

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014863.D
 Acq On : 26 Jul 2023 20:36
 Operator : SY/MD
 Sample : 03686-07
 Misc : 4.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 27 01:13:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

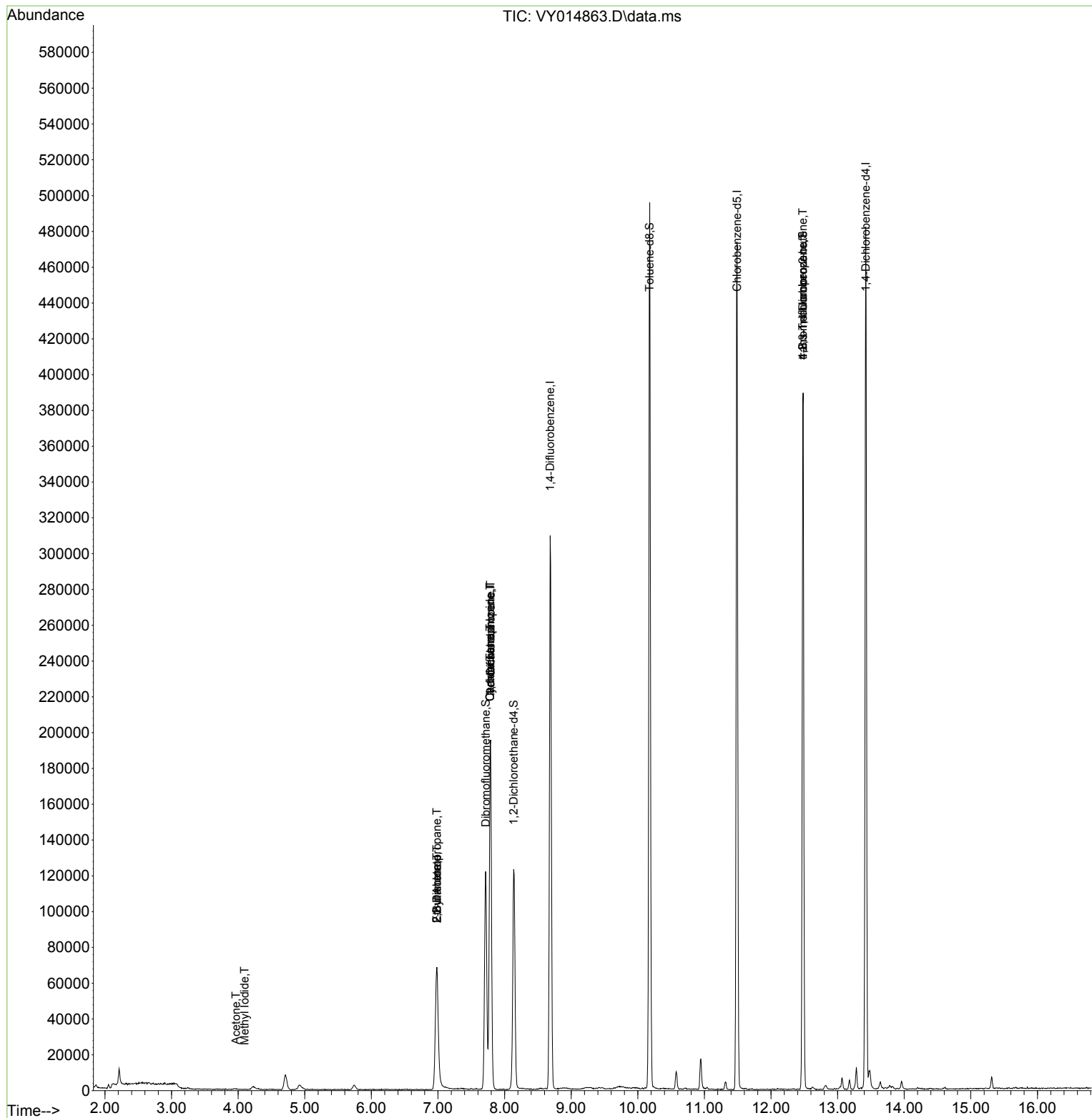
Internal Standards						
1) Pentafluorobenzene	7.789	168	151955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	265763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97091	56.071	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.140%	
35) Dibromofluoromethane	7.716	113	84947	50.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.420%	
50) Toluene-d8	10.179	98	318925	51.132	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.260%	
62) 4-Bromofluorobenzene	12.477	95	116788	48.833	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.660%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	54	2.400	ug/l #	38
11) Tert butyl alcohol	4.917	59	3110	Below Cal	#	89
16) Acetone	3.966	43	969	1.766	ug/l	96
20) Methylene Chloride	4.710	84	6170	Below Cal	#	85
25) 2-Butanone	6.984	43	4033	5.024	ug/l #	85
26) 2,2-Dichloropropane	6.984	77	5354	1.818	ug/l #	54
31) Cyclohexane	7.783	56	3395	1.181	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	12498	4.940	ug/l #	50
37) Ethyl Acetate	6.984	43	4033	2.315	ug/l #	1
38) Carbon Tetrachloride	7.783	117	14986	5.603	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	62708	40.753	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62708	78.905	ug/l #	10

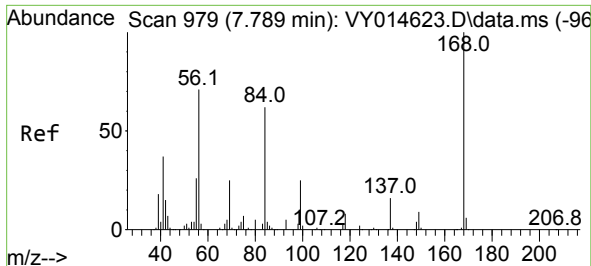
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
Data File : VY014863.D
Acq On : 26 Jul 2023 20:36
Operator : SY/MD
Sample : 03686-07
Misc : 4.13g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 27 01:13:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

