

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016787.D
 Acq On : 22 Dec 2023 04:11
 Operator : SY/MD
 Sample : 05876-15
 Misc : 3.72g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLY0

Quant Time: Dec 22 06:41:23 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)

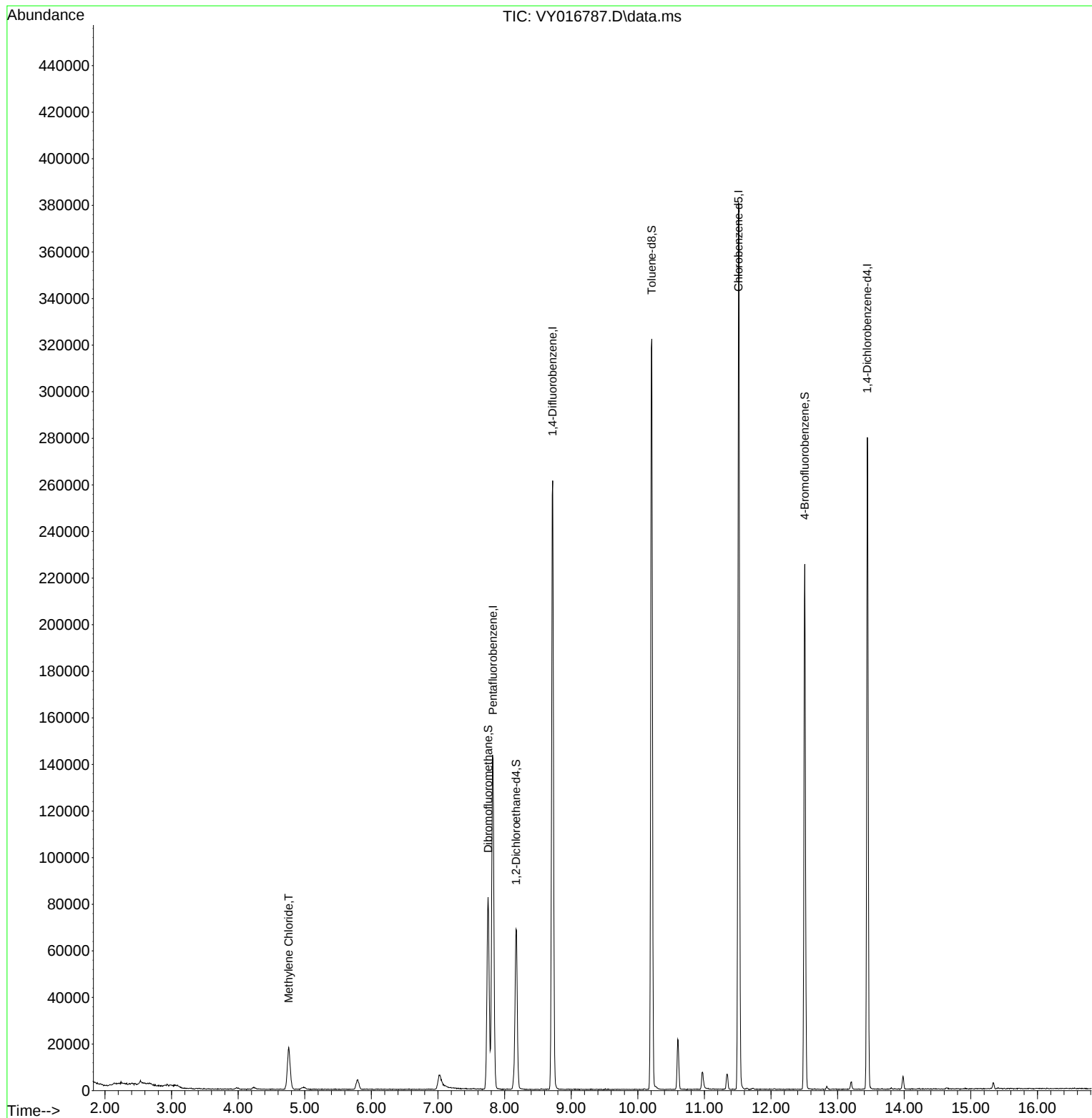
Internal Standards						
1) Pentafluorobenzene	7.825	168	111636	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.721	114	226940	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	203330	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	68738	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	53620	52.614	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.220%
35) Dibromofluoromethane	7.752	113	59956	46.121	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.240%
50) Toluene-d8	10.209	98	218128	46.546	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.100%
62) 4-Bromofluorobenzene	12.507	95	65748	43.245	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.500%
Target Compounds						Qvalue
20) Methylene Chloride	4.759	84	12746	6.316	ug/l	94

