

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016837.D
 Acq On : 23 Dec 2023 04:21
 Operator : SY/MD
 Sample : 05957-09
 Misc : 2.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM43

Quant Time: Dec 23 05:35:51 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)

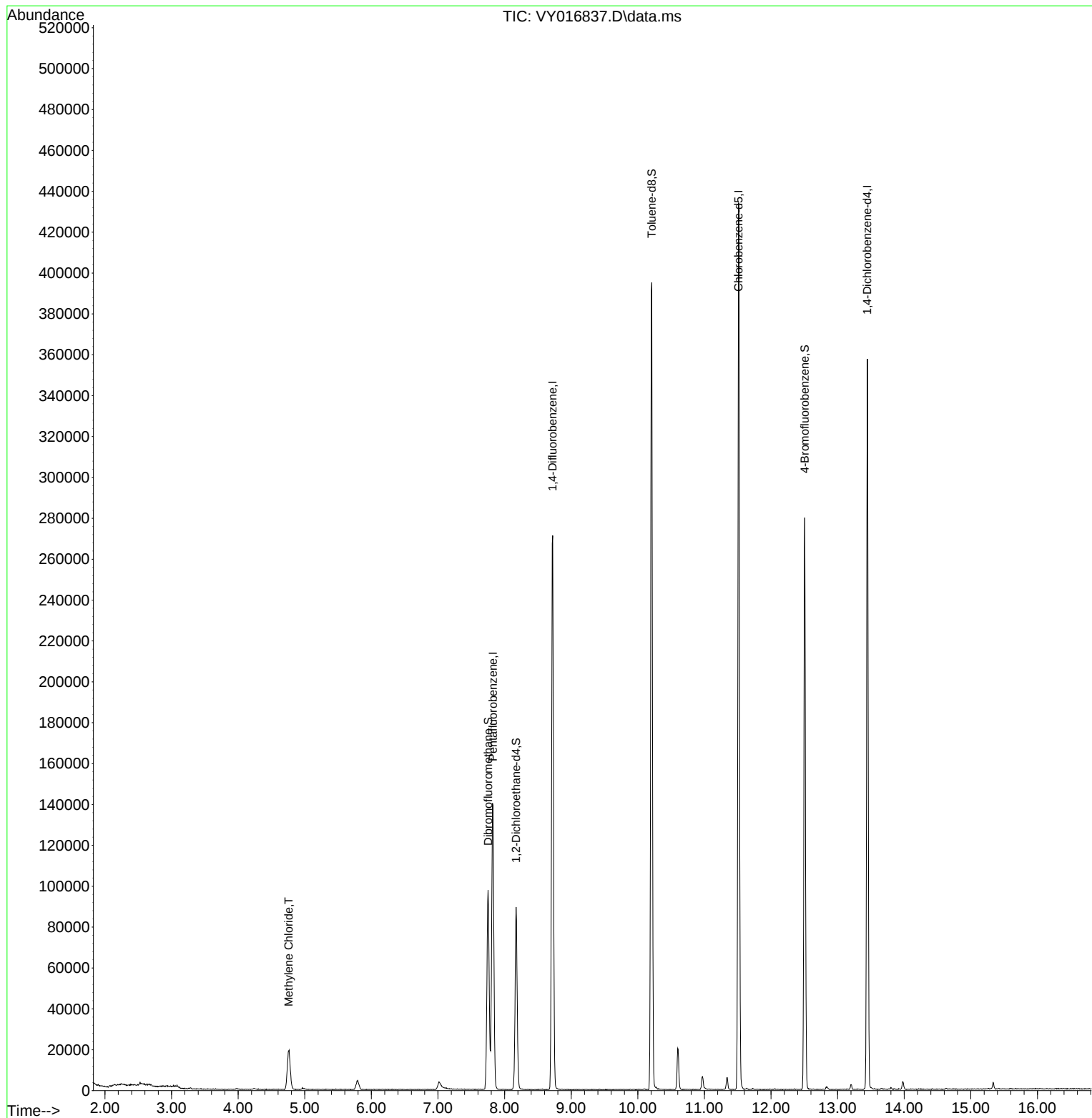
Internal Standards						
1) Pentafluorobenzene	7.826	168	106085	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	234992	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	234073	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	87991	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	66586	68.756	ug/l	0.02
Spiked Amount	50.000	Range 50 - 163	Recovery	=	137.520%	
35) Dibromofluoromethane	7.752	113	70513	52.383	ug/l	0.02
Spiked Amount	50.000	Range 54 - 147	Recovery	=	104.760%	
50) Toluene-d8	10.209	98	261136	53.815	ug/l	0.02
Spiked Amount	50.000	Range 58 - 134	Recovery	=	107.620%	
62) 4-Bromofluorobenzene	12.508	95	83440	53.001	ug/l	0.02
Spiked Amount	50.000	Range 30 - 143	Recovery	=	106.000%	
Target Compounds						Qvalue
20) Methylene Chloride	4.759	84	14808	8.387	ug/l	98