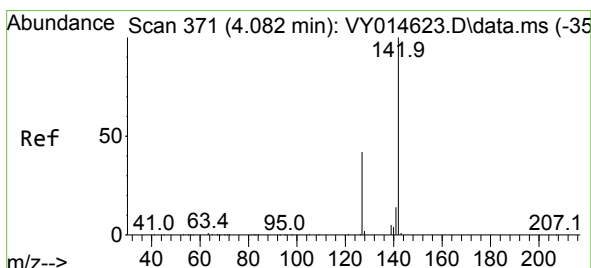
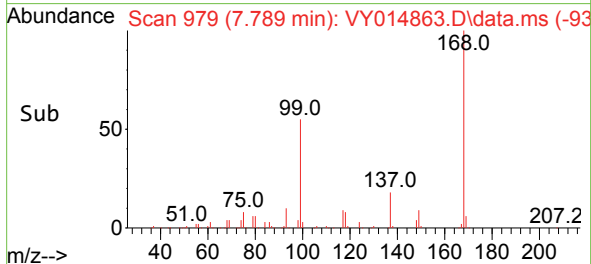
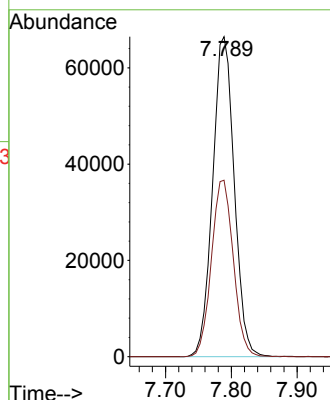
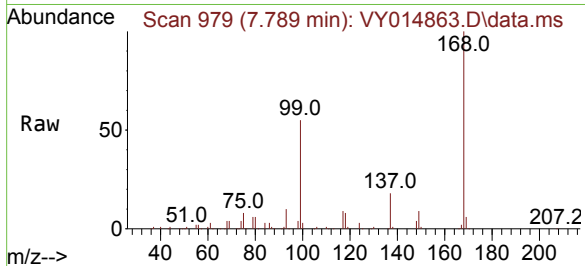




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014863.D
Acq: 26 Jul 2023 20:36

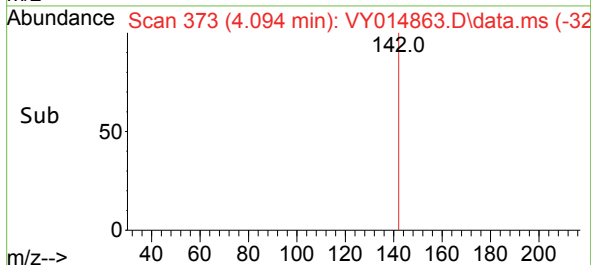
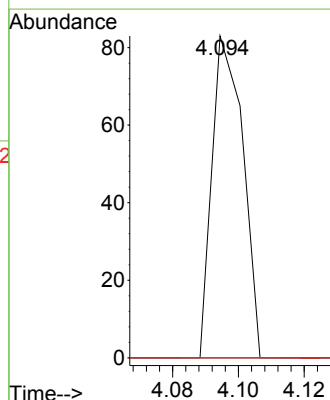
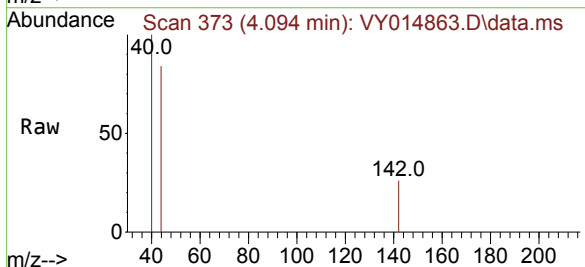
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 151955
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#10
Methyl Iodide
Concen: 2.400 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY014863.D
Acq: 26 Jul 2023 20:36

Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 1.766 ug/l

RT: 3.966 min Scan# 31

Delta R.T. 0.024 min

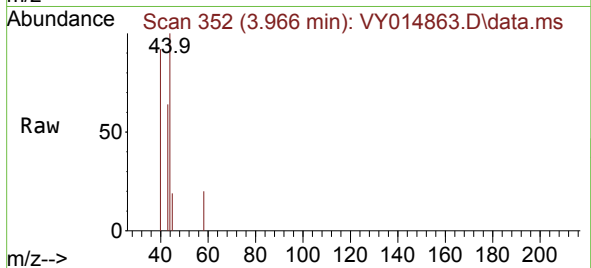
Lab File: VY014863.D

Acq: 26 Jul 2023 20:36

Instrument :

MSVOA_Y

ClientSampleId :