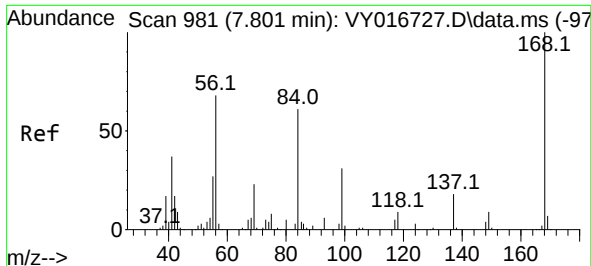
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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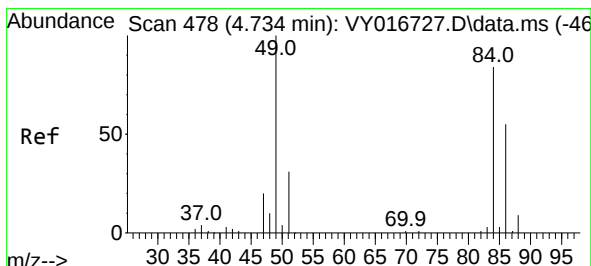
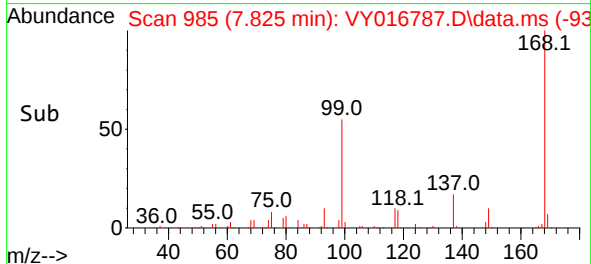
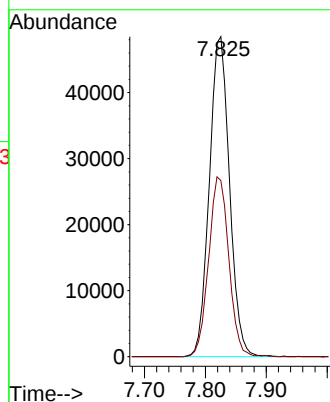
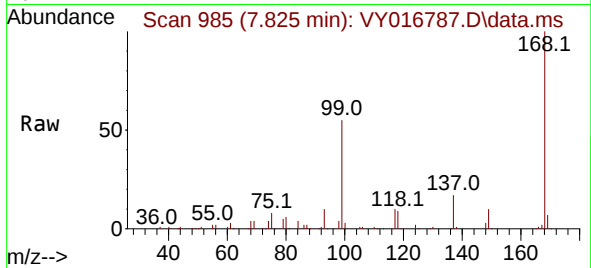




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 981
Delta R.T. 0.024 min
Lab File: VY016787.D
Acq: 22 Dec 2023 04:11

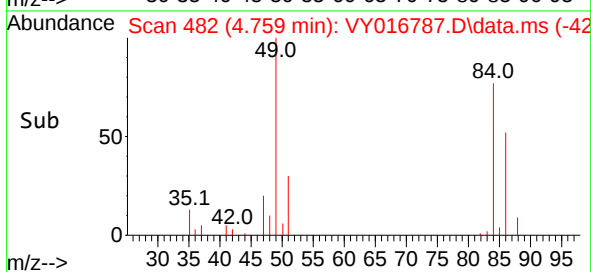
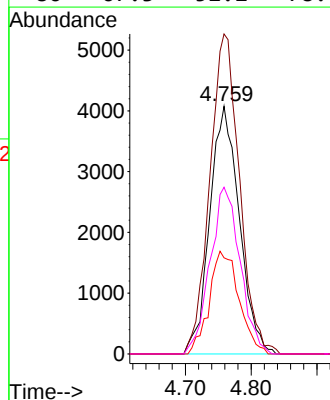
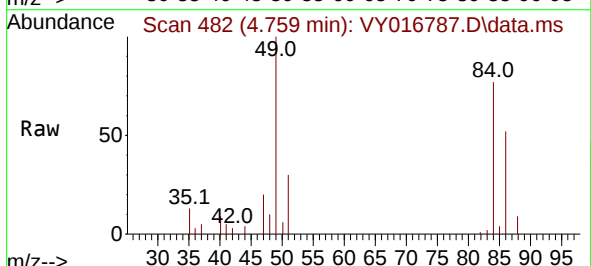
Instrument :
MSVOA_Y
ClientSampleId :
COLY0

