

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013318.D
 Acq On : 14 Apr 2023 14:57
 Operator : KP/MD
 Sample : 02306-02
 Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230251-15-1

Quant Time: Apr 17 02:12:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

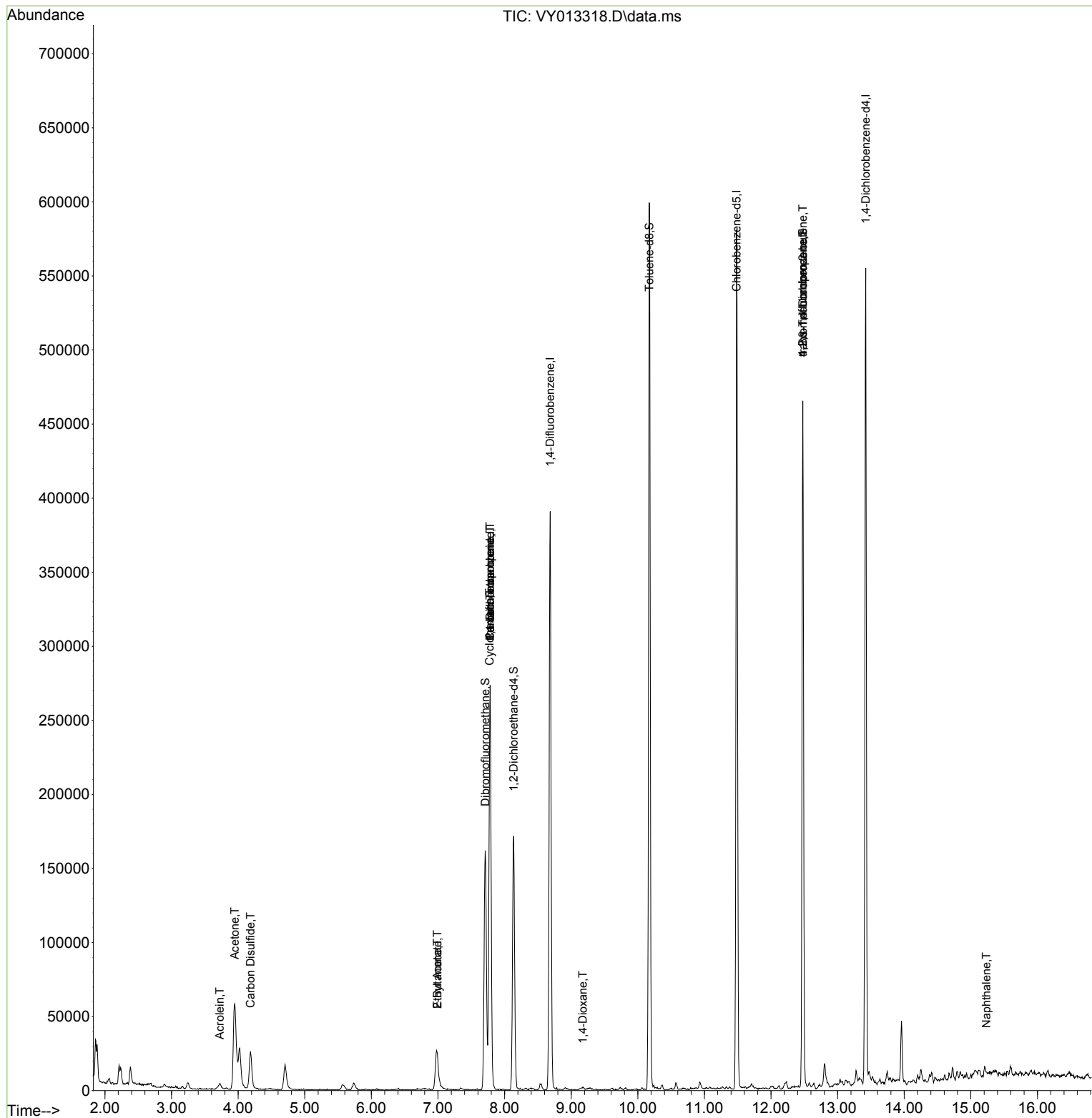
Internal Standards						
1) Pentafluorobenzene	7.783	168	214728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	335596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	305506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	138433	53.645	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.300%	
35) Dibromofluoromethane	7.710	113	116479	53.612	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.220%	
50) Toluene-d8	10.173	98	394114	48.735	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.460%	
62) 4-Bromofluorobenzene	12.477	95	129787	49.395	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	152	Below Cal	#	74
13) Acrolein	3.722	56	5034	15.880	ug/l #	82
16) Acetone	3.948	43	130395	146.964	ug/l	100
17) Carbon Disulfide	4.186	76	50060	7.525	ug/l	97
25) 2-Butanone	6.990	43	43965	38.700	ug/l	98
31) Cyclohexane	7.777	56	4155	1.065	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	14795	4.495	ug/l #	50
37) Ethyl Acetate	6.990	43	43965	16.571	ug/l #	70
38) Carbon Tetrachloride	7.783	117	20219	5.556	ug/l #	16
49) 1,4-Dioxane	9.173	88	31	1.538	ug/l #	23
76) 1,2,3-Trichloropropane	12.477	75	66752	36.927	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	66752	76.641	ug/l #	13
95) Naphthalene	15.233	128	2407	3.558	ug/l #	85

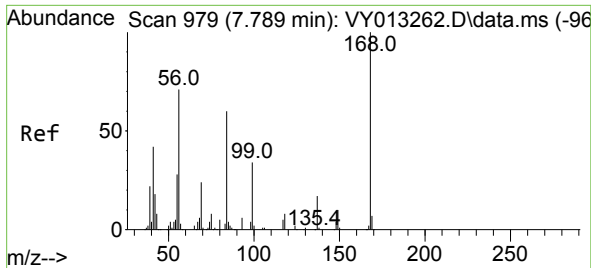
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
Data File : VY013318.D
Acq On : 14 Apr 2023 14:57
Operator : KP/MD
Sample : 02306-02
Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20230251-15-1