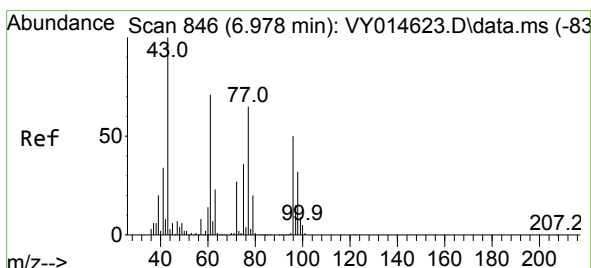
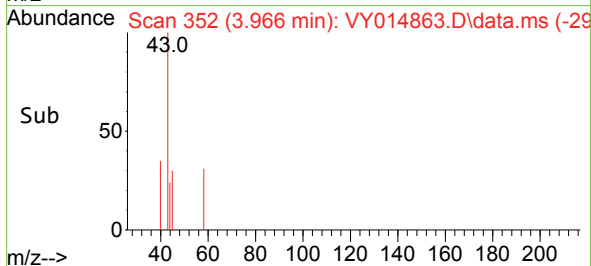
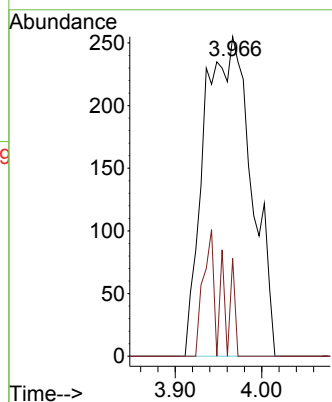


Tgt Ion: 43 Resp: 969

Ion Ratio Lower Upper

43 100

58 30.6 22.7 34.1



#25

2-Butanone

Concen: 5.024 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY014863.D

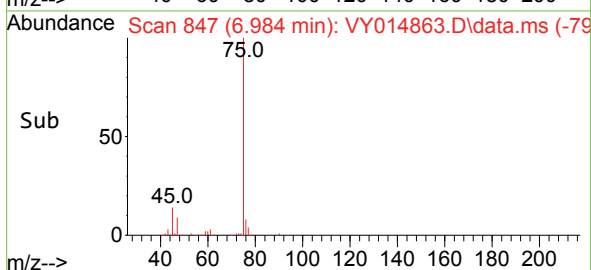
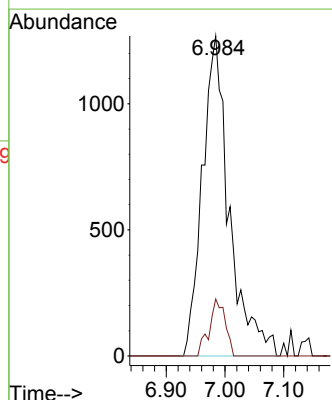
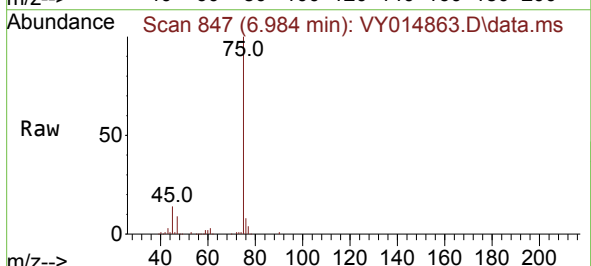
Acq: 26 Jul 2023 20:36

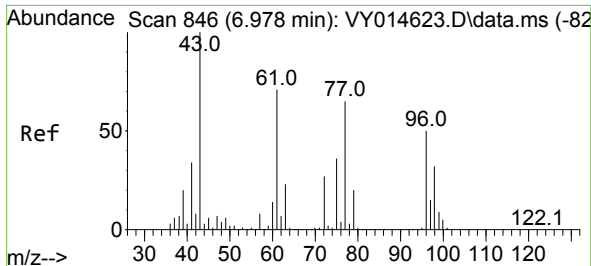
Tgt Ion: 43 Resp: 4033

Ion Ratio Lower Upper

43 100

72 17.8 20.5 30.7#





#26

2,2-Dichloropropane

Concen: 1.818 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY014863.D

Acq: 26 Jul 2023 20:36

Instrument :

MSVOA_Y

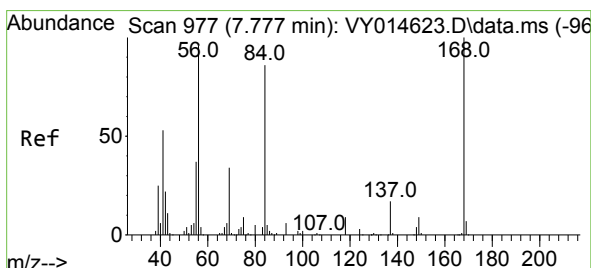
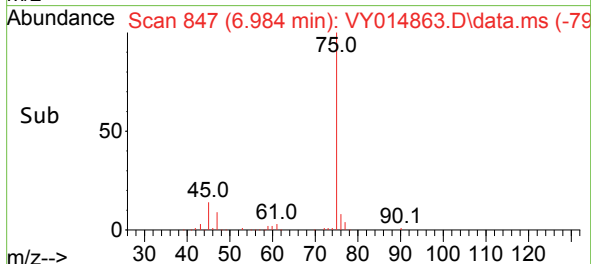
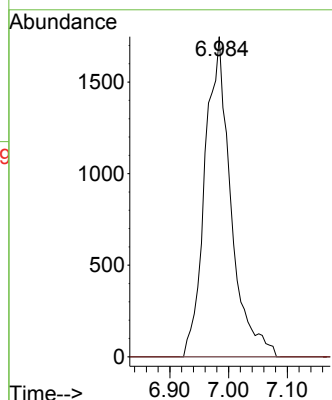
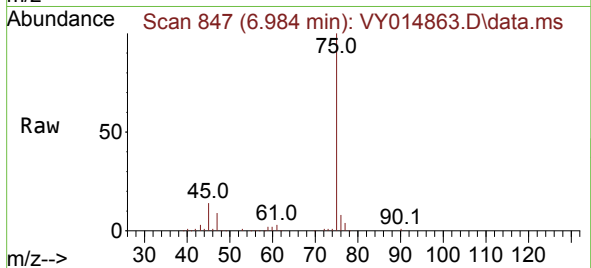
ClientSampleId :

