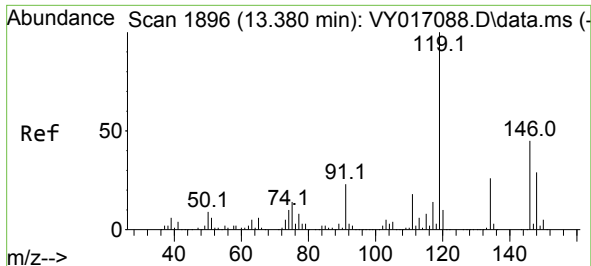
Tgt Ion:105 Resp: 352476
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 50.723 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.000 min
 Lab File: VY017112.D
 Acq: 26 Jan 2024 10:10

Tgt Ion:119 Resp: 294032
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 23.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 47.458 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

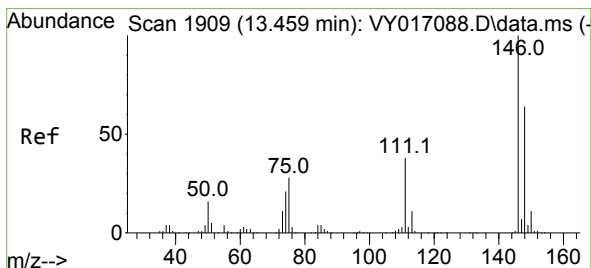
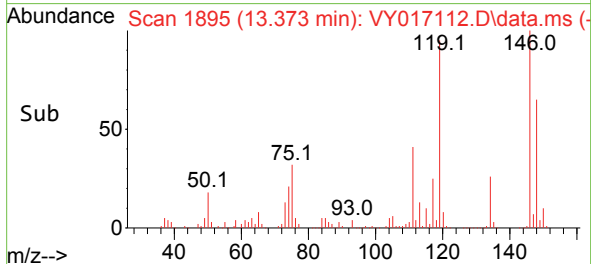
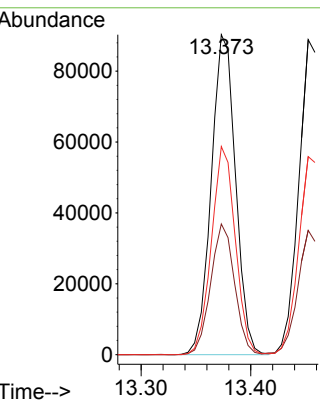
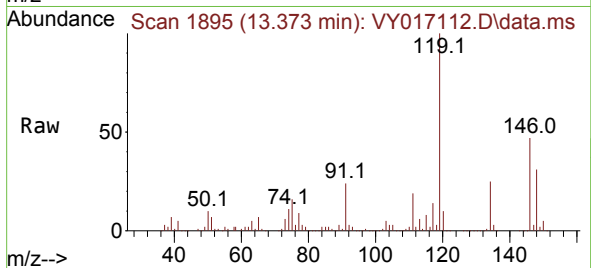
Tgt Ion:146 Resp: 139190

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.5

148 63.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 47.167 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

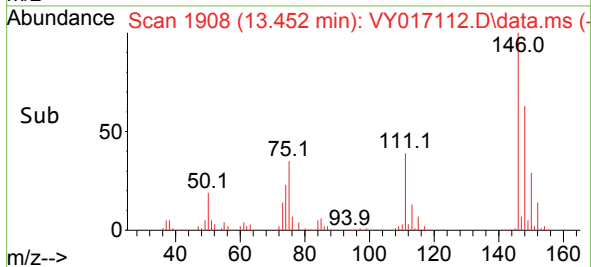
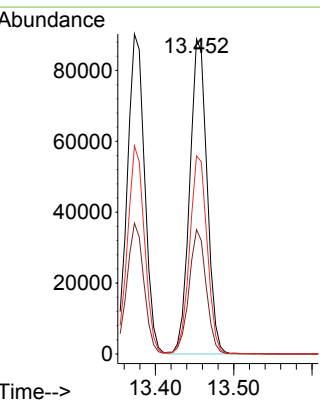
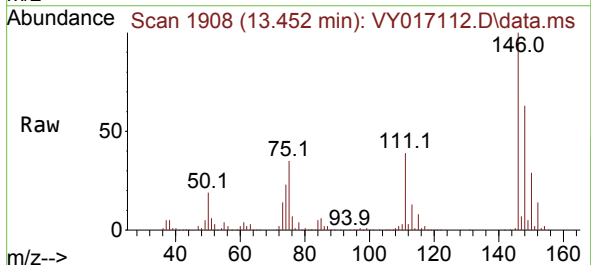
Tgt Ion:146 Resp: 136110

