

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016826.D
 Acq On : 22 Dec 2023 22:14
 Operator : SY/MD
 Sample : 05957-03
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM01

Quant Time: Dec 22 23:06:54 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)

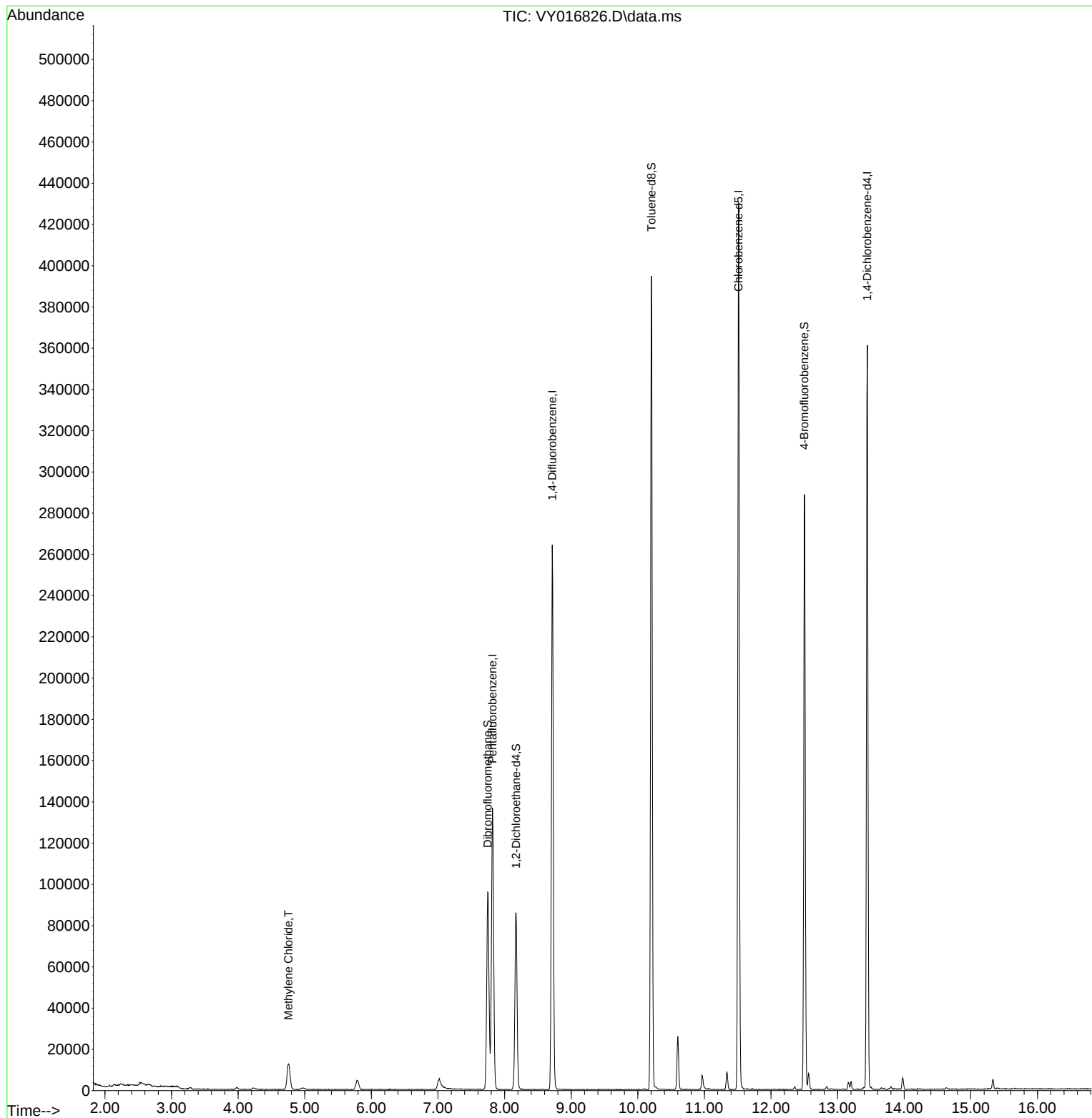
Internal Standards						
1) Pentafluorobenzene	7.819	168	101748	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	224119	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	229193	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	88827	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	67628	72.808	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.620%	
35) Dibromofluoromethane	7.746	113	70242	54.714	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.420%	
50) Toluene-d8	10.203	98	254208	54.928	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.860%	
62) 4-Bromofluorobenzene	12.502	95	85137	56.703	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.400%	
Target Compounds						
20) Methylene Chloride	4.753	84	10130	5.130	ug/l	Qvalue 96