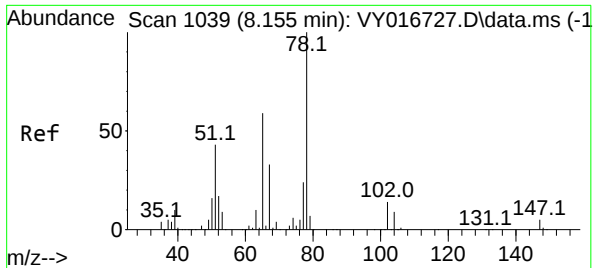
Tgt Ion:168 Resp: 111636
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#20
Methylene Chloride
Concen: 6.316 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY016787.D
Acq: 22 Dec 2023 04:11

Tgt Ion: 84 Resp: 12746
Ion Ratio Lower Upper
84 100
49 129.2 95.2 142.8
51 38.8 29.9 44.9
86 67.3 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 52.614 ug/l

RT: 8.173 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY016787.D

Acq: 22 Dec 2023 04:11

Instrument :

MSVOA_Y

ClientSampleId :

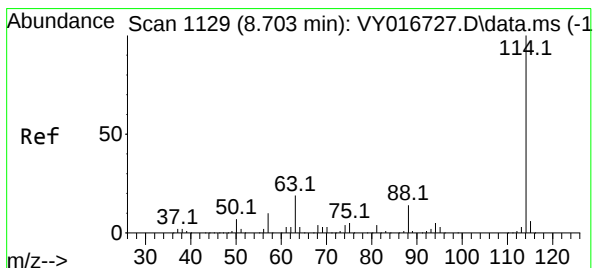
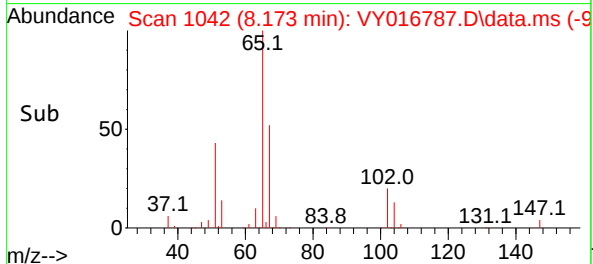
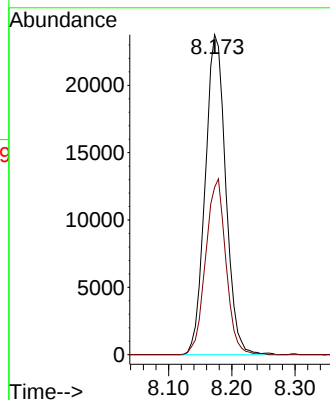
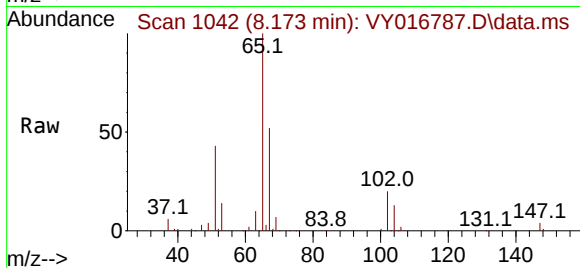
COLY0