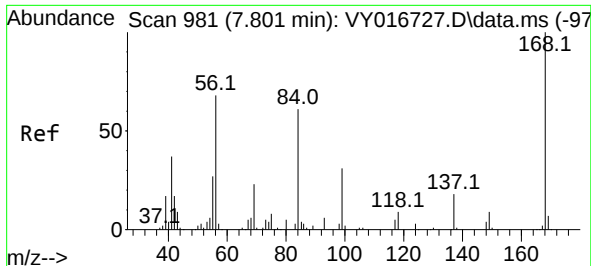
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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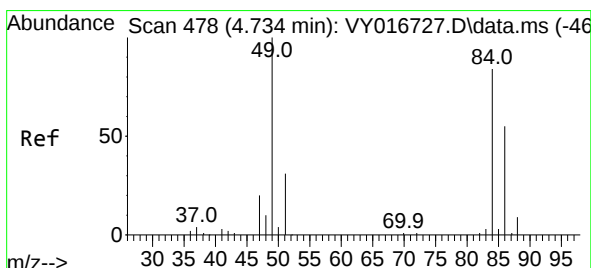
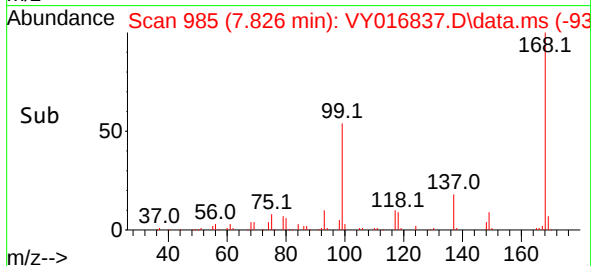
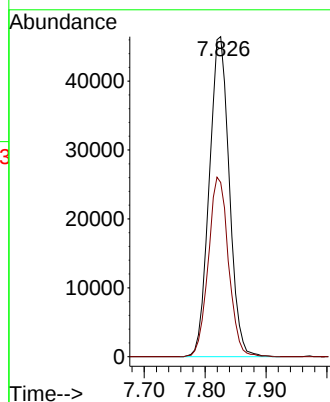
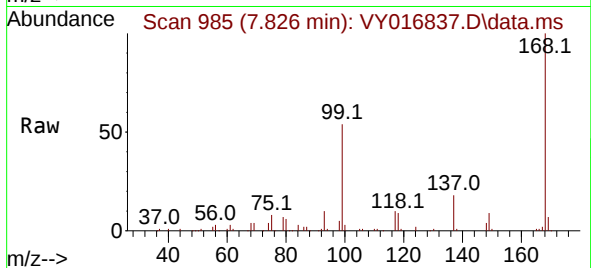




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016837.D
Acq: 23 Dec 2023 04:21