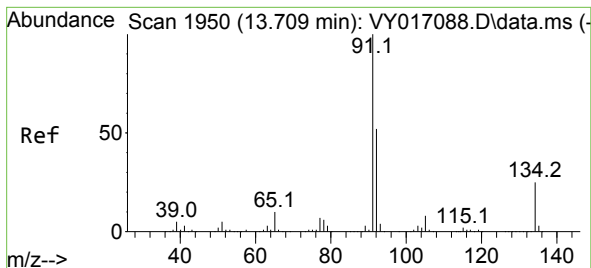
Ion Ratio Lower Upper

146 100

111 39.1 19.3 57.9

148 63.9 31.6 94.7





#89

n-Butylbenzene

Concen: 51.187 ug/l

RT: 13.702 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

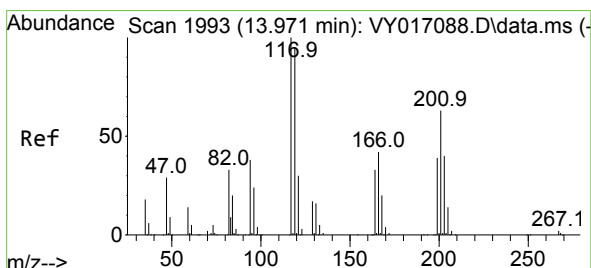
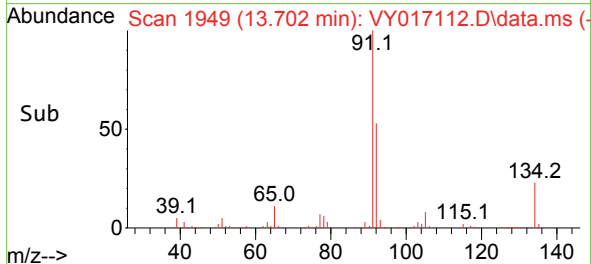
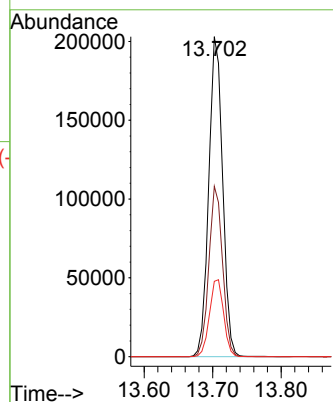
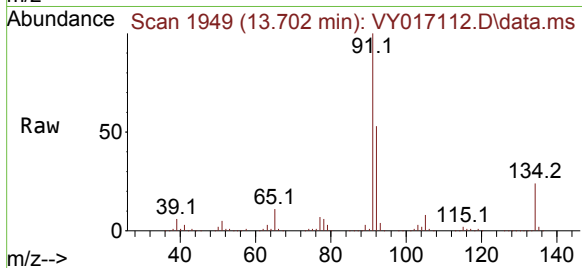
Tgt Ion: 91 Resp: 286199

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.2

134 24.6 12.3 36.8



#90

Hexachloroethane

Concen: 48.350 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY017112.D

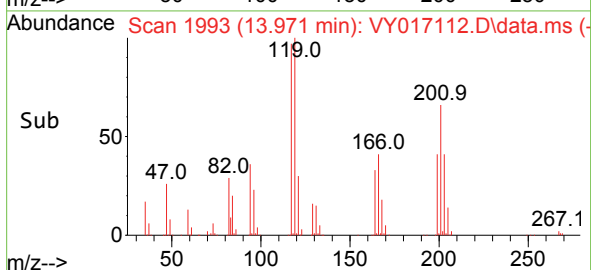
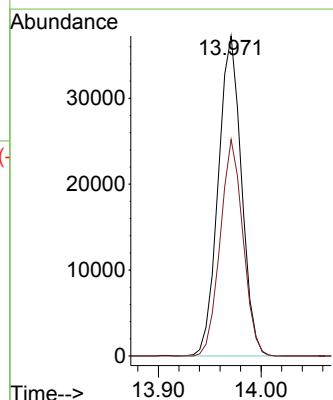
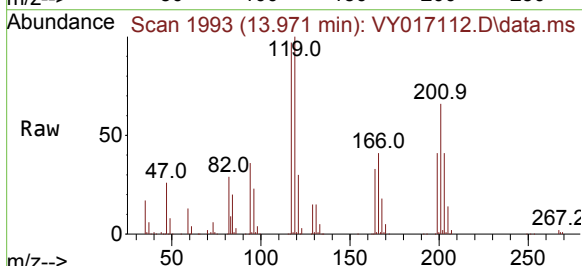
Acq: 26 Jan 2024 10:10