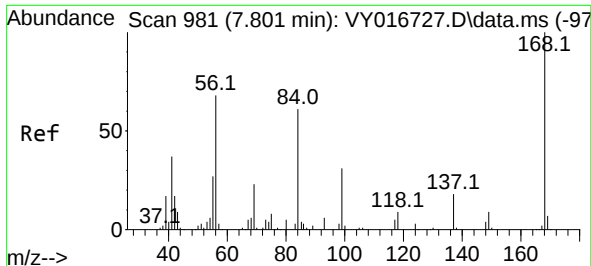
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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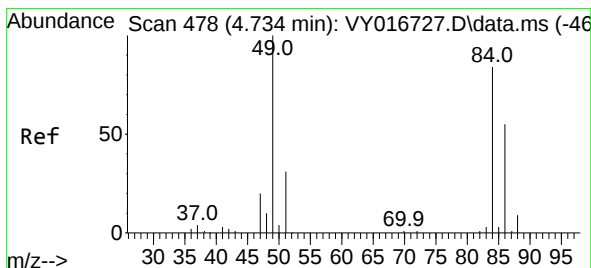
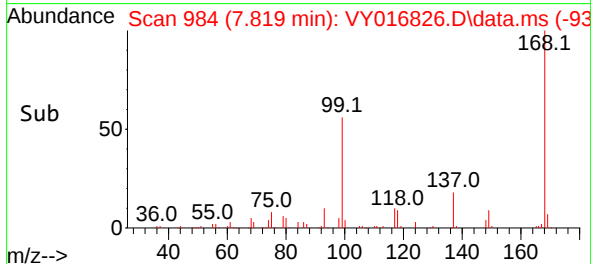
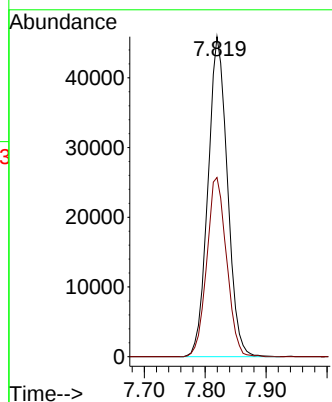
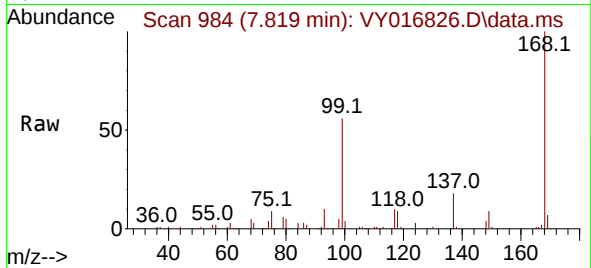




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY016826.D
Acq: 22 Dec 2023 22:14

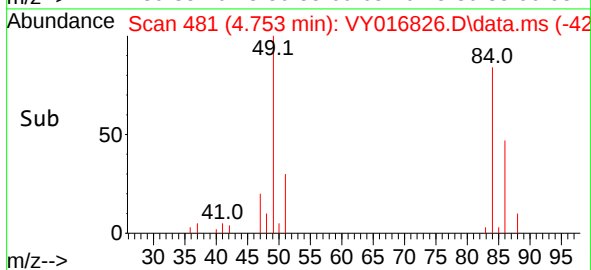
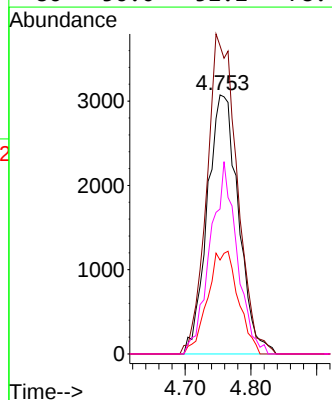
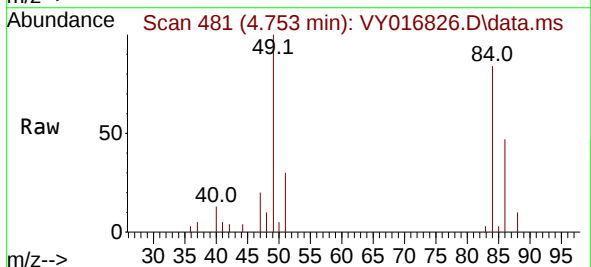
Instrument :
MSVOA_Y
ClientSampleId :
COM01