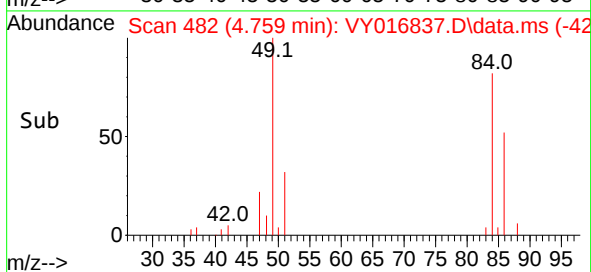
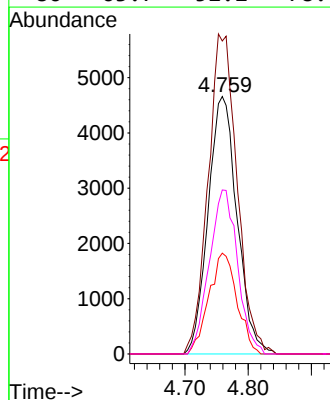
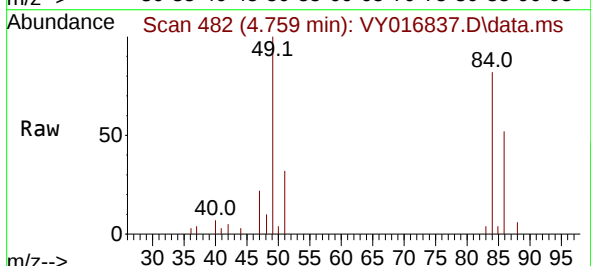
Instrument :
MSVOA_Y
ClientSampleId :
COM43

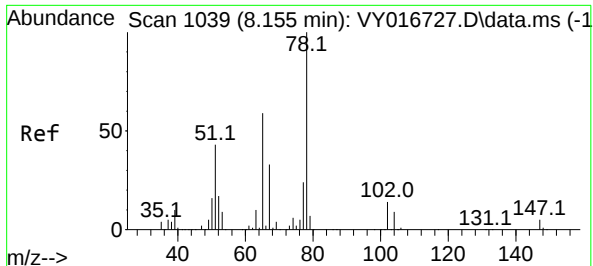
Tgt Ion:168 Resp: 106085
Ion Ratio Lower Upper
168 100
99 54.5 44.2 66.4



#20
Methylene Chloride
Concen: 8.387 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY016837.D
Acq: 23 Dec 2023 04:21

Tgt Ion: 84 Resp: 14808
Ion Ratio Lower Upper
84 100
49 121.5 95.2 142.8
51 39.2 29.9 44.9
86 63.7 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 68.756 ug/l

RT: 8.173 min Scan# 110

Delta R.T. 0.019 min

Lab File: VY016837.D

Acq: 23 Dec 2023 04:21

Instrument :

MSVOA_Y

ClientSampleId :

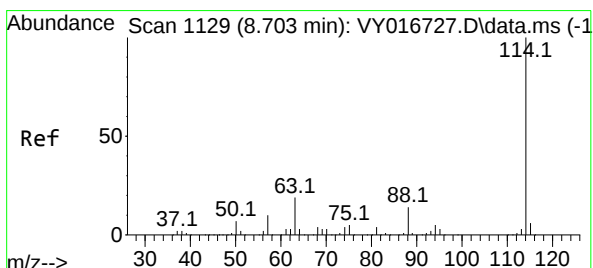
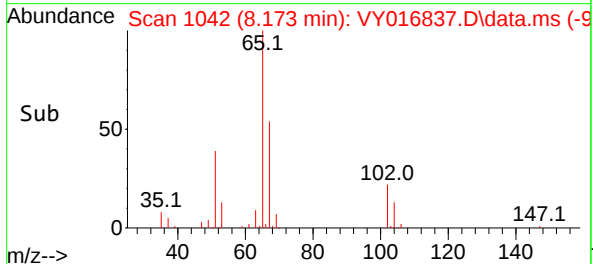
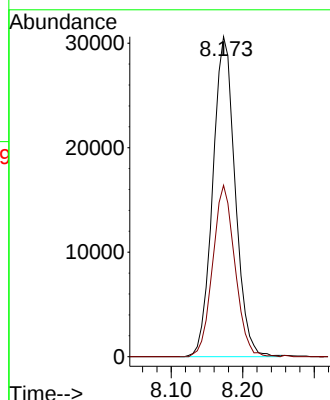
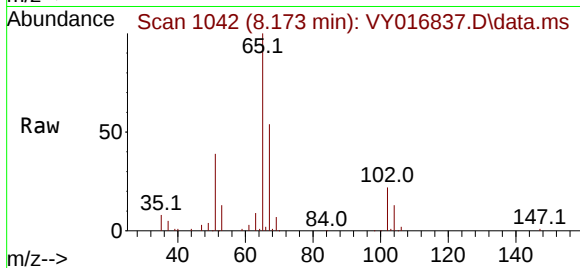
COM43