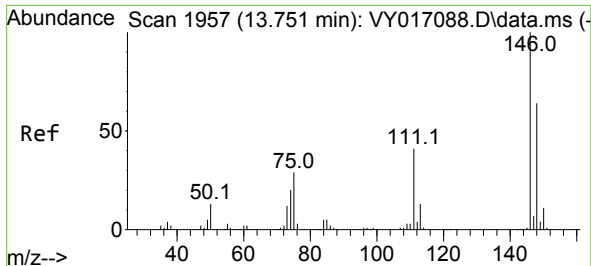
Tgt Ion: 117 Resp: 58417

Ion Ratio Lower Upper

117 100

201 66.3 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 47.547 ug/l

RT: 13.745 min Scan# 1957

Delta R.T. -0.006 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

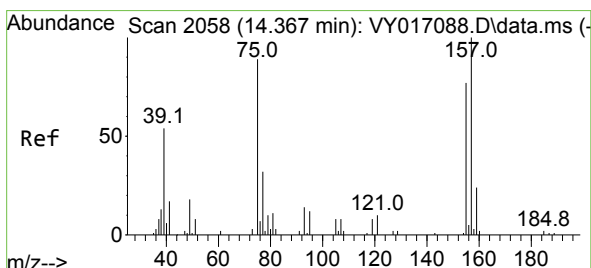
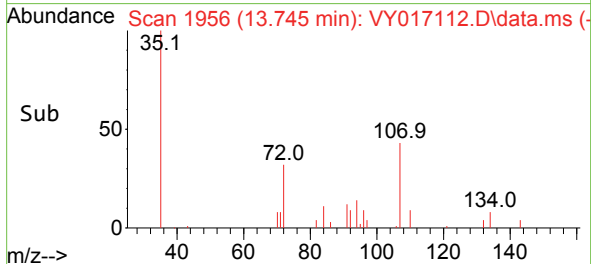
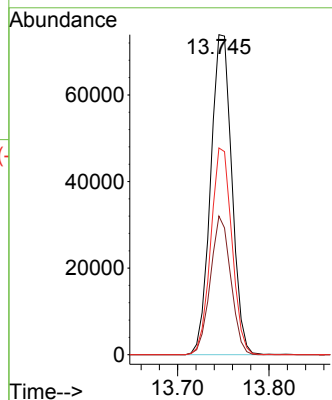
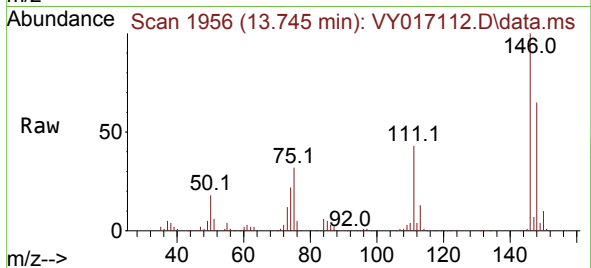
Tgt Ion:146 Resp: 119089

Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.6

148 64.2 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.285 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