Tgt Ion: 77 Resp: 5354

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#31

Cyclohexane

Concen: 1.181 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY014863.D

Acq: 26 Jul 2023 20:36

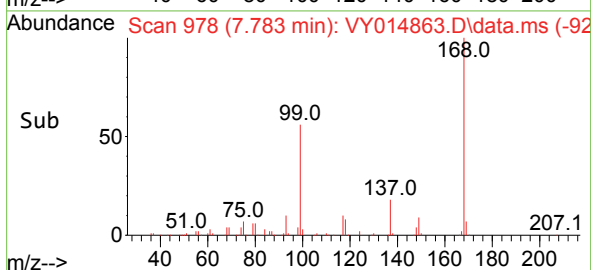
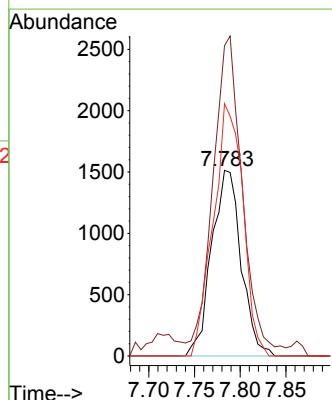
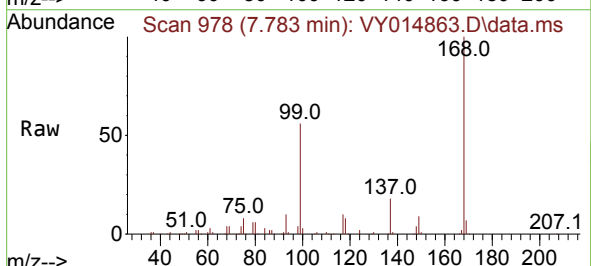
Tgt Ion: 56 Resp: 3395

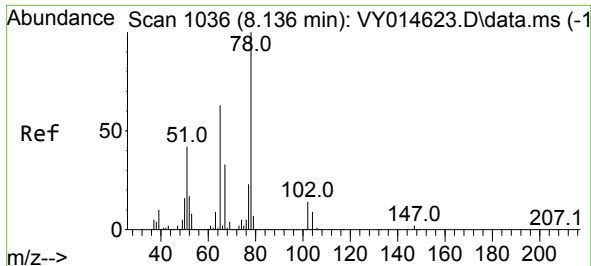
Ion Ratio Lower Upper

56 100

69 161.7 27.8 41.6#

84 135.9 66.4 99.6#

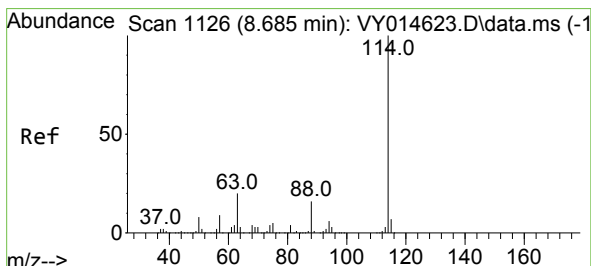
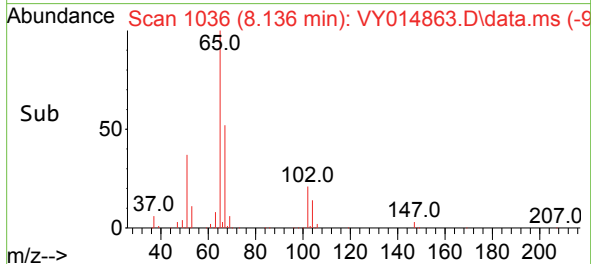
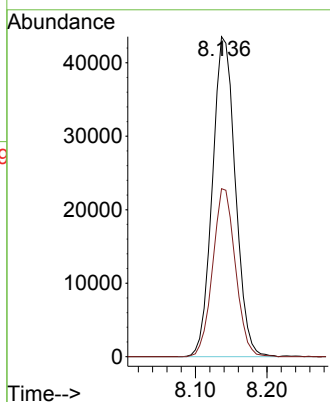
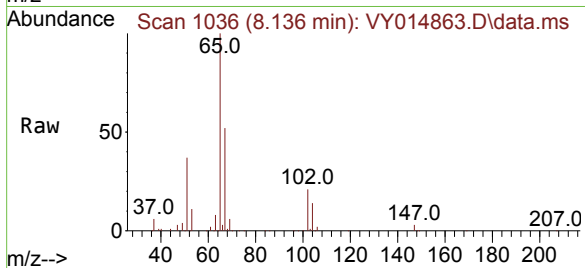




#33
 1,2-Dichloroethane-d4
 Concen: 56.071 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014863.D
 Acq: 26 Jul 2023 20:36

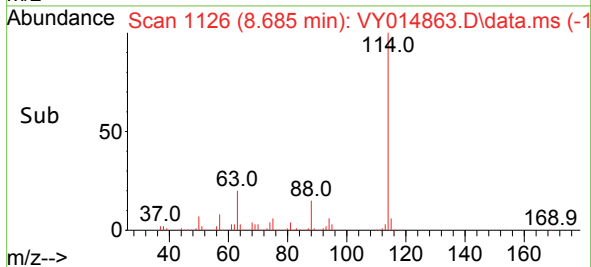
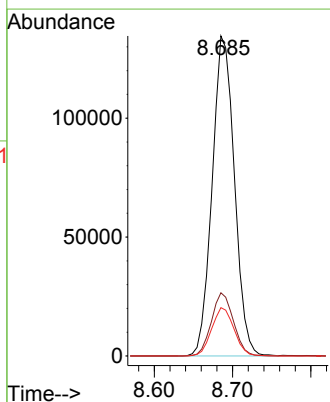
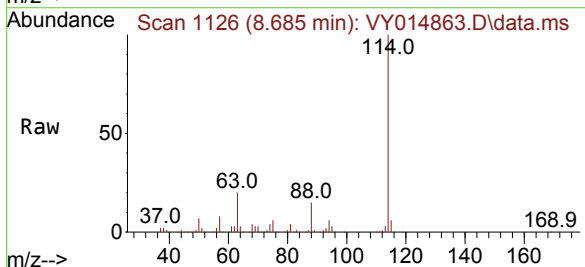
Instrument :
 MSVOA_Y
 ClientSampleId :