Quant Time: Apr 17 02:12:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

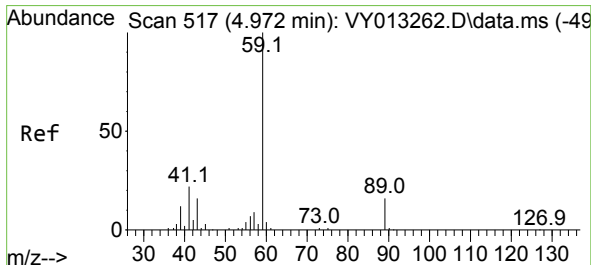
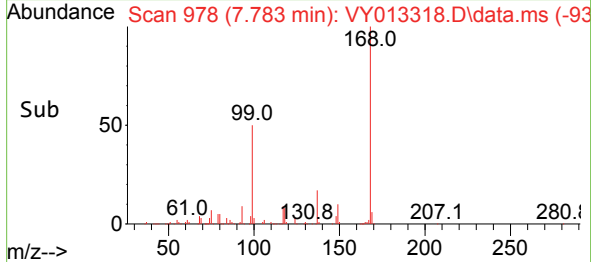
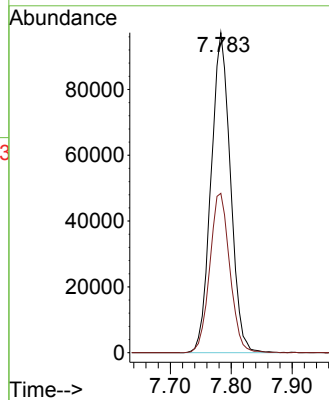
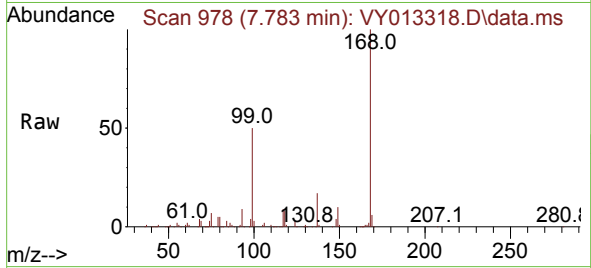




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

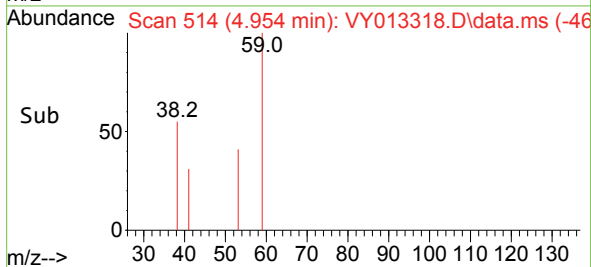
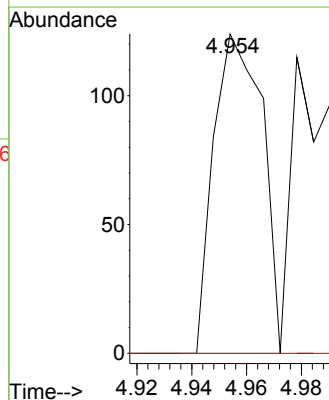
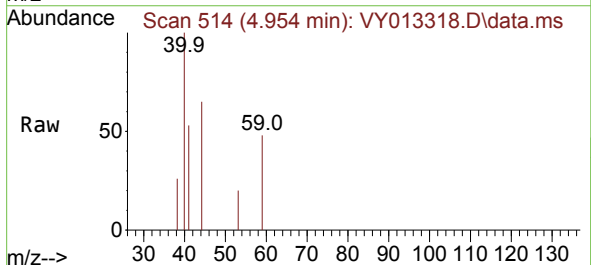
Instrument :
MSVOA_Y
ClientSampleId :
20230251-15-1

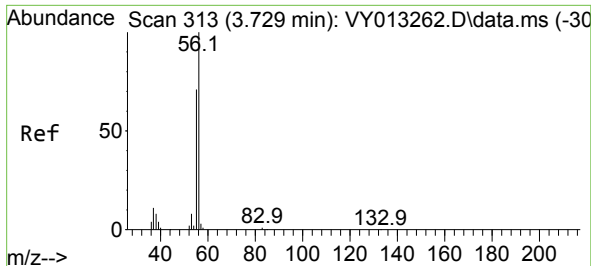
Tgt Ion:168 Resp: 214728
Ion Ratio Lower Upper
168 100
99 49.8 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

Tgt Ion: 59 Resp: 152
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#13

Acrolein

Concen: 15.880 ug/l

RT: 3.722 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY013318.D

Acq: 14 Apr 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

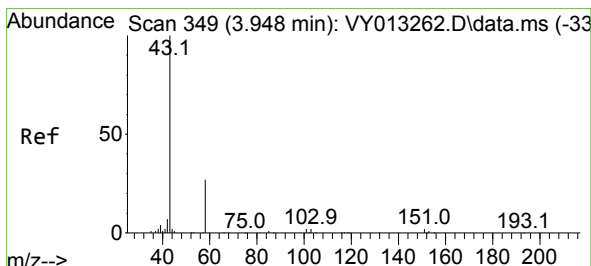
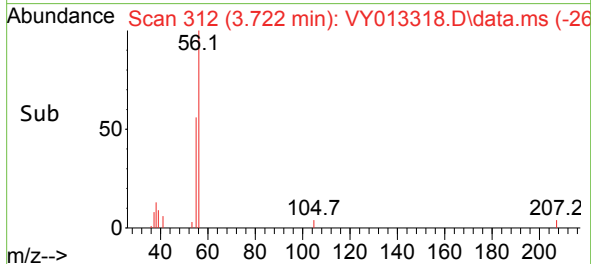
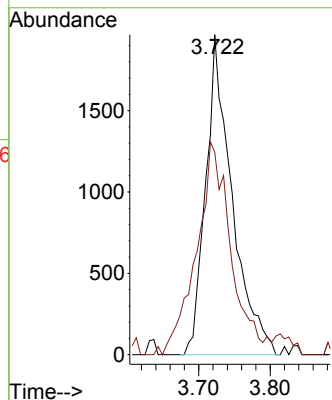
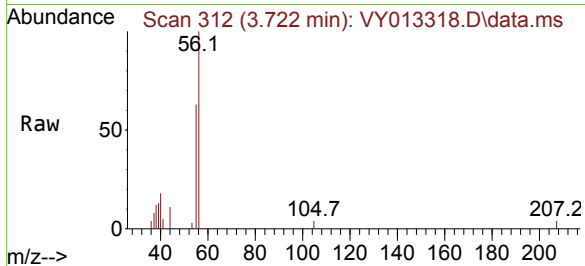
20230251-15-1

