

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012987.D
 Acq On : 17 Mar 2023 15:24
 Operator : KP/MD
 Sample : VY0317SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 18 05:45:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	107525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	164265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	146163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74748	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	49338	46.215	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.420%
35) Dibromofluoromethane	7.716	113	48706	49.132	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.260%
50) Toluene-d8	10.179	98	162223	44.762	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.520%
62) 4-Bromofluorobenzene	12.483	95	59241	48.430	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	21210	20.013	ug/l	100
3) Chloromethane	2.113	50	24254	19.143	ug/l	97
4) Vinyl Chloride	2.247	62	20777	17.883	ug/l	98
5) Bromomethane	2.631	94	14645	20.745	ug/l	97
6) Chloroethane	2.784	64	13447	19.326	ug/l	95
7) Trichlorofluoromethane	3.119	101	38762	20.087	ug/l	95
8) Diethyl Ether	3.527	74	14448	21.366	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	24667	21.247	ug/l	98
10) Methyl Iodide	4.088	142	29845	19.730	ug/l	99
11) Tert butyl alcohol	4.948	59	18116	138.570	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	23017	20.787	ug/l	98
13) Acrolein	3.729	56	15187	81.197	ug/l	97
14) Allyl chloride	4.472	41	44112	21.567	ug/l	99
15) Acrylonitrile	5.155	53	40695	114.214	ug/l	99
16) Acetone	3.942	43	46666	111.366	ug/l	93
17) Carbon Disulfide	4.186	76	70694	18.757	ug/l	99
18) Methyl Acetate	4.472	43	27943	22.393	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	64100	22.412	ug/l	96
20) Methylene Chloride	4.710	84	34943	24.597	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	25252	20.986	ug/l	97
22) Diisopropyl ether	6.112	45	85334	22.971	ug/l	96
23) Vinyl Acetate	6.057	43	263396	114.111	ug/l	100
24) 1,1-Dichloroethane	6.015	63	46530	21.980	ug/l	97
25) 2-Butanone	6.984	43	61364	118.233	ug/l	96
26) 2,2-Dichloropropane	6.972	77	42581	22.648	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	28738	22.277	ug/l	99
28) Bromochloromethane	7.326	49	17468	22.580	ug/l	100
29) Tetrahydrofuran	7.344	42	36277	115.892	ug/l	99
30) Chloroform	7.502	83	47623	22.776	ug/l	98
31) Cyclohexane	7.783	56	40608	19.861	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	41643	22.023	ug/l	99
36) 1,1-Dichloropropene	7.911	75	35046	21.096	ug/l	99
37) Ethyl Acetate	7.069	43	24657	23.549	ug/l	98
38) Carbon Tetrachloride	7.899	117	37305	21.746	ug/l	98
39) Methylcyclohexane	9.179	83	40498	20.505	ug/l	93
40) Benzene	8.155	78	102903	21.898	ug/l	99

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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 18 05:45:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	33905	60.101	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	32060	22.692	ug/l	100
43) Isopropyl Acetate	8.270	43	43255	23.155	ug/l	100
44) Trichloroethene	8.941	130	26838	21.661	ug/l	100
45) 1,2-Dichloropropane	9.215	63	26451	22.272	ug/l	99
46) Dibromomethane	9.301	93	15922	23.533	ug/l	97
47) Bromodichloromethane	9.496	83	36328	22.785	ug/l	98
48) Methyl methacrylate	9.289	41	19424	22.566	ug/l	97
49) 1,4-Dioxane	9.301	88	4485	512.767	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	121871	120.268	ug/l	99
52) Toluene	10.240	92	62703	22.125	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	36851	22.035	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	42437	22.419	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	21593	22.916	ug/l	96
56) Ethyl methacrylate	10.508	69	29125	23.181	ug/l	97
57) 1,3-Dichloropropane	10.788	76	36290	22.612	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	75150	113.940	ug/l	100
59) 2-Hexanone	10.831	43	89124	121.016	ug/l	99
60) Dibromochloromethane	10.983	129	26782	23.350	ug/l	97
61) 1,2-Dibromoethane	11.087	107	20859	22.981	ug/l	100
64) Tetrachloroethene	10.715	164	23715	22.285	ug/l	98
65) Chlorobenzene	11.514	112	67287	21.935	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	25680	22.623	ug/l	99
67) Ethyl Benzene	11.593	91	117895	21.859	ug/l	97
68) m/p-Xylenes	11.703	106	91415	44.060	ug/l	98
69) o-Xylene	12.026	106	43187	22.303	ug/l	98
70) Styrene	12.044	104	72865	22.549	ug/l	100
71) Bromoform	12.203	173	17183	23.217	ug/l #	98
73) Isopropylbenzene	12.331	105	114416	21.598	ug/l	99
74) N-amyl acetate	12.142	43	37178	22.305	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	27270	22.900	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	35222	39.460	ug/l #	100
77) Bromobenzene	12.605	156	27895	21.676	ug/l	100
78) n-propylbenzene	12.672	91	142273	21.784	ug/l	100
79) 2-Chlorotoluene	12.757	91	78989	21.761	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	95602	21.868	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	9631	22.357	ug/l	96
82) 4-Chlorotoluene	12.855	91	83117	22.120	ug/l	99
83) tert-Butylbenzene	13.074	119	83432	22.111	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	94078	22.007	ug/l	100
85) sec-Butylbenzene	13.251	105	125552	21.810	ug/l	99
86) p-Isopropyltoluene	13.367	119	103849	22.073	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	55488	22.356	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	55127	21.762	ug/l	98
89) n-Butylbenzene	13.696	91	98355	21.838	ug/l	99
90) Hexachloroethane	13.958	117	20999	21.430	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	49929	22.253	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4457	23.159	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	29692	21.493	ug/l	99
94) Hexachlorobutadiene	15.111	225	17997	21.359	ug/l	98
95) Naphthalene	15.233	128	58824	21.249	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	26100	21.243	ug/l	98

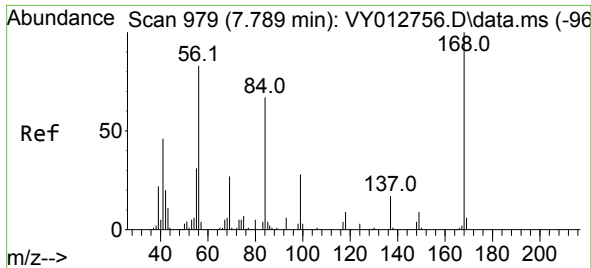
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
Data File : VY012987.D
Acq On : 17 Mar 2023 15:24
Operator : KP/MD
Sample : VY0317SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 18 05:45:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

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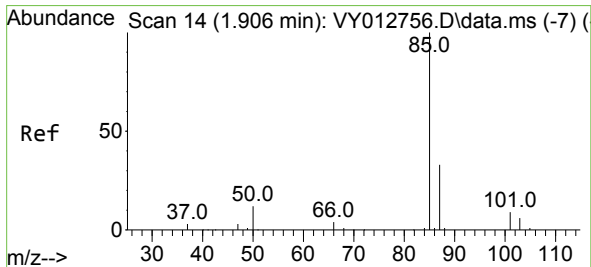
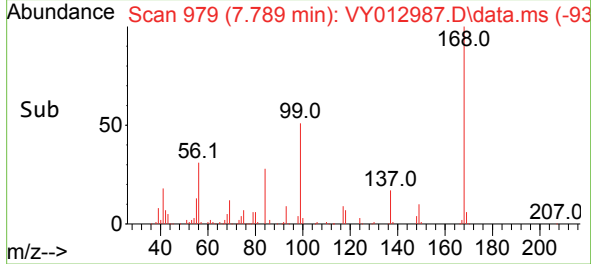
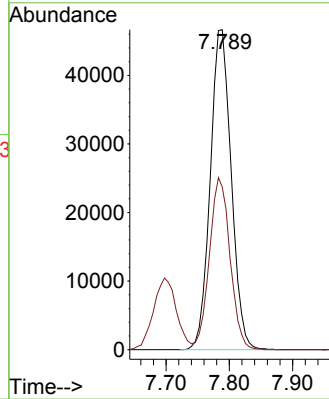
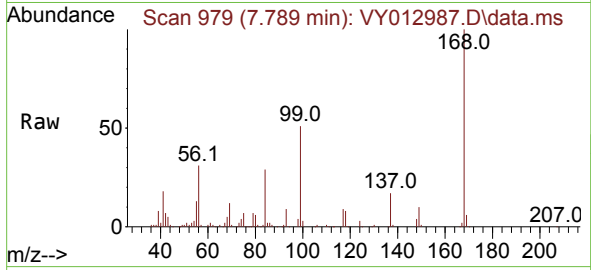
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

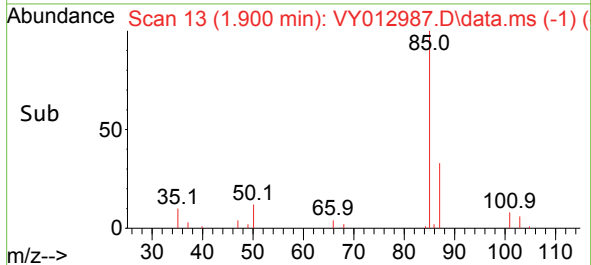
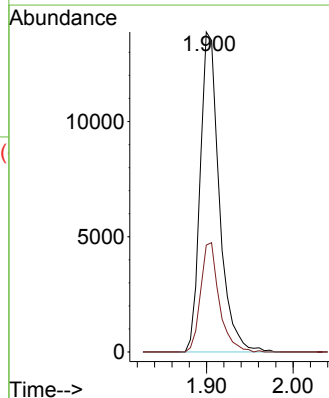
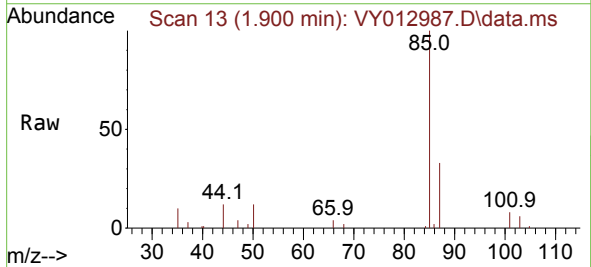
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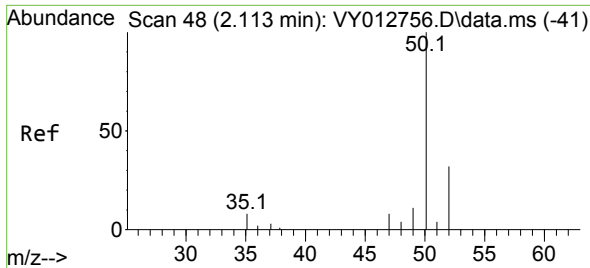
Tgt Ion:168 Resp: 107525
Ion Ratio Lower Upper
168 100
99 50.8 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 20.013 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Tgt Ion: 85 Resp: 21210
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.0

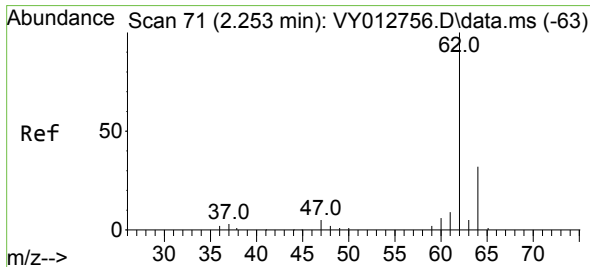
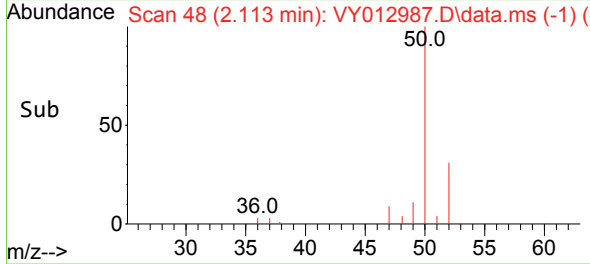
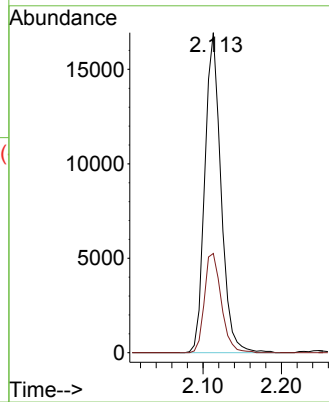
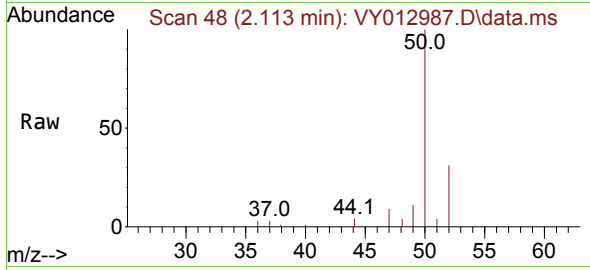




#3
Chloromethane
Concen: 19.143 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

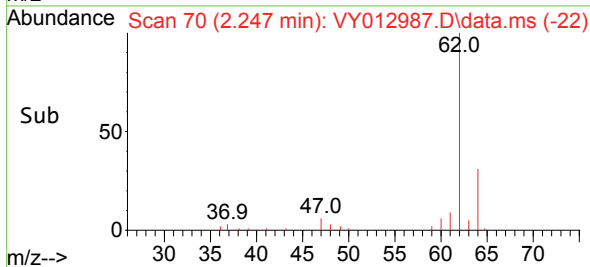
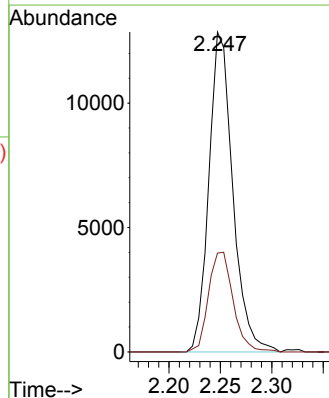
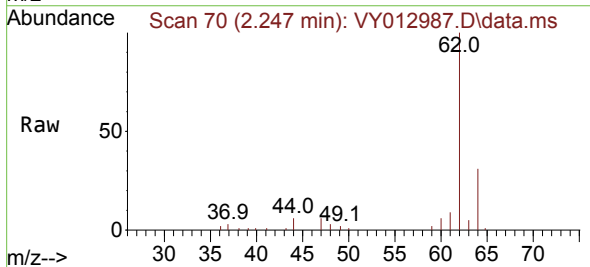
Instrument :
MSVOA_Y
ClientSampleId :

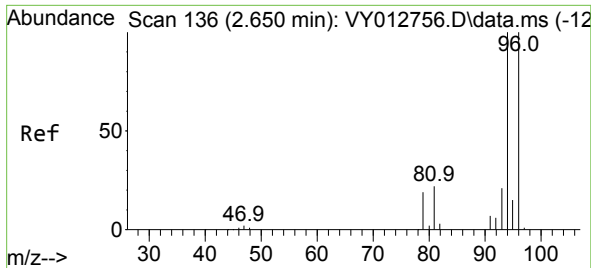
Tgt Ion: 50 Resp: 24254
Ion Ratio Lower Upper
50 100
52 31.0 26.0 39.0



#4
Vinyl Chloride
Concen: 17.883 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Tgt Ion: 62 Resp: 20777
Ion Ratio Lower Upper
62 100
64 30.9 25.6 38.4





#5

Bromomethane

Concen: 20.745 ug/l

RT: 2.631 min Scan# 11

Delta R.T. -0.019 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

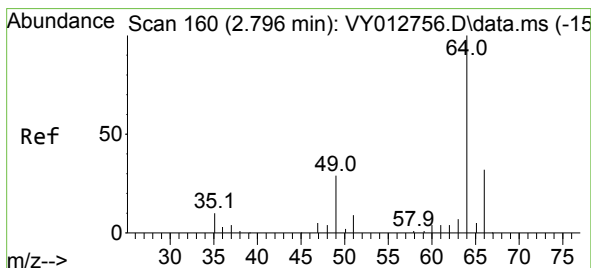
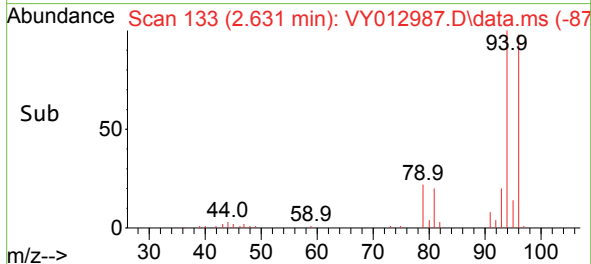
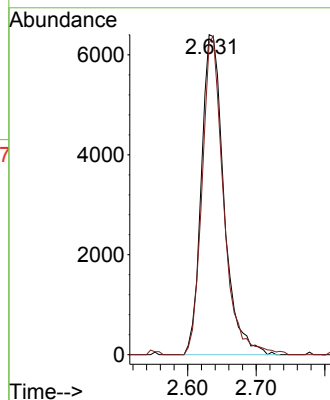
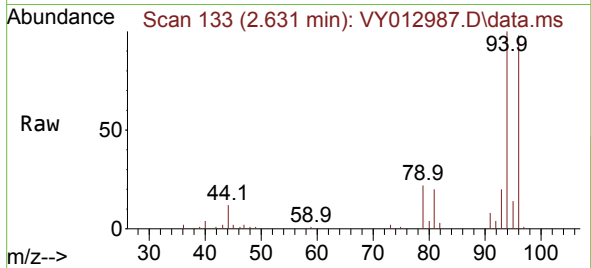
ClientSampleId :

Tgt Ion: 94 Resp: 14645

Ion Ratio Lower Upper

94 100

96 97.5 80.3 120.5



#6

Chloroethane

Concen: 19.326 ug/l

RT: 2.784 min Scan# 158

Delta R.T. -0.012 min

Lab File: VY012987.D

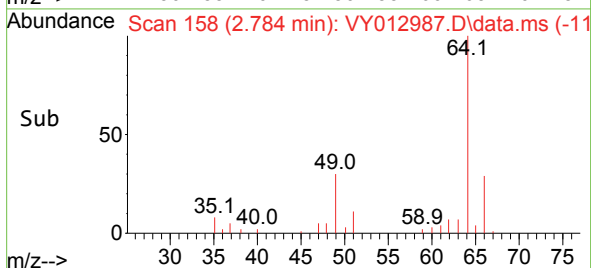
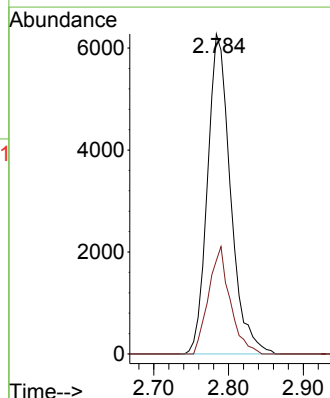
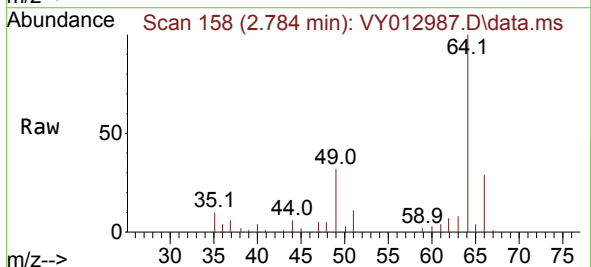
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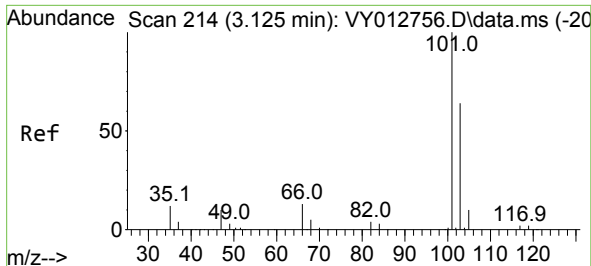
Tgt Ion: 64 Resp: 13447

Ion Ratio Lower Upper

64 100

66 29.2 25.7 38.5

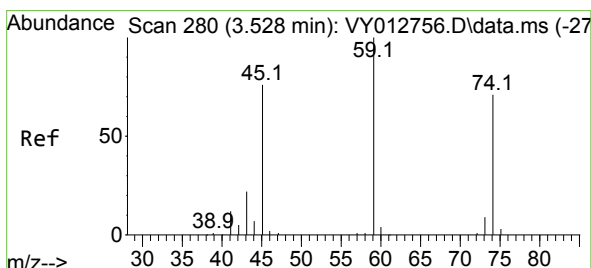
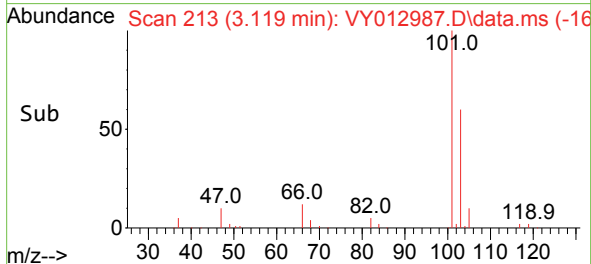
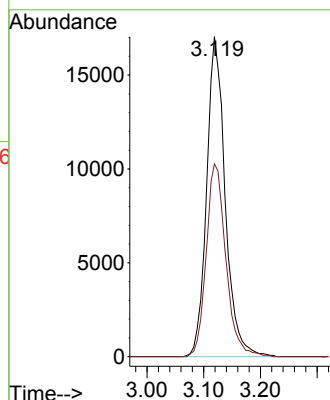
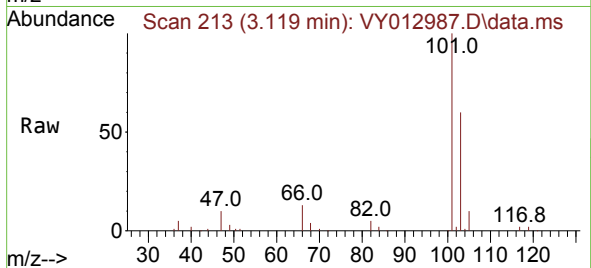




#7
 Trichlorofluoromethane
 Concen: 20.087 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY012987.D
 Acq: 17 Mar 2023 15:24

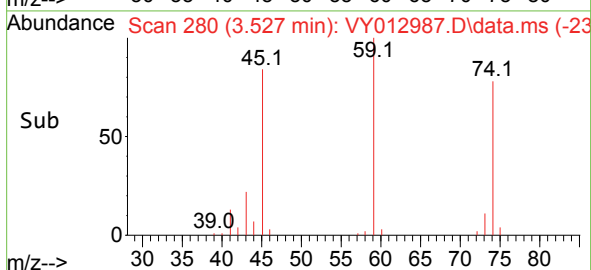
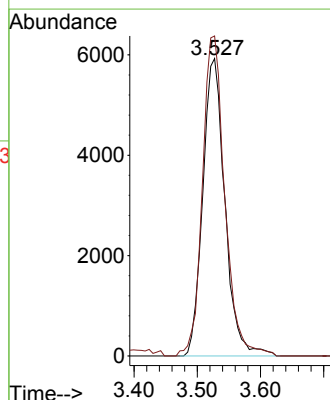
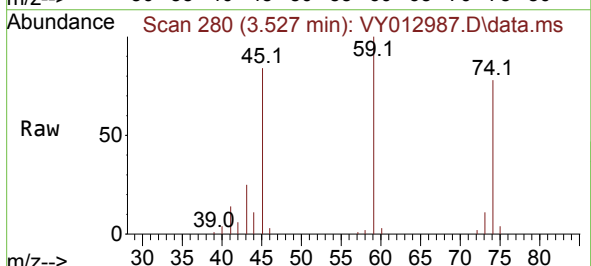
Instrument :
 MSVOA_Y
 ClientSampleId :

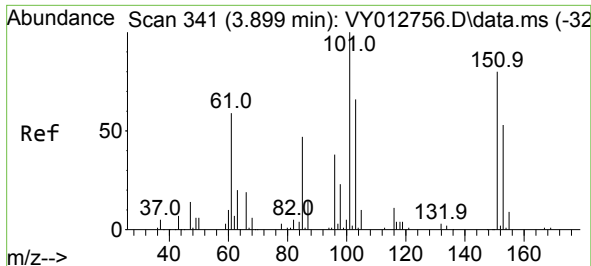
Tgt Ion:101 Resp: 38762
 Ion Ratio Lower Upper
 101 100
 103 60.3 51.5 77.3



#8
 Diethyl Ether
 Concen: 21.366 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY012987.D
 Acq: 17 Mar 2023 15:24

Tgt Ion: 74 Resp: 14448
 Ion Ratio Lower Upper
 74 100
 45 108.7 52.1 156.4

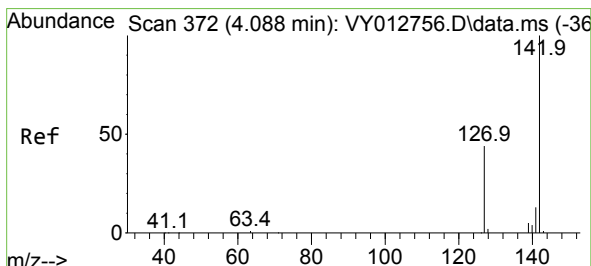
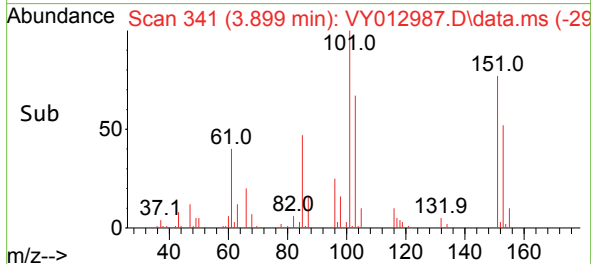
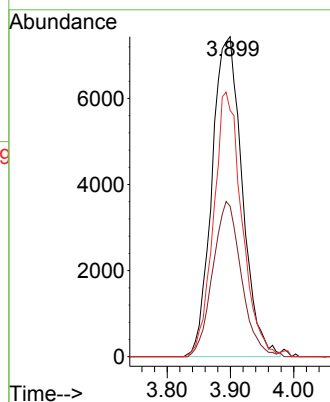
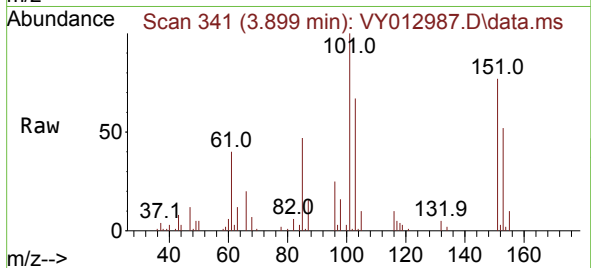




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.247 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