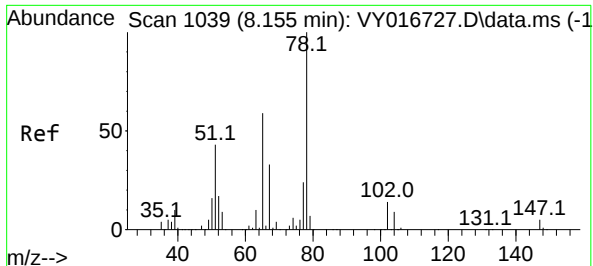
Tgt Ion:168 Resp: 101748
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#20
Methylene Chloride
Concen: 5.130 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY016826.D
Acq: 22 Dec 2023 22:14

Tgt Ion: 84 Resp: 10130
Ion Ratio Lower Upper
84 100
49 119.0 95.2 142.8
51 36.3 29.9 44.9
86 56.0 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 72.808 ug/l

RT: 8.173 min Scan# 1103

Delta R.T. 0.018 min

Lab File: VY016826.D

Acq: 22 Dec 2023 22:14

Instrument :

MSVOA_Y

ClientSampleId :

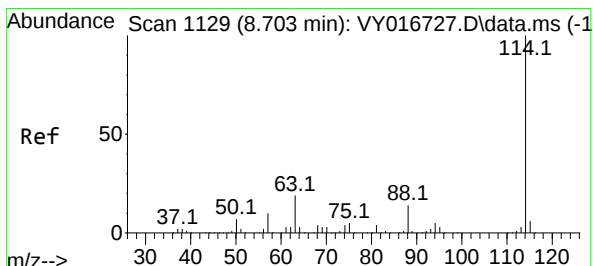
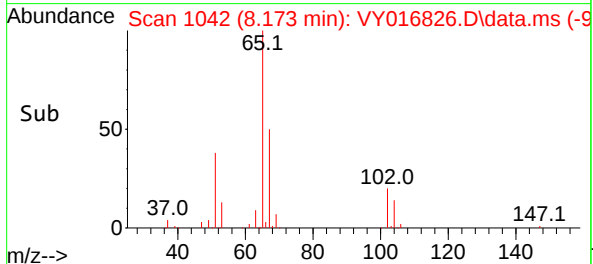
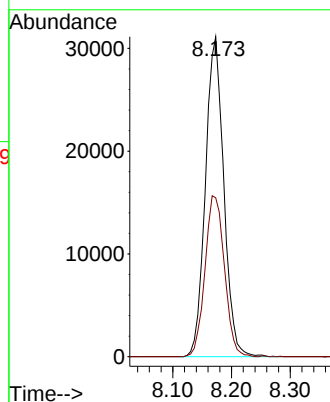
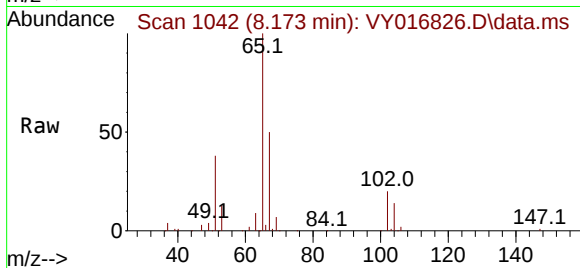
COM01