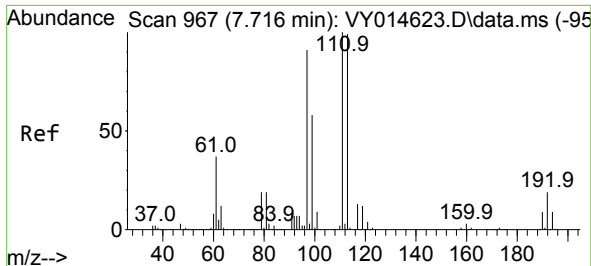
Tgt Ion: 65 Resp: 97091
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014863.D
 Acq: 26 Jul 2023 20:36

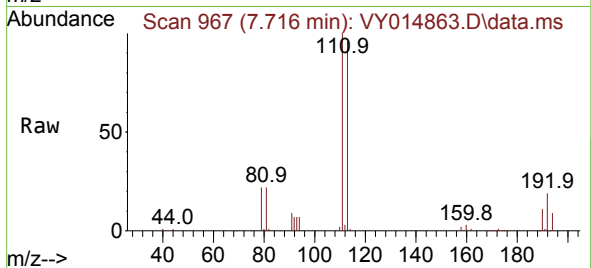
Tgt Ion: 114 Resp: 265763
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 15.1 0.0 30.6



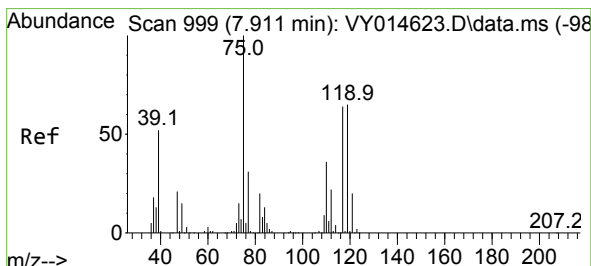
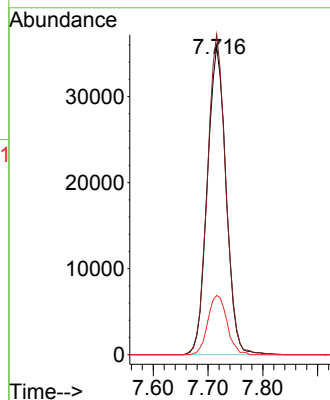
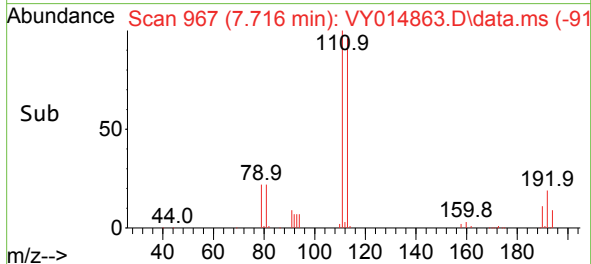


#35
Dibromofluoromethane
Concen: 50.212 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY014863.D
Acq: 26 Jul 2023 20:36

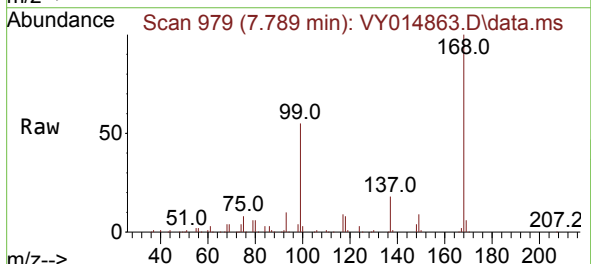
Instrument :
MSVOA_Y
ClientSampleId :



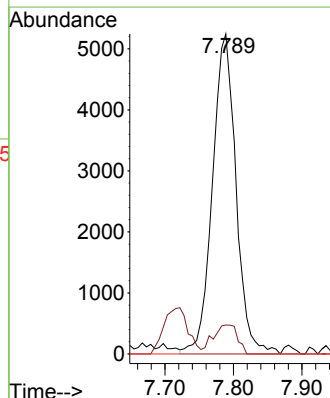
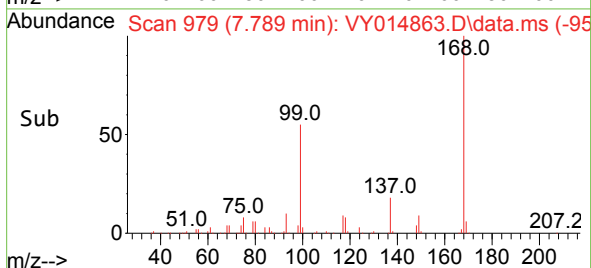
Tgt Ion:113 Resp: 84947
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.6 16.9 25.3