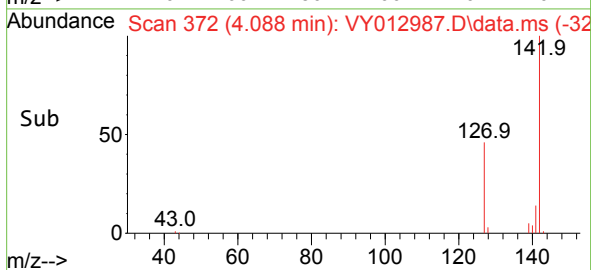
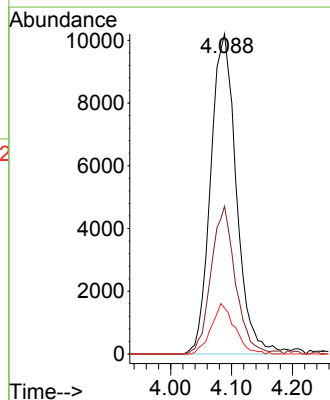
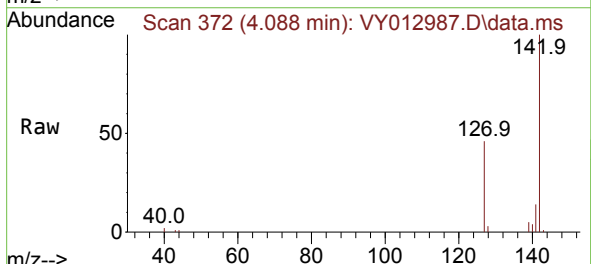
Instrument :
MSVOA_Y
ClientSampleId :

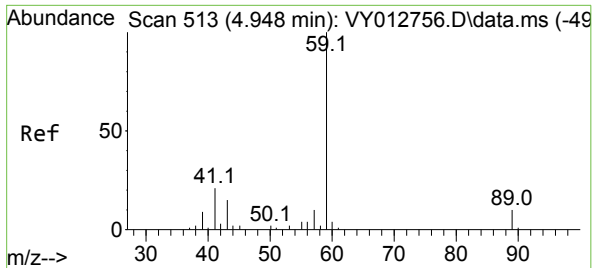
Tgt Ion:101 Resp: 24667
Ion Ratio Lower Upper
101 100
85 45.9 35.3 52.9
151 77.5 63.1 94.7



#10
Methyl Iodide
Concen: 19.730 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Tgt Ion:142 Resp: 29845
Ion Ratio Lower Upper
142 100
127 44.0 35.4 53.2
141 14.4 11.3 16.9

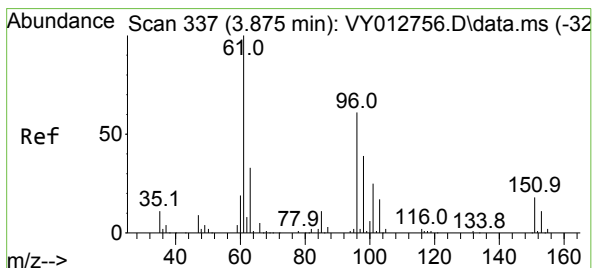
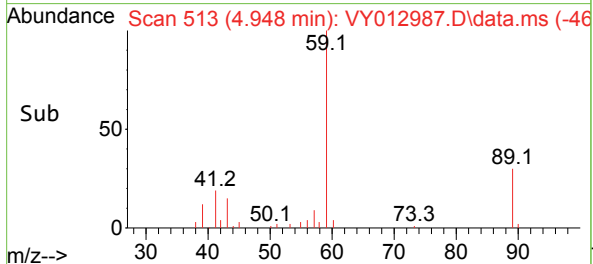
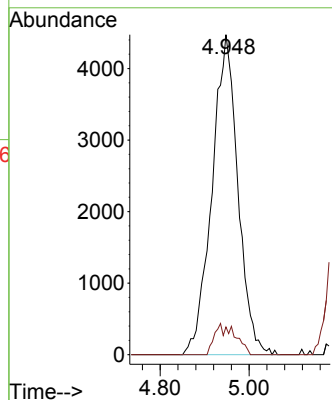
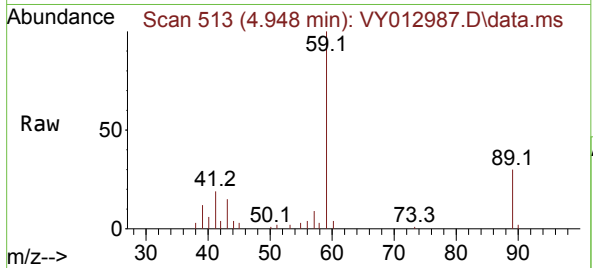




#11
Tert butyl alcohol
Concen: 138.570 ug/l
RT: 4.948 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

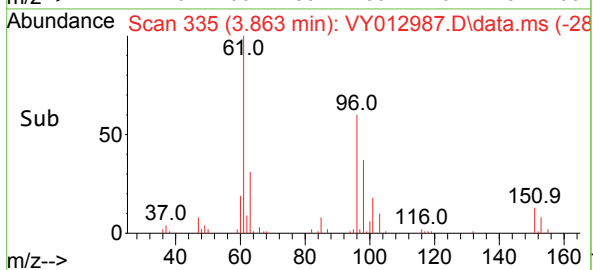
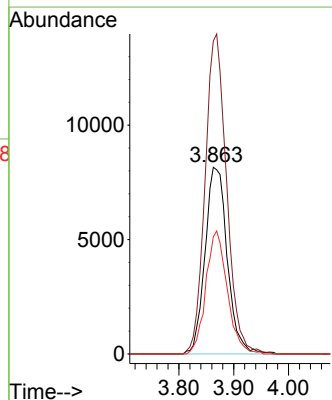
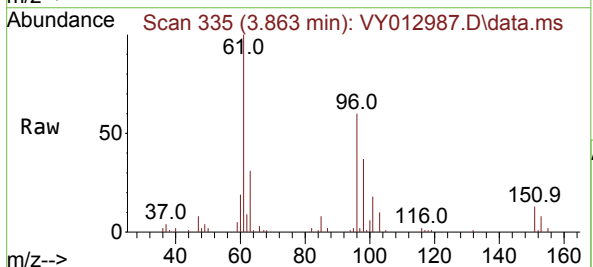
Instrument :
MSVOA_Y
ClientSampleId :

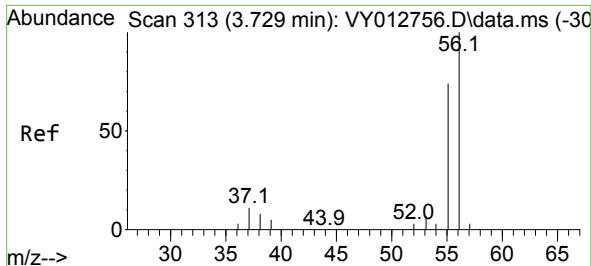
Tgt Ion: 59 Resp: 18116
Ion Ratio Lower Upper
59 100
57 3.4 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 20.787 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Tgt Ion: 96 Resp: 23017
Ion Ratio Lower Upper
96 100
61 167.6 131.7 197.5
98 62.7 52.0 78.0





#13

Acrolein

Concen: 81.197 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

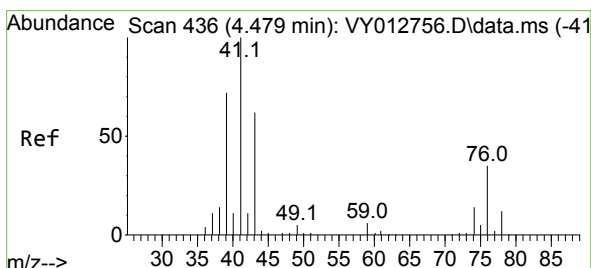
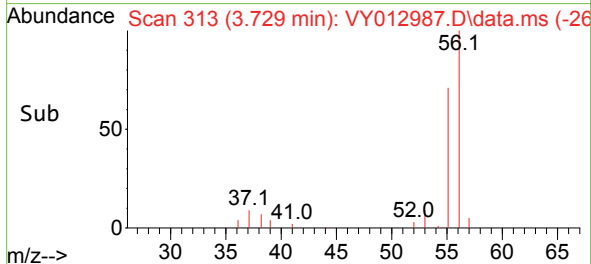
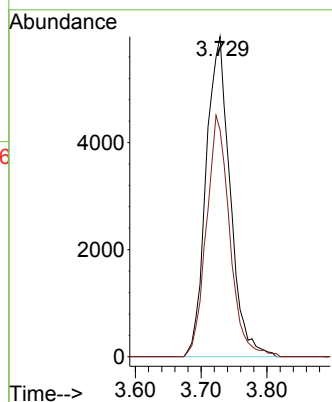
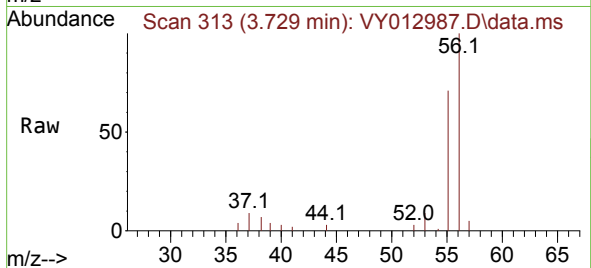
ClientSampleId :

Tgt Ion: 56 Resp: 15187

Ion Ratio Lower Upper

56 100

55 73.2 56.8 85.2



#14

Allyl chloride

Concen: 21.567 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.007 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

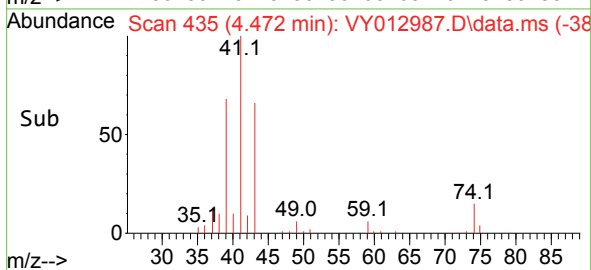
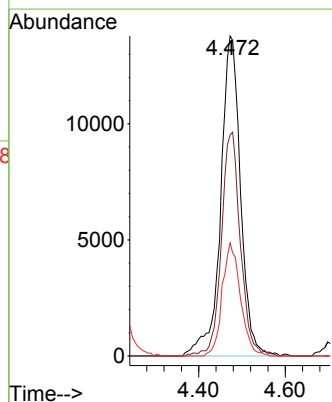
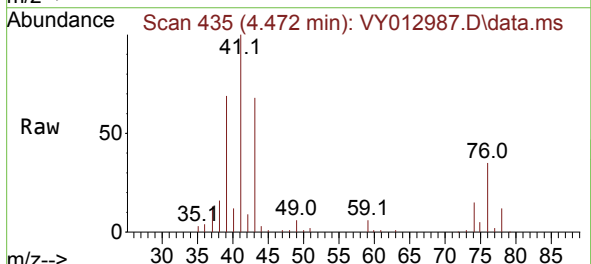
Tgt Ion: 41 Resp: 44112

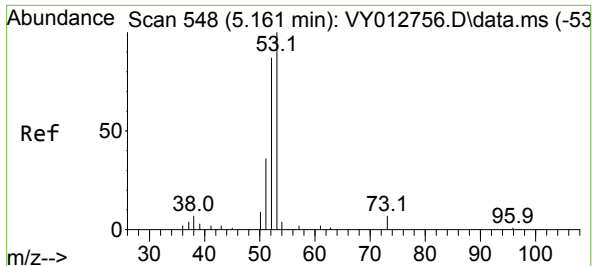
Ion Ratio Lower Upper

41 100

39 66.7 53.6 80.4

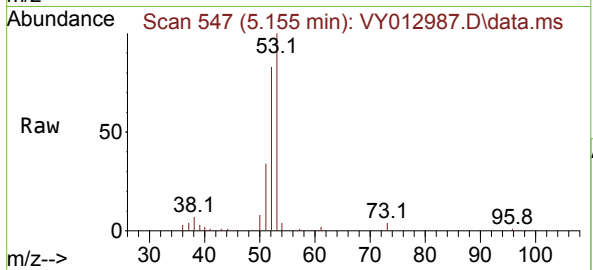
76 32.3 27.2 40.8



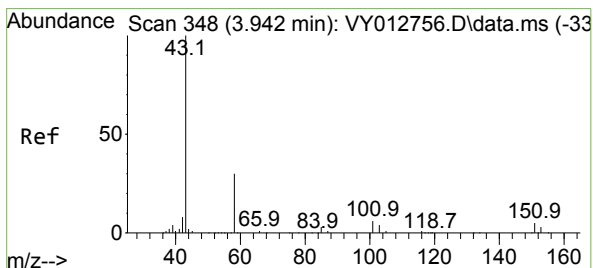
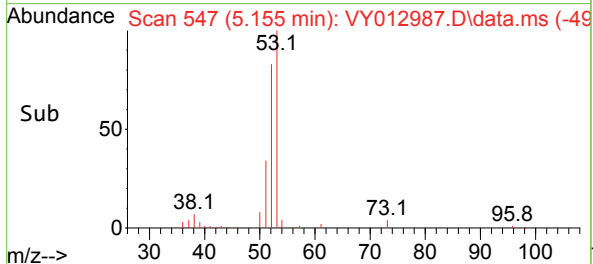
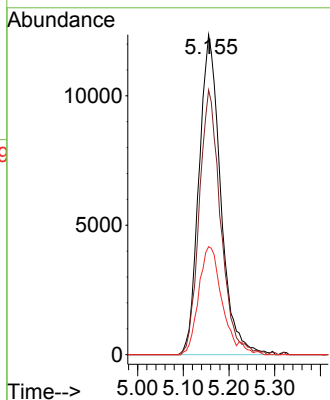


#15
Acrylonitrile
Concen: 114.214 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

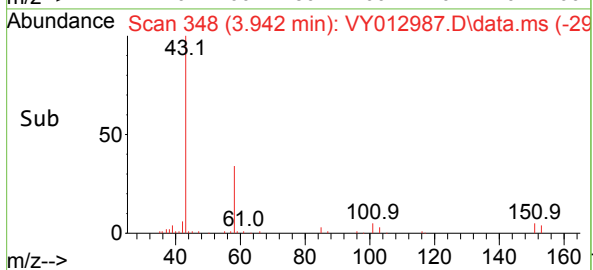
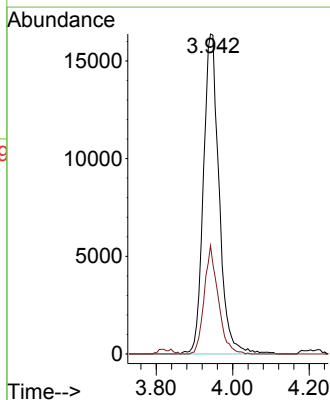
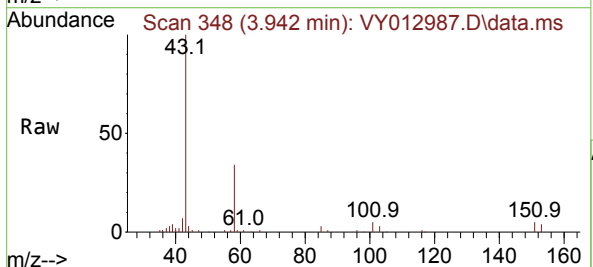


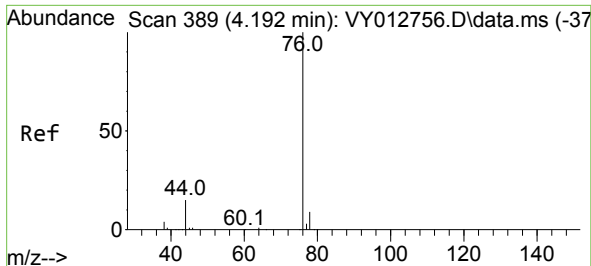
Tgt Ion: 53 Resp: 40695
Ion Ratio Lower Upper
53 100
52 81.7 66.3 99.5
51 37.0 28.8 43.2



#16
Acetone
Concen: 111.366 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Tgt Ion: 43 Resp: 46666
Ion Ratio Lower Upper
43 100
58 33.9 24.2 36.2

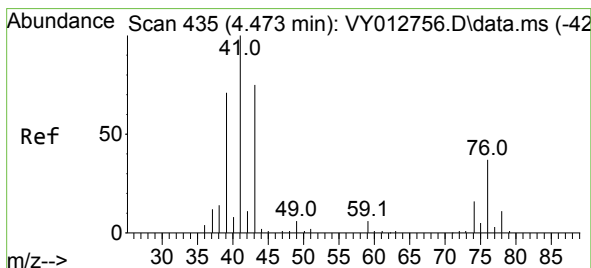
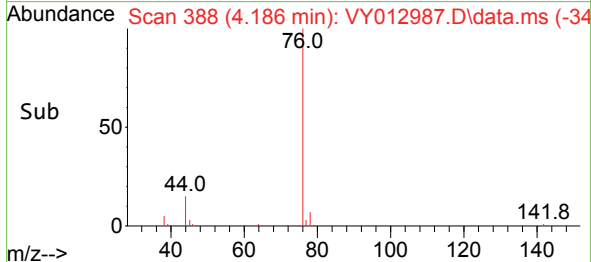
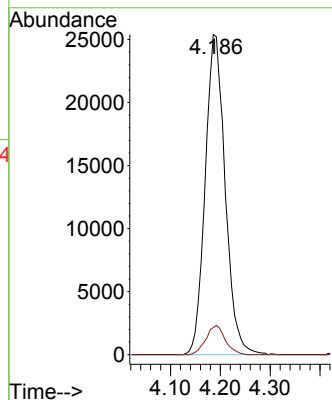
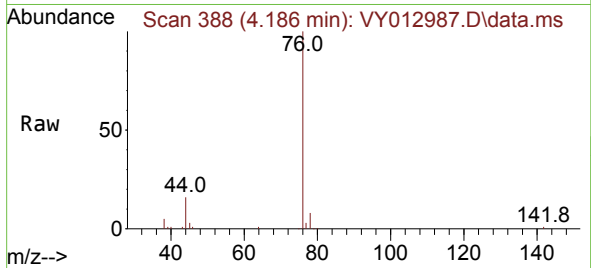




#17
Carbon Disulfide
Concen: 18.757 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

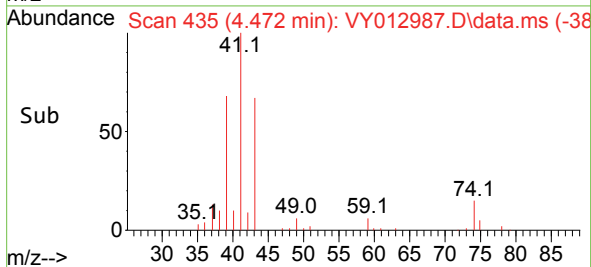
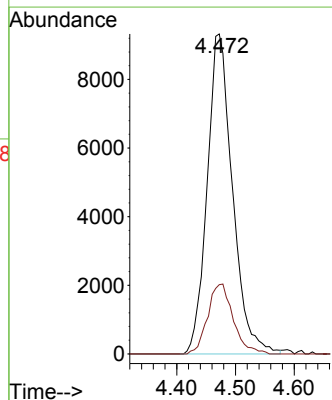
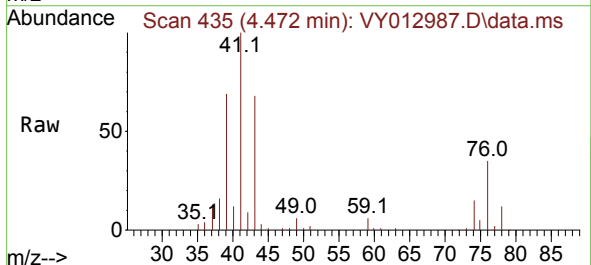
Instrument :
MSVOA_Y
ClientSampleId :

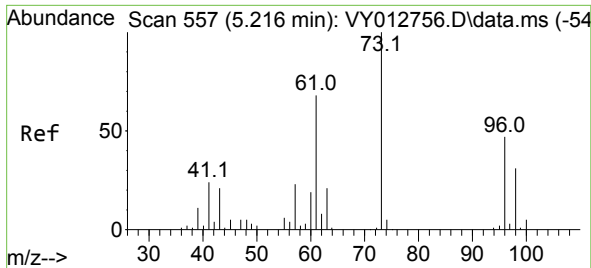
Tgt Ion: 76 Resp: 70694
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7



#18
Methyl Acetate
Concen: 22.393 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Tgt Ion: 43 Resp: 27943
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.0

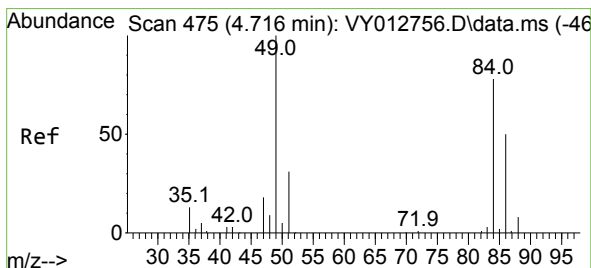
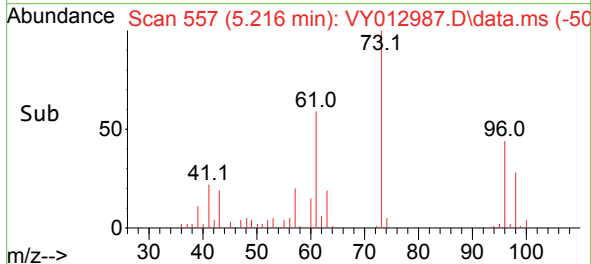
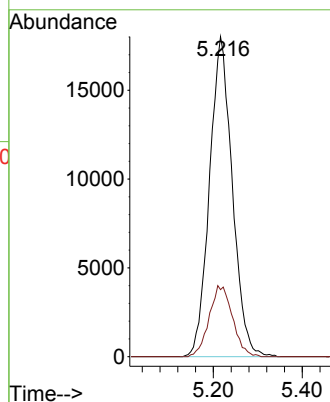
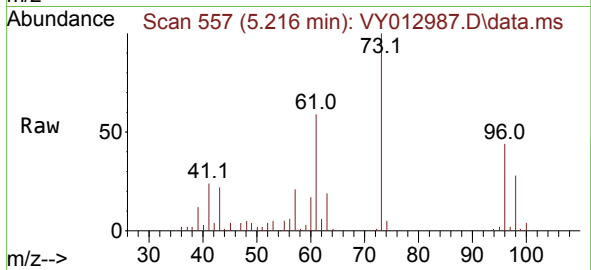




#19
Methyl tert-butyl Ether
Concen: 22.412 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

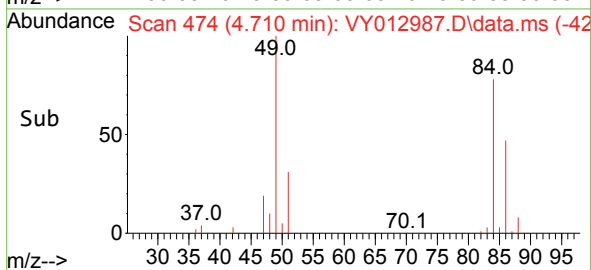
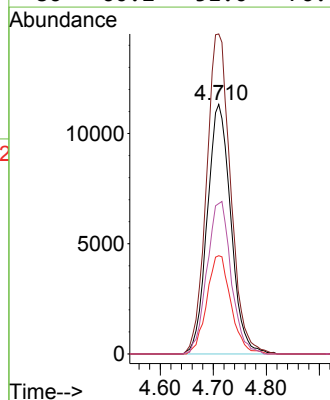
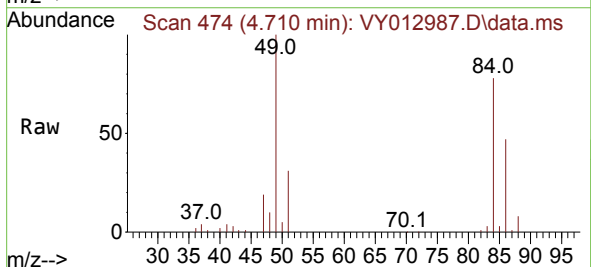
Instrument :
MSVOA_Y
ClientSampleId :

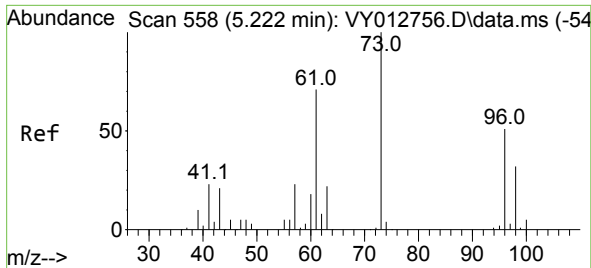
Tgt Ion: 73 Resp: 64100
Ion Ratio Lower Upper
73 100
57 21.0 18.3 27.5



#20
Methylene Chloride
Concen: 24.597 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

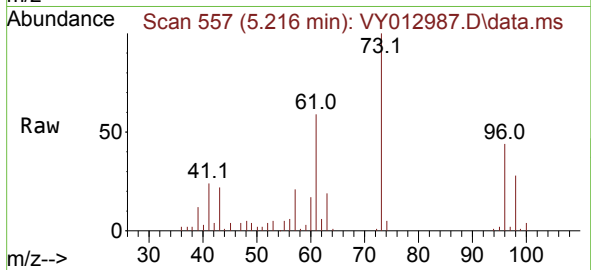
Tgt Ion: 84 Resp: 34943
Ion Ratio Lower Upper
84 100
49 128.2 102.6 154.0
51 39.3 31.9 47.9
86 60.2 51.0 76.6



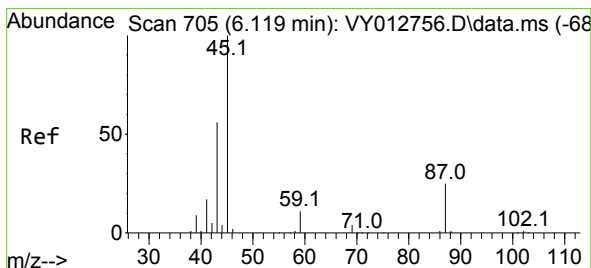
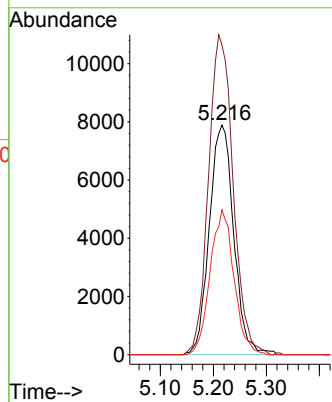
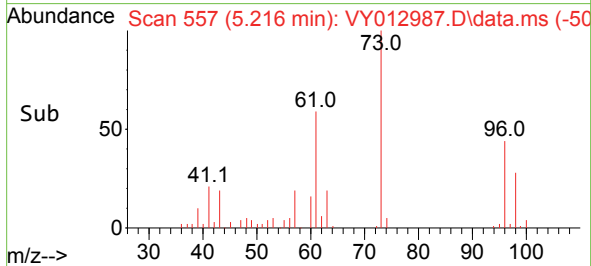


#21
trans-1,2-Dichloroethene
Concen: 20.986 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