Tgt Ion: 56 Resp: 5034

Ion Ratio Lower Upper

56 100

55 86.0 56.8 85.2#



#16

Acetone

Concen: 146.964 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY013318.D

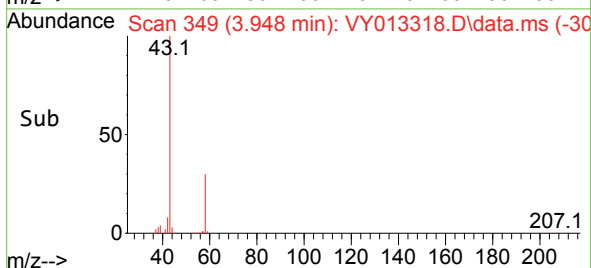
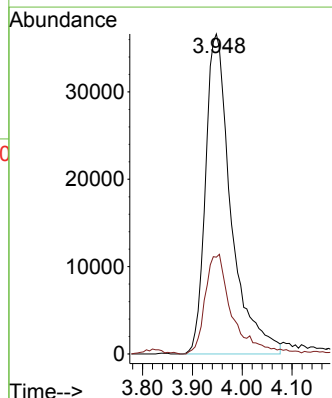
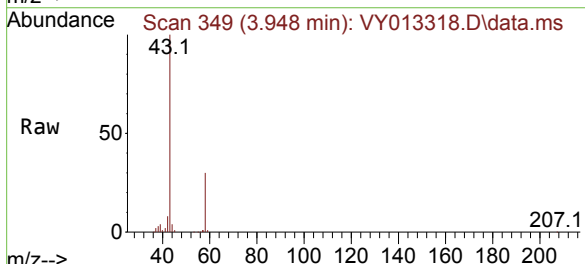
Acq: 14 Apr 2023 14:57

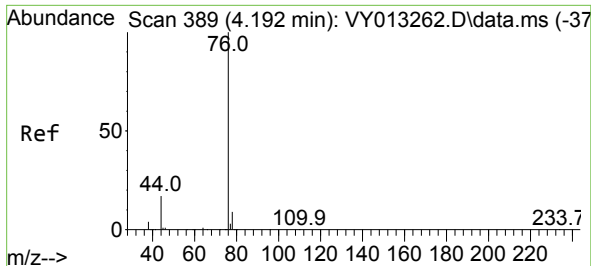
Tgt Ion: 43 Resp: 130395

Ion Ratio Lower Upper

43 100

58 30.2 24.2 36.2

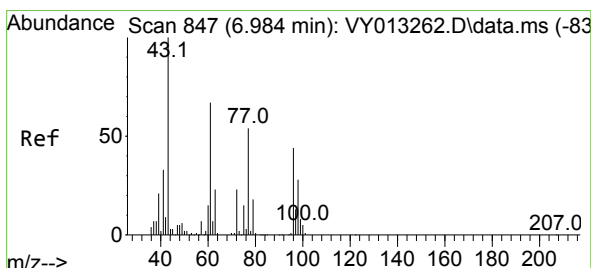
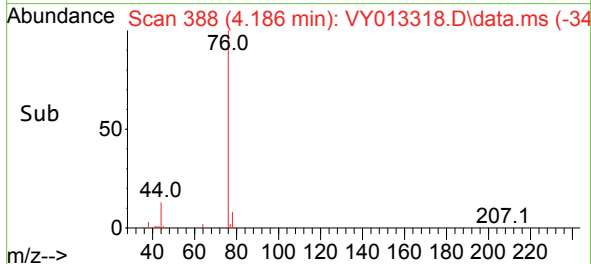
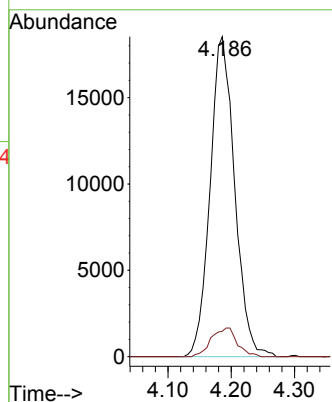
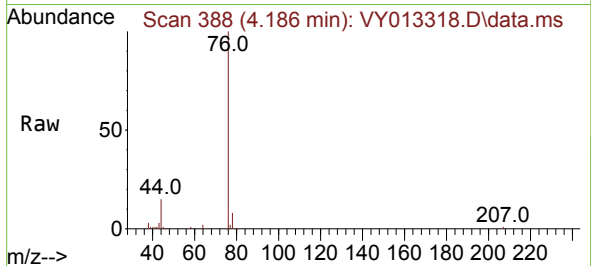




#17
Carbon Disulfide
Concen: 7.525 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

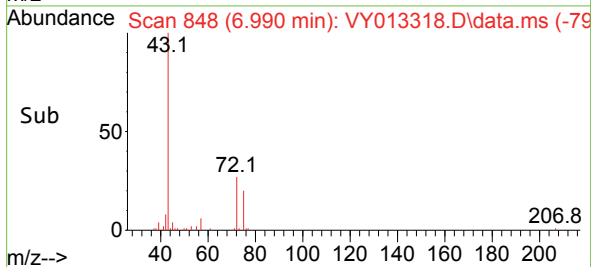
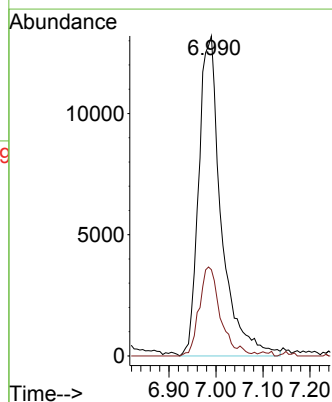
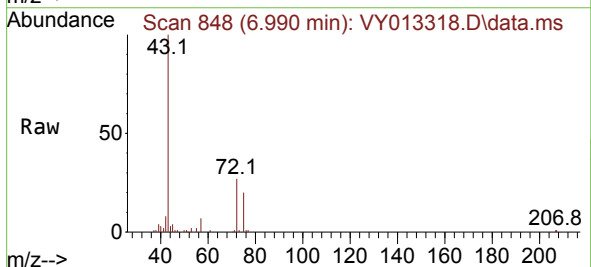
Instrument :
MSVOA_Y
ClientSampleId :
20230251-15-1

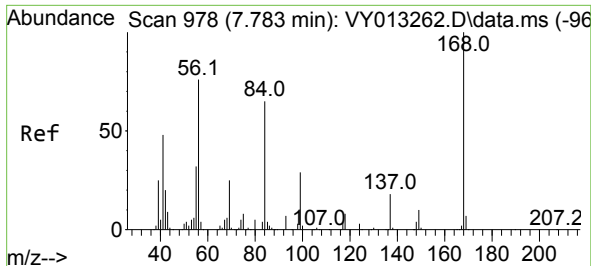
Tgt Ion: 76 Resp: 50060
Ion Ratio Lower Upper
76 100
78 7.9 7.1 10.7



#25
2-Butanone
Concen: 38.700 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