Tgt Ion: 65 Resp: 66586

Ion Ratio Lower Upper

65 100

67 53.2 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: VY016837.D

Acq: 23 Dec 2023 04:21

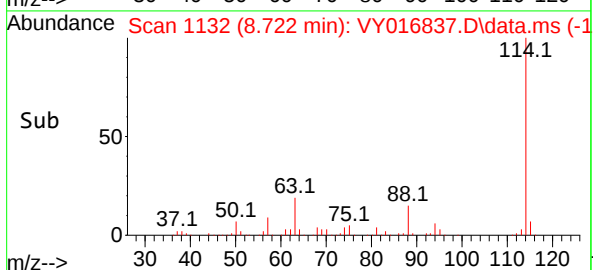
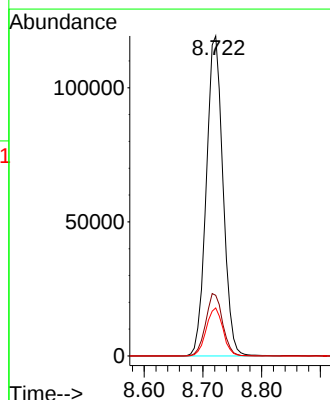
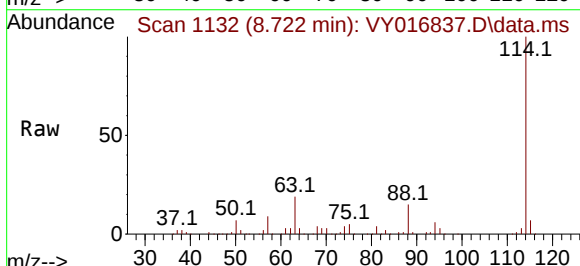
Tgt Ion: 114 Resp: 234992

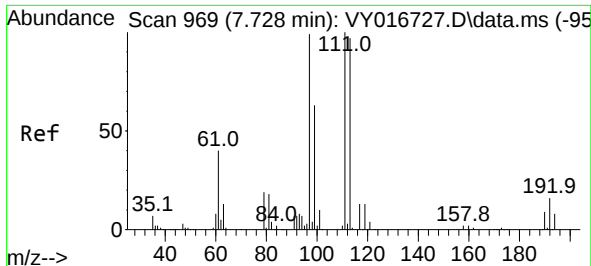
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.383 ug/l

RT: 7.752 min Scan# 91

Delta R.T. 0.025 min

Lab File: VY016837.D

Acq: 23 Dec 2023 04:21

Instrument :

MSVOA_Y

ClientSampleId :

COM43

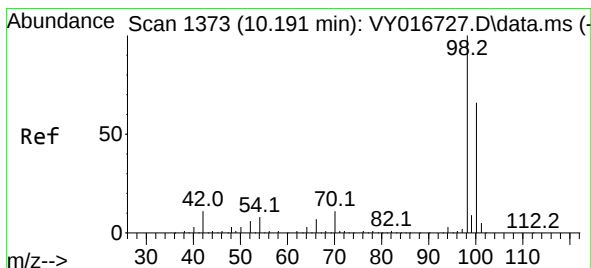
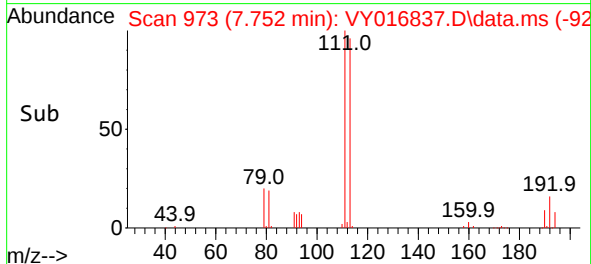
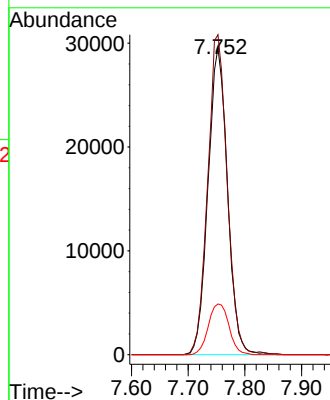
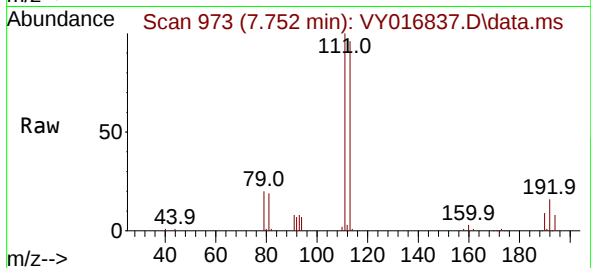
Tgt Ion:113 Resp: 70513