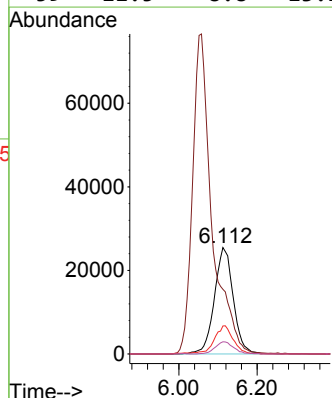
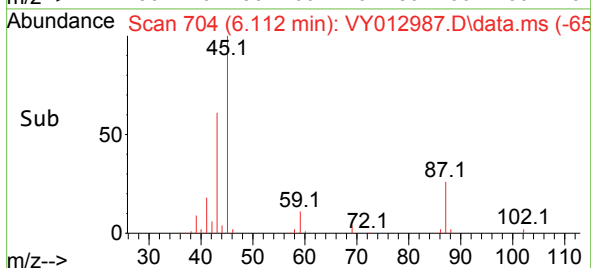
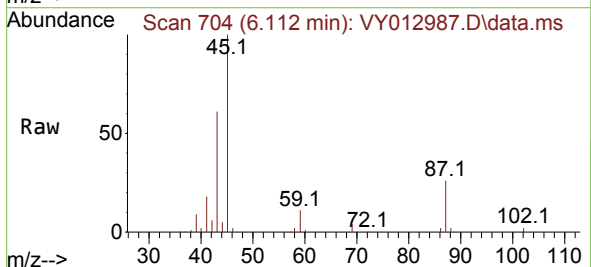


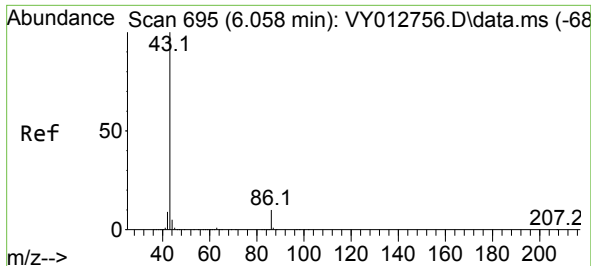
Tgt Ion: 96 Resp: 25252
Ion Ratio Lower Upper
96 100
61 134.8 111.4 167.0
98 63.0 50.8 76.2



#22
Diisopropyl ether
Concen: 22.971 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

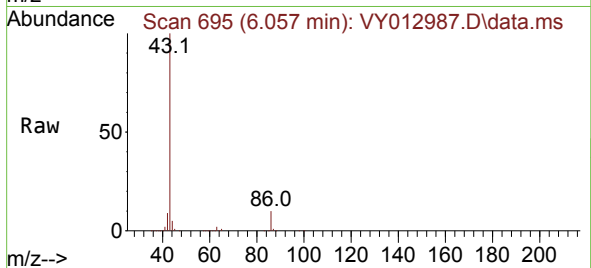
Tgt Ion: 45 Resp: 85334
Ion Ratio Lower Upper
45 100
43 60.2 45.0 67.6
87 26.4 20.3 30.5
59 11.5 8.8 13.2



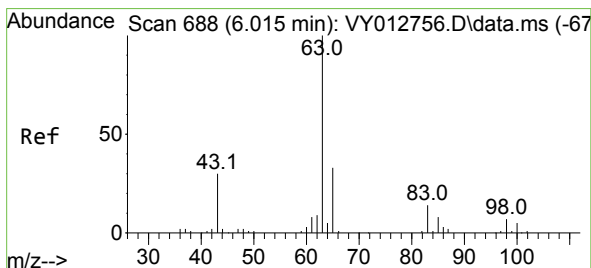
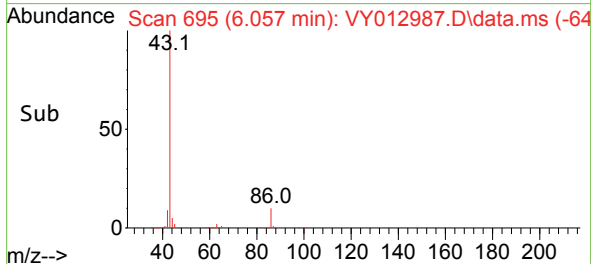
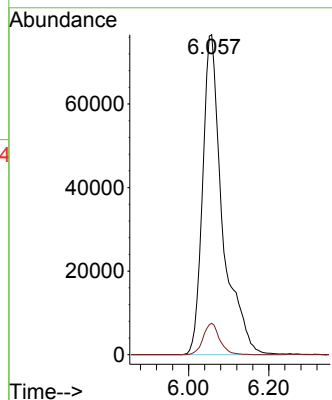


#23
 Vinyl Acetate
 Concen: 114.111 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY012987.D
 Acq: 17 Mar 2023 15:24

Instrument :
 MSVOA_Y
 ClientSampleId :

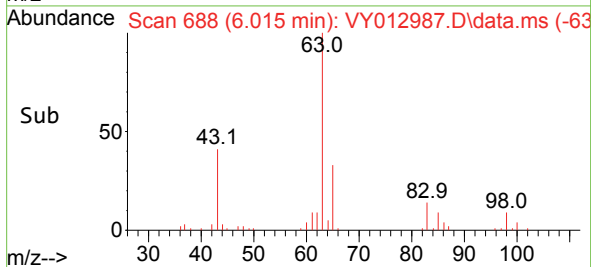
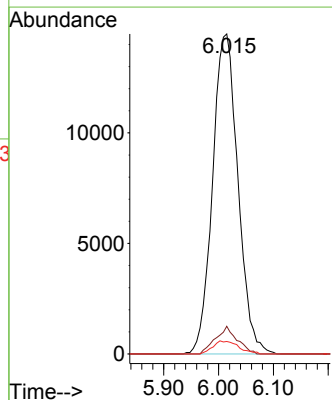
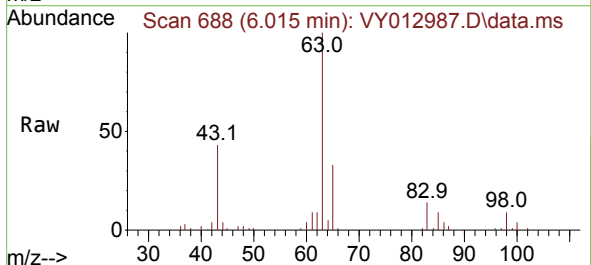


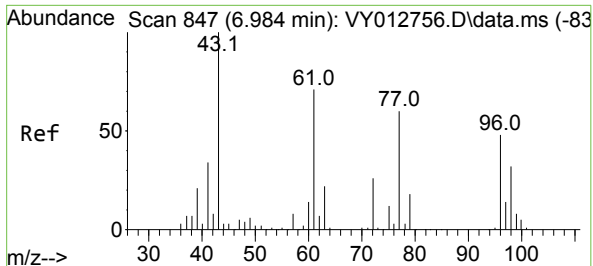
Tgt Ion: 43 Resp: 263396
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 21.980 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012987.D
 Acq: 17 Mar 2023 15:24

Tgt Ion: 63 Resp: 46530
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.7 11.1
 100 3.9 2.3 6.8

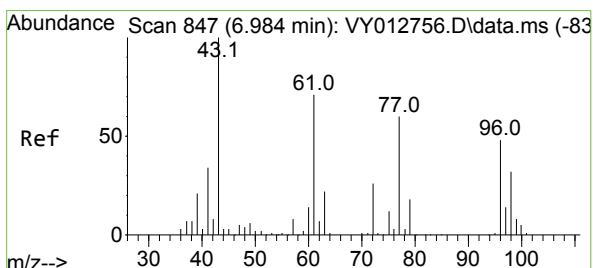
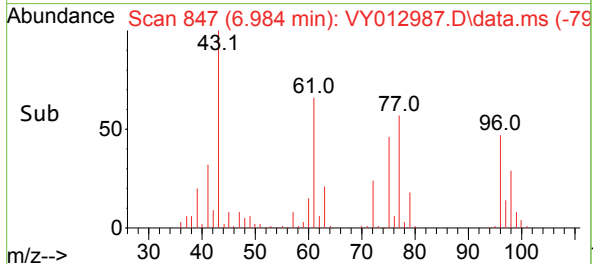
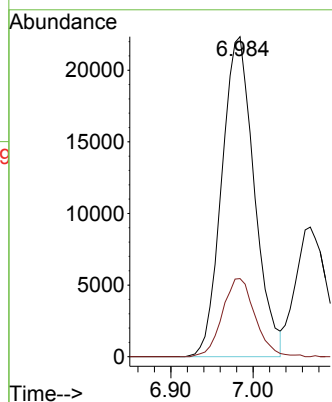
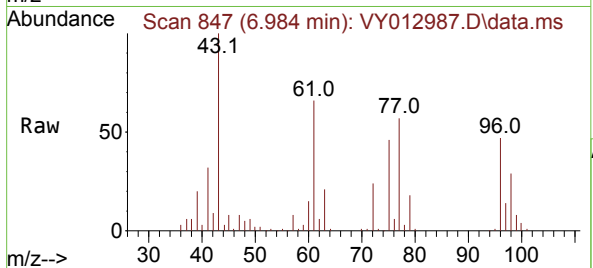




#25
2-Butanone
Concen: 118.233 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

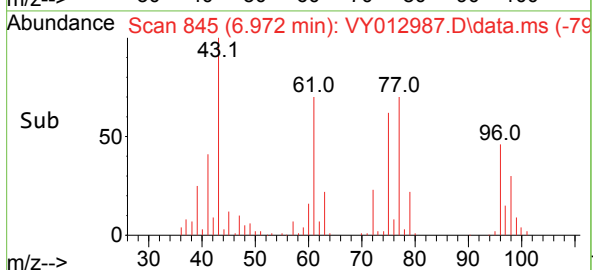
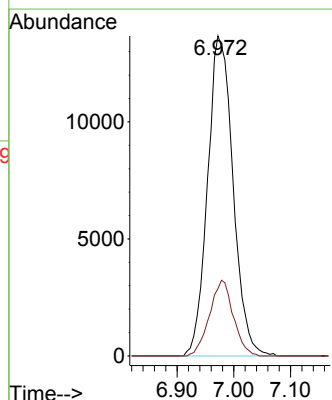
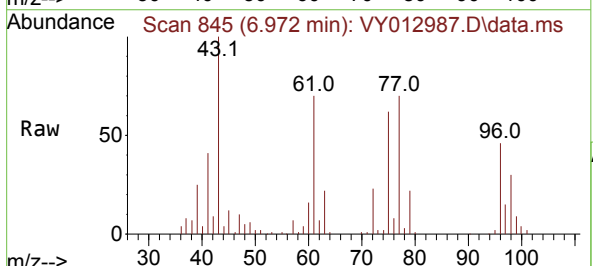
Instrument :
MSVOA_Y
ClientSampleId :

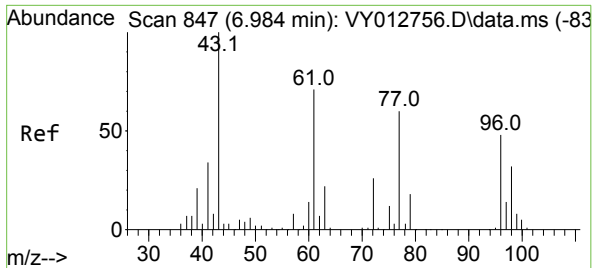
Tgt Ion: 43 Resp: 61364
Ion Ratio Lower Upper
43 100
72 24.4 21.0 31.4



#26
2,2-Dichloropropane
Concen: 22.648 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

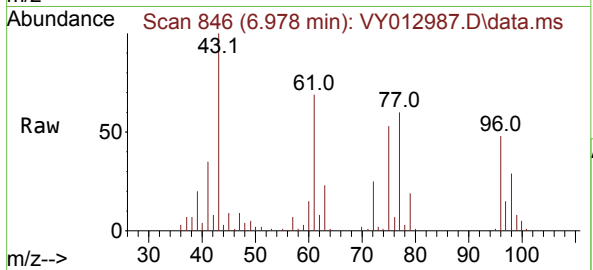
Tgt Ion: 77 Resp: 42581
Ion Ratio Lower Upper
77 100
97 22.1 11.7 35.0



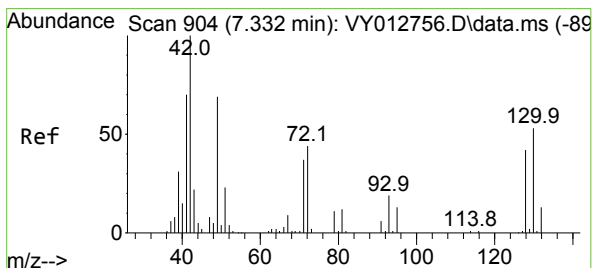
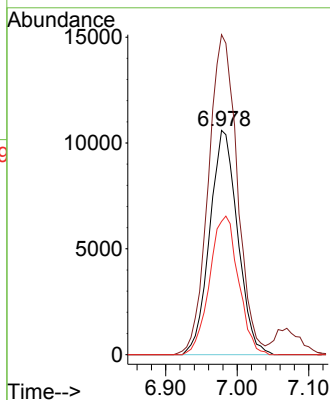
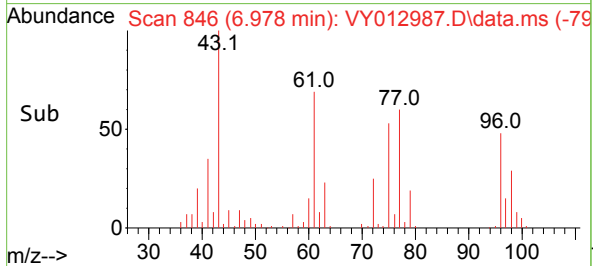


#27
 cis-1,2-Dichloroethene
 Concen: 22.277 ug/l
 RT: 6.978 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VY012987.D
 Acq: 17 Mar 2023 15:24

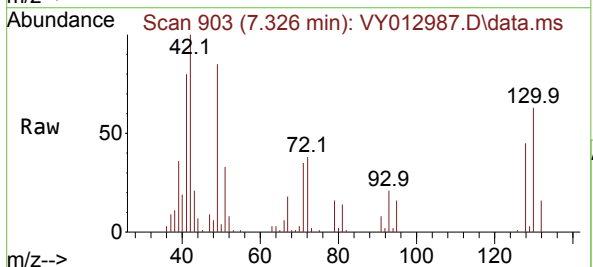
Instrument :
 MSVOA_Y
 ClientSampleId :



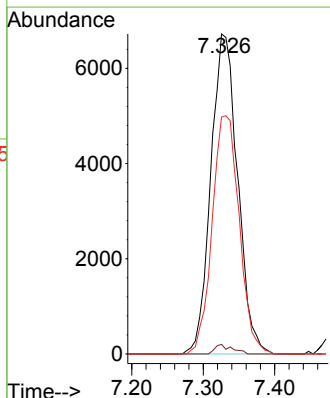
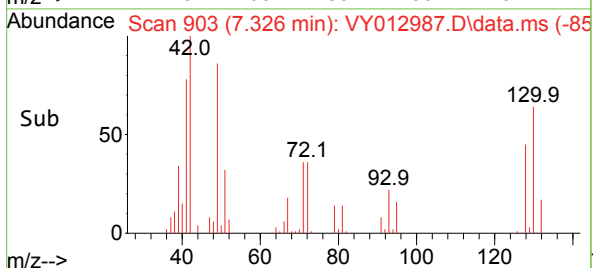
Tgt Ion: 96 Resp: 28738
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 295.8
 98 63.6 0.0 130.2



#28
 Bromochloromethane
 Concen: 22.580 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY012987.D
 Acq: 17 Mar 2023 15:24



Tgt Ion: 49 Resp: 17468
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 75.2 60.5 90.7





#29

Tetrahydrofuran

Concen: 115.892 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

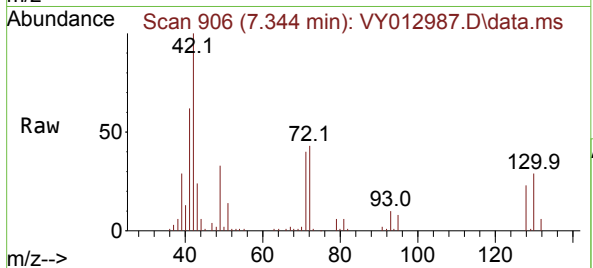
Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :



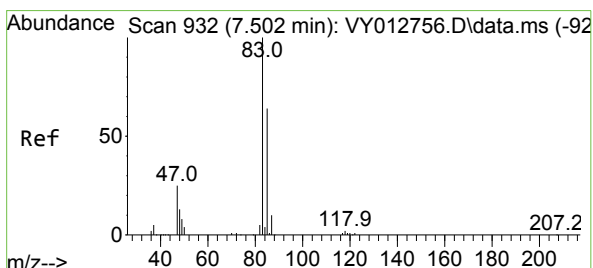
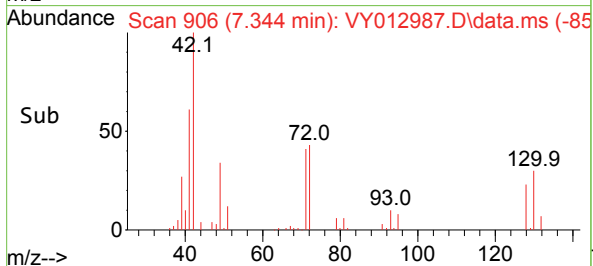
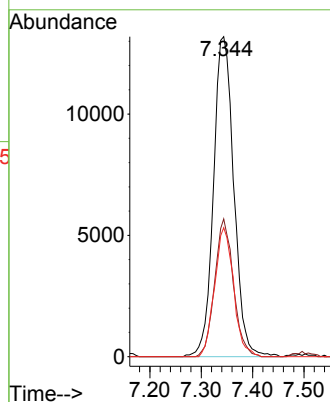
Tgt Ion: 42 Resp: 36277

Ion Ratio Lower Upper

42 100

72 39.6 32.3 48.5

71 37.6 30.3 45.5



#30

Chloroform

Concen: 22.776 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY012987.D

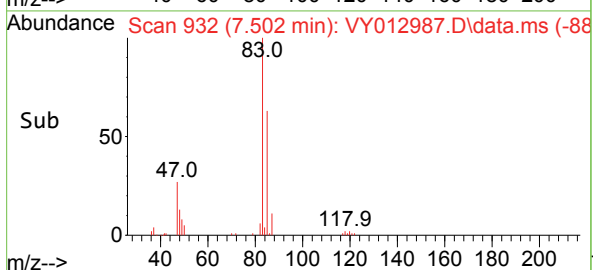
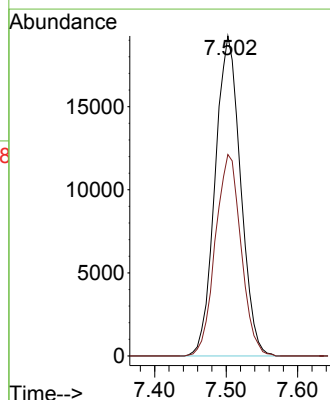
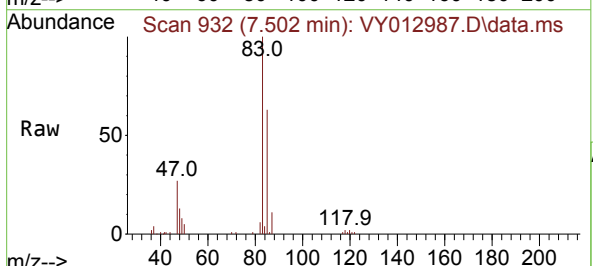
Acq: 17 Mar 2023 15:24

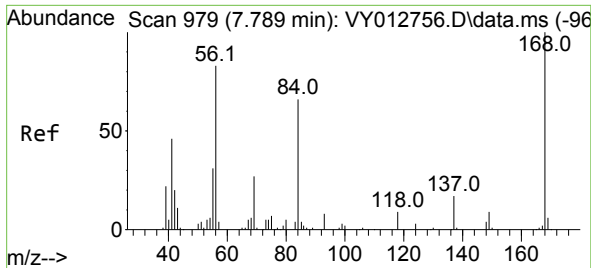
Tgt Ion: 83 Resp: 47623

Ion Ratio Lower Upper

83 100

85 62.9 51.4 77.0





#31

Cyclohexane

Concen: 19.861 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

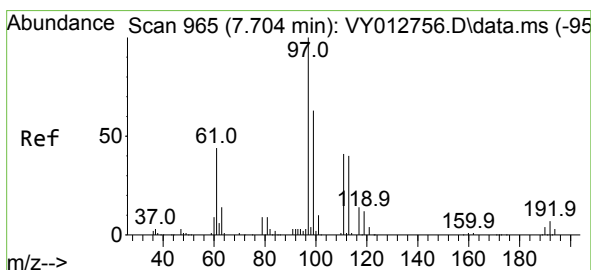
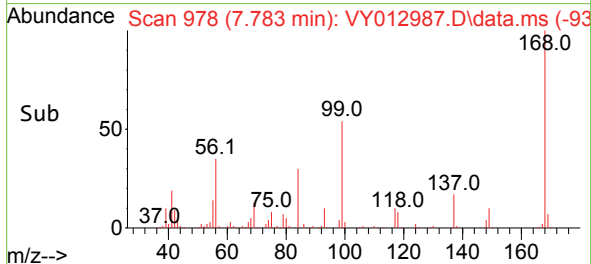
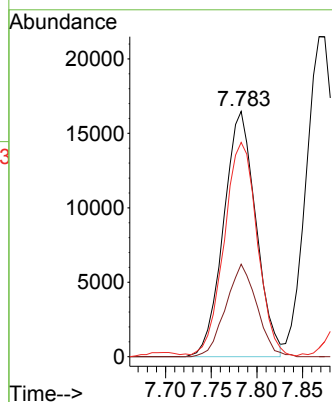
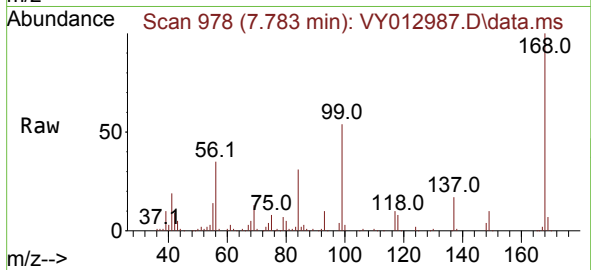
Tgt Ion: 56 Resp: 40608

Ion Ratio Lower Upper

56 100

69 37.7 25.7 38.5

84 86.5 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 22.023 ug/l

RT: 7.697 min Scan# 964

Delta R.T. -0.007 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

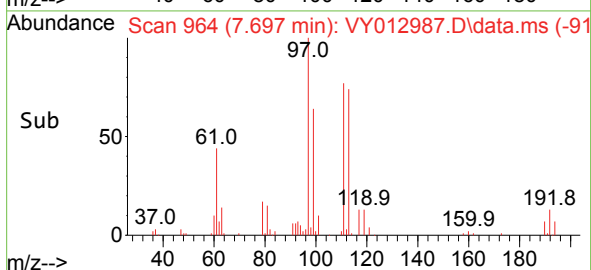
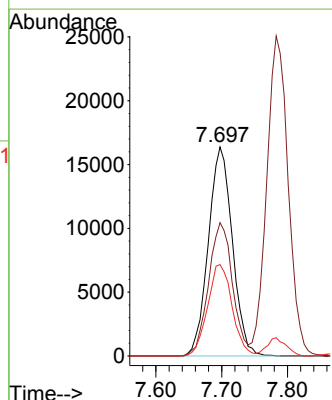
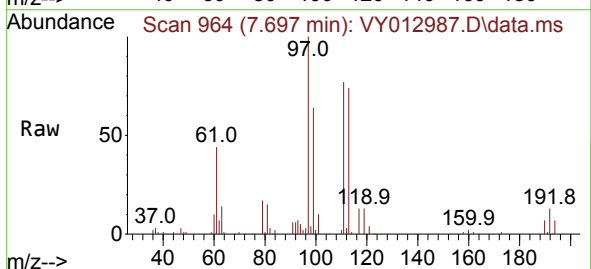
Tgt Ion: 97 Resp: 41643

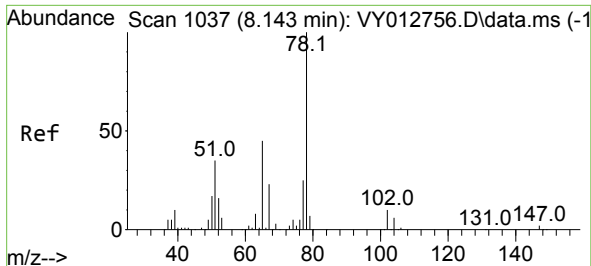
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.6

61 44.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 46.215 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.007 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

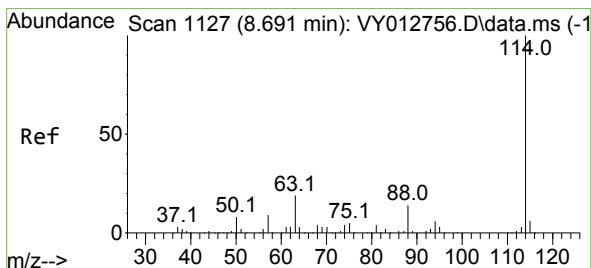
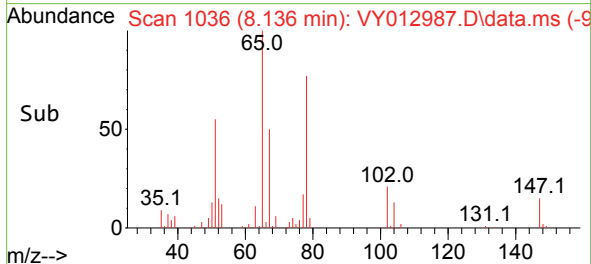
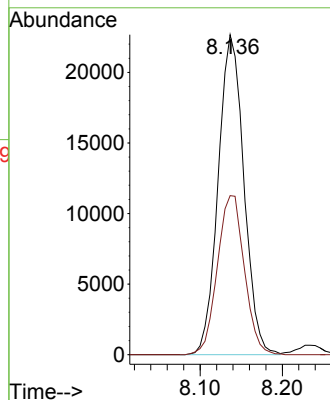
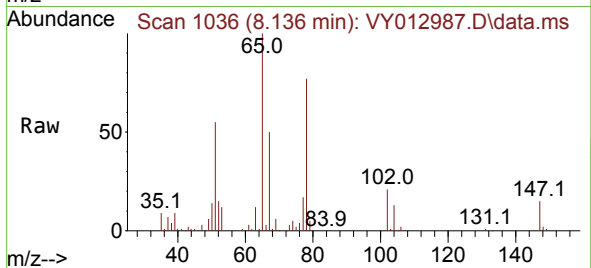
ClientSampleId :

Tgt Ion: 65 Resp: 49338

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

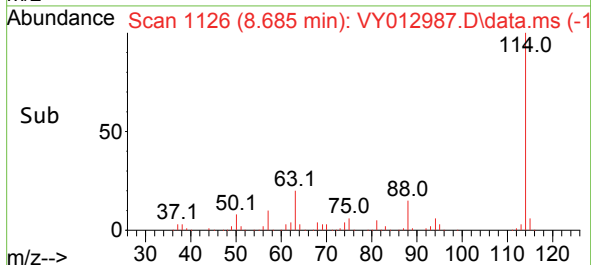
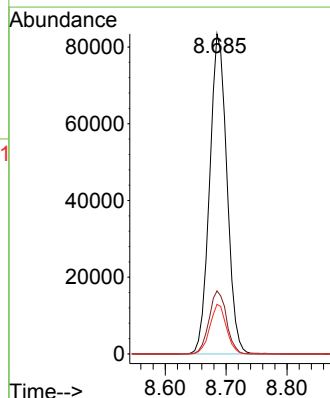
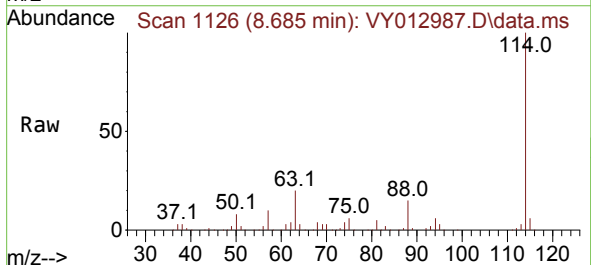
Tgt Ion: 114 Resp: 164265