Tgt Ion: 43 Resp: 43965
Ion Ratio Lower Upper
43 100
72 27.0 21.0 31.4

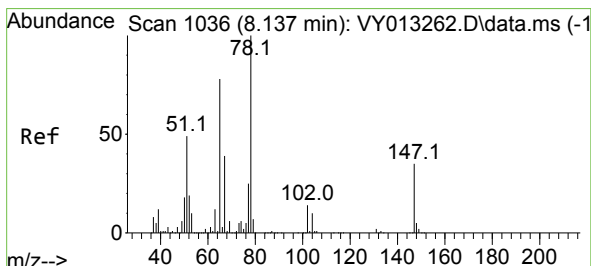
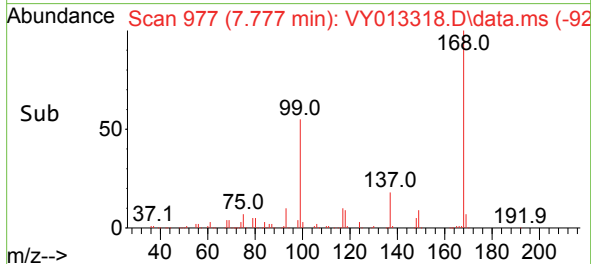
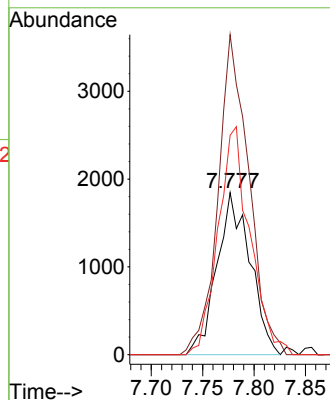
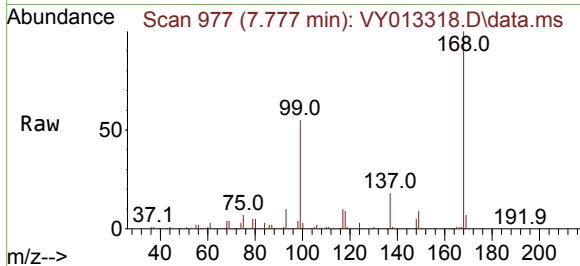




#31
Cyclohexane
Concen: 1.065 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

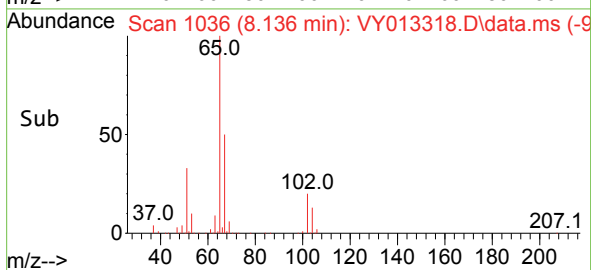
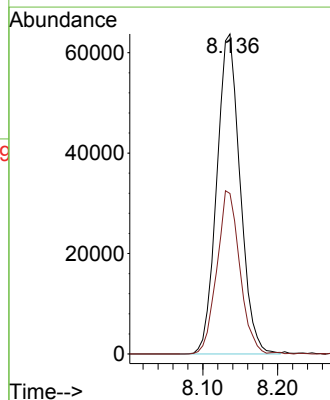
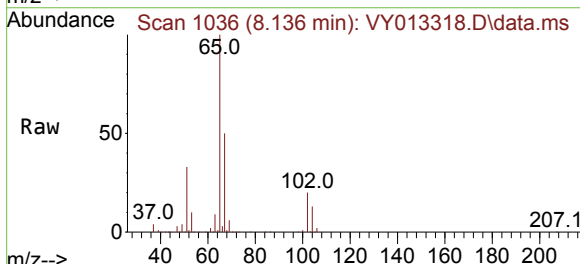
Instrument :
MSVOA_Y
ClientSampleId :
20230251-15-1

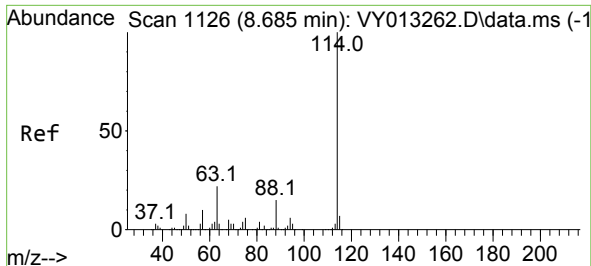
Tgt Ion: 56 Resp: 4155
Ion Ratio Lower Upper
56 100
69 197.5 25.7 38.5#
84 146.9 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 53.645 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

Tgt Ion: 65 Resp: 138433
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.0

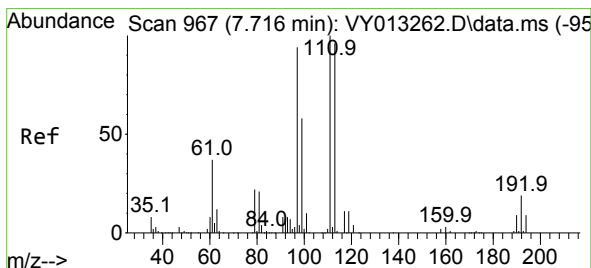
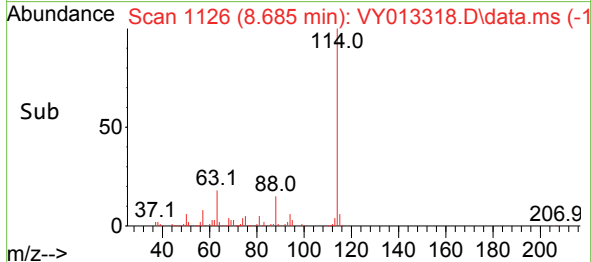
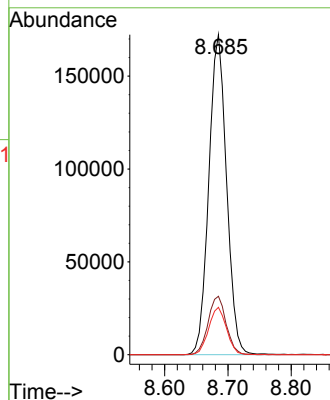
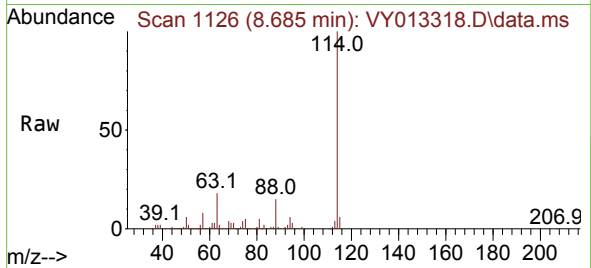




