

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016839.D
 Acq On : 23 Dec 2023 05:08
 Operator : SY/MD
 Sample : 05957-11
 Misc : 2.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM59

Quant Time: Dec 23 05:36:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

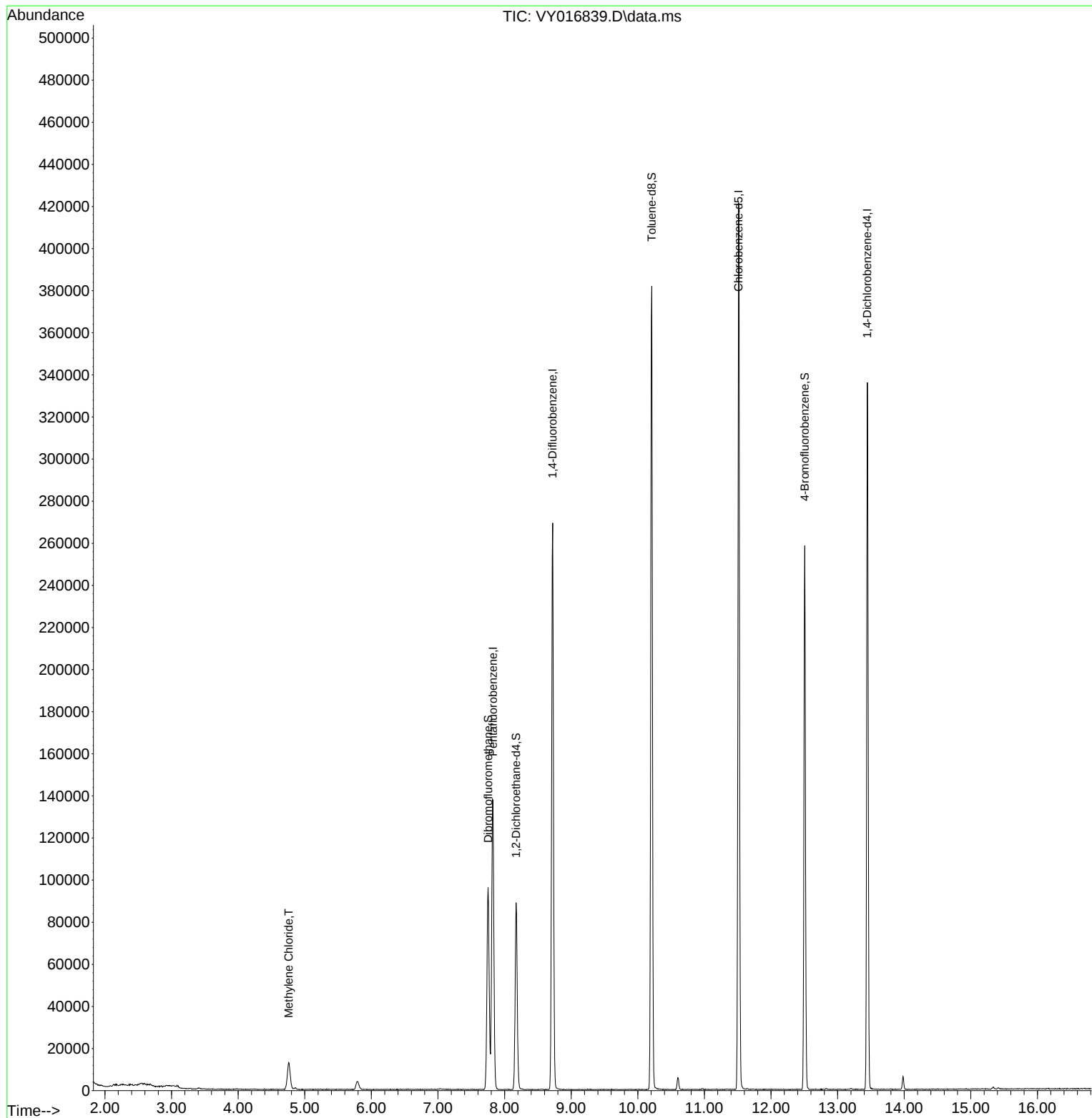
Internal Standards						
1) Pentafluorobenzene	7.825	168	103715	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	228252	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	227809	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	82314	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	66718	70.466	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.940%	
35) Dibromofluoromethane	7.752	113	70080	53.599	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.200%	
50) Toluene-d8	10.209	98	250424	53.131	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.260%	
62) 4-Bromofluorobenzene	12.507	95	78537	51.360	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.720%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.759	84	9723	4.660	ug/l #	89