Tgt Ion: 65 Resp: 53620

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.721 min Scan# 1132

Delta R.T. 0.018 min

Lab File: VY016787.D

Acq: 22 Dec 2023 04:11

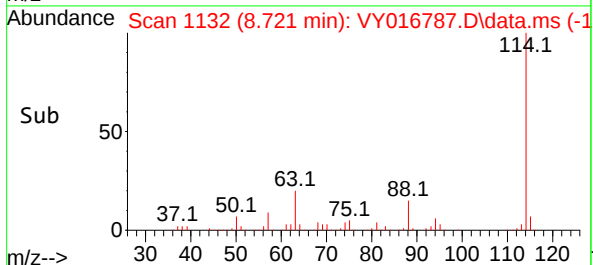
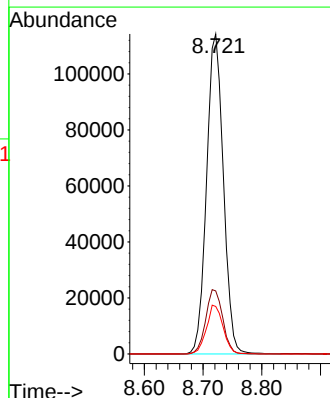
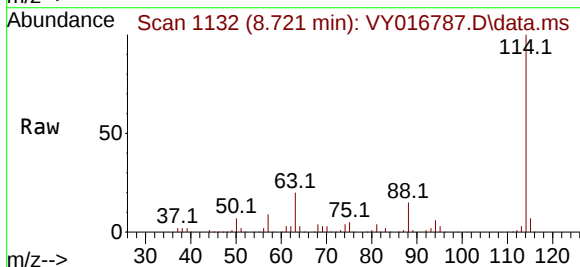
Tgt Ion: 114 Resp: 226940

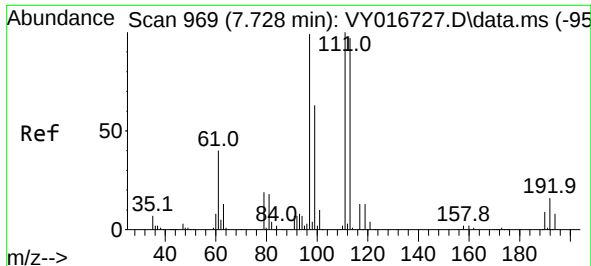
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.8 0.0 29.0

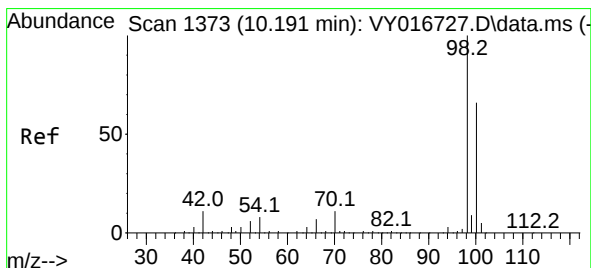
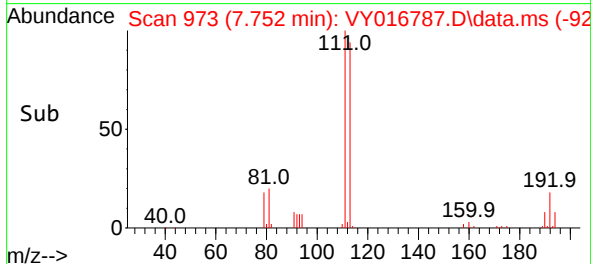
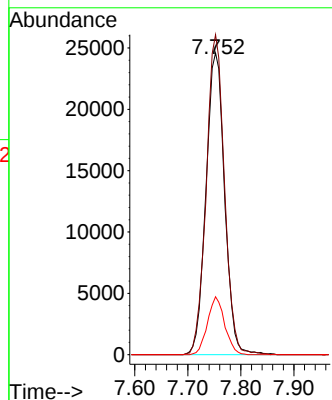
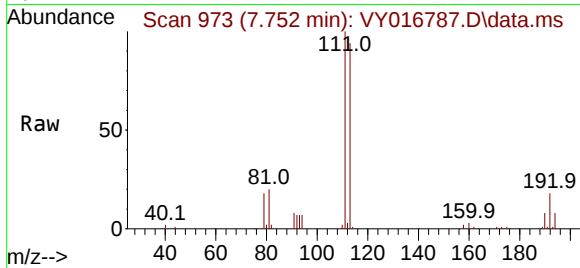