Tgt Ion: 65 Resp: 67628

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY016826.D

Acq: 22 Dec 2023 22:14

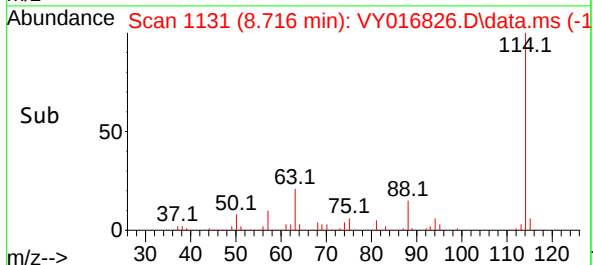
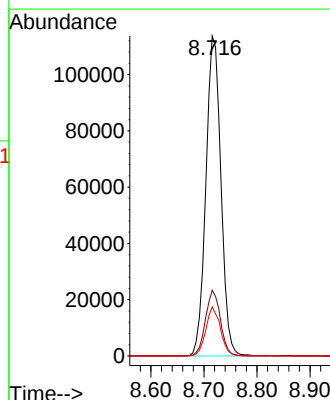
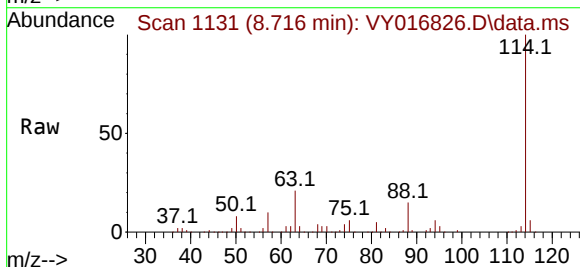
Tgt Ion: 114 Resp: 224119

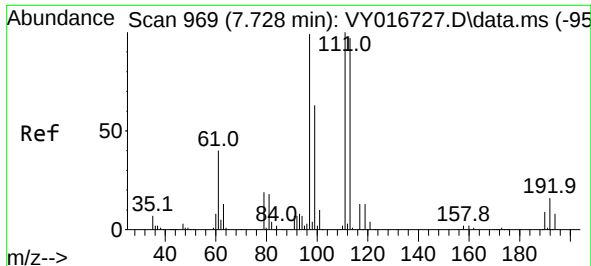
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.4 0.0 29.0

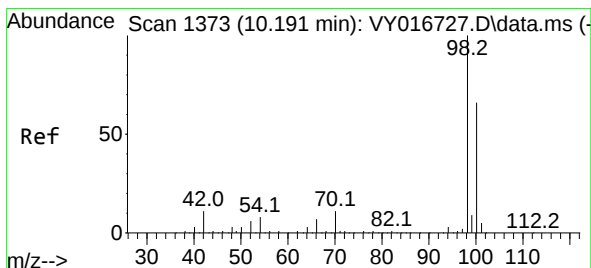
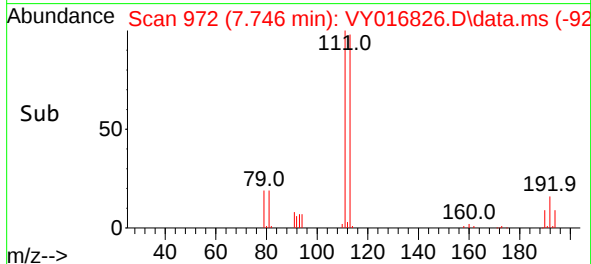
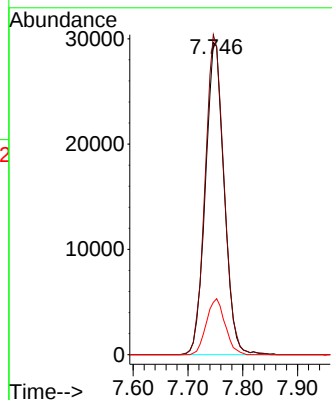
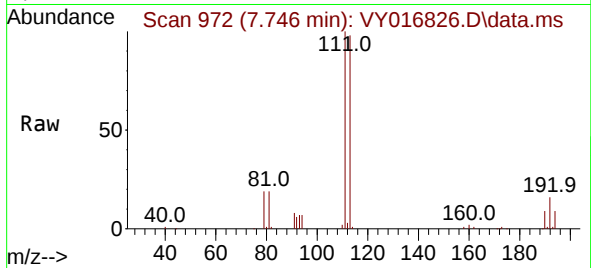