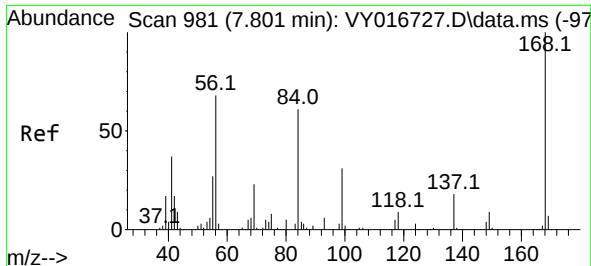
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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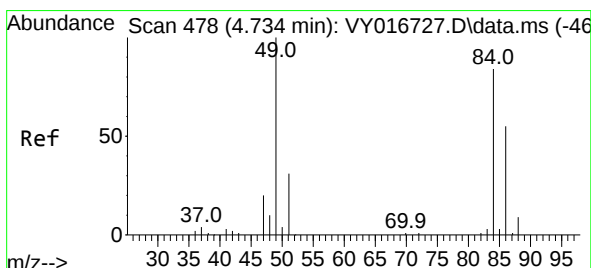
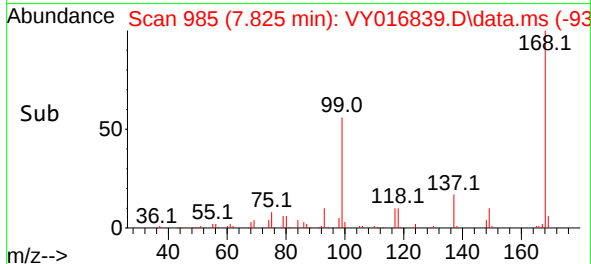
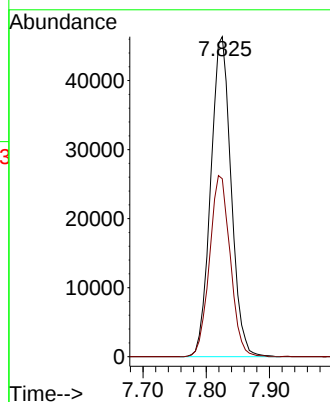
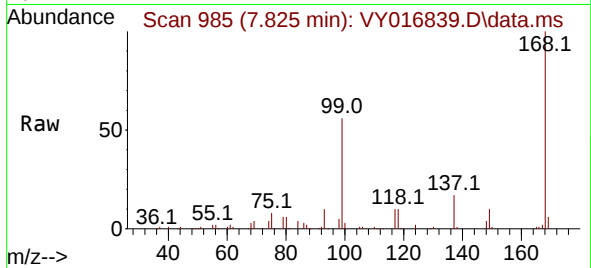




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY016839.D
Acq: 23 Dec 2023 05:08

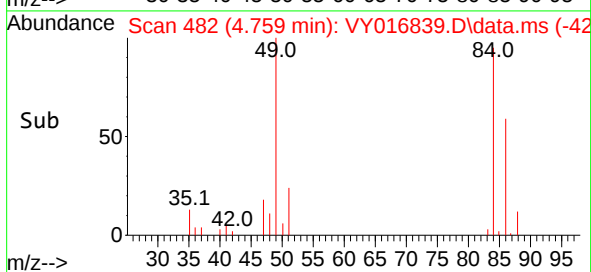
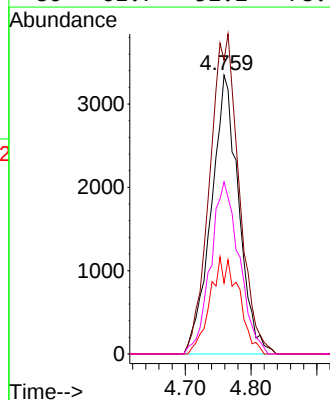
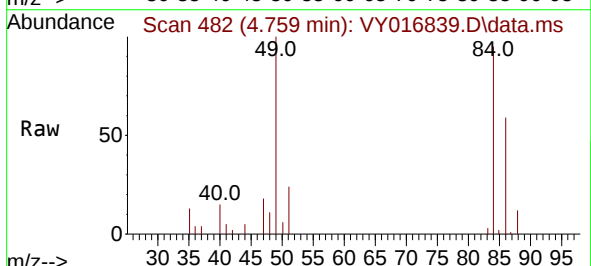
Instrument :
MSVOA_Y
ClientSampleId :
COM59