#35
Dibromofluoromethane
Concen: 46.121 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY016787.D
Acq: 22 Dec 2023 04:11

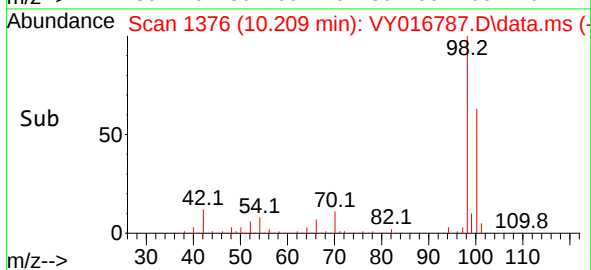
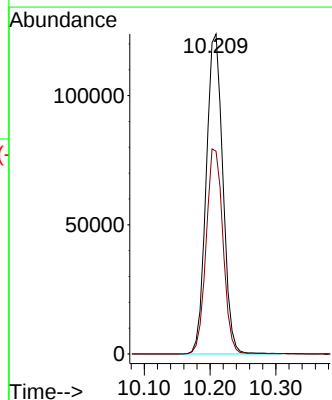
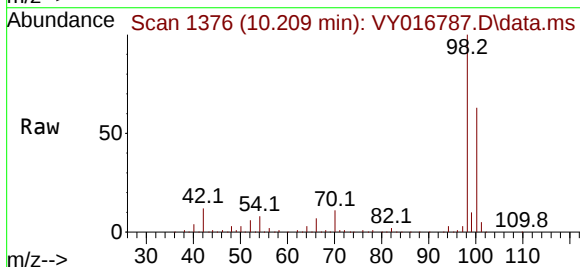
Instrument :
MSVOA_Y
ClientSampleId :
COLY0

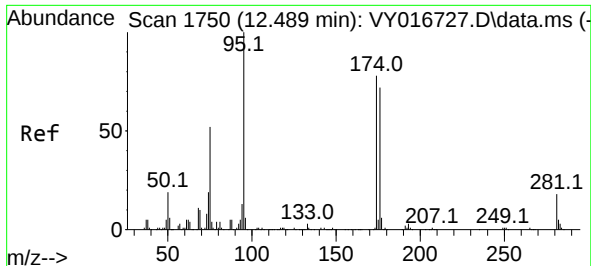
Tgt Ion:113 Resp: 59956
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.6
192 17.8 14.5 21.7



#50
Toluene-d8
Concen: 46.546 ug/l
RT: 10.209 min Scan# 1376
Delta R.T. 0.018 min
Lab File: VY016787.D
Acq: 22 Dec 2023 04:11

Tgt Ion: 98 Resp: 218128
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5

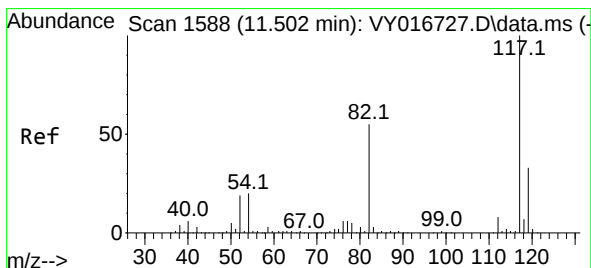
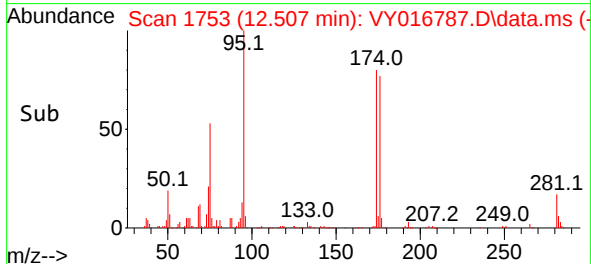
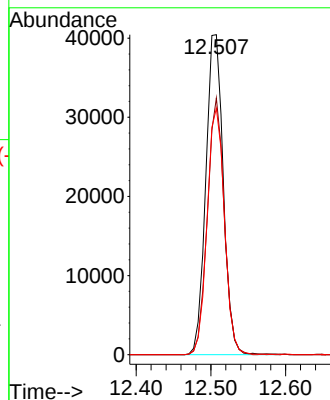
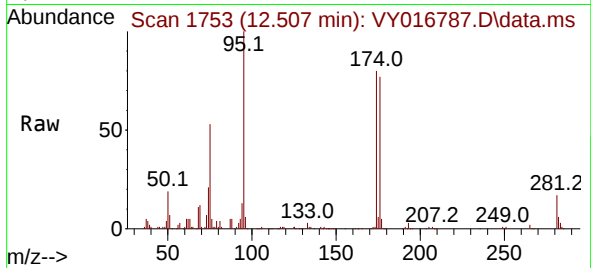