#35
Dibromofluoromethane
Concen: 54.714 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY016826.D
Acq: 22 Dec 2023 22:14

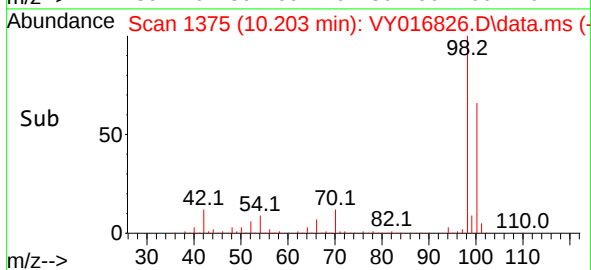
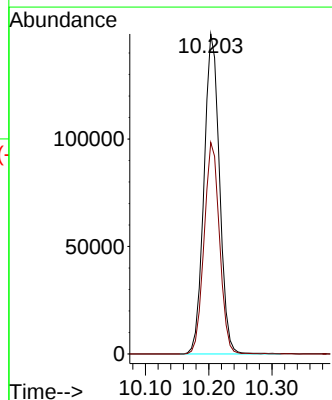
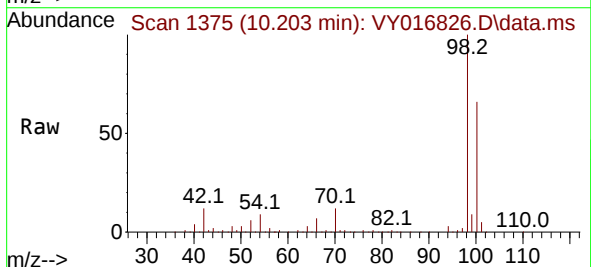
Instrument :
MSVOA_Y
ClientSampleId :
COM01

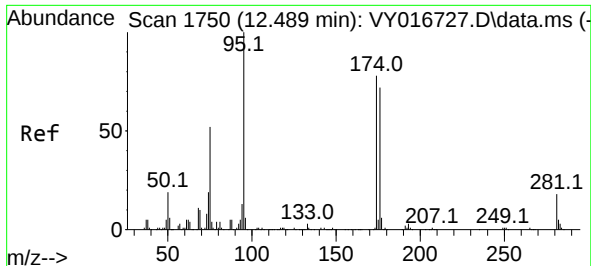
Tgt Ion:113 Resp: 70242
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 17.9 14.5 21.7



#50
Toluene-d8
Concen: 54.928 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016826.D
Acq: 22 Dec 2023 22:14

Tgt Ion: 98 Resp: 254208
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5

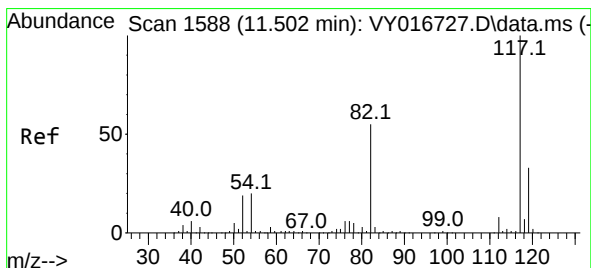
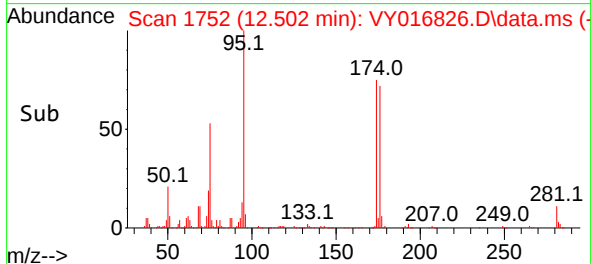
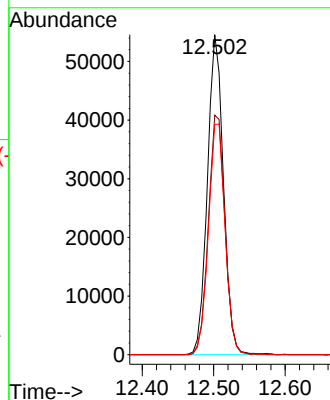
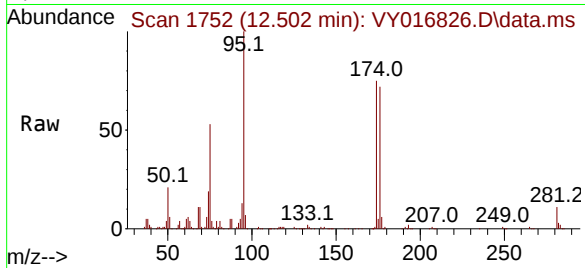