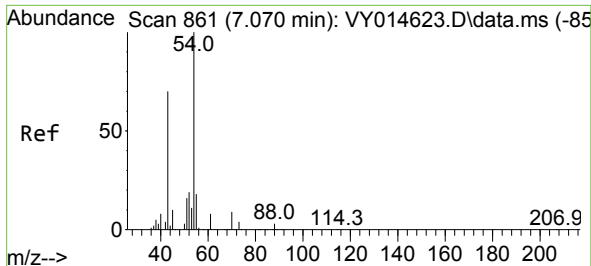


#36
1,1-Dichloropropene
Concen: 4.940 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY014863.D
Acq: 26 Jul 2023 20:36



Tgt Ion: 75 Resp: 12498
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.315 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.086 min

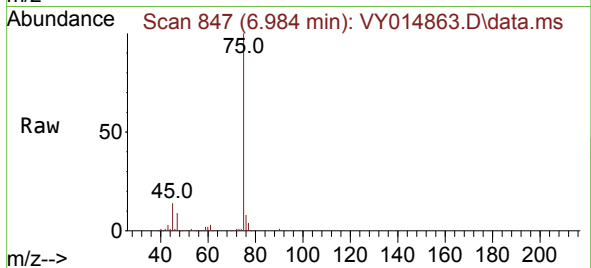
Lab File: VY014863.D

Acq: 26 Jul 2023 20:36

Instrument :

MSVOA_Y

ClientSampleId :



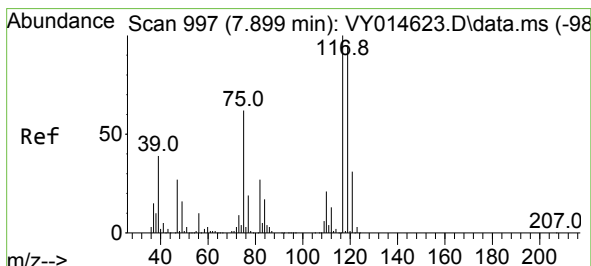
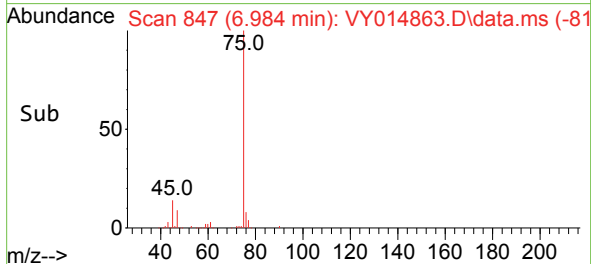
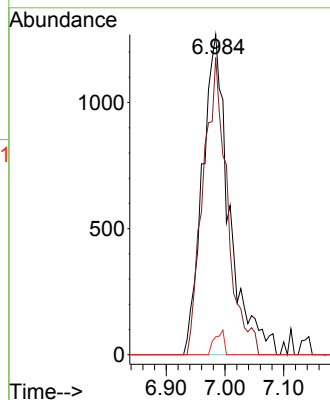
Tgt Ion: 43 Resp: 4033

Ion Ratio Lower Upper

43 100

61 83.5 10.1 15.1#

70 2.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.603 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY014863.D

Acq: 26 Jul 2023 20:36

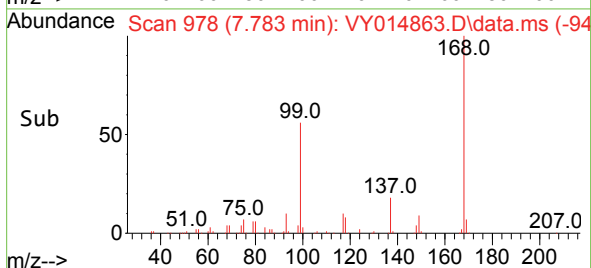
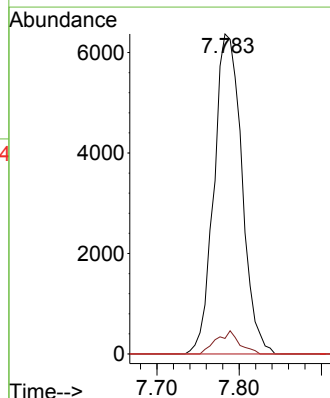
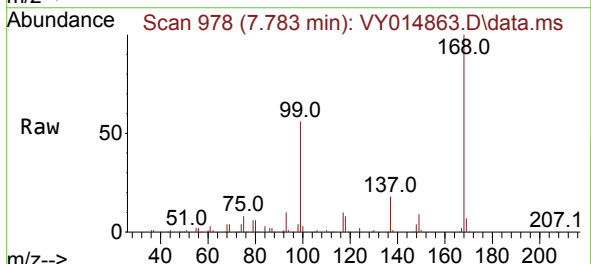
Tgt Ion: 117 Resp: 14986

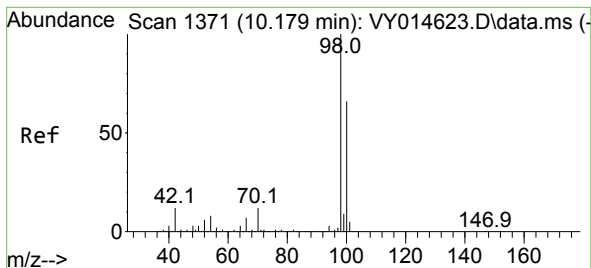
Ion Ratio Lower Upper

117 100

119 4.9 76.4 114.6#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 51.132 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014863.D

Acq: 26 Jul 2023 20:36

Instrument :