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

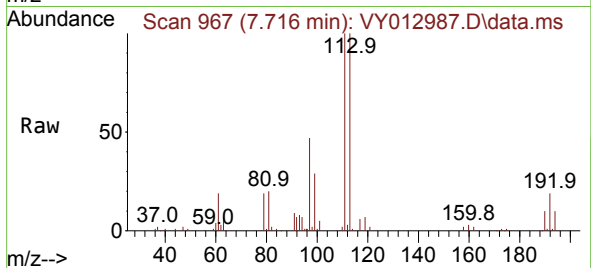
88 15.5 0.0 28.6



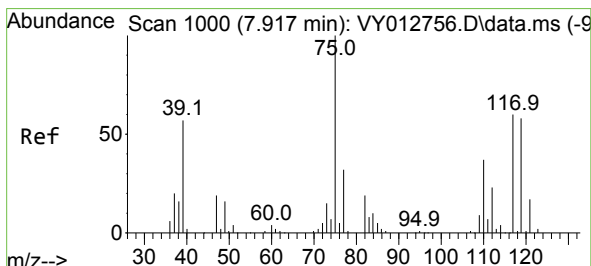
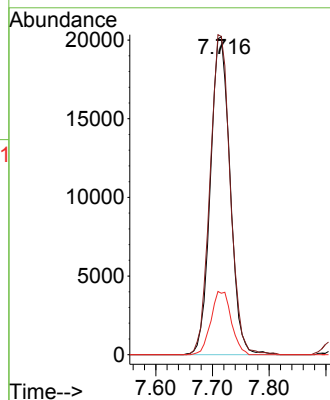
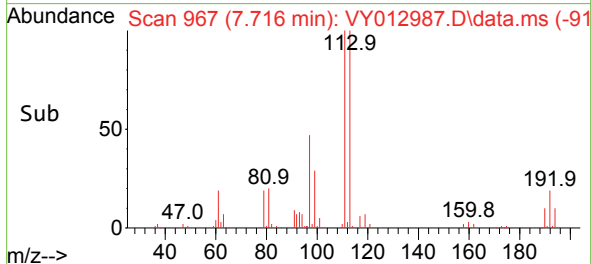


#35
Dibromofluoromethane
Concen: 49.132 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

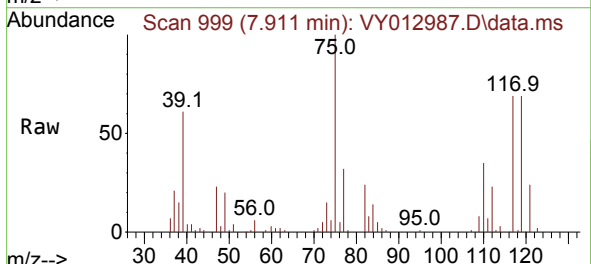
Instrument :
MSVOA_Y
ClientSampleId :



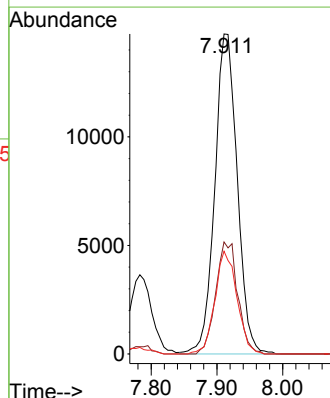
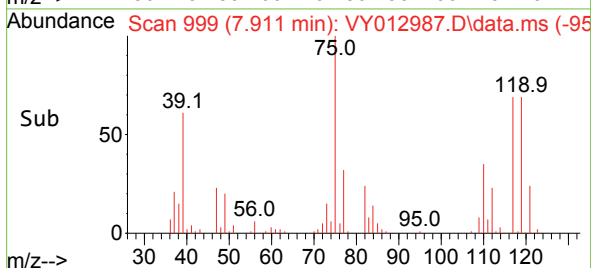
Tgt Ion:113 Resp: 48706
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 20.5 16.8 25.2

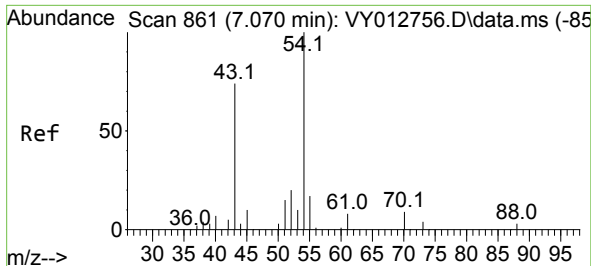


#36
1,1-Dichloropropene
Concen: 21.096 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24



Tgt Ion: 75 Resp: 35046
Ion Ratio Lower Upper
75 100
110 34.4 17.8 53.3
77 31.5 25.0 37.4





#37

Ethyl Acetate

Concen: 23.549 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

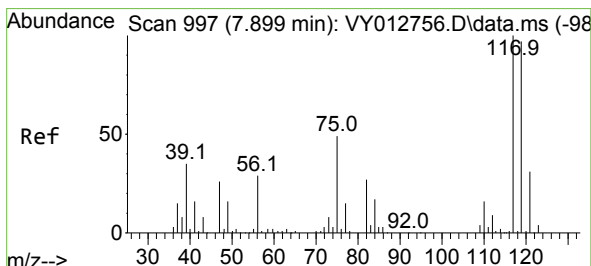
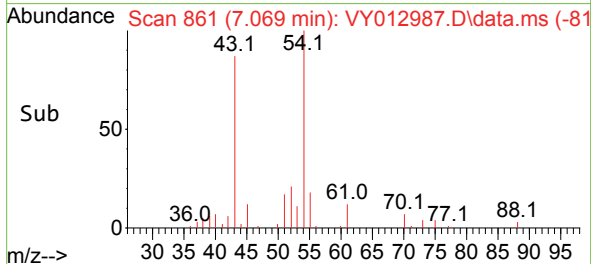
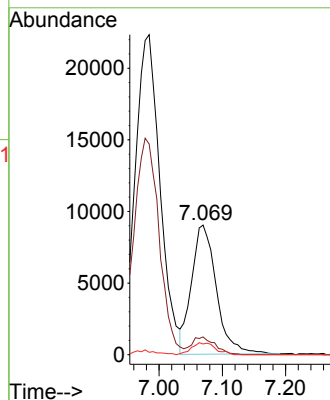
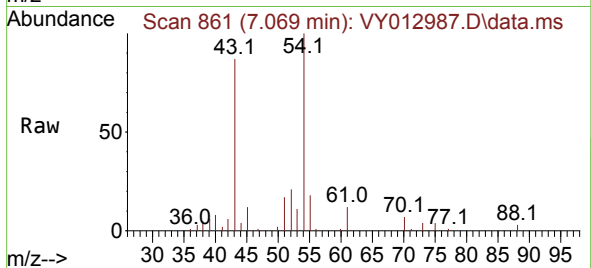
Tgt Ion: 43 Resp: 24657

Ion Ratio Lower Upper

43 100

61 12.9 10.7 16.1

70 8.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 21.746 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

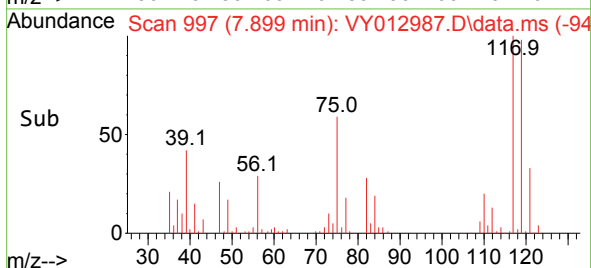
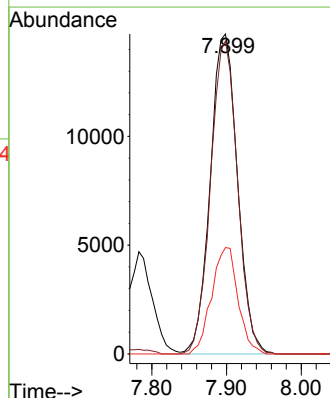
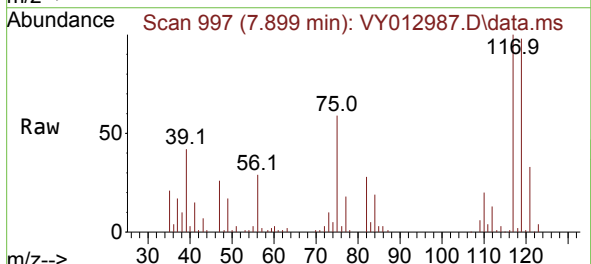
Tgt Ion: 117 Resp: 37305

Ion Ratio Lower Upper

117 100

119 97.8 77.2 115.8

121 33.2 24.7 37.1





#39

Methylcyclohexane

Concen: 20.505 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

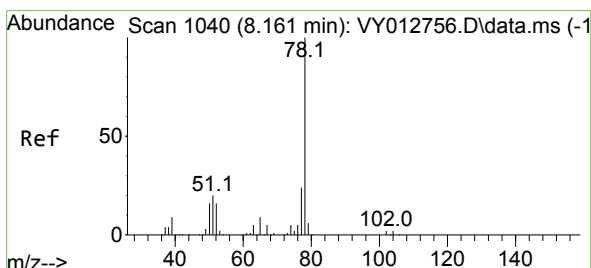
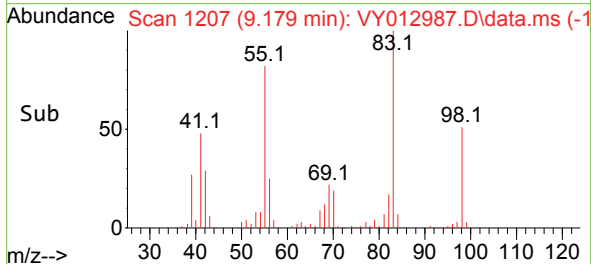
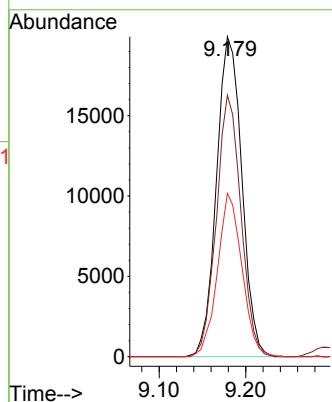
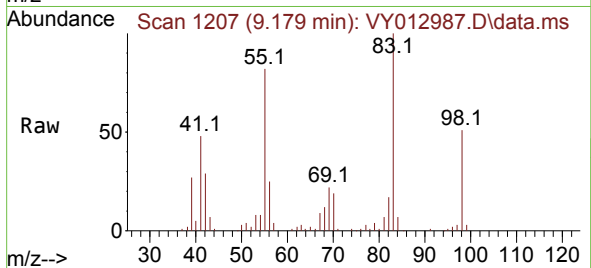
Tgt Ion: 83 Resp: 40498

Ion Ratio Lower Upper

83 100

55 81.8 60.0 90.0

98 51.0 38.3 57.5



#40

Benzene

Concen: 21.898 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY012987.D

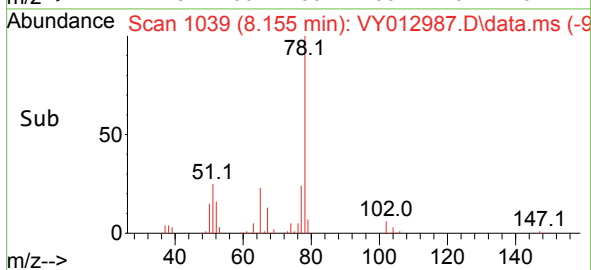
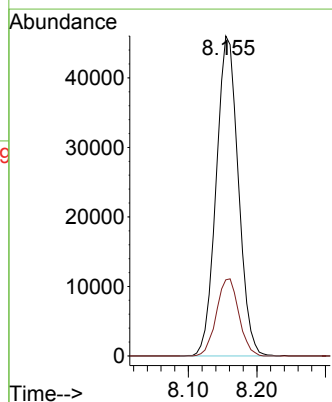
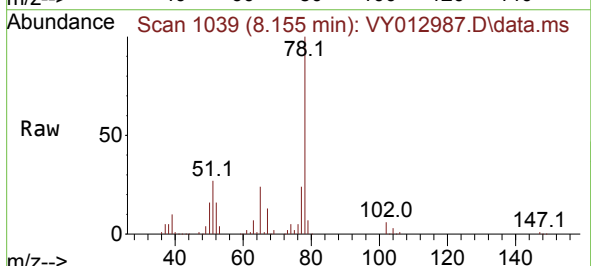
Acq: 17 Mar 2023 15:24

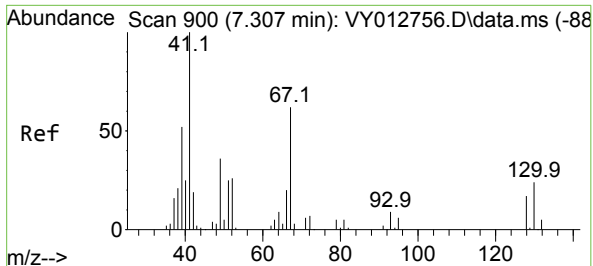
Tgt Ion: 78 Resp: 102903

Ion Ratio Lower Upper

78 100

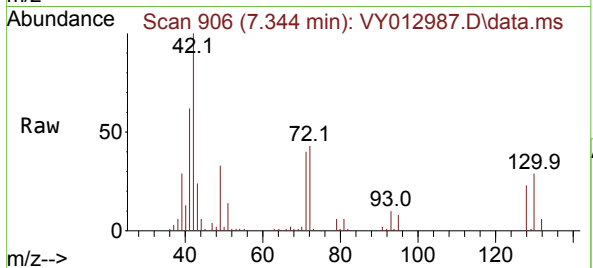
77 23.8 19.4 29.0



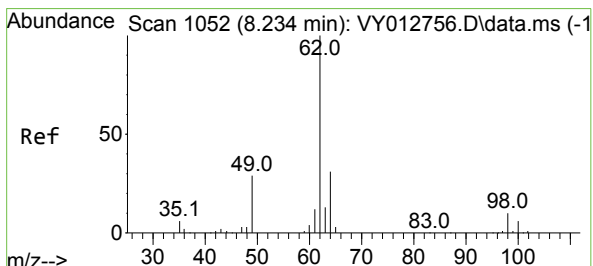
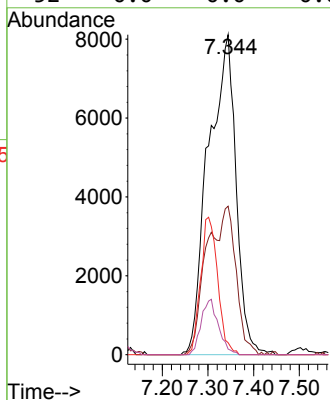
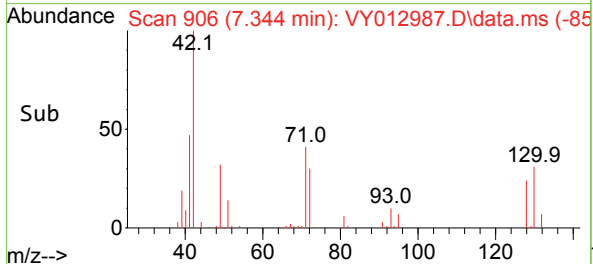


#41
Methacrylonitrile
Concen: 60.101 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.036 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

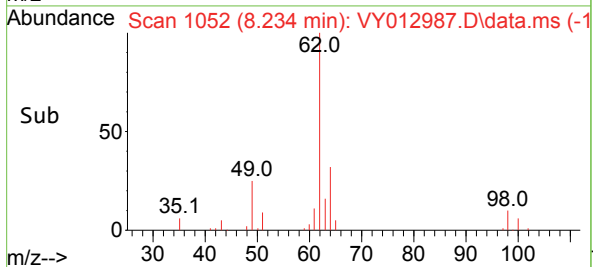
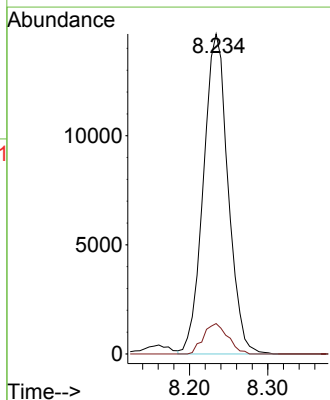
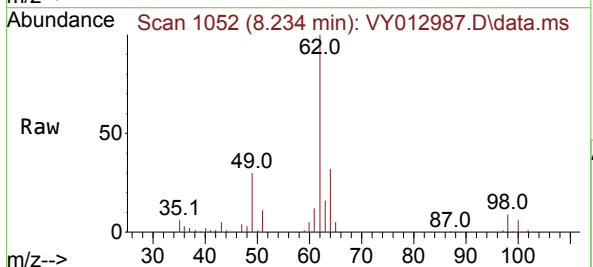


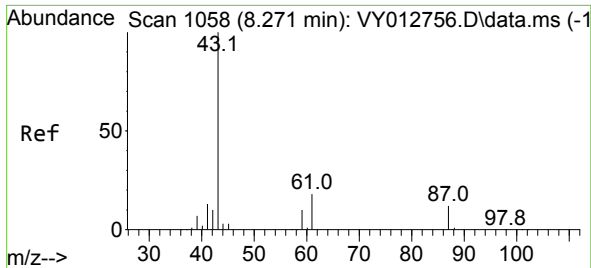
Tgt Ion: 41 Resp: 33905
Ion Ratio Lower Upper
41 100
39 24.3 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 22.692 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Tgt Ion: 62 Resp: 32060
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.8

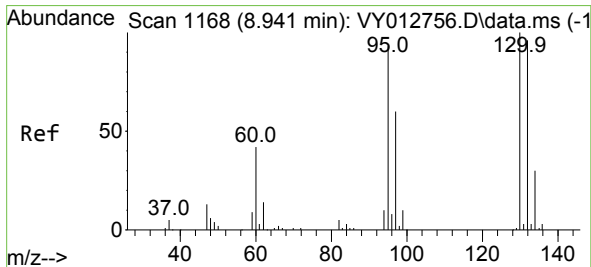
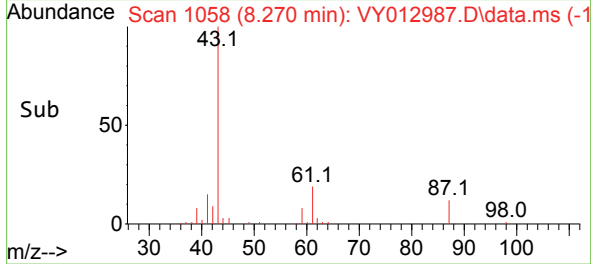
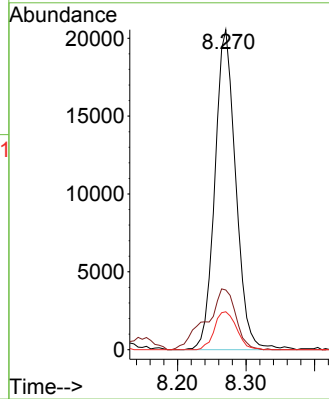
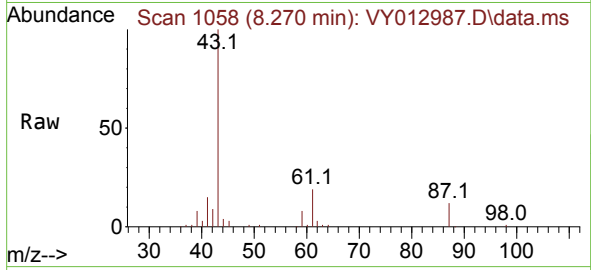




#43
Isopropyl Acetate
Concen: 23.155 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

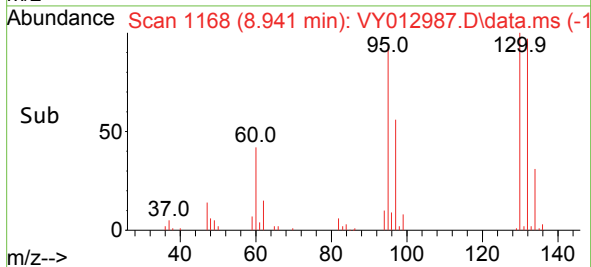
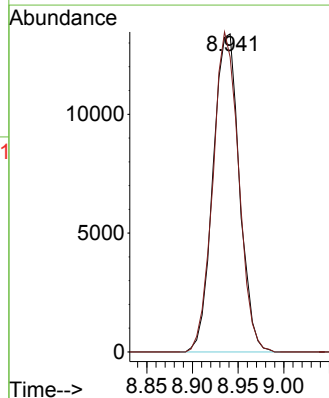
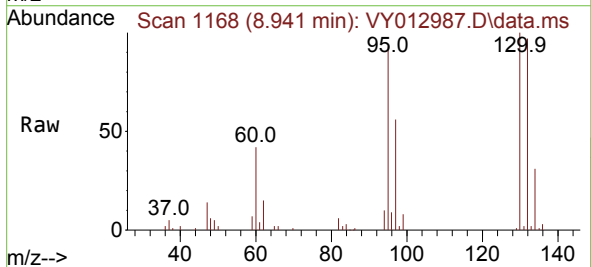
Instrument :
MSVOA_Y
ClientSampleId :

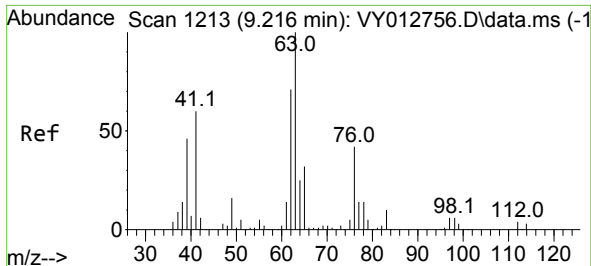
Tgt Ion: 43 Resp: 43255
Ion Ratio Lower Upper
43 100
61 27.0 21.6 32.4
87 12.7 9.9 14.9



#44
Trichloroethene
Concen: 21.661 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Tgt Ion:130 Resp: 26838
Ion Ratio Lower Upper
130 100
95 92.7 0.0 185.0





#45

1,2-Dichloropropane

Concen: 22.272 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

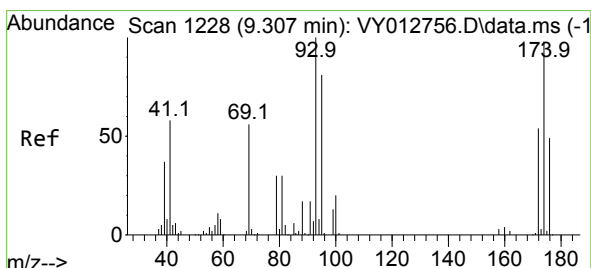
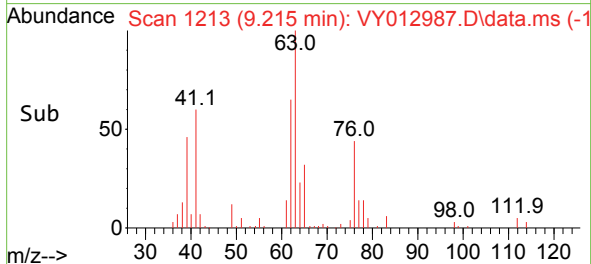
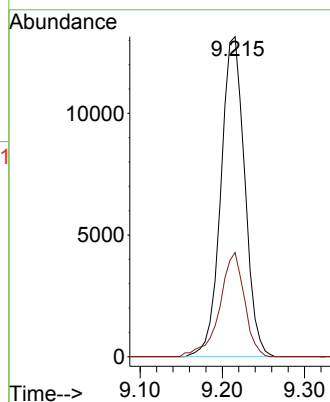
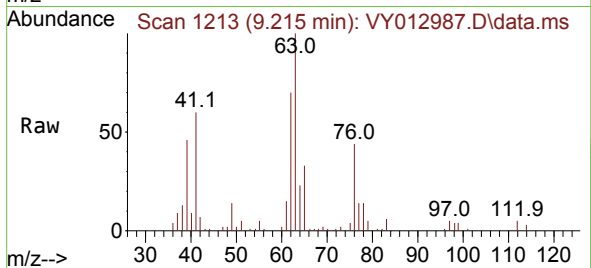
ClientSampleId :

Tgt Ion: 63 Resp: 26451

Ion Ratio Lower Upper

63 100

65 32.6 25.7 38.5



#46

Dibromomethane

Concen: 23.533 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

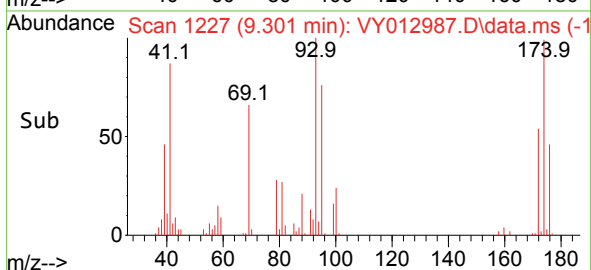
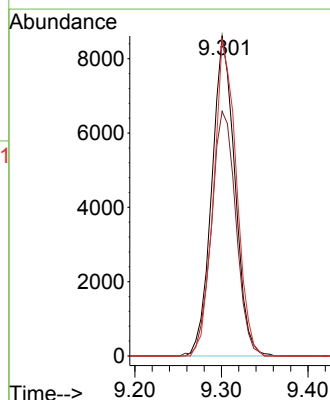
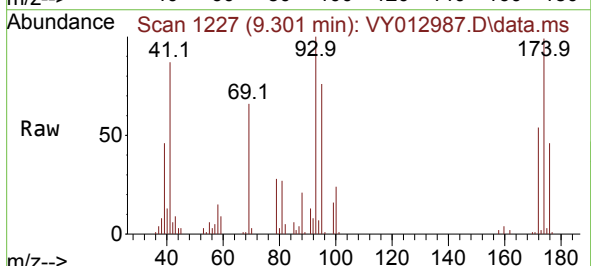
Tgt Ion: 93 Resp: 15922