#62
4-Bromofluorobenzene
Concen: 56.703 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016826.D
Acq: 22 Dec 2023 22:14

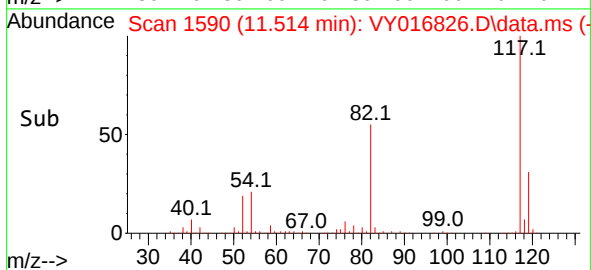
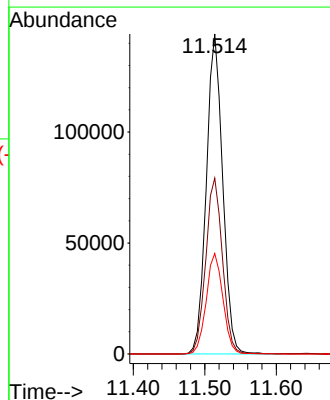
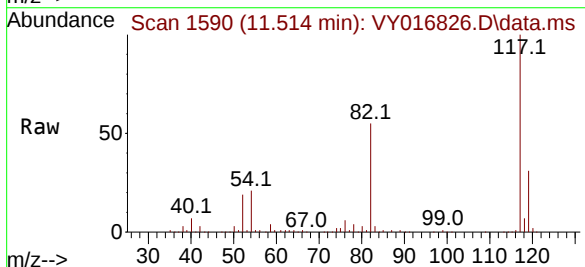
Instrument :
MSVOA_Y
ClientSampleId :
COM01

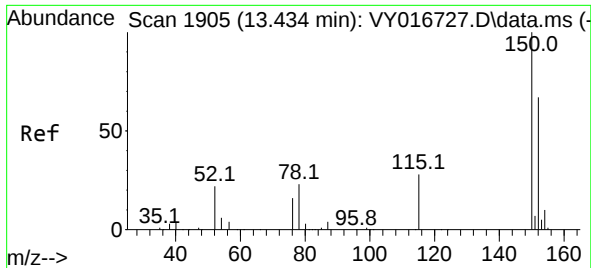
Tgt Ion: 95 Resp: 85137
Ion Ratio Lower Upper
95 100
174 77.6 0.0 160.0
176 74.6 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016826.D
Acq: 22 Dec 2023 22:14

Tgt Ion: 117 Resp: 229193
Ion Ratio Lower Upper
117 100
82 54.9 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: VY016826.D

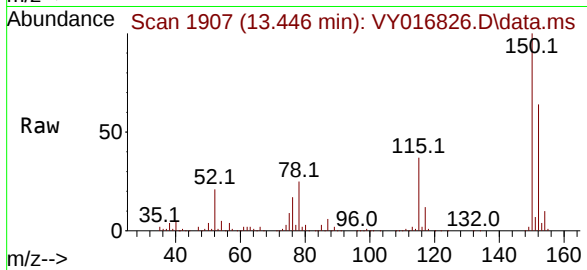
Acq: 22 Dec 2023 22:14

Instrument :

MSVOA_Y

ClientSampleId :

COM01



Tgt Ion:152 Resp: 88827

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 158.5 0.0 344.6