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

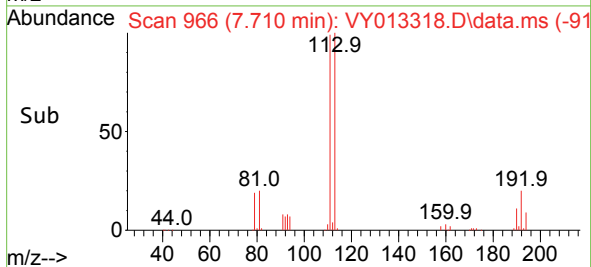
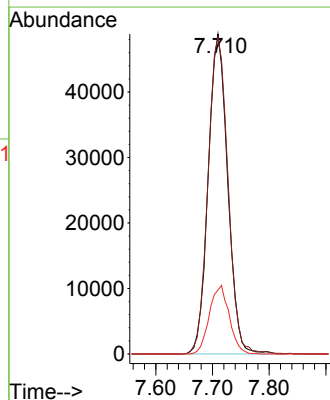
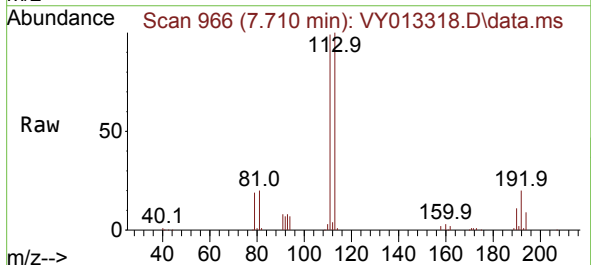
Instrument :
MSVOA_Y
ClientSampleId :
20230251-15-1

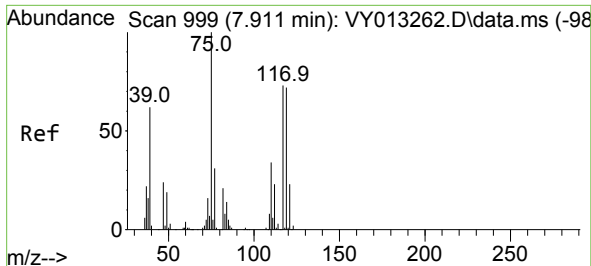
Tgt Ion:114 Resp: 335596
Ion Ratio Lower Upper
114 100
63 18.3 0.0 37.4
88 14.8 0.0 28.6



#35
Dibromofluoromethane
Concen: 53.612 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

Tgt Ion:113 Resp: 116479
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 21.8 16.8 25.2

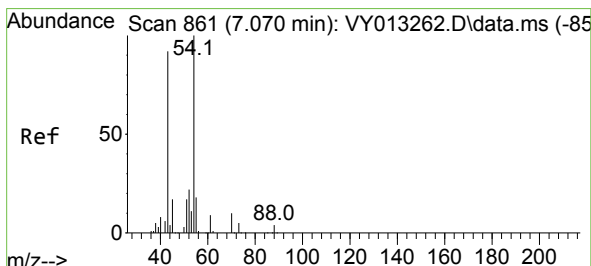
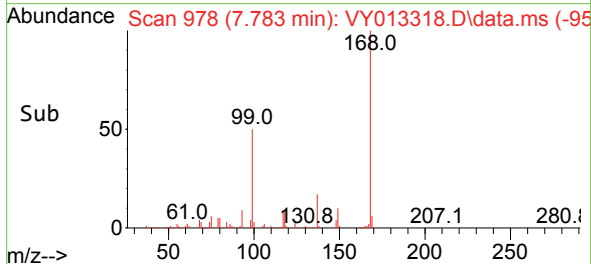
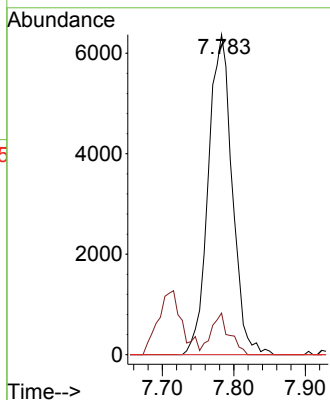
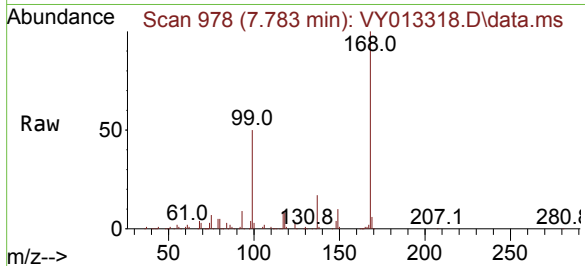




#36
1,1-Dichloropropene
Concen: 4.495 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

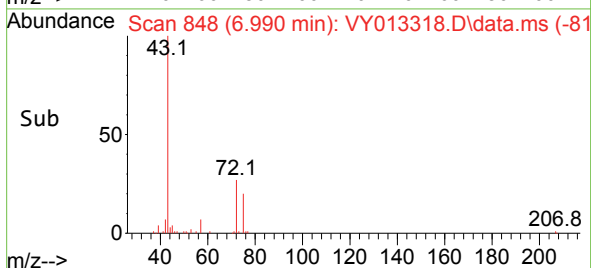
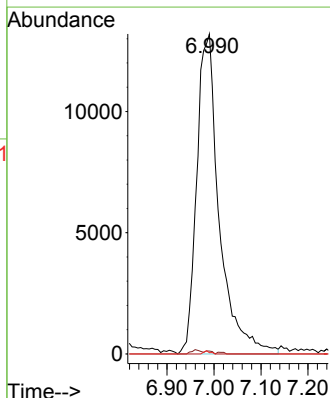
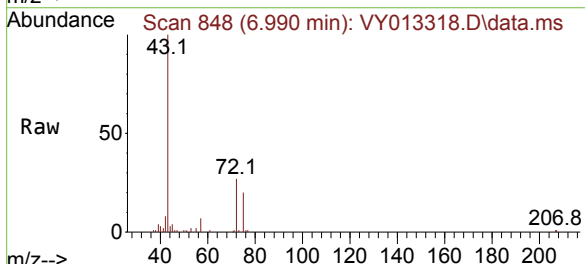
Instrument :
MSVOA_Y
ClientSampleId :
20230251-15-1

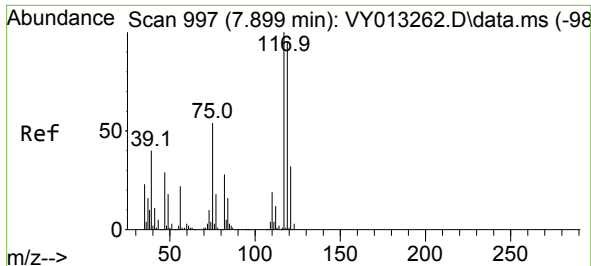
Tgt Ion: 75 Resp: 14795
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 16.571 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.079 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