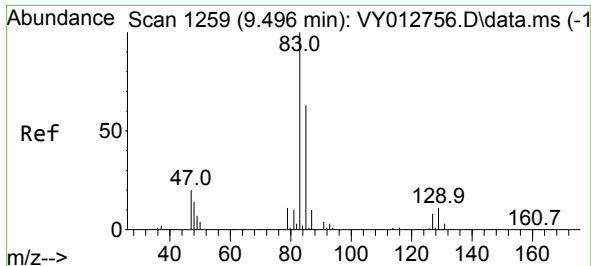
Ion Ratio Lower Upper

93 100

95 80.9 65.6 98.4

174 97.7 81.3 121.9

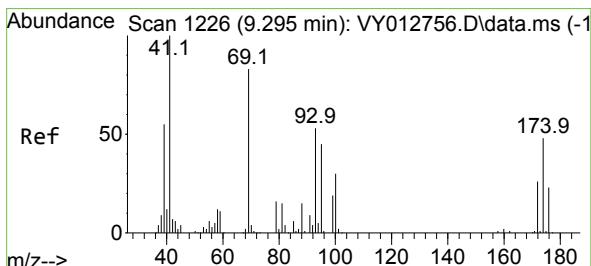
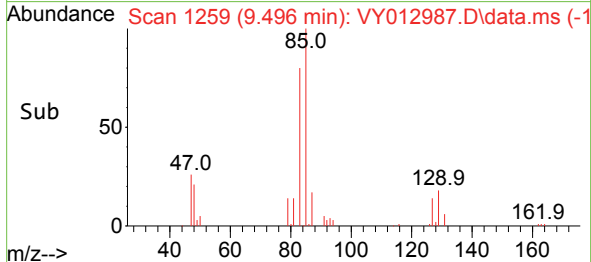
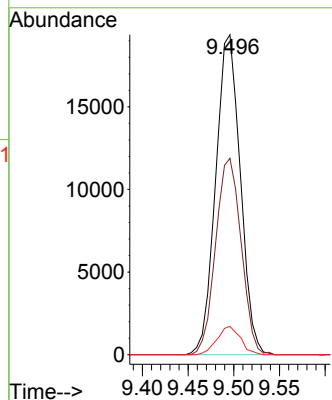
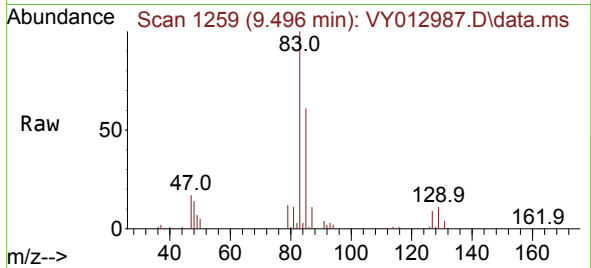




#47
Bromodichloromethane
Concen: 22.785 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

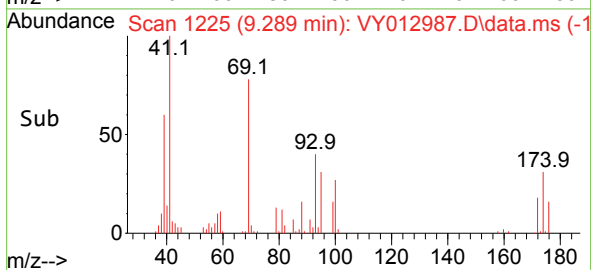
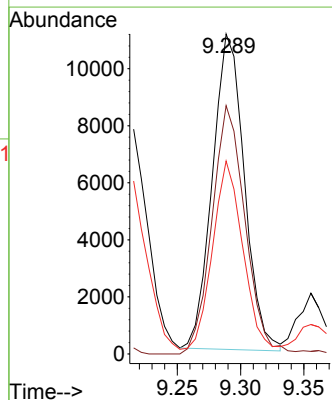
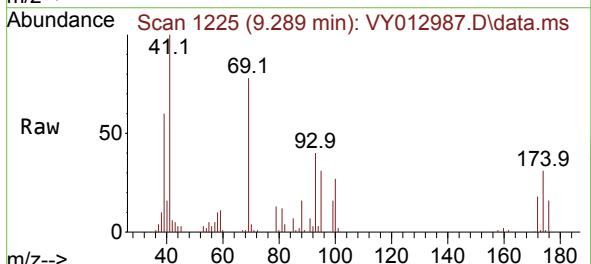
Instrument :
MSVOA_Y
ClientSampleId :

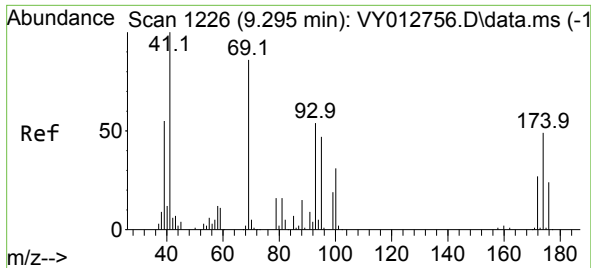
Tgt Ion: 83 Resp: 36328
Ion Ratio Lower Upper
83 100
85 61.3 50.2 75.4
127 8.8 6.3 9.5



#48
Methyl methacrylate
Concen: 22.566 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Tgt Ion: 41 Resp: 19424
Ion Ratio Lower Upper
41 100
69 81.4 64.1 96.1
39 59.6 44.0 66.0

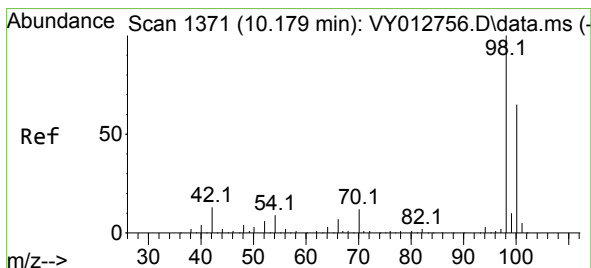
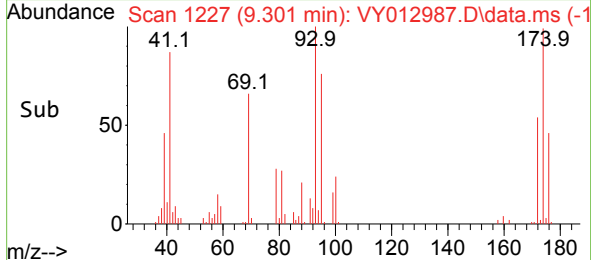
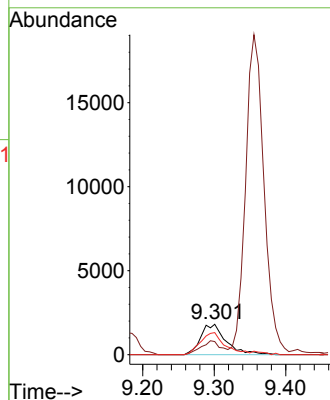
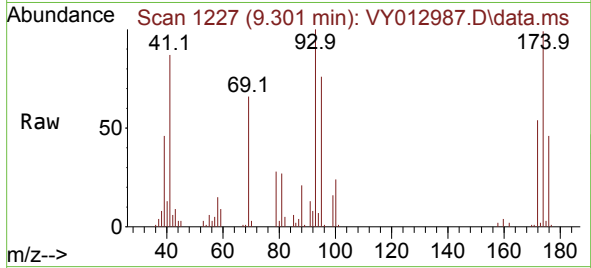




#49
1,4-Dioxane
Concen: 512.767 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

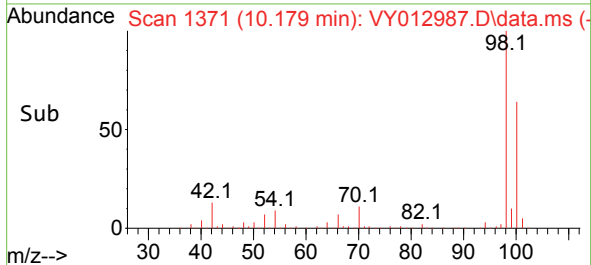
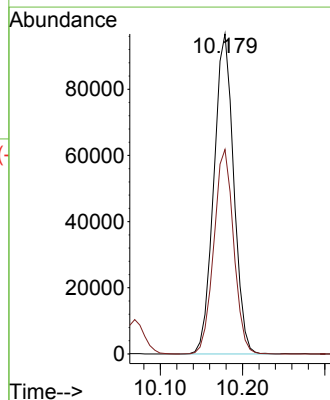
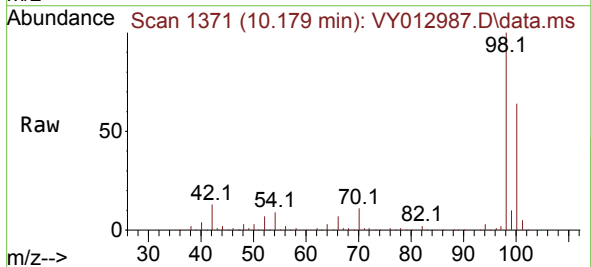
Instrument :
MSVOA_Y
ClientSampleId :

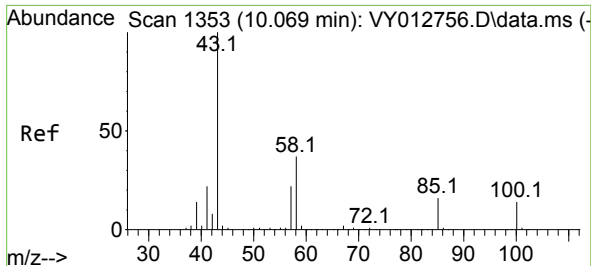
Tgt Ion: 88 Resp: 4485
Ion Ratio Lower Upper
88 100
43 35.9 28.6 42.8
58 69.8 55.2 82.8



#50
Toluene-d8
Concen: 44.762 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Tgt Ion: 98 Resp: 162223
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 120.268 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

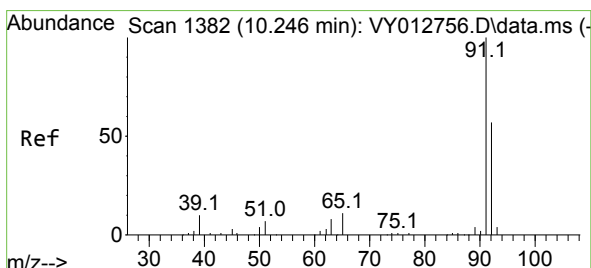
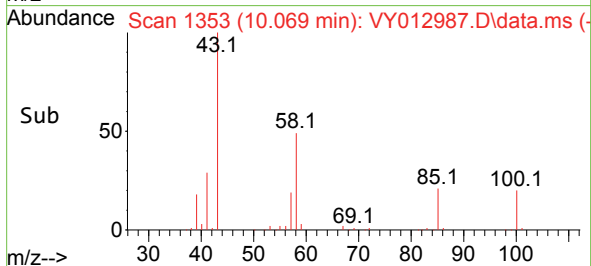
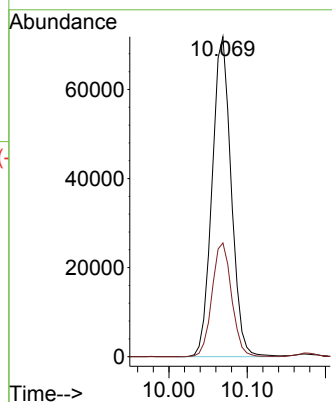
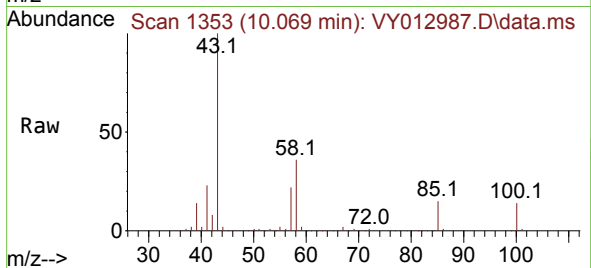
ClientSampleId :

Tgt Ion: 43 Resp: 121871

Ion Ratio Lower Upper

43 100

58 36.5 29.8 44.6



#52

Toluene

Concen: 22.125 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY012987.D

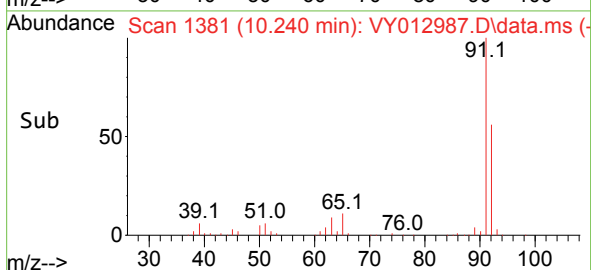
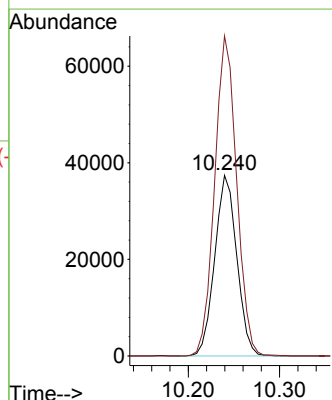
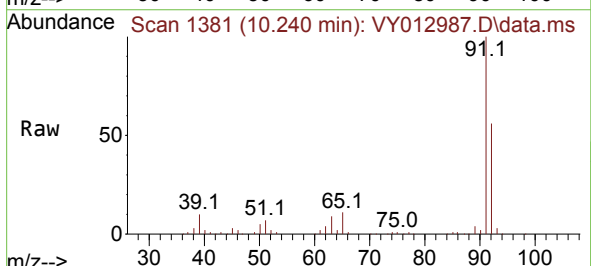
Acq: 17 Mar 2023 15:24

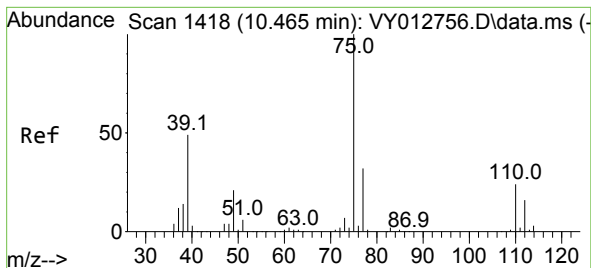
Tgt Ion: 92 Resp: 62703

Ion Ratio Lower Upper

92 100

91 177.1 141.3 211.9

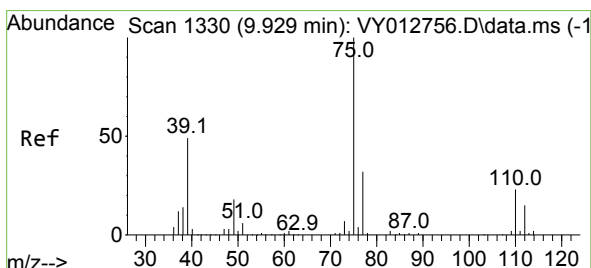
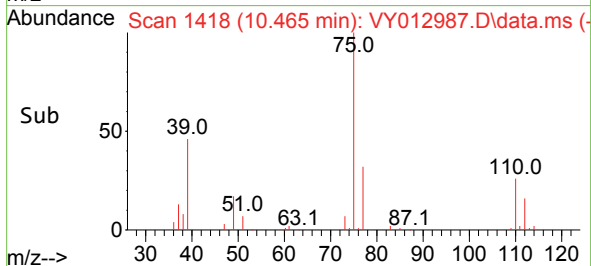
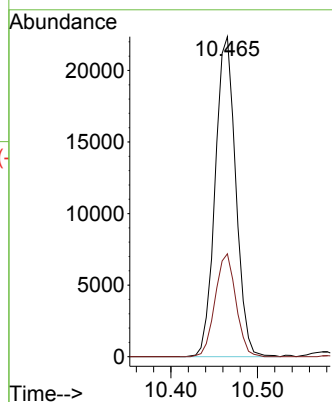
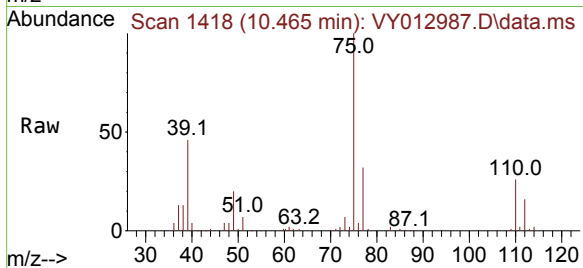




#53
 t-1,3-Dichloropropene
 Concen: 22.035 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY012987.D
 Acq: 17 Mar 2023 15:24

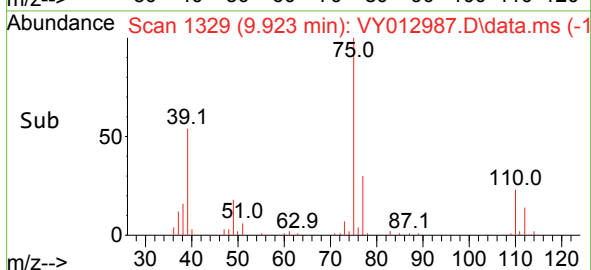
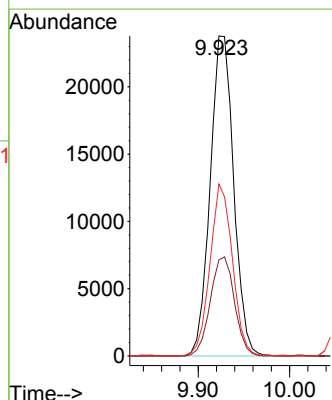
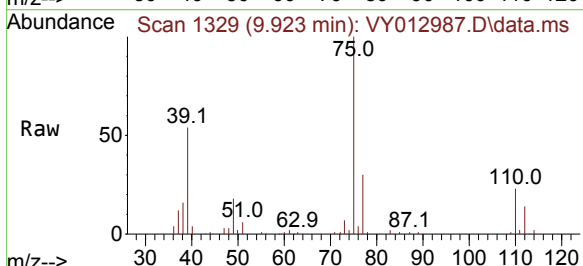
Instrument :
 MSVOA_Y
 ClientSampleId :

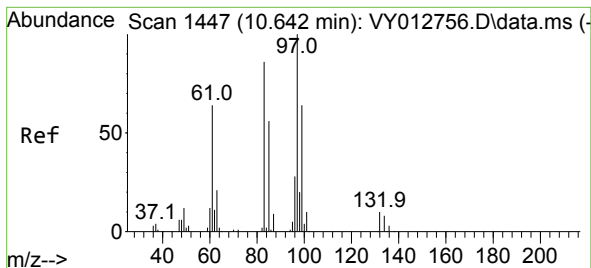
Tgt Ion: 75 Resp: 36851
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 22.419 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY012987.D
 Acq: 17 Mar 2023 15:24

Tgt Ion: 75 Resp: 42437
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.4 38.0
 39 53.7 39.0 58.4

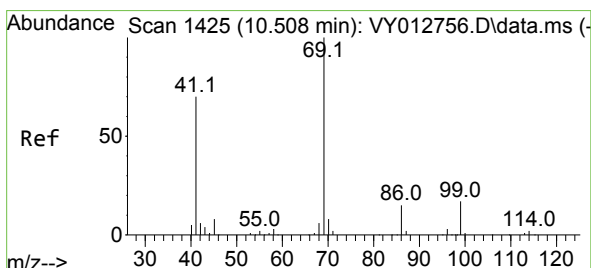
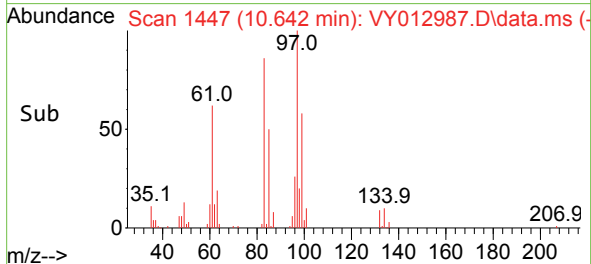
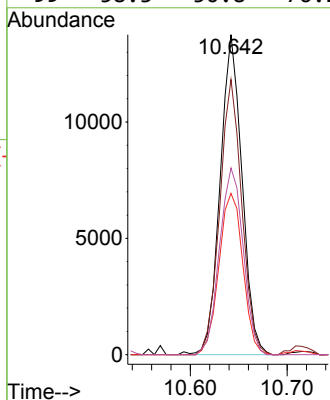
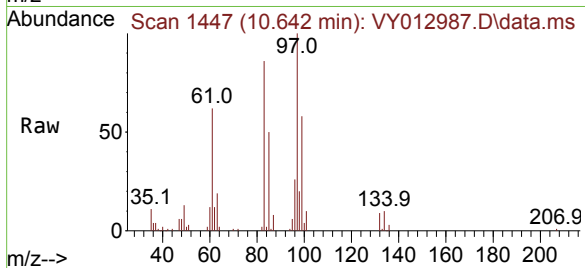




#55
1,1,2-Trichloroethane
Concen: 22.916 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

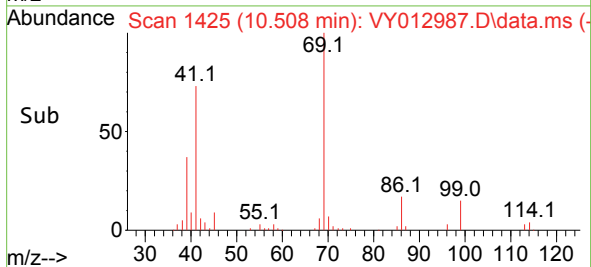
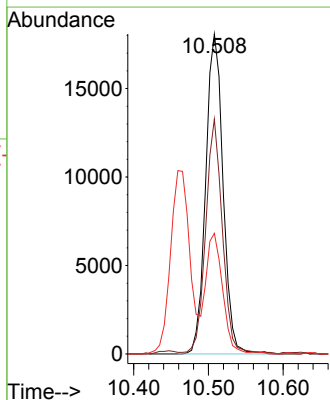
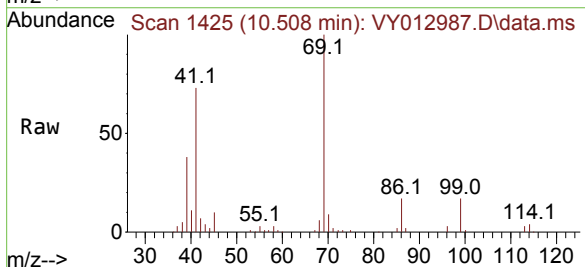
Instrument :
MSVOA_Y
ClientSampleId :

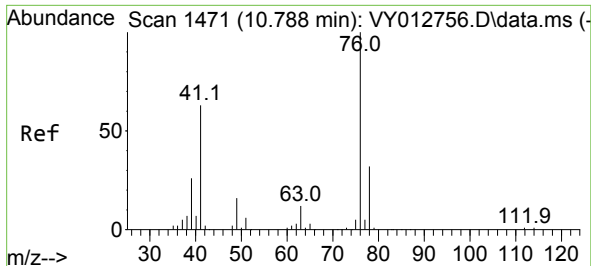
Tgt Ion:	97	Resp:	21593
Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.0	103.6
85	50.4	44.9	67.3
99	58.3	50.8	76.2



#56
Ethyl methacrylate
Concen: 23.181 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Tgt Ion:	69	Resp:	29125
Ion	Ratio	Lower	Upper
69	100		
41	71.3	56.4	84.6
39	34.5	30.8	46.2

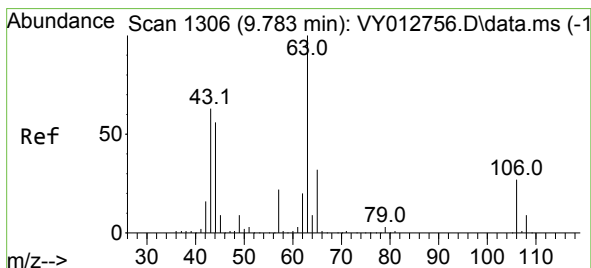
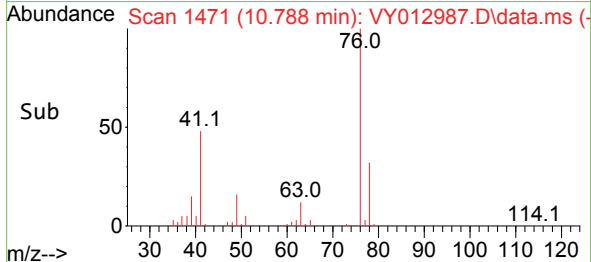
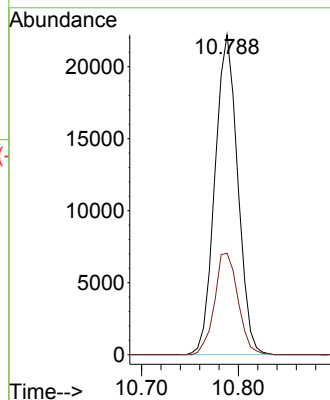
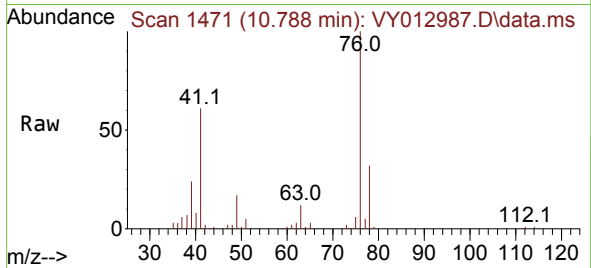




#57
1,3-Dichloropropane
Concen: 22.612 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

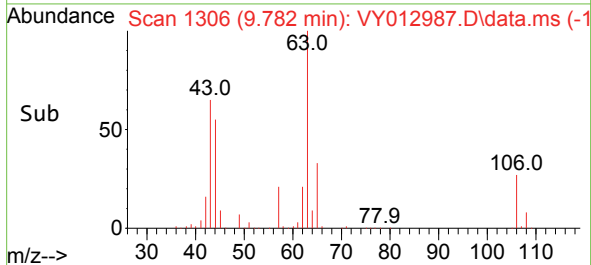
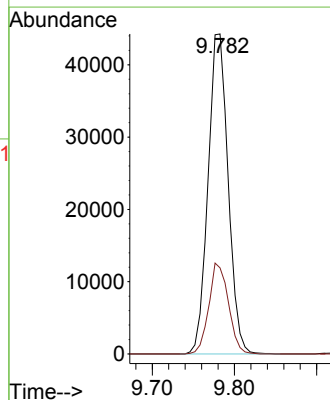
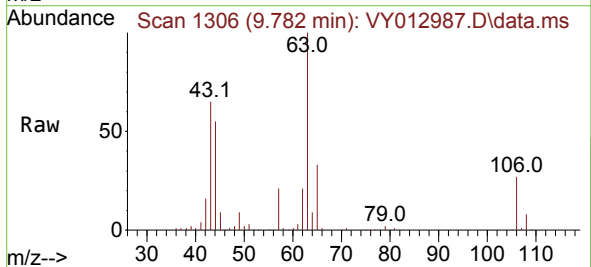
Instrument :
MSVOA_Y
ClientSampleId :

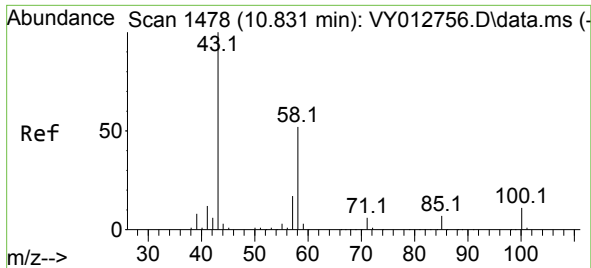
Tgt Ion: 76 Resp: 36290
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 113.940 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Tgt Ion: 63 Resp: 75150
Ion Ratio Lower Upper
63 100
106 27.7 22.1 33.1