Ion Ratio Lower Upper

113 100

111 104.6 83.8 125.6

192 17.5 14.5 21.7



#50

Toluene-d8

Concen: 53.815 ug/l

RT: 10.209 min Scan# 1376

Delta R.T. 0.019 min

Lab File: VY016837.D

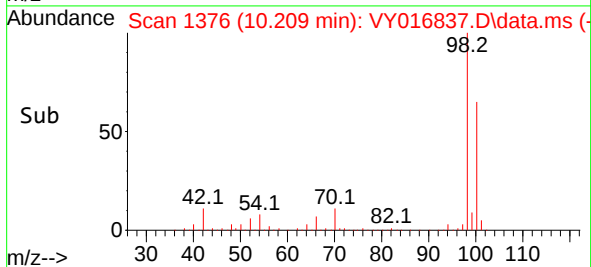
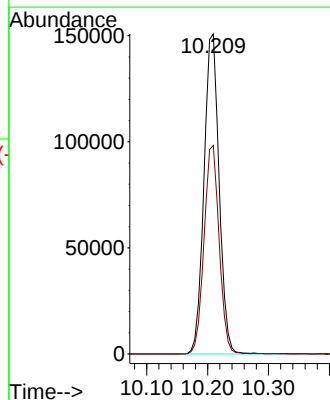
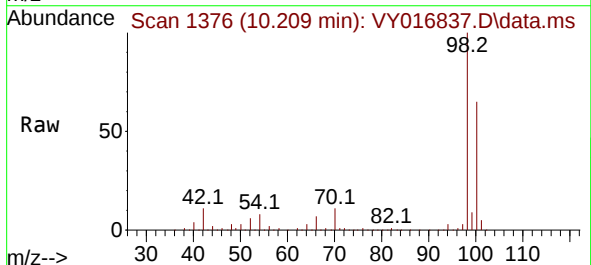
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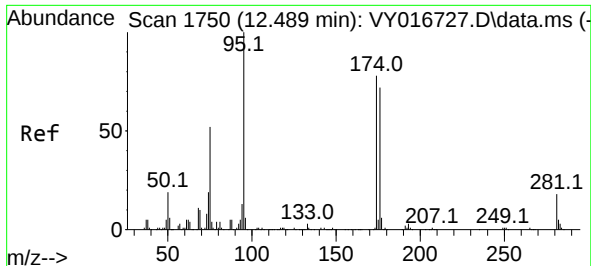
Tgt Ion: 98 Resp: 261136

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5

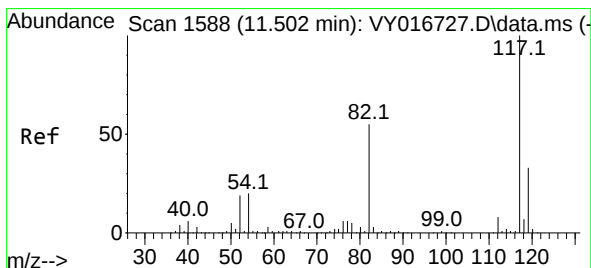
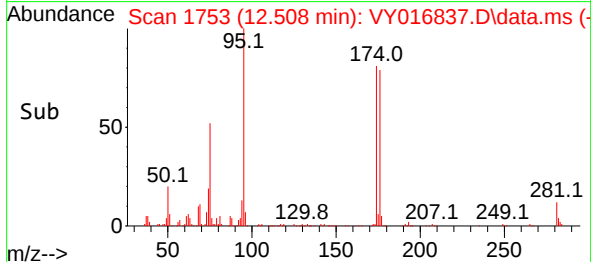
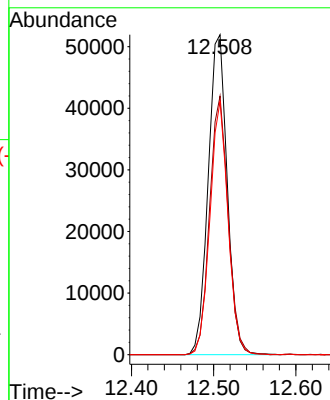
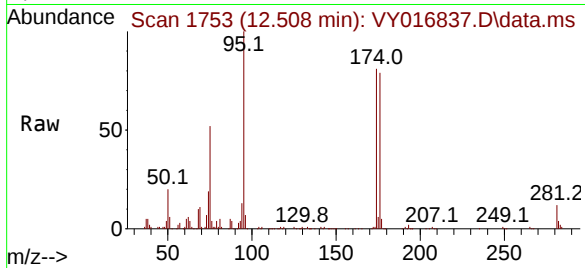