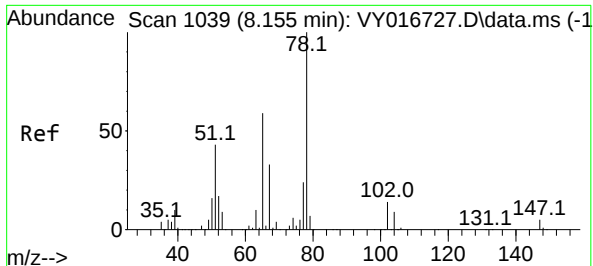
Tgt Ion:168 Resp: 103715
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4



#20
Methylene Chloride
Concen: 4.660 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY016839.D
Acq: 23 Dec 2023 05:08

Tgt Ion: 84 Resp: 9723
Ion Ratio Lower Upper
84 100
49 105.3 95.2 142.8
51 25.5 29.9 44.9#
86 61.7 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 70.466 ug/l

RT: 8.173 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY016839.D

Acq: 23 Dec 2023 05:08

Instrument :

MSVOA_Y

ClientSampleId :

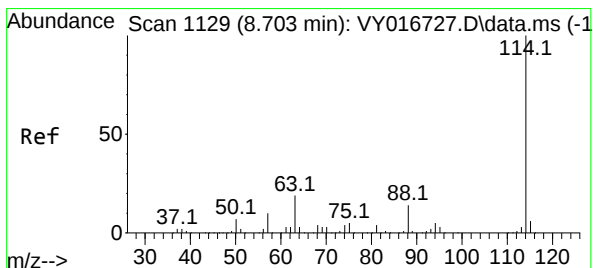
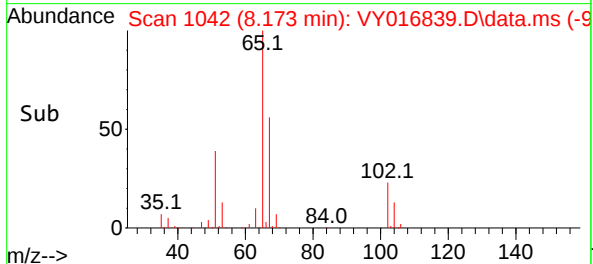
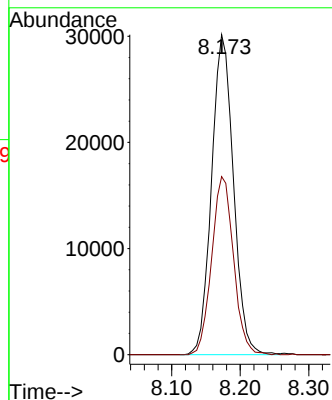
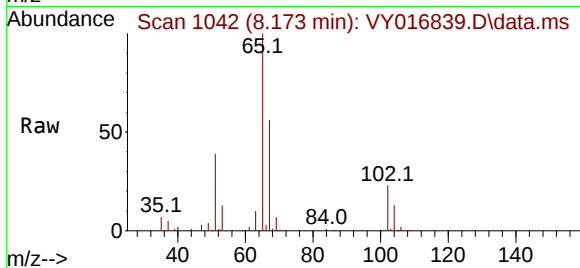
COM59