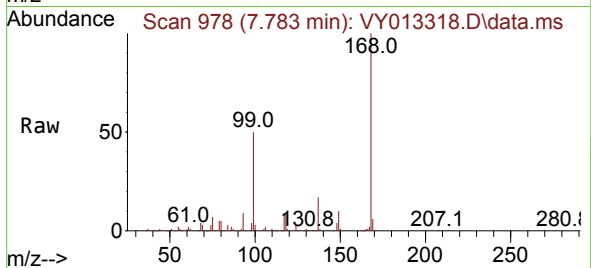
Tgt Ion: 43 Resp: 43965
Ion Ratio Lower Upper
43 100
61 0.3 10.7 16.1#
70 0.3 7.8 11.8#



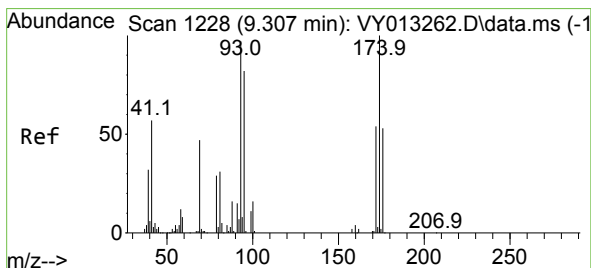
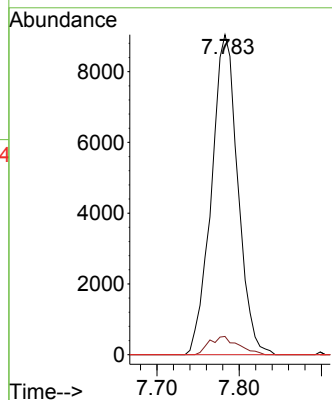
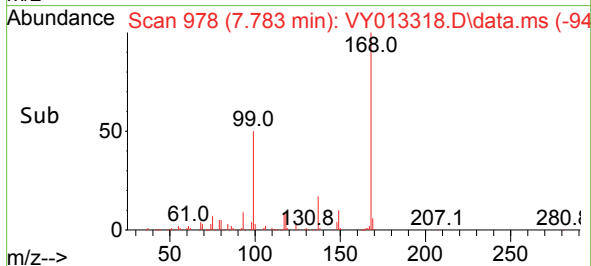


#38
Carbon Tetrachloride
Concen: 5.556 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

Instrument :
MSVOA_Y
ClientSampleId :
20230251-15-1

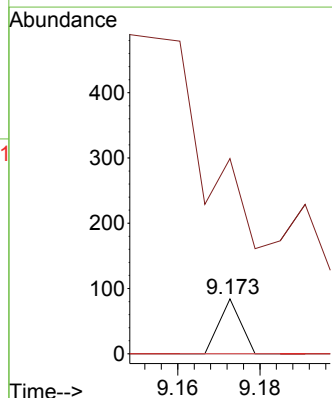
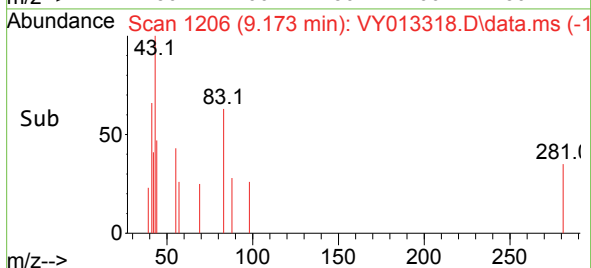
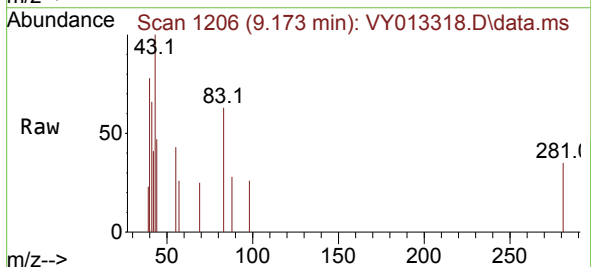


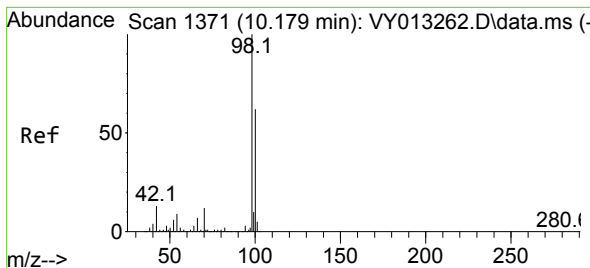
Tgt Ion: 117 Resp: 20219
Ion Ratio Lower Upper
117 100
119 5.7 77.2 115.8#
121 0.0 24.7 37.1#



#49
1,4-Dioxane
Concen: 1.538 ug/l
RT: 9.173 min Scan# 1206
Delta R.T. -0.134 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

Tgt Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
43 0.0 28.6 42.8#
58 0.0 55.2 82.8#





#50

Toluene-d8

Concen: 48.735 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013318.D

Acq: 14 Apr 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

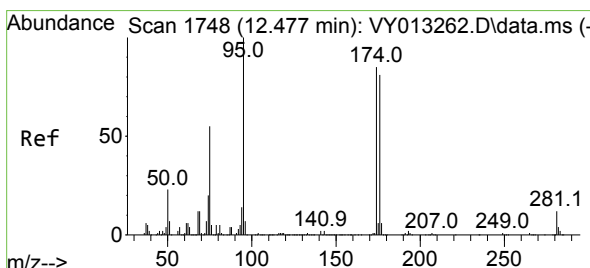
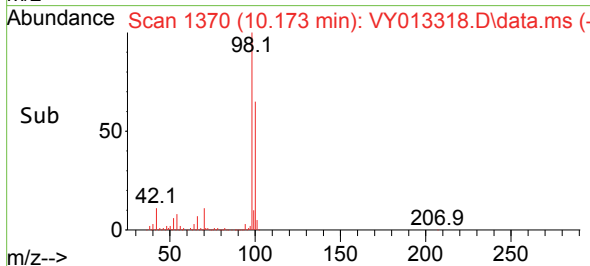
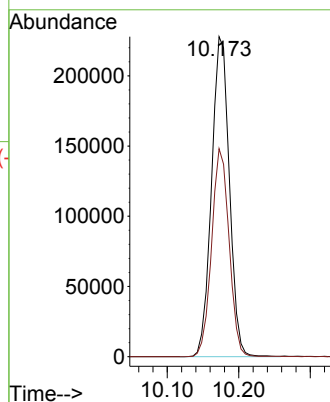
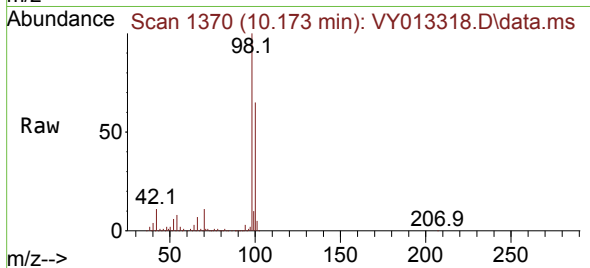
20230251-15-1