MSVOA_Y

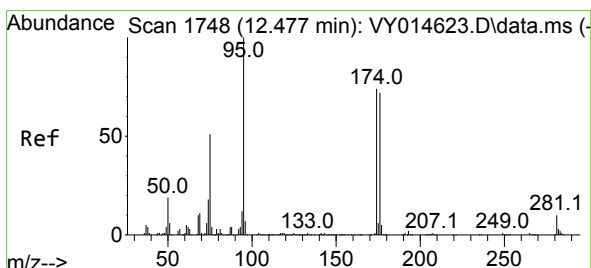
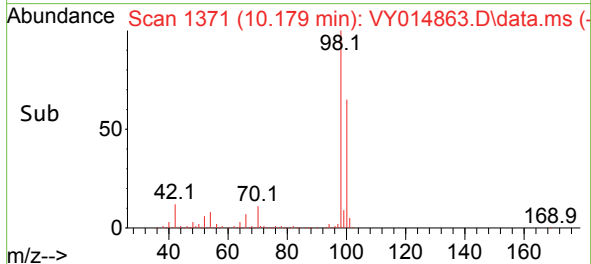
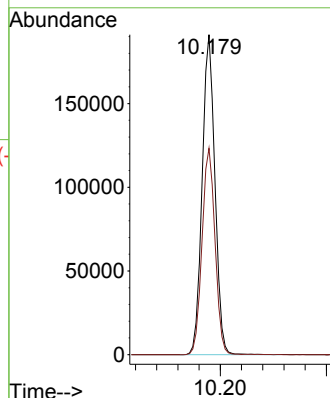
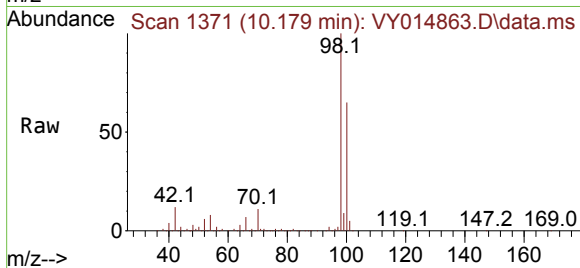
ClientSampleId :

Tgt Ion: 98 Resp: 318925

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.833 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY014863.D

Acq: 26 Jul 2023 20:36

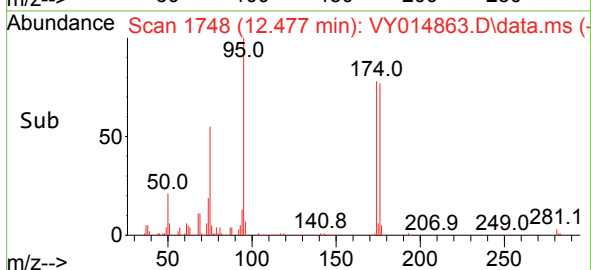
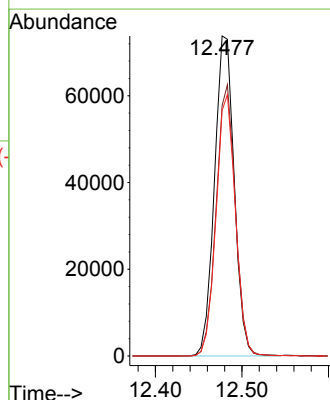
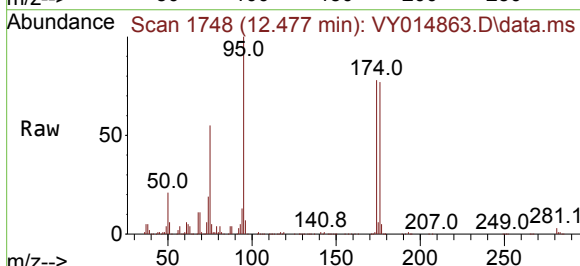
Tgt Ion: 95 Resp: 116788

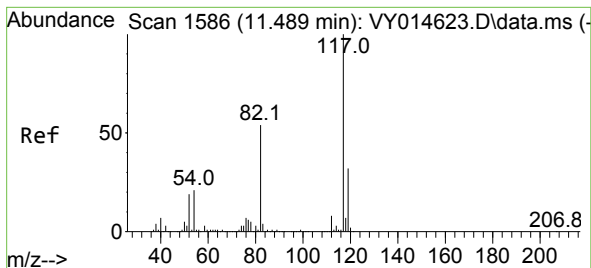
Ion Ratio Lower Upper

95 100

174 82.7 0.0 178.2

176 80.0 0.0 173.8

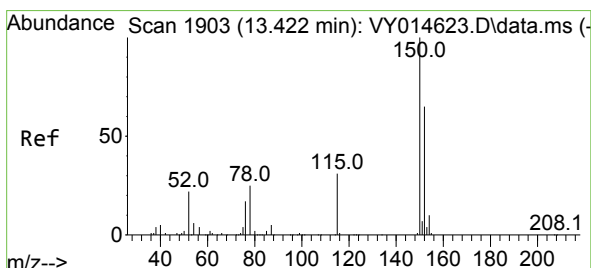
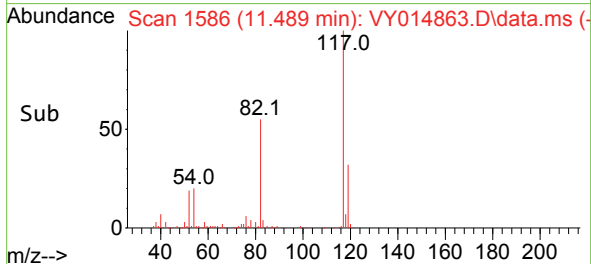
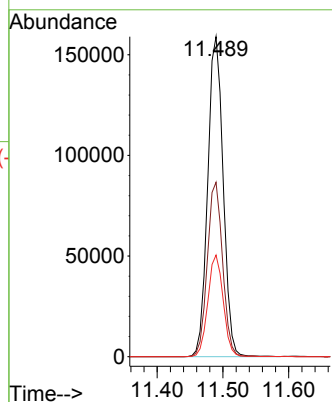
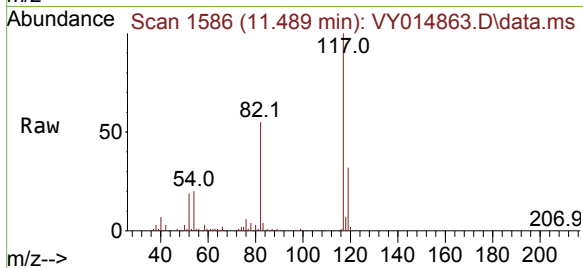