Tgt Ion: 65 Resp: 66718

Ion Ratio Lower Upper

65 100

67 55.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.019 min

Lab File: VY016839.D

Acq: 23 Dec 2023 05:08

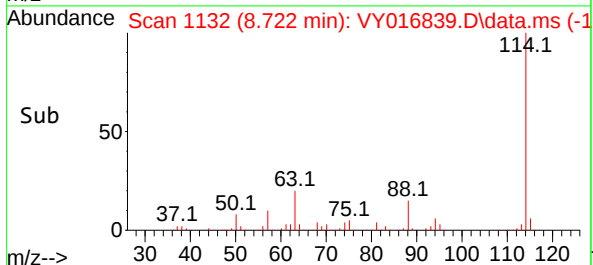
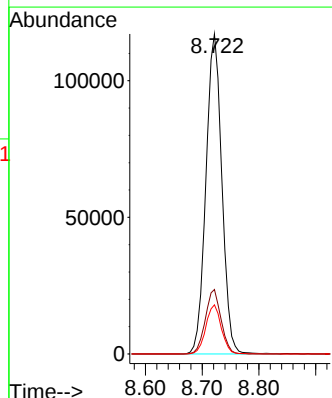
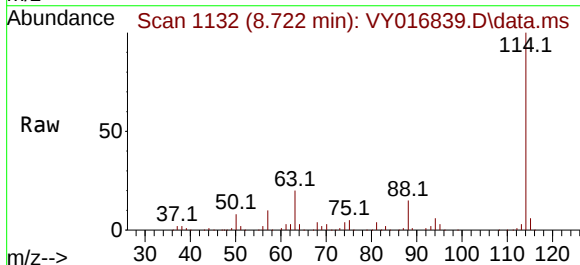
Tgt Ion: 114 Resp: 228252

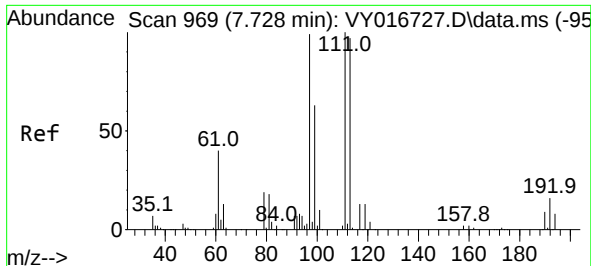
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.4 0.0 29.0

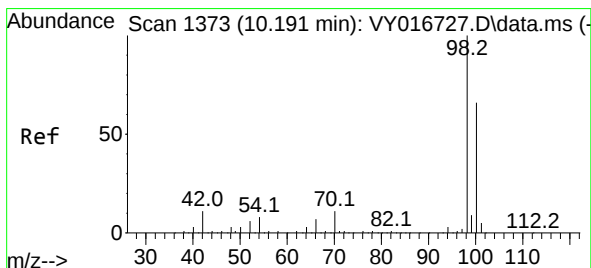
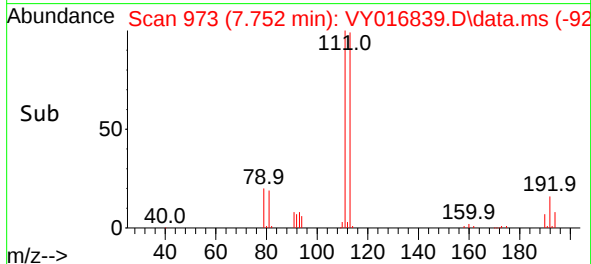
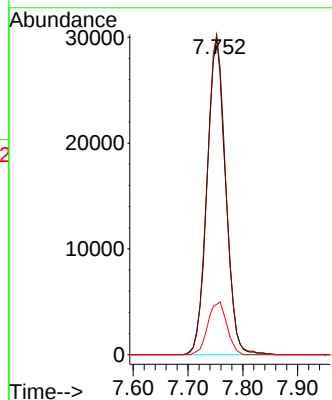
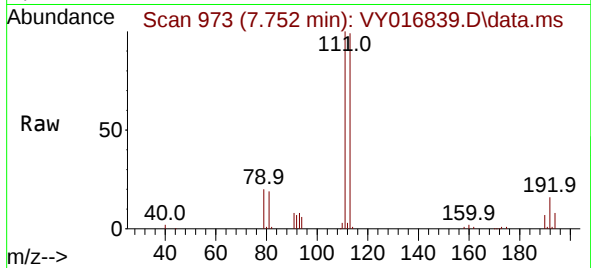