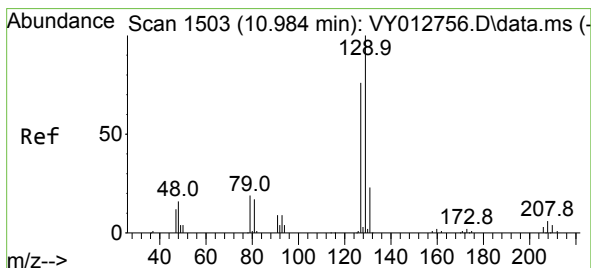
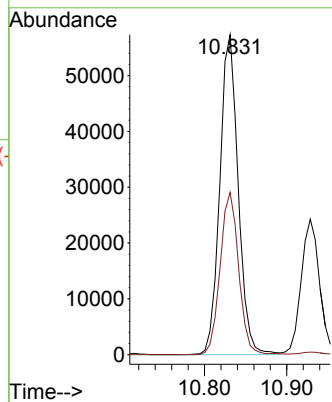
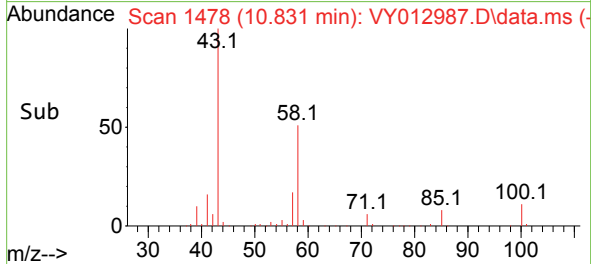
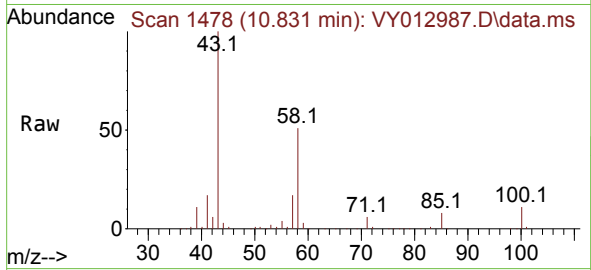




#59
2-Hexanone
Concen: 121.016 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

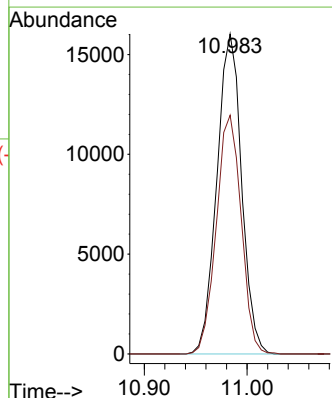
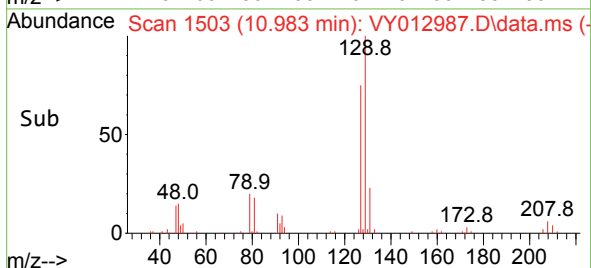
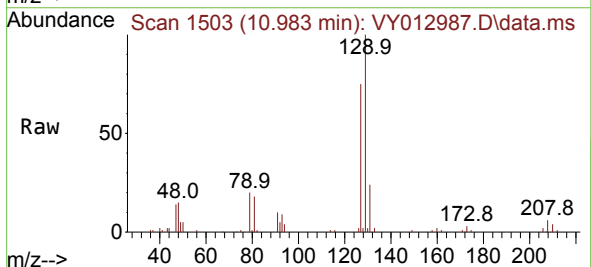
Instrument :
MSVOA_Y
ClientSampleId :

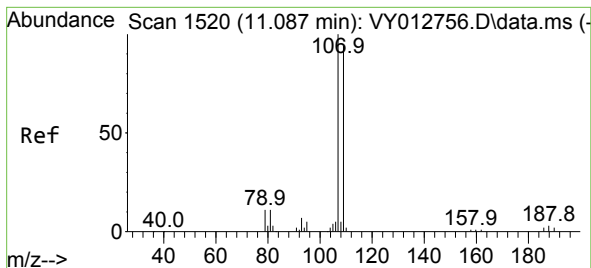
Tgt Ion: 43 Resp: 89124
Ion Ratio Lower Upper
43 100
58 51.1 25.9 77.8



#60
Dibromochloromethane
Concen: 23.350 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Tgt Ion: 129 Resp: 26782
Ion Ratio Lower Upper
129 100
127 74.8 38.7 116.1





#61

1,2-Dibromoethane

Concen: 22.981 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

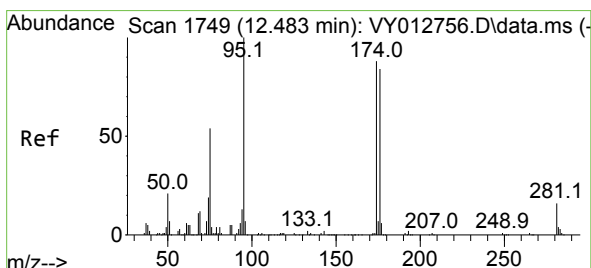
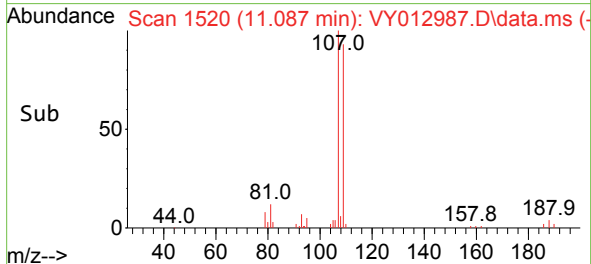
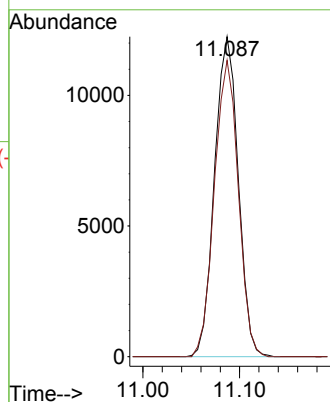
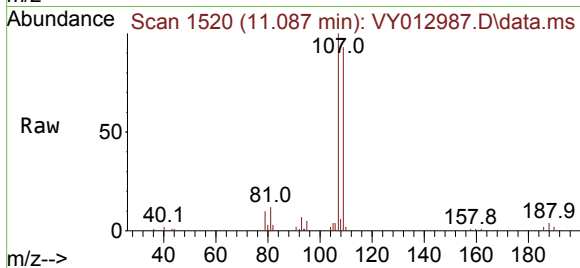
ClientSampleId :

Tgt Ion:107 Resp: 20859

Ion Ratio Lower Upper

107 100

109 93.4 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 48.430 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

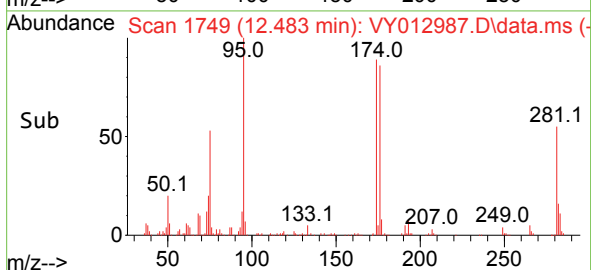
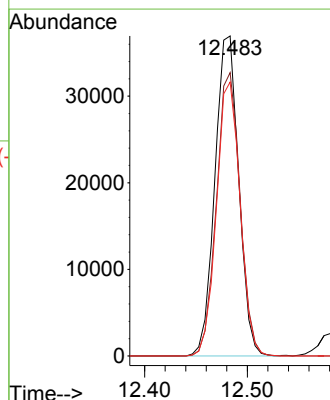
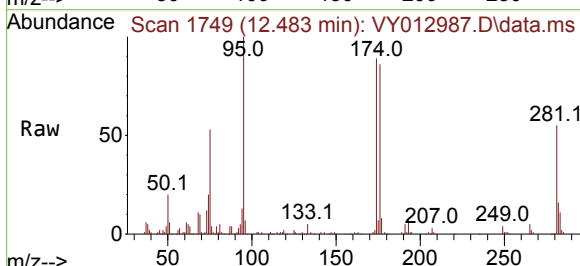
Tgt Ion: 95 Resp: 59241

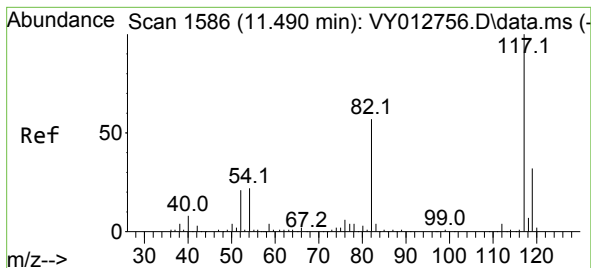
Ion Ratio Lower Upper

95 100

174 88.3 0.0 176.6

176 85.2 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

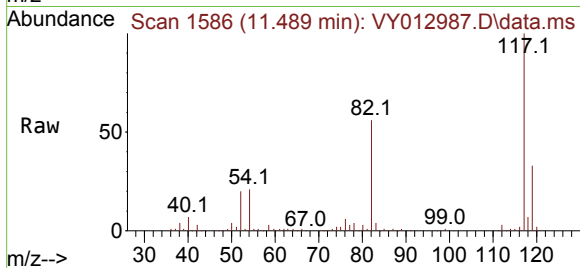
Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :



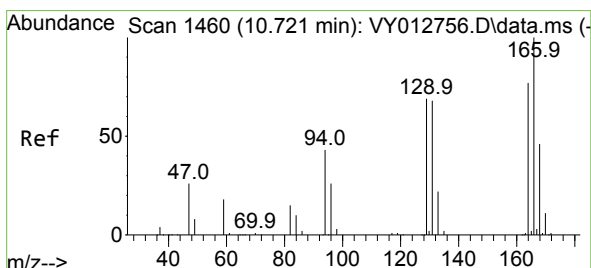
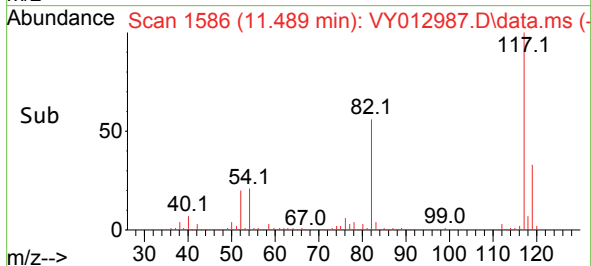
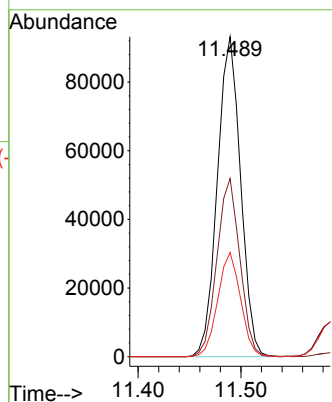
Tgt Ion:117 Resp: 146163

Ion Ratio Lower Upper

117 100

82 55.7 45.4 68.0

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: 22.285 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Tgt Ion:164 Resp: 23715

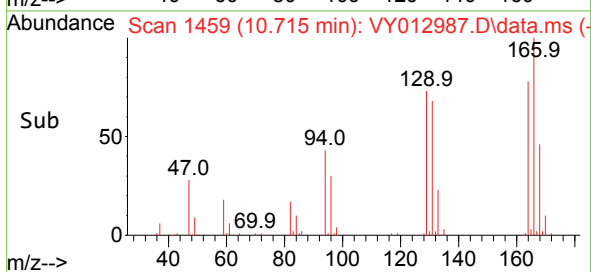
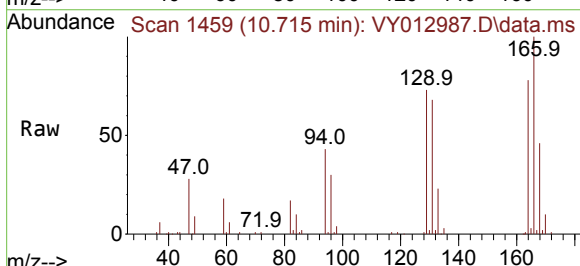
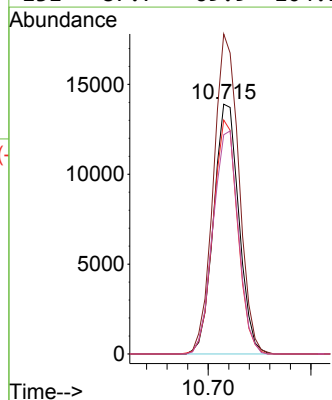
Ion Ratio Lower Upper

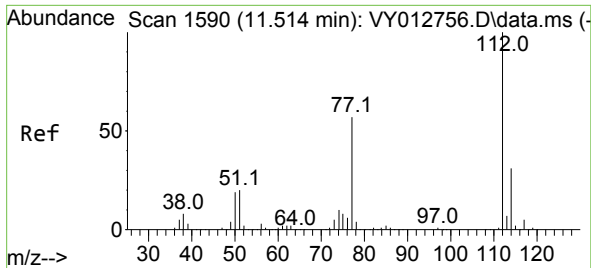
164 100

166 128.1 103.4 155.2

129 93.6 71.4 107.2

131 87.7 69.9 104.9

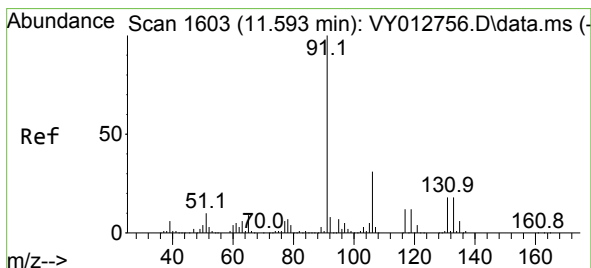
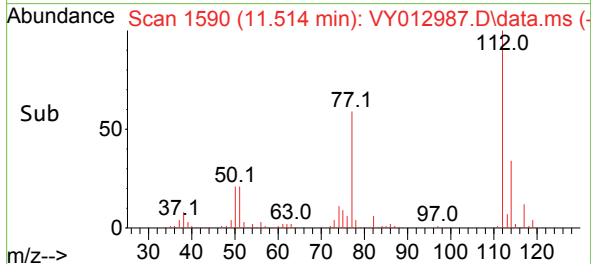
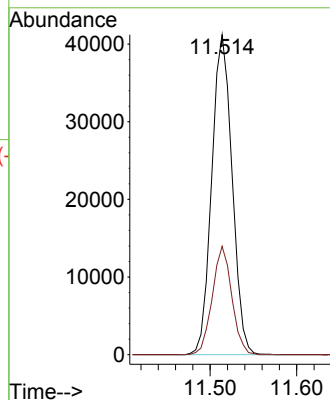
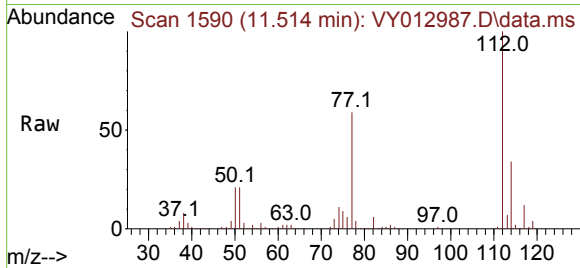




#65
Chlorobenzene
Concen: 21.935 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

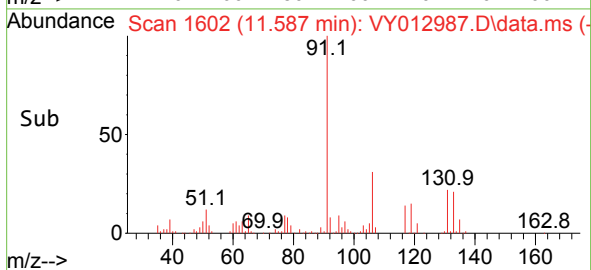
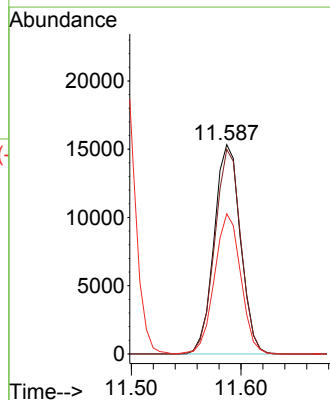
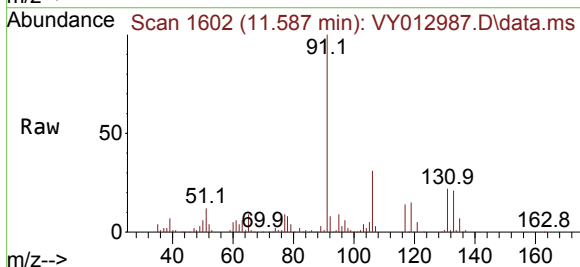
Instrument :
MSVOA_Y
ClientSampleId :

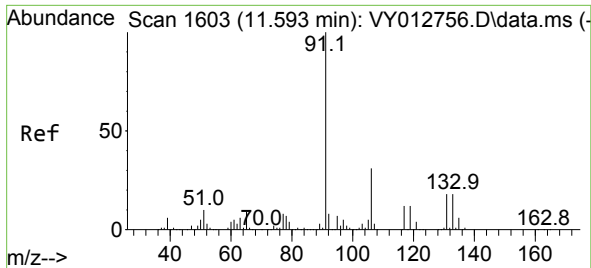
Tgt Ion:112 Resp: 67287
Ion Ratio Lower Upper
112 100
114 33.9 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 22.623 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Tgt Ion:131 Resp: 25680
Ion Ratio Lower Upper
131 100
133 96.6 48.0 144.0
119 66.7 32.6 98.0

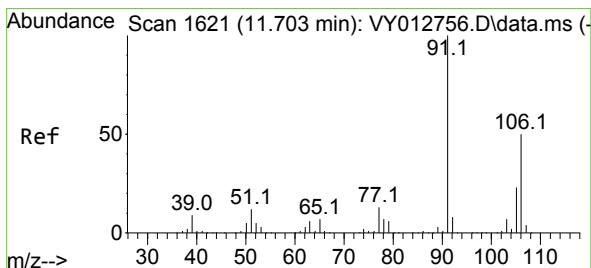
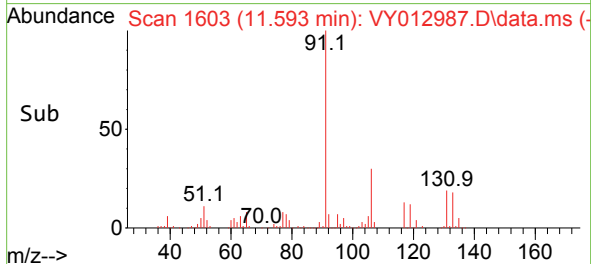
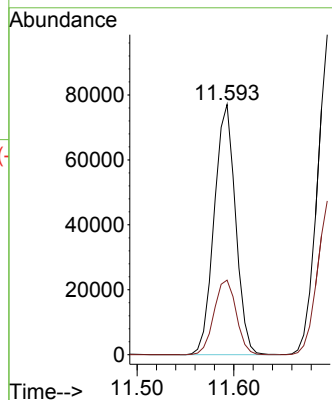
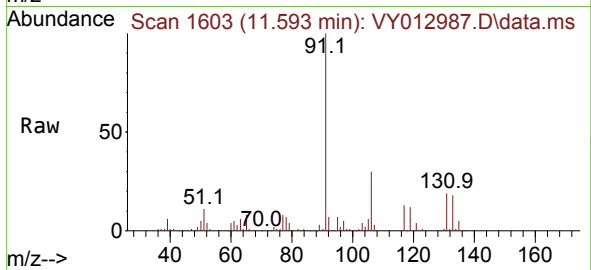




#67
Ethyl Benzene
Concen: 21.859 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

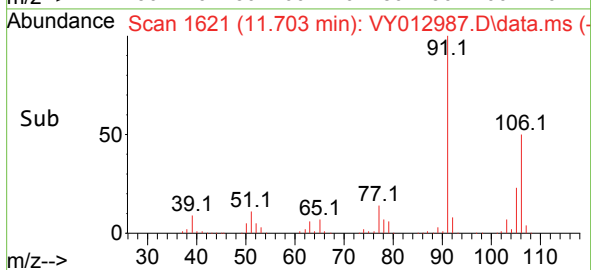
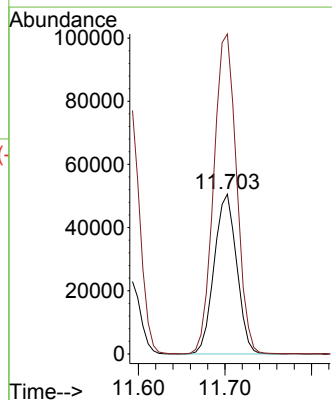
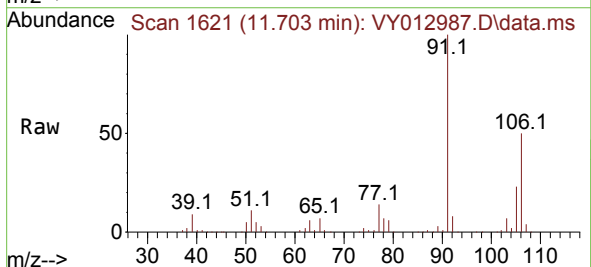
Instrument :
MSVOA_Y
ClientSampleId :

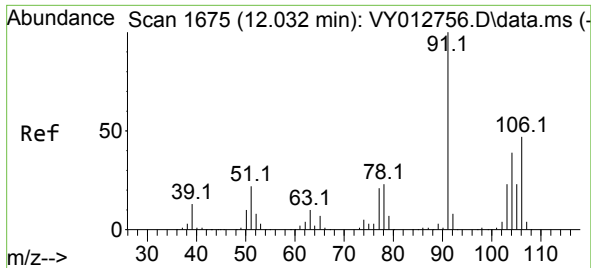
Tgt Ion: 91 Resp: 117895
Ion Ratio Lower Upper
91 100
106 29.8 25.1 37.7



#68
m/p-Xylenes
Concen: 44.060 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Tgt Ion:106 Resp: 91415
Ion Ratio Lower Upper
106 100
91 203.0 159.8 239.8

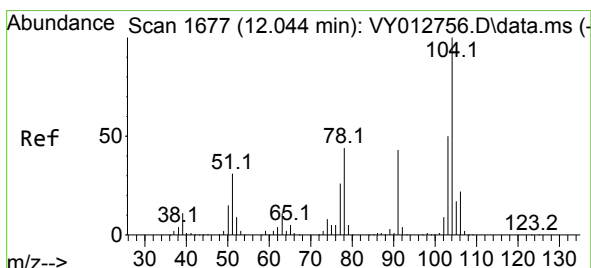
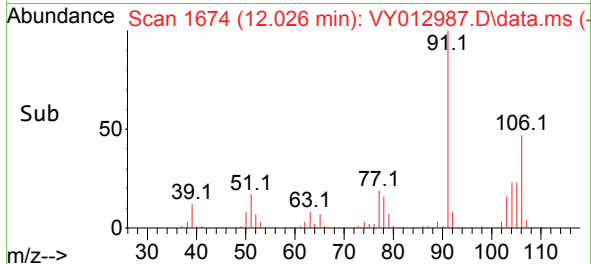
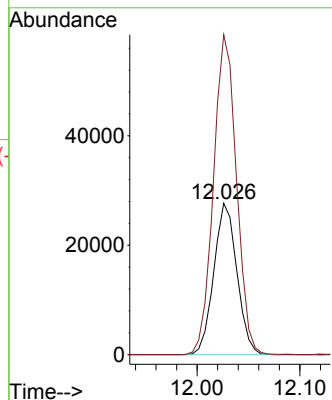
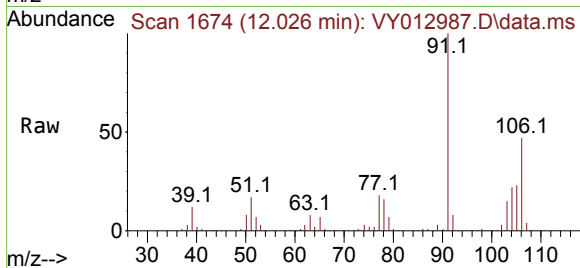




#69
o-Xylene
Concen: 22.303 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

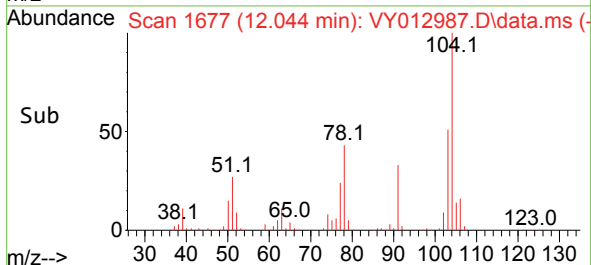
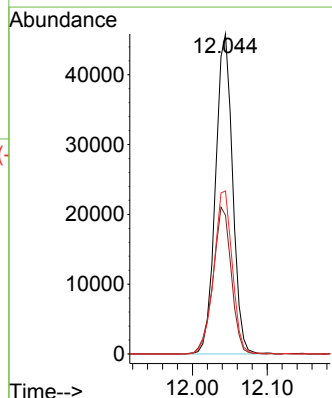
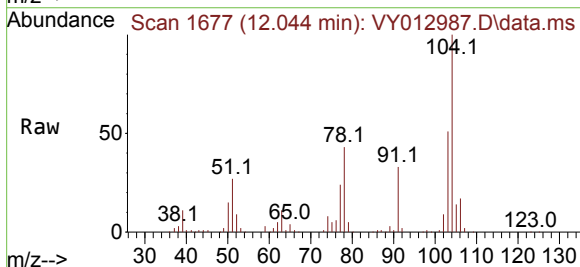
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 43187
Ion Ratio Lower Upper
106 100
91 210.8 107.2 321.6



#70
Styrene
Concen: 22.549 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Tgt Ion:104 Resp: 72865
Ion Ratio Lower Upper
104 100
78 49.1 39.2 58.8
103 54.9 43.7 65.5





#71

Bromoform

Concen: 23.217 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012987.D

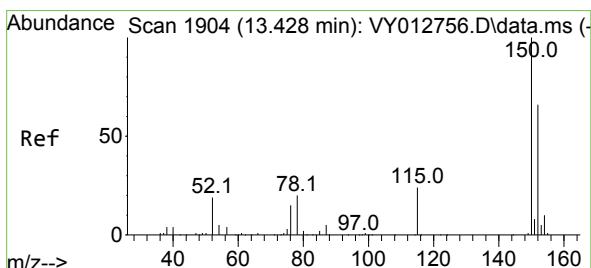
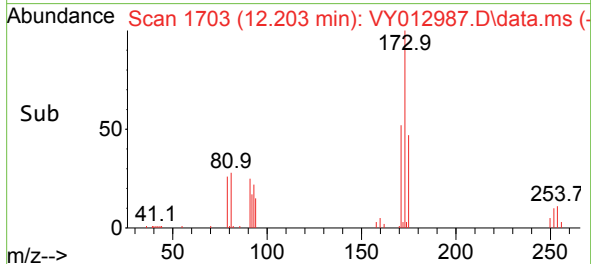
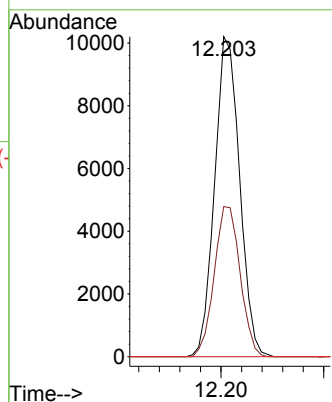
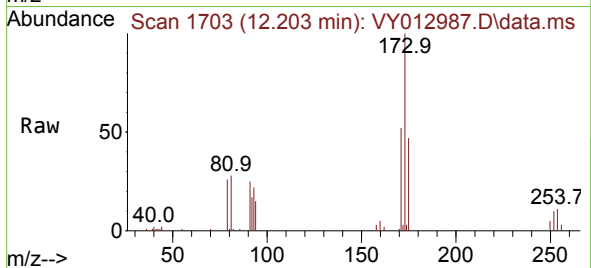
Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	17183
Ion Ratio	Lower	Upper
173	100	
175	48.6	25.0 75.0
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