Tgt Ion: 98 Resp: 394114

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 49.395 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY013318.D

Acq: 14 Apr 2023 14:57

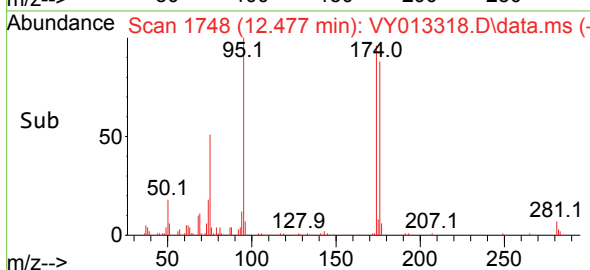
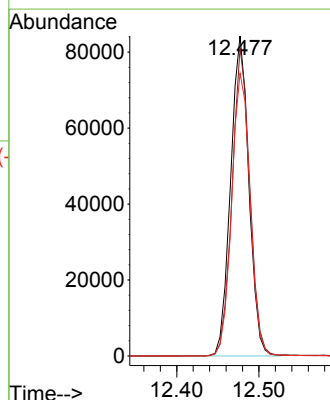
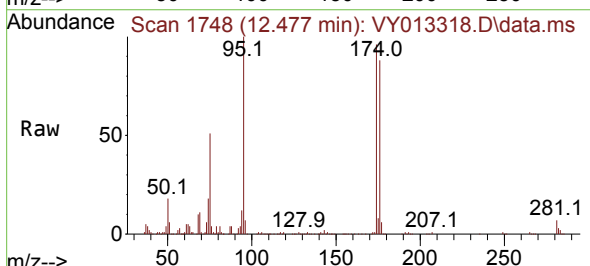
Tgt Ion: 95 Resp: 129787

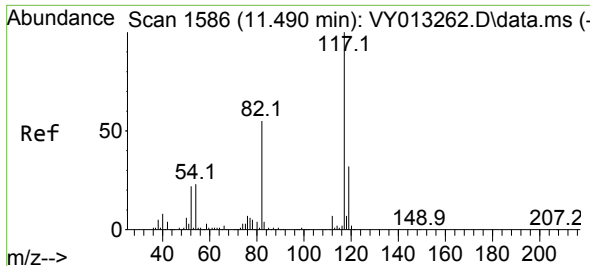
Ion Ratio Lower Upper

95 100

174 94.3 0.0 176.6

176 89.5 0.0 170.2

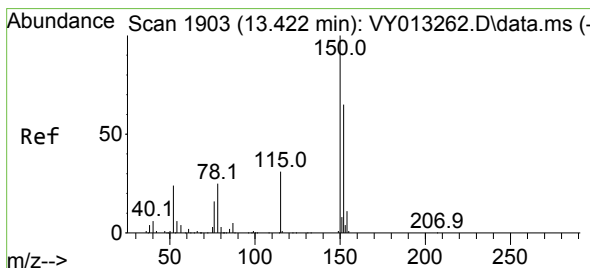
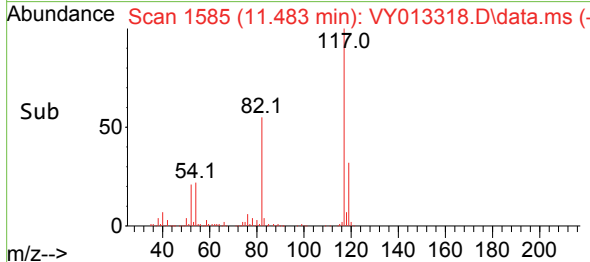
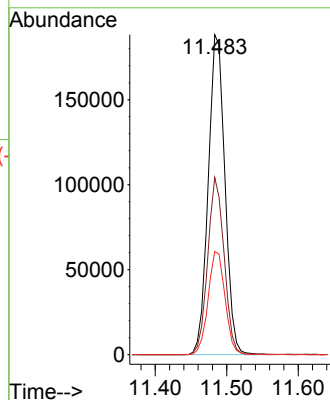
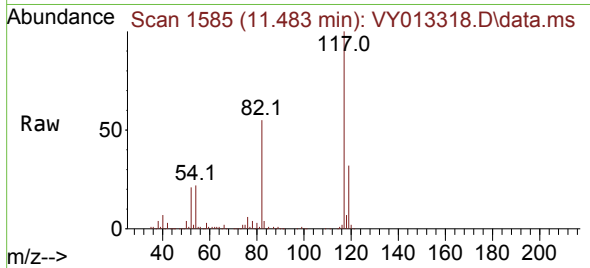




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

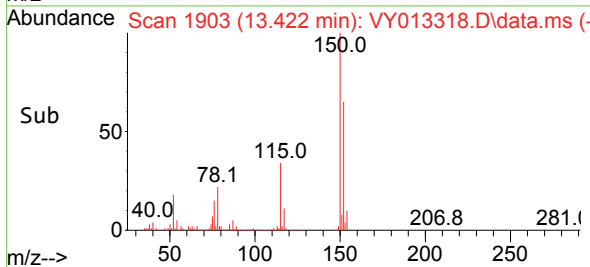
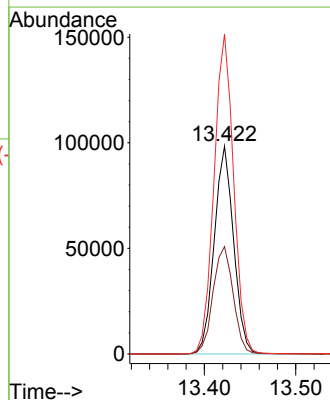
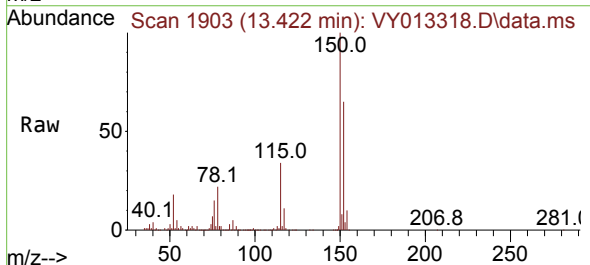
Instrument :
MSVOA_Y
ClientSampleId :
20230251-15-1