#35
Dibromofluoromethane
Concen: 53.599 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY016839.D
Acq: 23 Dec 2023 05:08

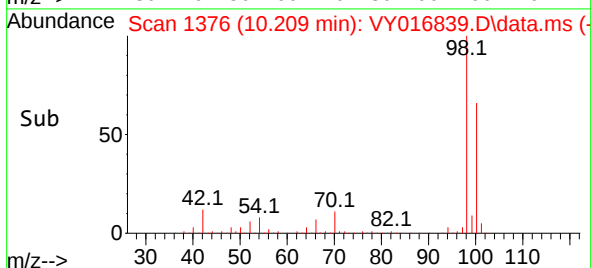
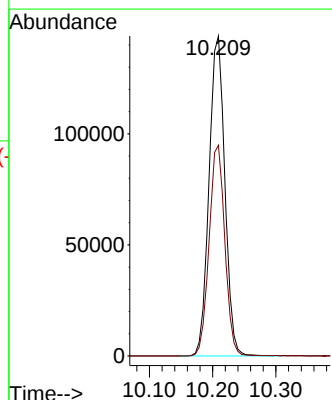
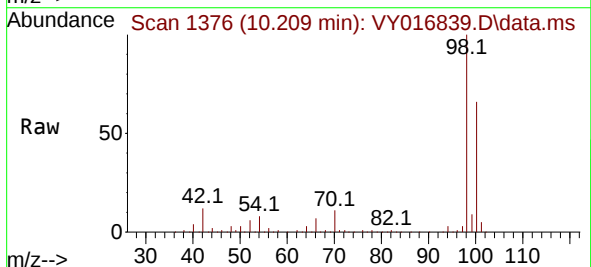
Instrument :
MSVOA_Y
ClientSampleId :
COM59

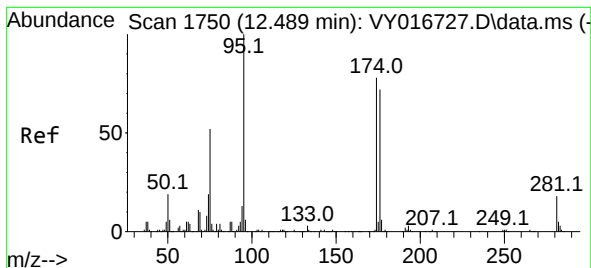
Tgt Ion:113 Resp: 70080
Ion Ratio Lower Upper
113 100
111 101.4 83.8 125.6
192 17.1 14.5 21.7



#50
Toluene-d8
Concen: 53.131 ug/l
RT: 10.209 min Scan# 1376
Delta R.T. 0.018 min
Lab File: VY016839.D
Acq: 23 Dec 2023 05:08

Tgt Ion: 98 Resp: 250424
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5

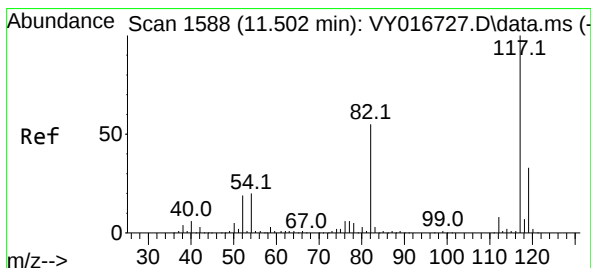
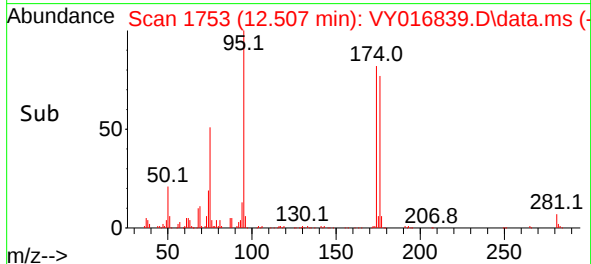
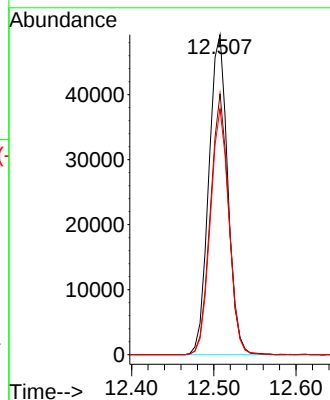
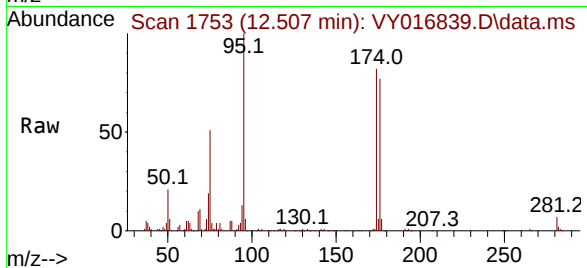