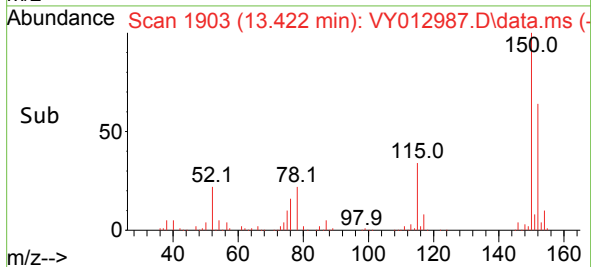
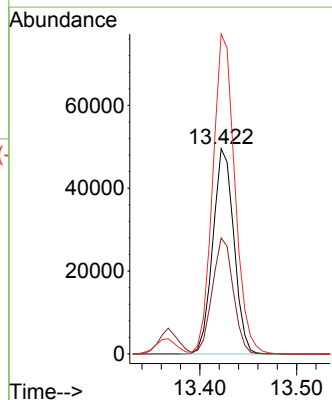
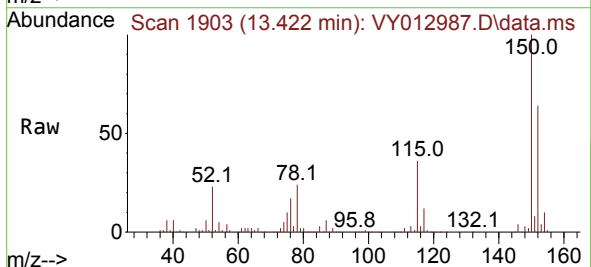
RT: 13.422 min Scan# 1903

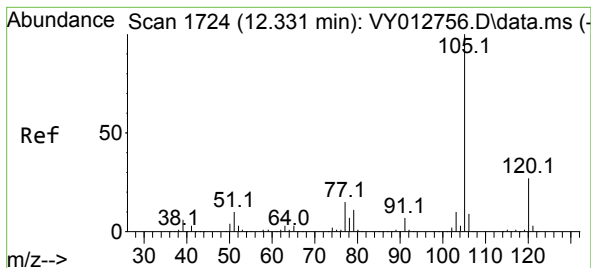
Delta R.T. -0.006 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Tgt Ion:152	Resp:	74748
Ion Ratio	Lower	Upper
152	100	
115	56.2	27.1 81.3
150	163.7	0.0 347.8





#73

Isopropylbenzene

Concen: 21.598 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

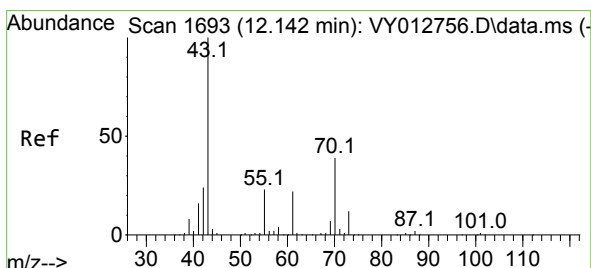
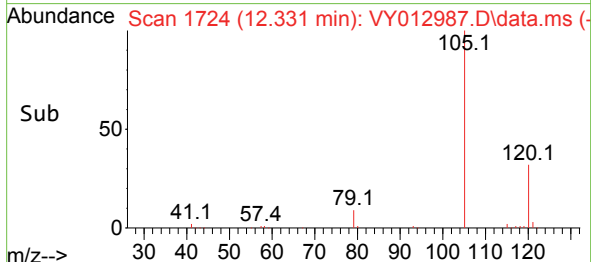
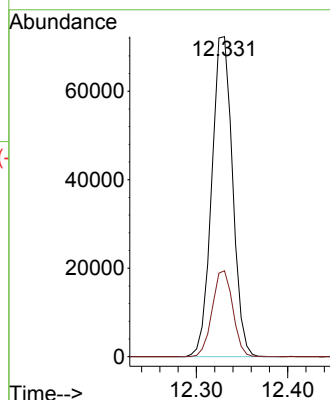
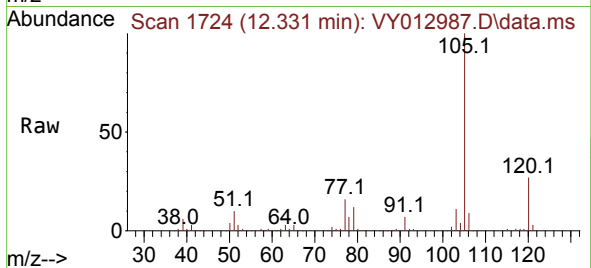
ClientSampleId :

Tgt Ion:105 Resp: 114416

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 22.305 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Tgt Ion: 43 Resp: 37178

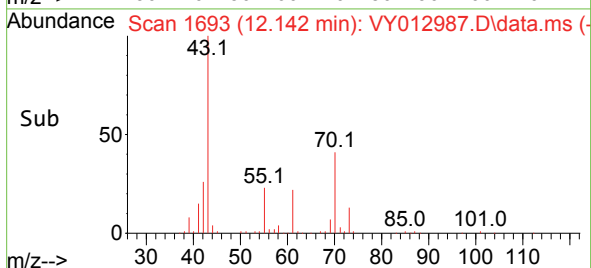
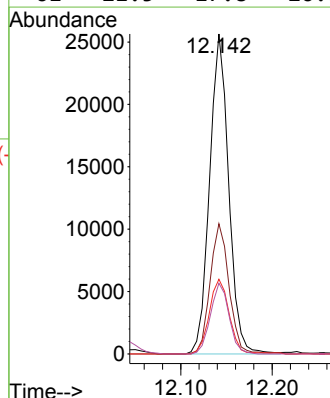
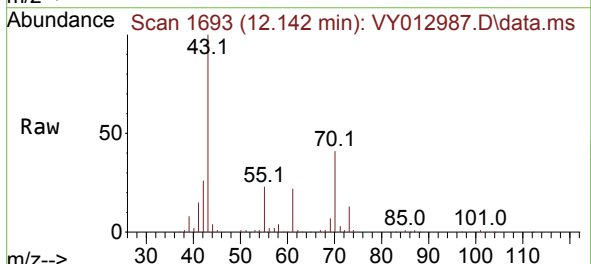
Ion Ratio Lower Upper

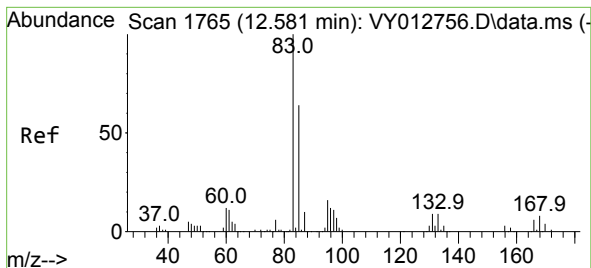
43 100

70 40.2 31.6 47.4

55 24.5 18.8 28.2

61 21.5 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.900 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

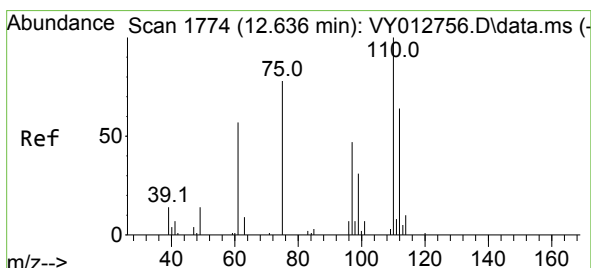
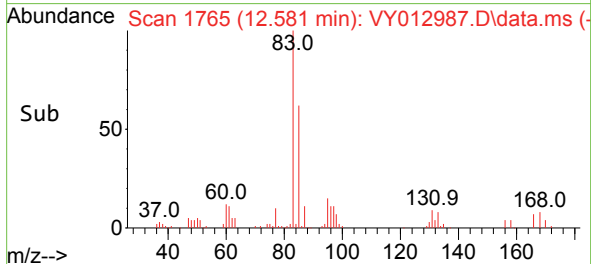
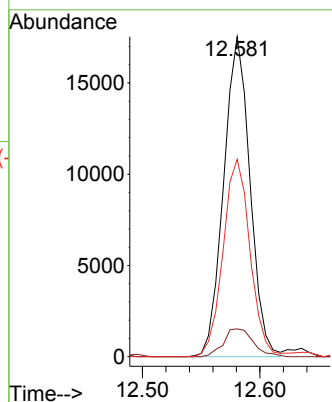
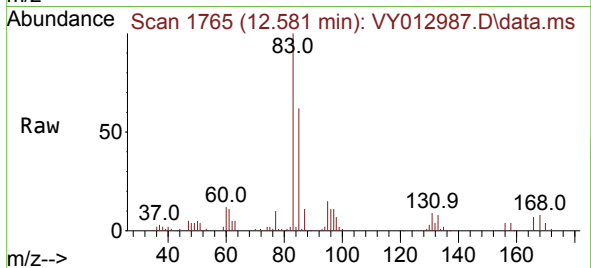
Tgt Ion: 83 Resp: 27270

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

85 63.3 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 39.460 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012987.D

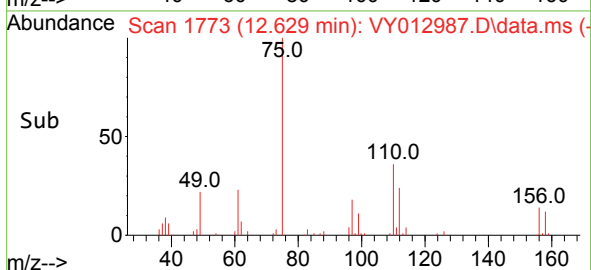
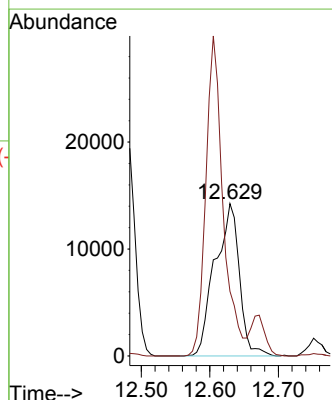
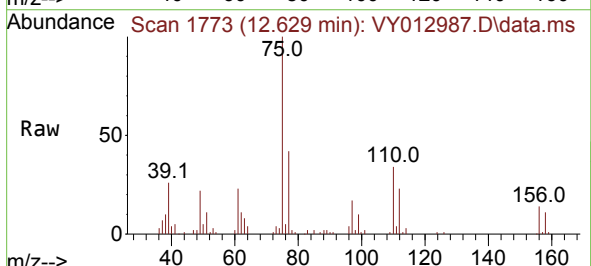
Acq: 17 Mar 2023 15:24

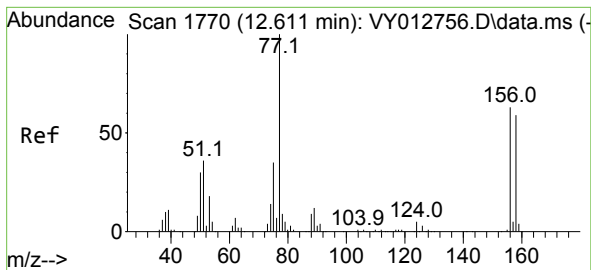
Tgt Ion: 75 Resp: 35222

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.676 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

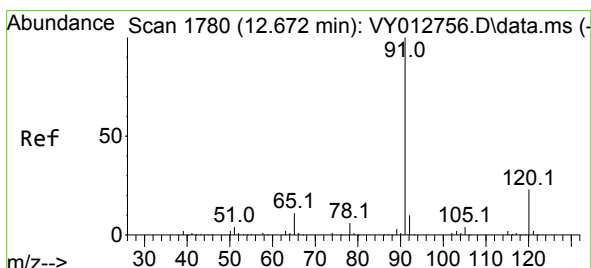
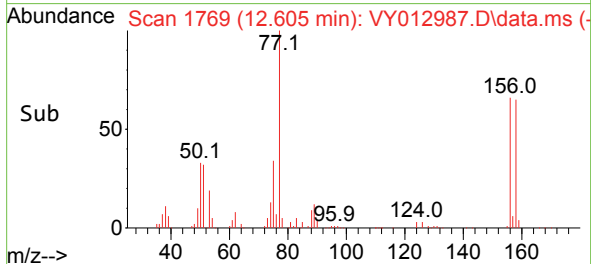
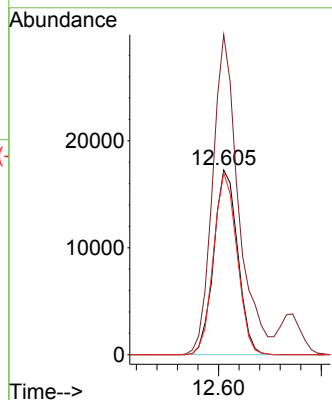
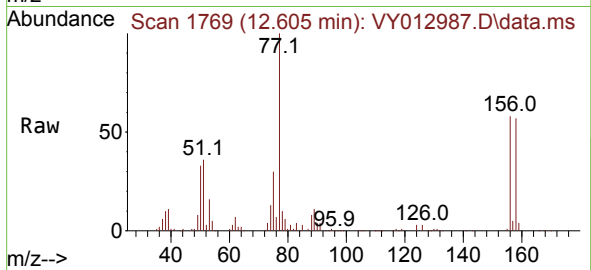
Tgt Ion:156 Resp: 27895

Ion Ratio Lower Upper

156 100

77 188.9 94.0 282.1

158 96.3 48.1 144.4



#78

n-propylbenzene

Concen: 21.784 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012987.D

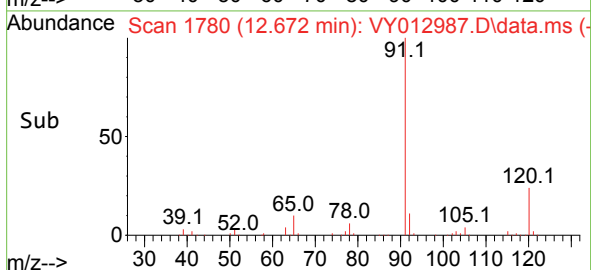
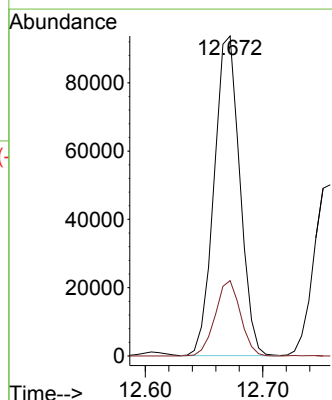
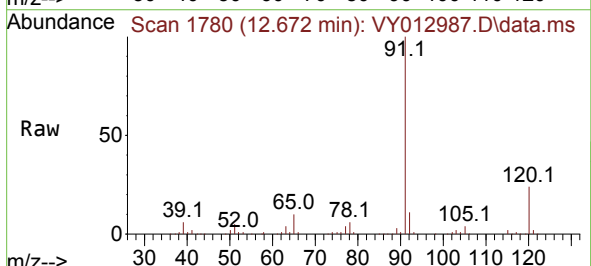
Acq: 17 Mar 2023 15:24

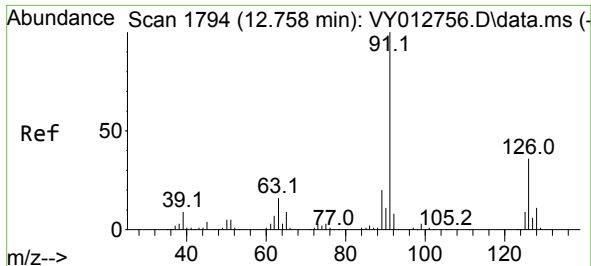
Tgt Ion: 91 Resp: 142273

Ion Ratio Lower Upper

91 100

120 23.1 11.6 34.8

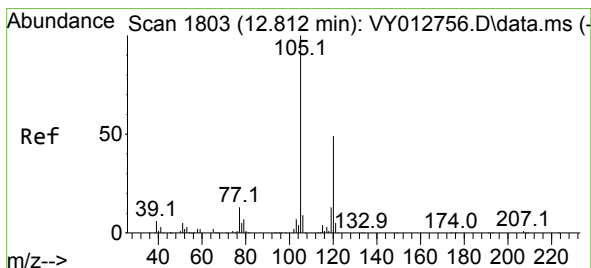
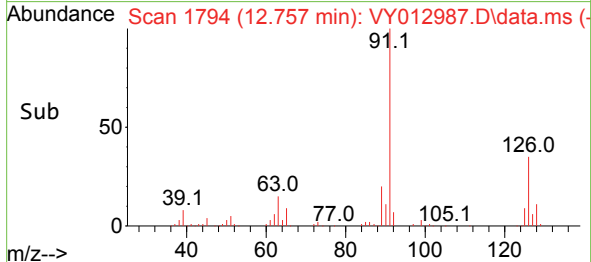
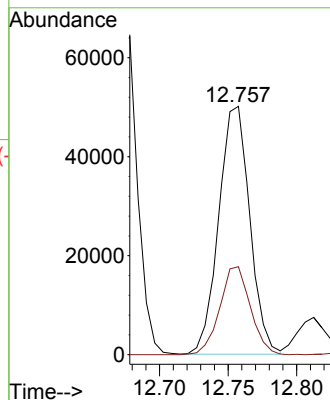
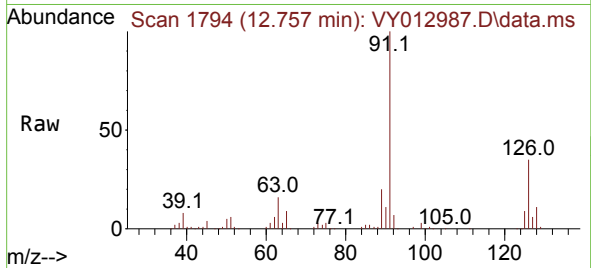




#79
2-Chlorotoluene
Concen: 21.761 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

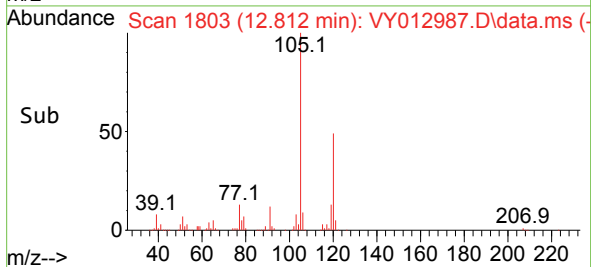
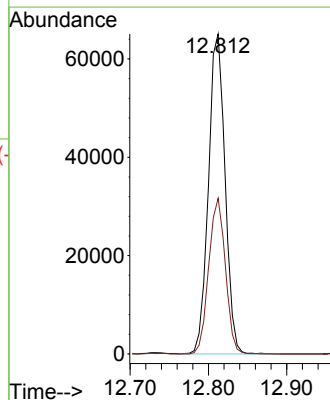
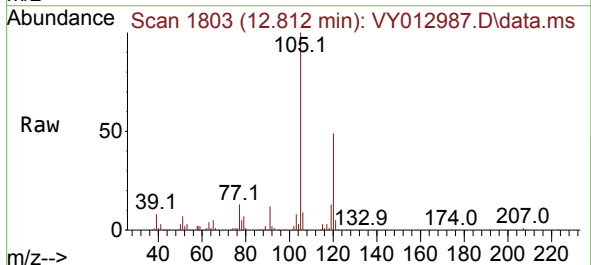
Instrument :
MSVOA_Y
ClientSampleId :

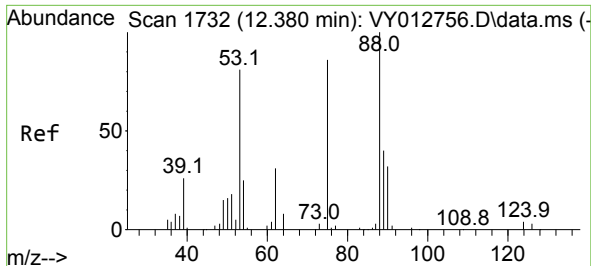
Tgt Ion: 91 Resp: 78989
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 21.868 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

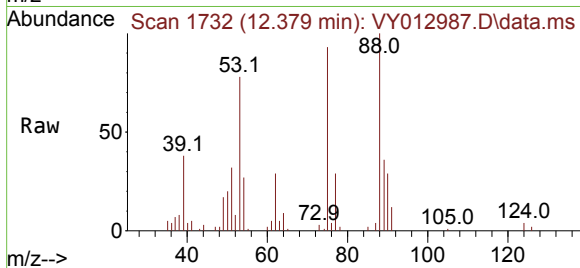
Tgt Ion:105 Resp: 95602
Ion Ratio Lower Upper
105 100
120 48.8 24.8 74.4



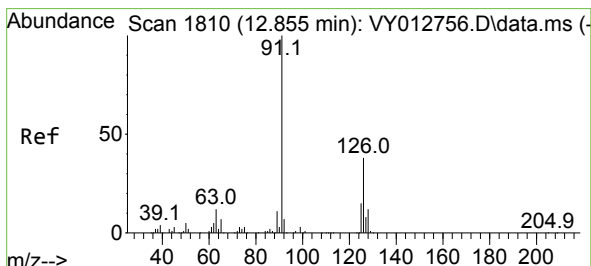
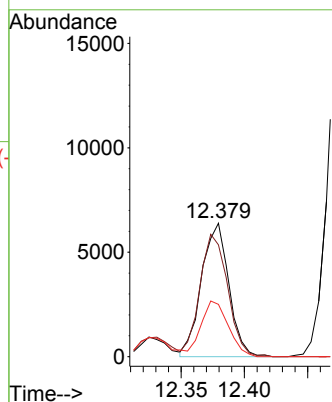
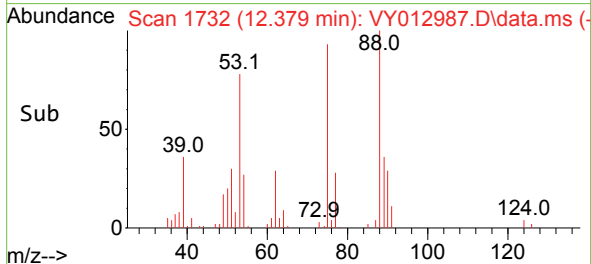


#81
trans-1,4-Dichloro-2-butene
Concen: 22.357 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

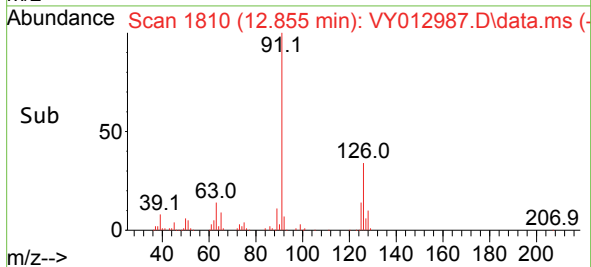
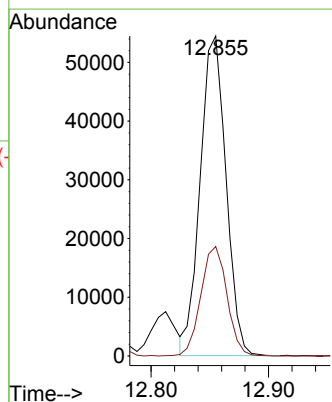
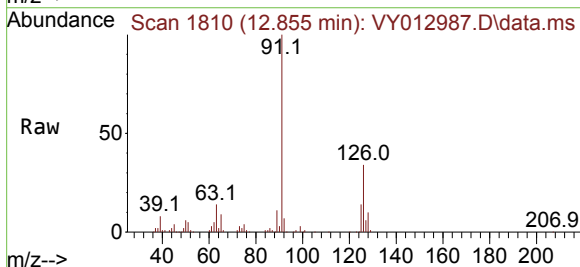


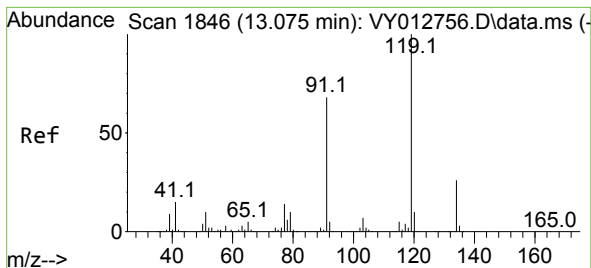
Tgt Ion:	75	Resp:	9631
Ion	Ratio	Lower	Upper
75	100		
53	93.5	73.4	110.0
89	41.1	36.6	55.0



#82
4-Chlorotoluene
Concen: 22.120 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Tgt Ion:	91	Resp:	83117
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.7	53.1





#83

tert-Butylbenzene

Concen: 22.111 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY012987.D

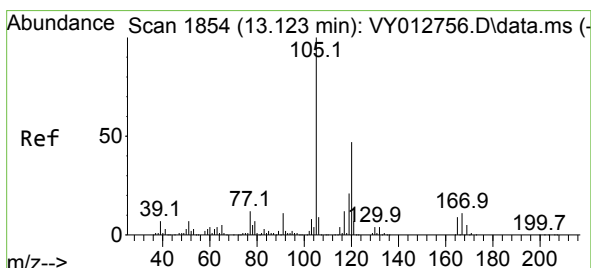
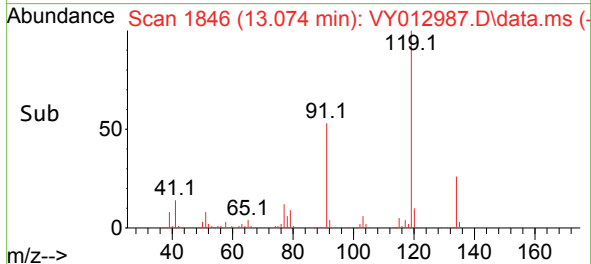
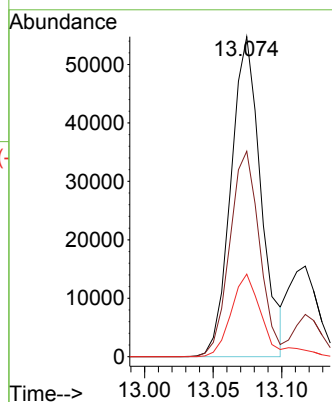
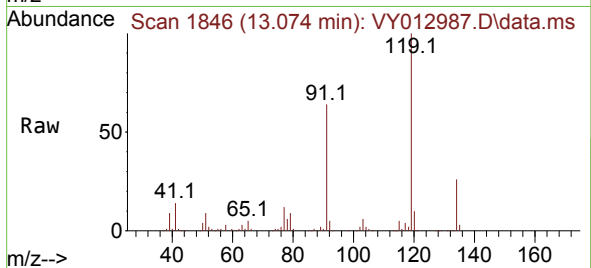
Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:119	Resp:	83432
Ion Ratio	Lower	Upper
119	100	
91	63.7	32.8 98.3
134	27.3	13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 22.007 ug/l