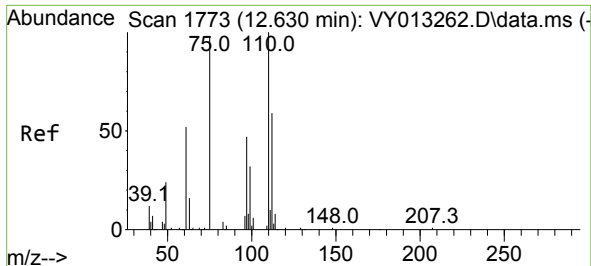
Tgt Ion:117 Resp: 305506
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.0
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

Tgt Ion:152 Resp: 145070
Ion Ratio Lower Upper
152 100
115 53.8 27.1 81.3
150 155.7 0.0 347.8

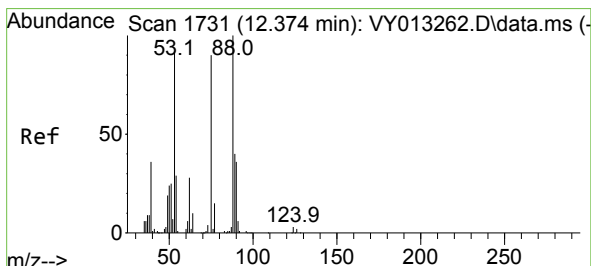
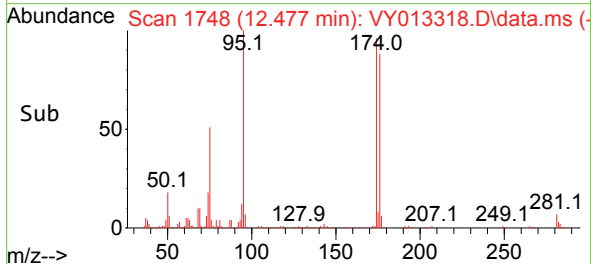
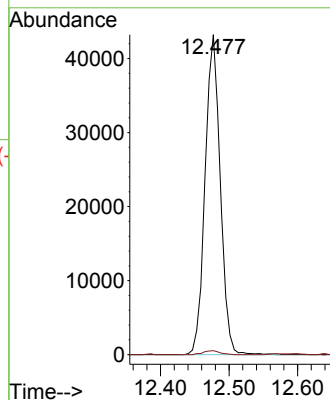
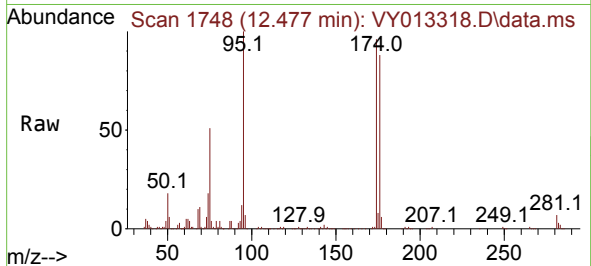




#76
1,2,3-Trichloropropane
Concen: 36.927 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

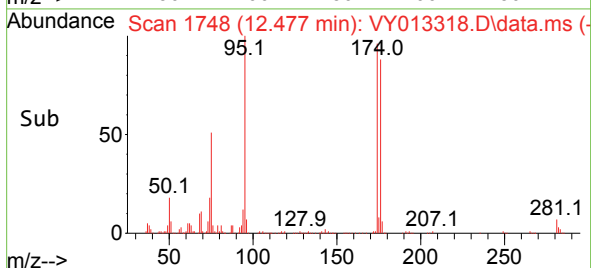
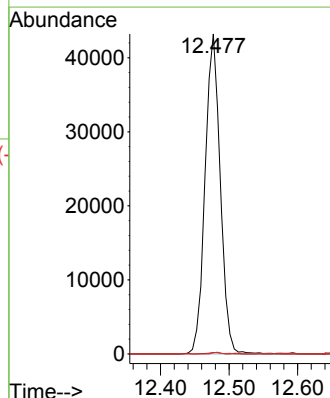
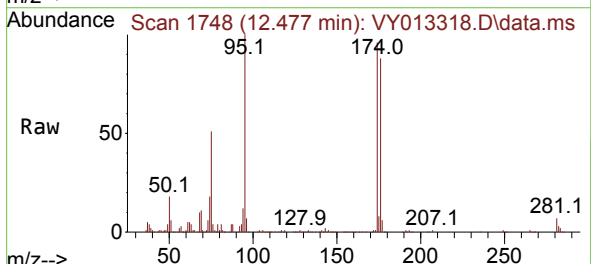
Instrument :
MSVOA_Y
ClientSampleId :
20230251-15-1

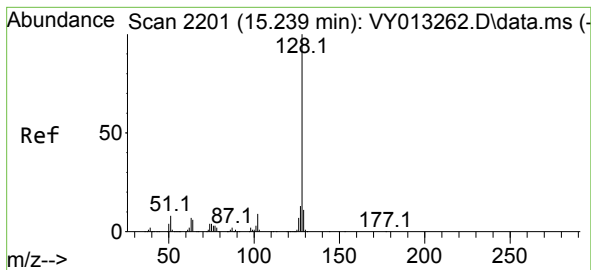
Tgt Ion: 75 Resp: 66752
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.641 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

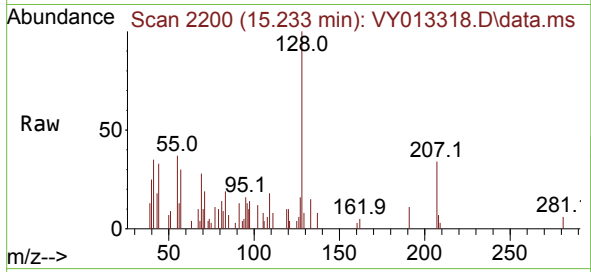
Tgt Ion: 75 Resp: 66752
Ion Ratio Lower Upper
75 100
53 0.4 73.4 110.0#
89 0.3 36.6 55.0#





#95
Naphthalene
Concen: 3.558 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

Instrument :
MSVOA_Y
ClientSampleId :
20230251-15-1



Tgt Ion:128 Resp: 2407
Ion Ratio Lower Upper
128 100
127 16.6 10.3 15.5#
129 19.2 8.6 13.0#