#62
4-Bromofluorobenzene
Concen: 51.360 ug/l
RT: 12.507 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY016839.D
Acq: 23 Dec 2023 05:08

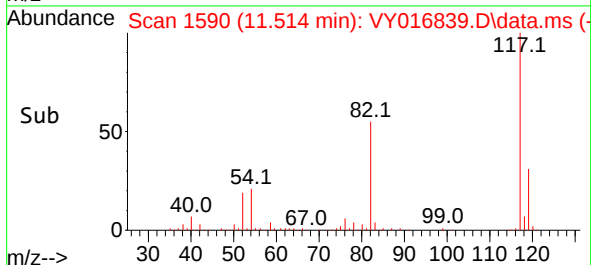
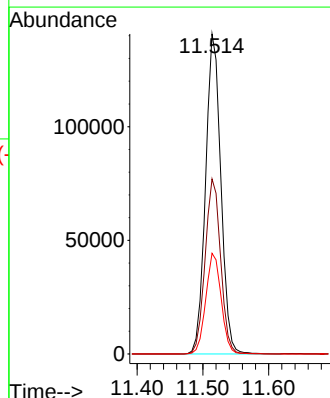
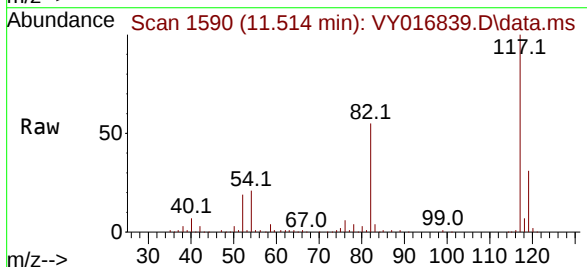
Instrument :
MSVOA_Y
ClientSampleId :
COM59

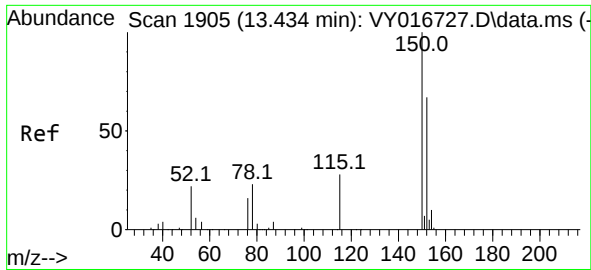
Tgt Ion: 95 Resp: 78537
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.0
176 75.6 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016839.D
Acq: 23 Dec 2023 05:08

Tgt Ion: 117 Resp: 227809
Ion Ratio Lower Upper
117 100
82 54.7 43.8 65.8
119 31.4 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016839.D

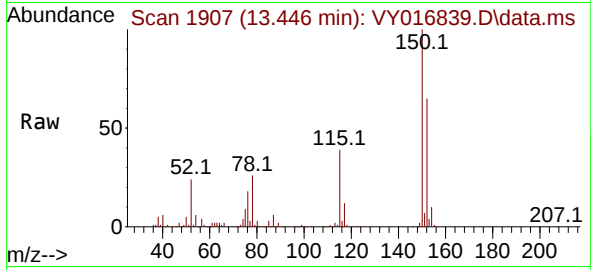
Acq: 23 Dec 2023 05:08

Instrument :

MSVOA_Y

ClientSampleId :

COM59



Tgt Ion:152 Resp: 82314

Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 158.6 0.0 344.6