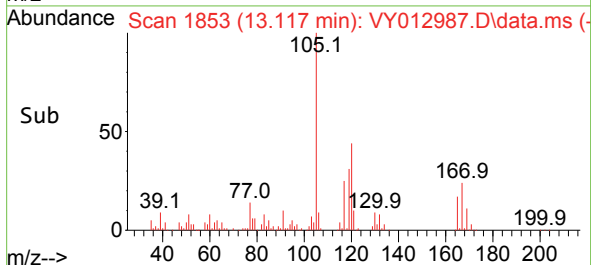
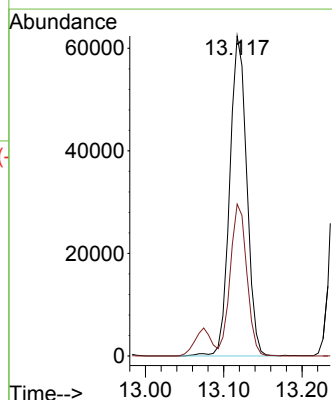
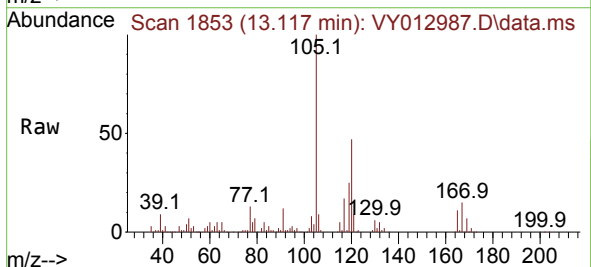
RT: 13.117 min Scan# 1853

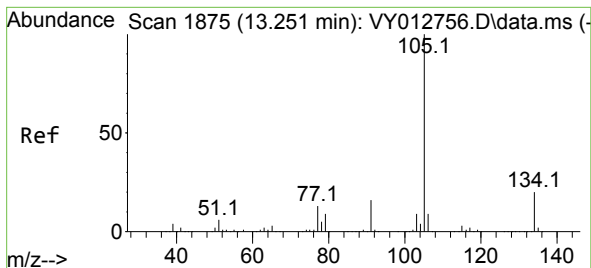
Delta R.T. -0.006 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Tgt Ion:105	Resp:	94078
Ion Ratio	Lower	Upper
105	100	
120	46.2	23.0 69.0





#85

sec-Butylbenzene

Concen: 21.810 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

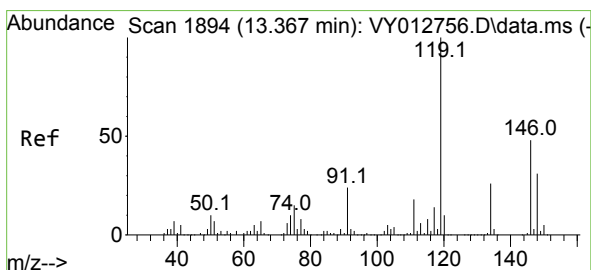
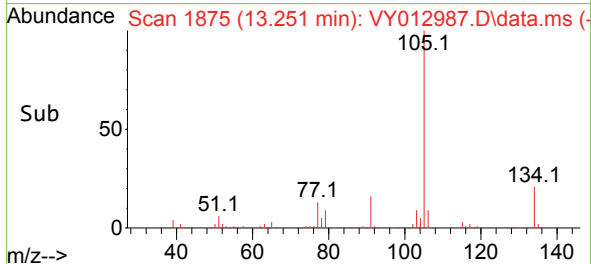
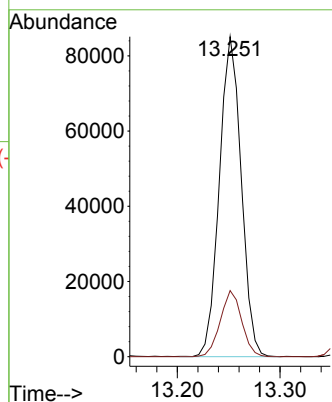
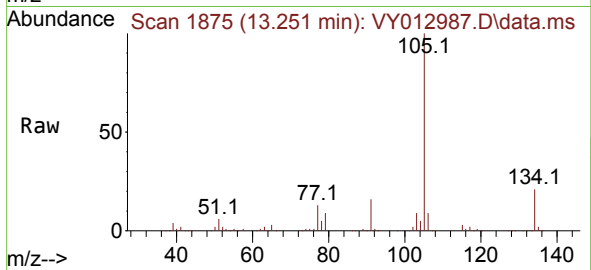
ClientSampleId :

Tgt Ion:105 Resp: 125552

Ion Ratio Lower Upper

105 100

134 20.2 10.4 31.1



#86

p-Isopropyltoluene

Concen: 22.073 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

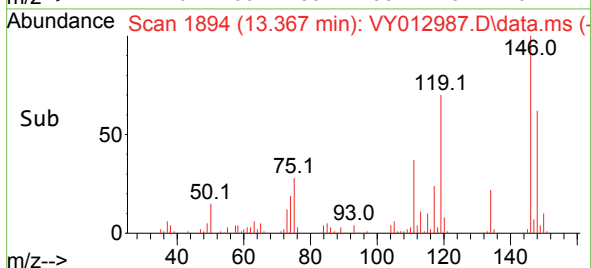
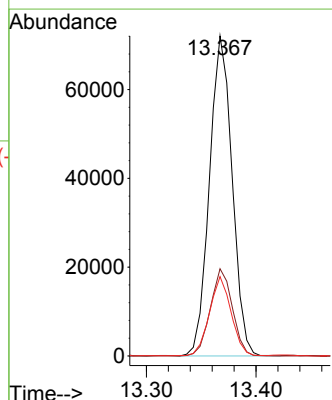
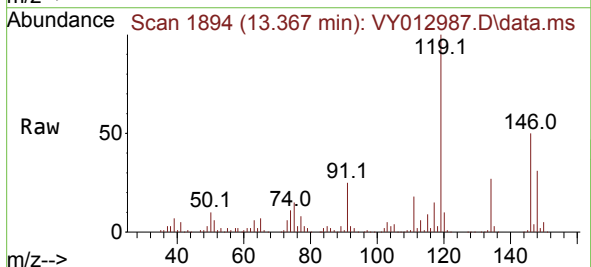
Tgt Ion:119 Resp: 103849

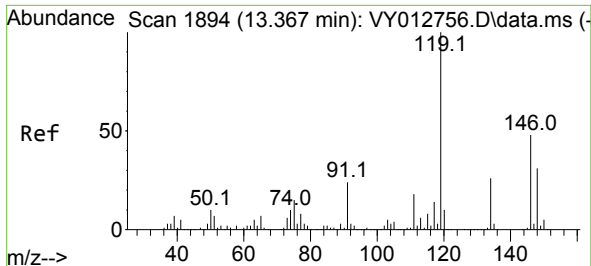
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 22.356 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

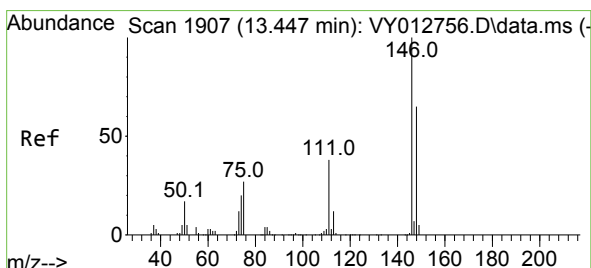
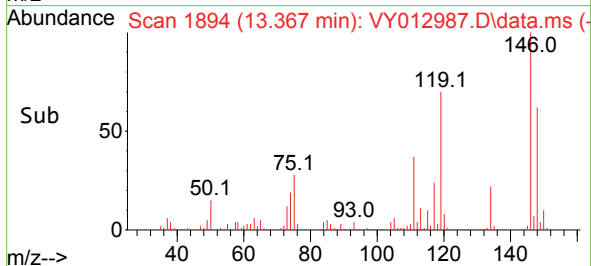
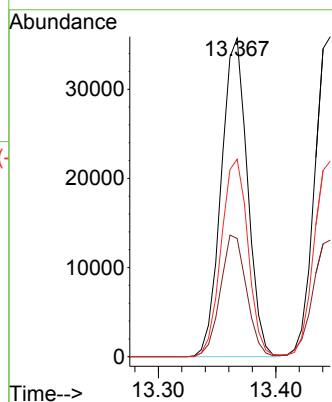
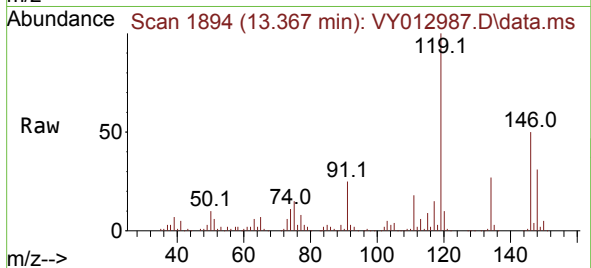
Tgt Ion:146 Resp: 55488

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.5

148 63.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 21.762 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

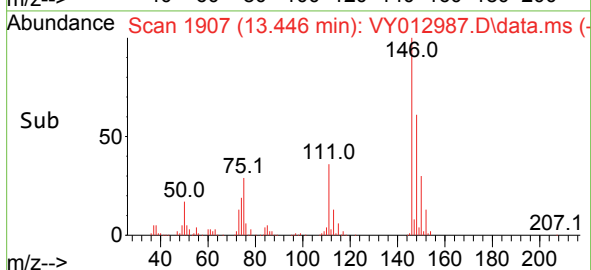
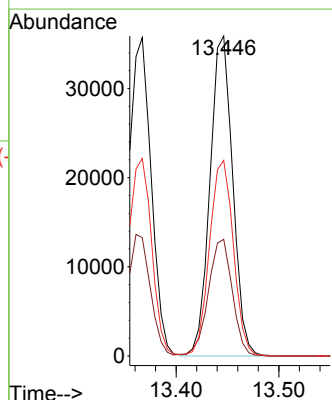
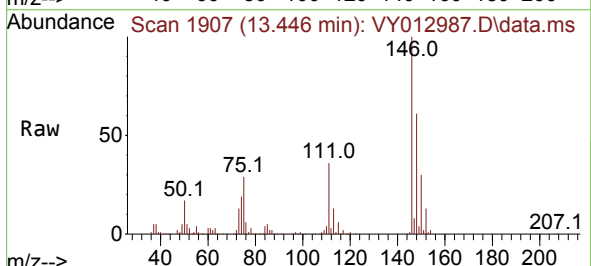
Tgt Ion:146 Resp: 55127

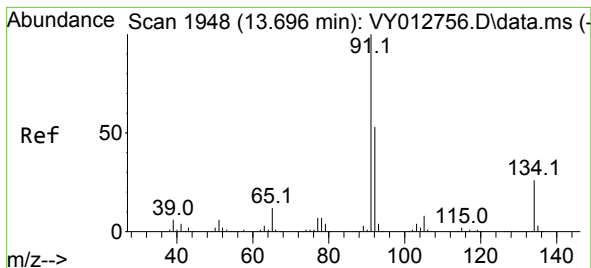
Ion Ratio Lower Upper

146 100

111 38.6 18.6 55.8

148 64.2 31.5 94.5

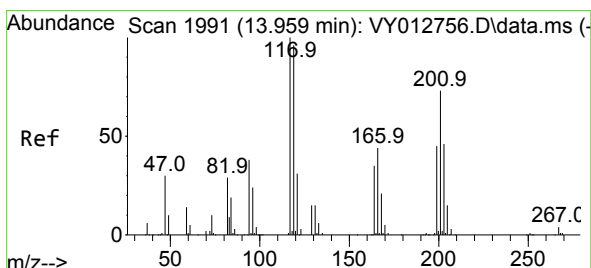
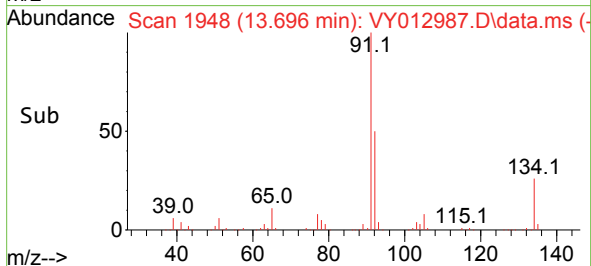
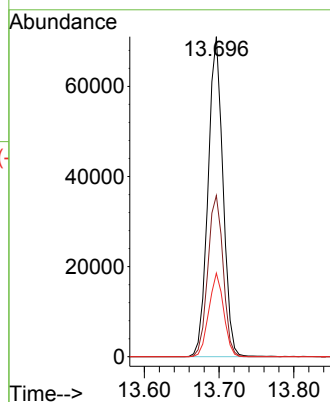
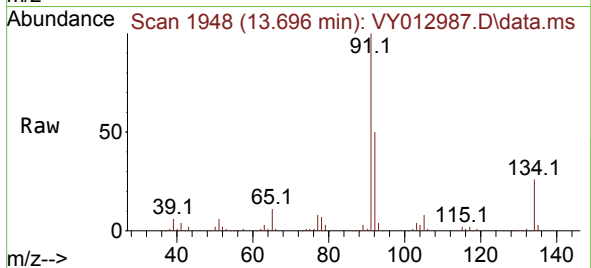




#89
n-Butylbenzene
Concen: 21.838 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

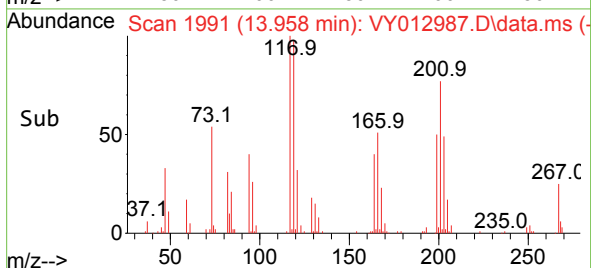
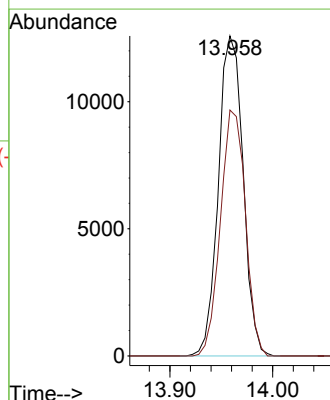
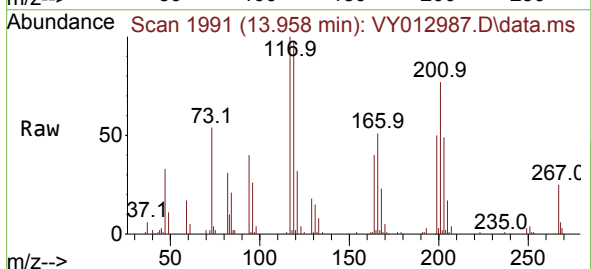
Instrument :
MSVOA_Y
ClientSampleId :

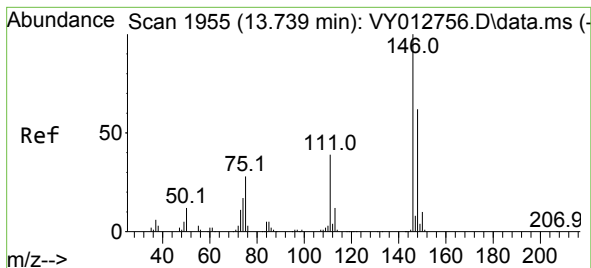
Tgt Ion: 91 Resp: 98355
Ion Ratio Lower Upper
91 100
92 51.5 26.4 79.0
134 26.0 13.0 38.9



#90
Hexachloroethane
Concen: 21.430 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Tgt Ion: 117 Resp: 20999
Ion Ratio Lower Upper
117 100
201 77.5 39.4 118.1

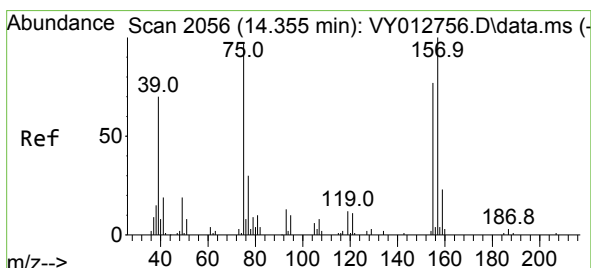
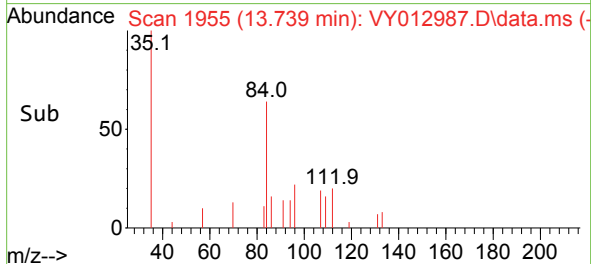
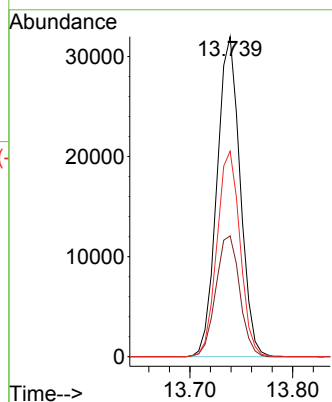
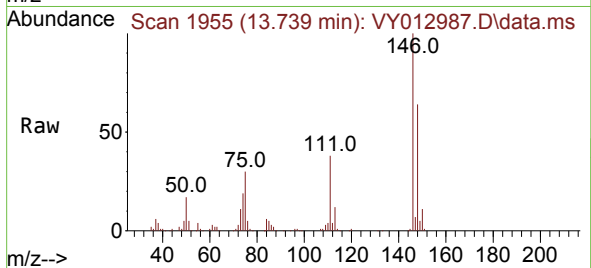




#91
1,2-Dichlorobenzene
Concen: 22.253 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

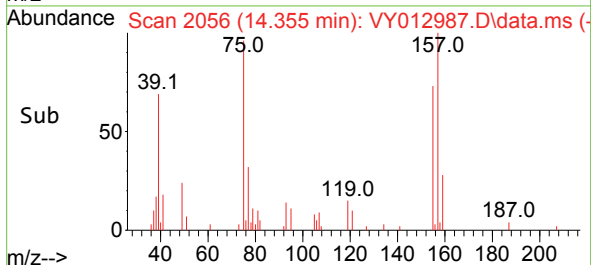
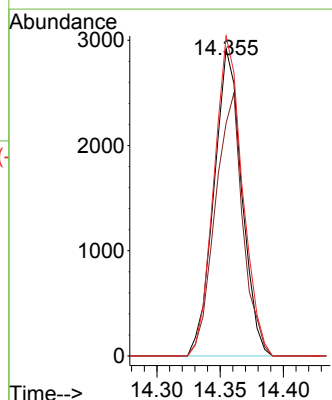
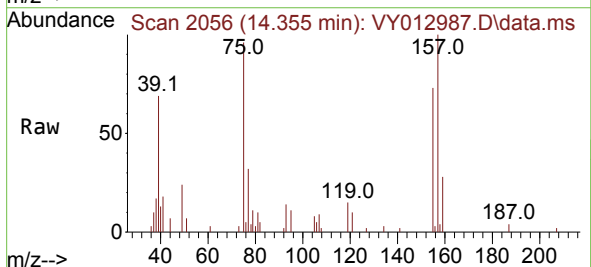
Instrument :
MSVOA_Y
ClientSampleId :

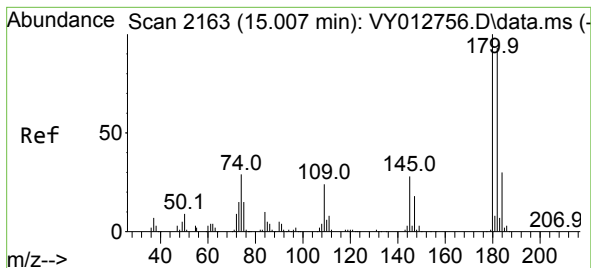
Tgt Ion:146 Resp: 49929
Ion Ratio Lower Upper
146 100
111 39.0 19.7 59.1
148 64.1 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.159 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012987.D
Acq: 17 Mar 2023 15:24

Tgt Ion: 75 Resp: 4457
Ion Ratio Lower Upper
75 100
155 85.2 43.8 131.4
157 106.3 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 21.493 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

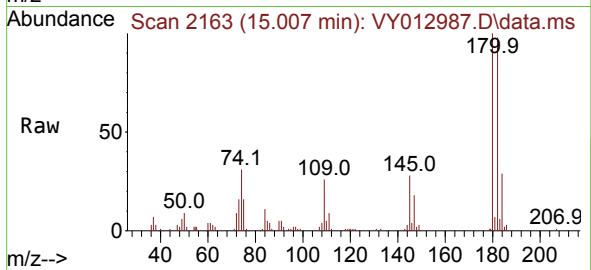
Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :



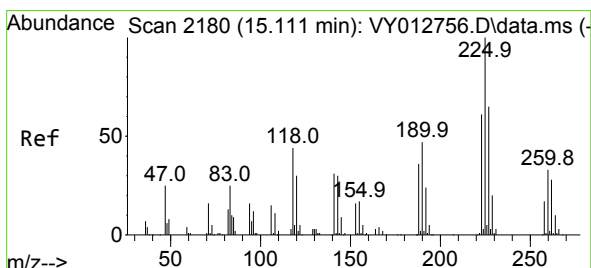
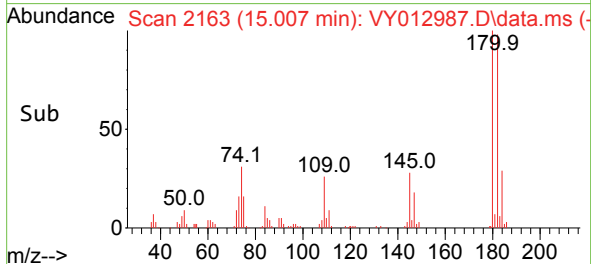
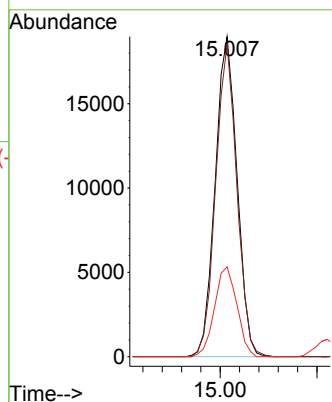
Tgt Ion:180 Resp: 29692

Ion Ratio Lower Upper

180 100

182 94.7 46.7 140.1

145 28.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 21.359 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

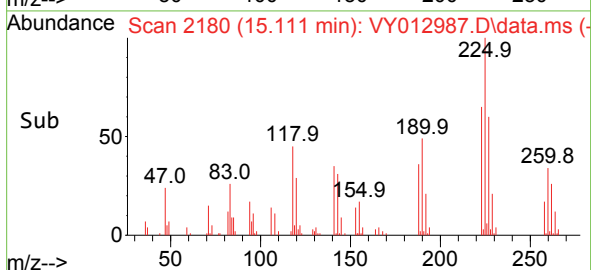
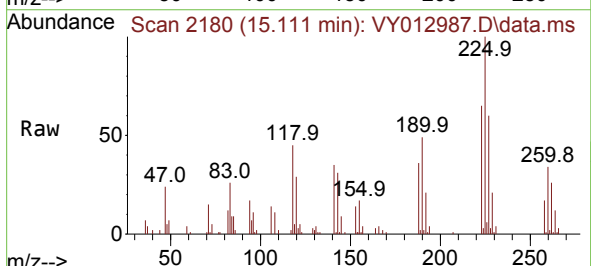
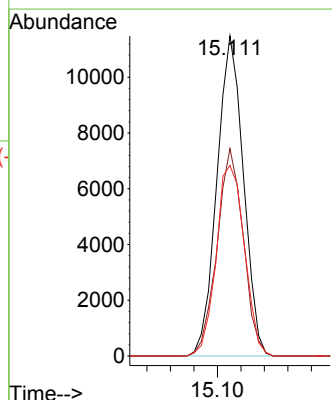
Tgt Ion:225 Resp: 17997

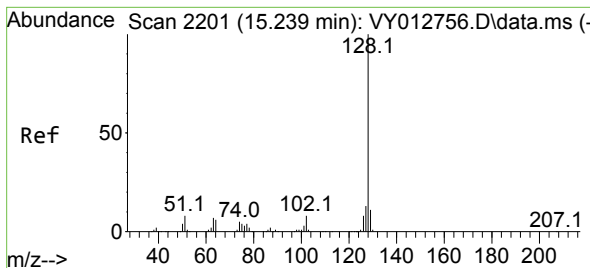
Ion Ratio Lower Upper

225 100

223 64.2 31.1 93.3

227 63.2 32.4 97.0





#95

Naphthalene

Concen: 21.249 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY012987.D

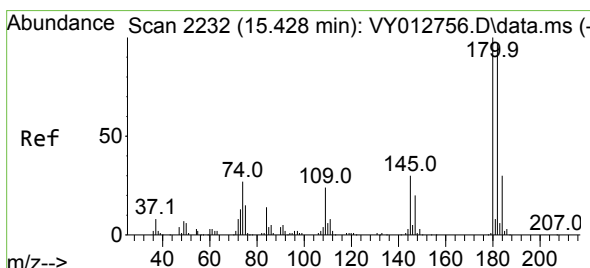
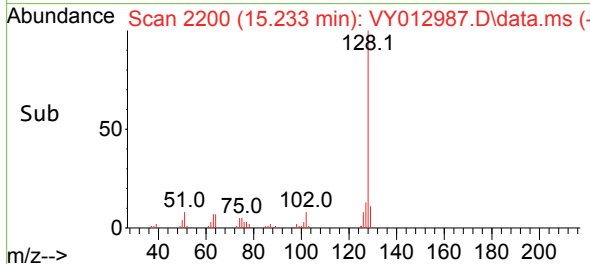
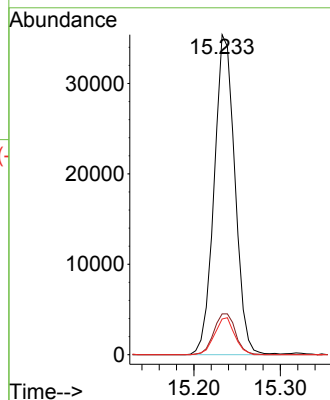
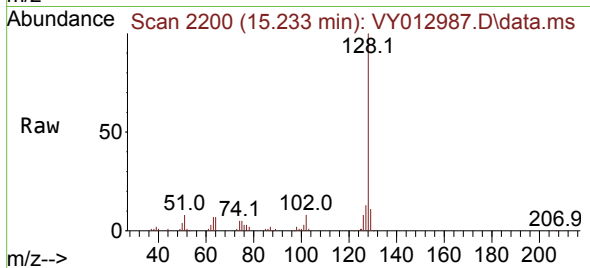
Acq: 17 Mar 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 58824
Ion Ratio	Lower Upper
128 100	
127 13.4	10.3 15.5
129 11.3	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.243 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY012987.D

Acq: 17 Mar 2023 15:24

Tgt Ion:180	Resp: 26100
Ion Ratio	Lower Upper
180 100	
182 96.6	47.4 142.3
145 32.2	15.3 45.8