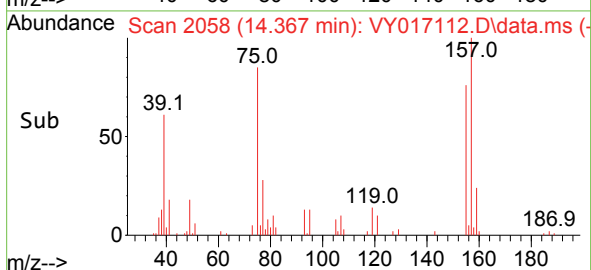
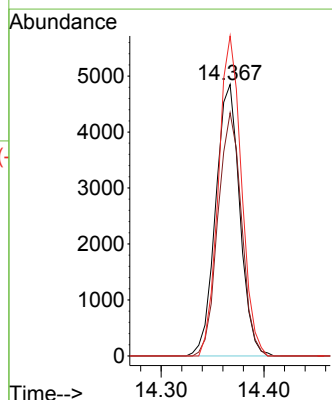
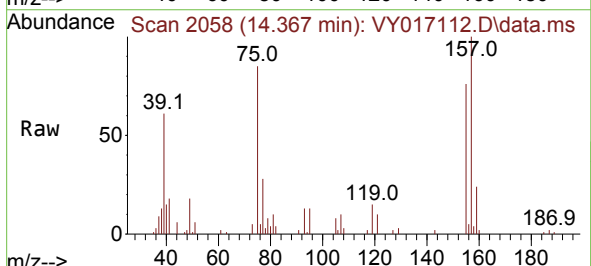
Tgt Ion: 75 Resp: 7906

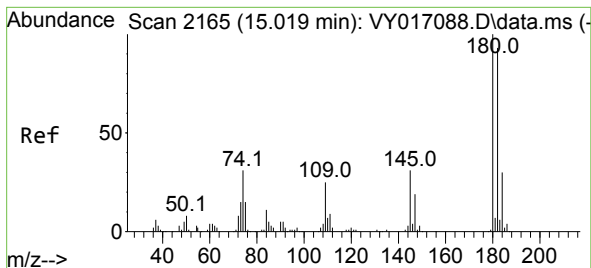
Ion Ratio Lower Upper

75 100

155 87.2 42.1 126.3

157 111.9 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 47.589 ug/l

RT: 15.013 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

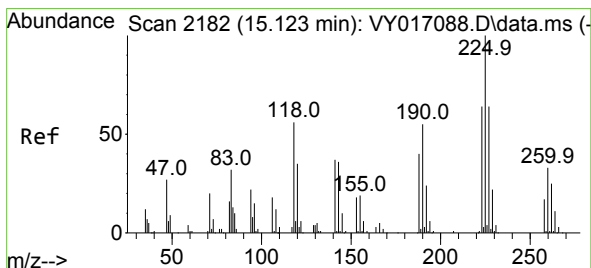
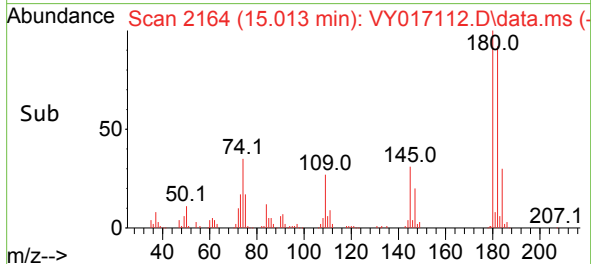
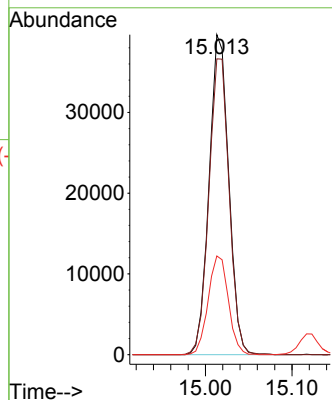
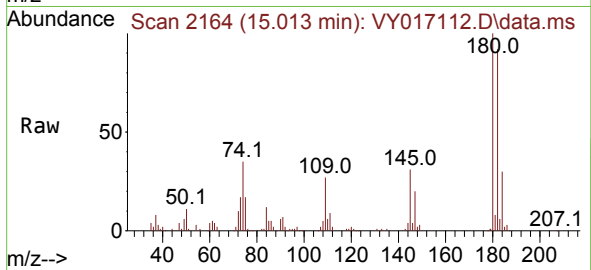
Tgt Ion:180 Resp: 62288

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.7

145 31.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 47.290 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