#62
4-Bromofluorobenzene
Concen: 43.245 ug/l
RT: 12.507 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY016787.D
Acq: 22 Dec 2023 04:11

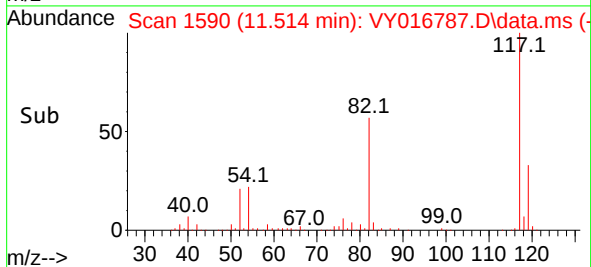
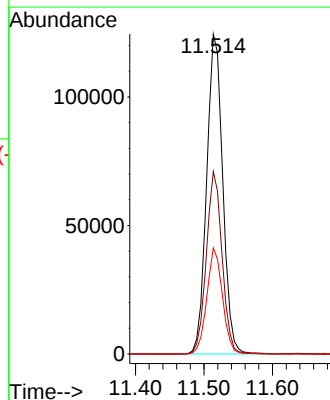
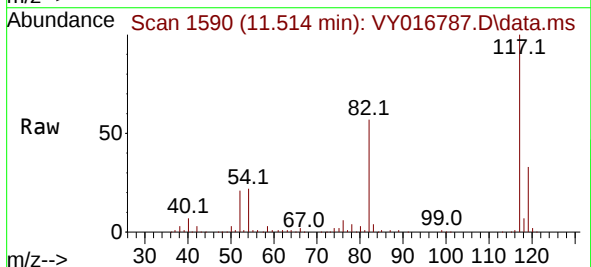
Instrument :
MSVOA_Y
ClientSampleId :
COLY0

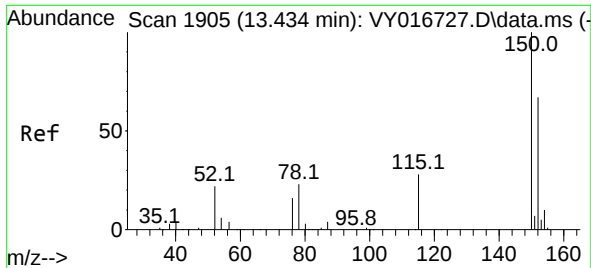
Tgt Ion: 95 Resp: 65748
Ion Ratio Lower Upper
95 100
174 77.5 0.0 160.0
176 76.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016787.D
Acq: 22 Dec 2023 04:11

Tgt Ion: 117 Resp: 203330
Ion Ratio Lower Upper
117 100
82 57.0 43.8 65.8
119 33.2 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: VY016787.D

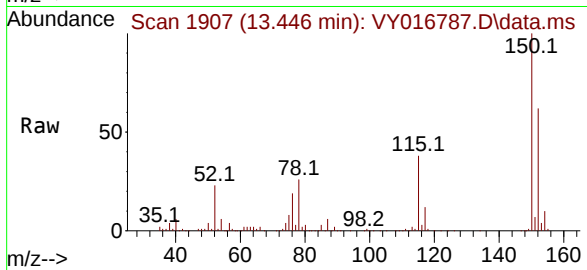
Acq: 22 Dec 2023 04:11

Instrument :

MSVOA_Y

ClientSampleId :

COLY0



Tgt Ion:152 Resp: 68738

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 159.7 0.0 344.6