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014863.D
Acq: 26 Jul 2023 20:36

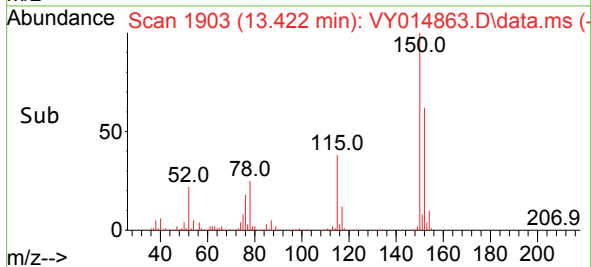
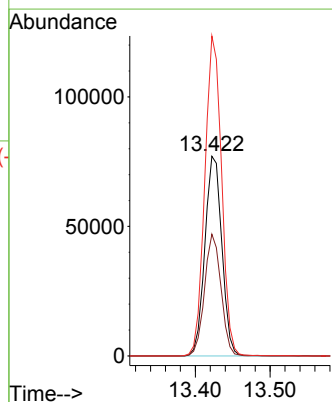
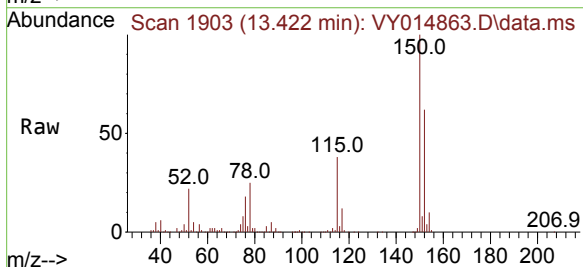
Instrument :
MSVOA_Y
ClientSampleId :

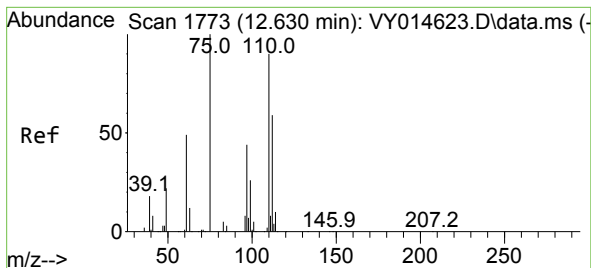
Tgt Ion:117 Resp: 259770
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 31.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014863.D
Acq: 26 Jul 2023 20:36

Tgt Ion:152 Resp: 121835
Ion Ratio Lower Upper
152 100
115 59.1 28.8 86.5
150 158.3 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 40.753 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014863.D

Acq: 26 Jul 2023 20:36

Instrument :

MSVOA_Y

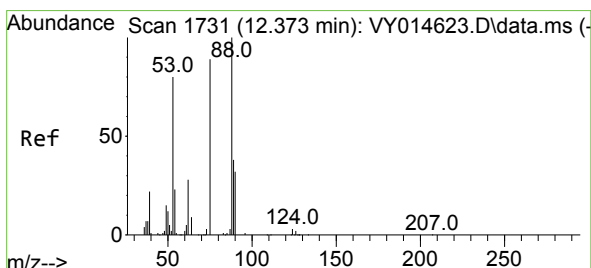
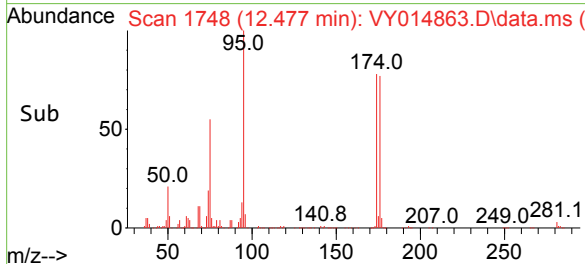
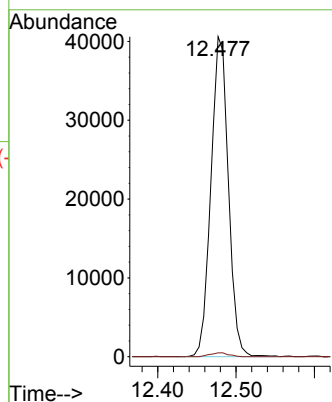
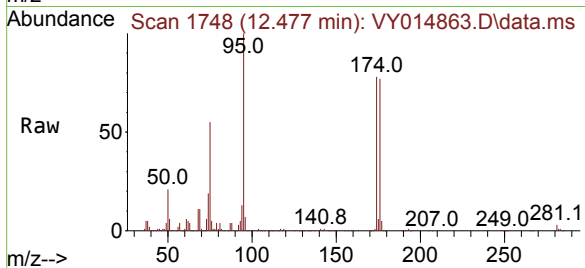
ClientSampleId :

Tgt Ion: 75 Resp: 62708

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.905 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY014863.D

Acq: 26 Jul 2023 20:36

Tgt Ion: 75 Resp: 62708

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