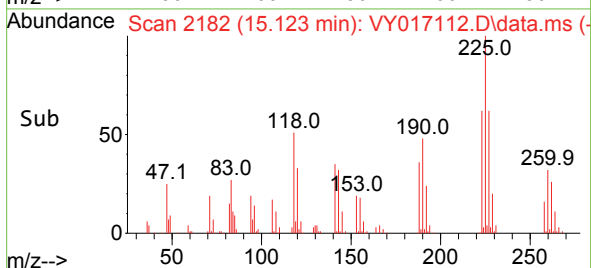
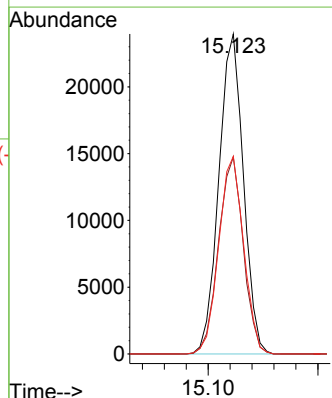
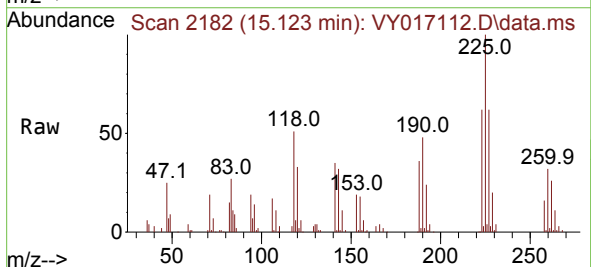
Tgt Ion:225 Resp: 37252

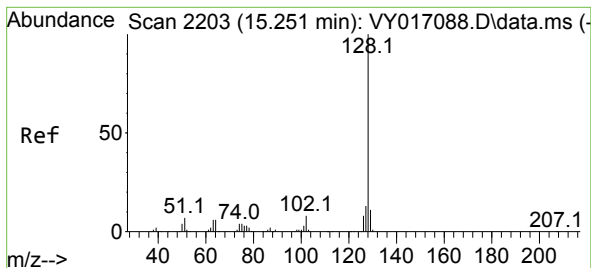
Ion Ratio Lower Upper

225 100

223 62.0 31.4 94.3

227 62.6 32.3 96.8





#95

Naphthalene

Concen: 50.086 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

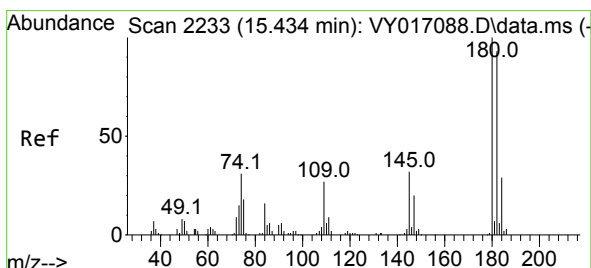
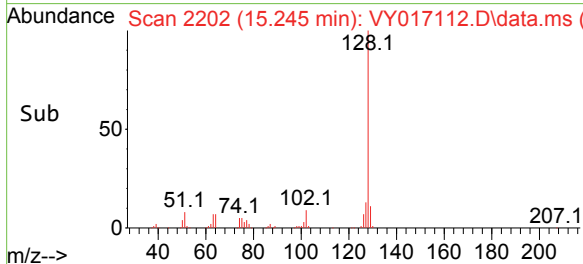
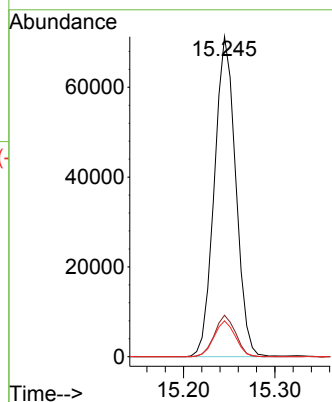
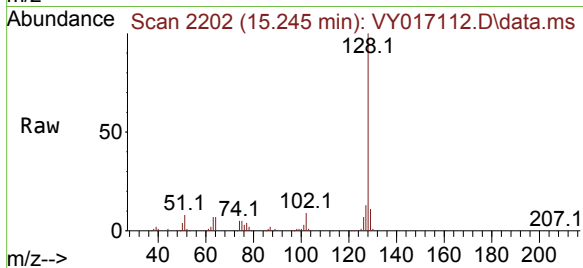
Tgt Ion:128 Resp: 115784

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.419 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY017112.D

Acq: 26 Jan 2024 10:10

Tgt Ion:180 Resp: 52725

Ion Ratio Lower Upper

180 100

182 95.2 46.3 138.8

145 31.3 16.1 48.2