#62
4-Bromofluorobenzene
Concen: 53.001 ug/l
RT: 12.508 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY016837.D
Acq: 23 Dec 2023 04:21

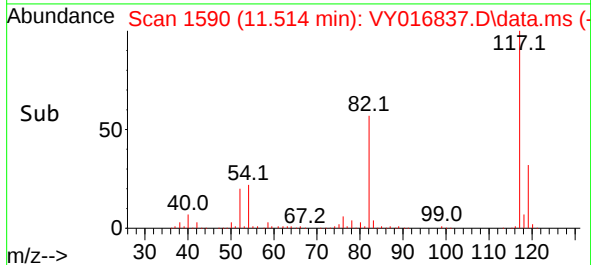
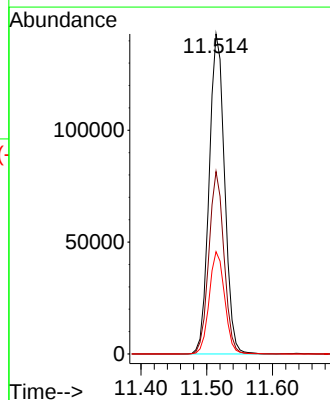
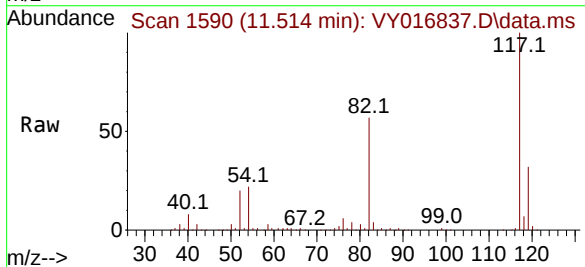
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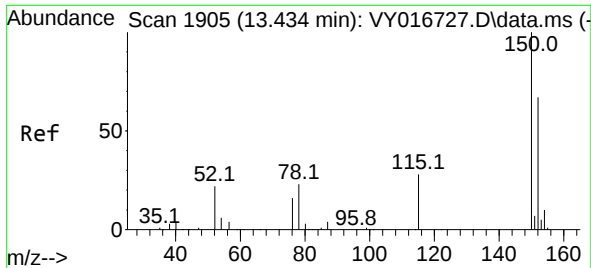
Tgt Ion: 95 Resp: 83440
Ion Ratio Lower Upper
95 100
174 79.2 0.0 160.0
176 75.3 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016837.D
Acq: 23 Dec 2023 04:21

Tgt Ion: 117 Resp: 234073
Ion Ratio Lower Upper
117 100
82 57.0 43.8 65.8
119 31.9 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016837.D

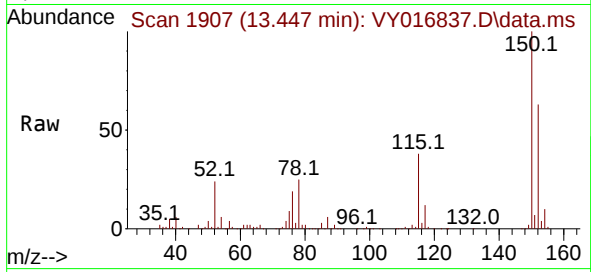
Acq: 23 Dec 2023 04:21

Instrument :

MSVOA_Y

ClientSampleId :

COM43



Tgt Ion:152 Resp: 87991

Ion Ratio Lower Upper

152 100

115 60.5 30.0 90.0

150 156.7 0.0 344.6

