

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016836.D
 Acq On : 23 Dec 2023 03:57
 Operator : SY/MD
 Sample : 05957-08
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM35

Quant Time: Dec 23 05:35:28 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)

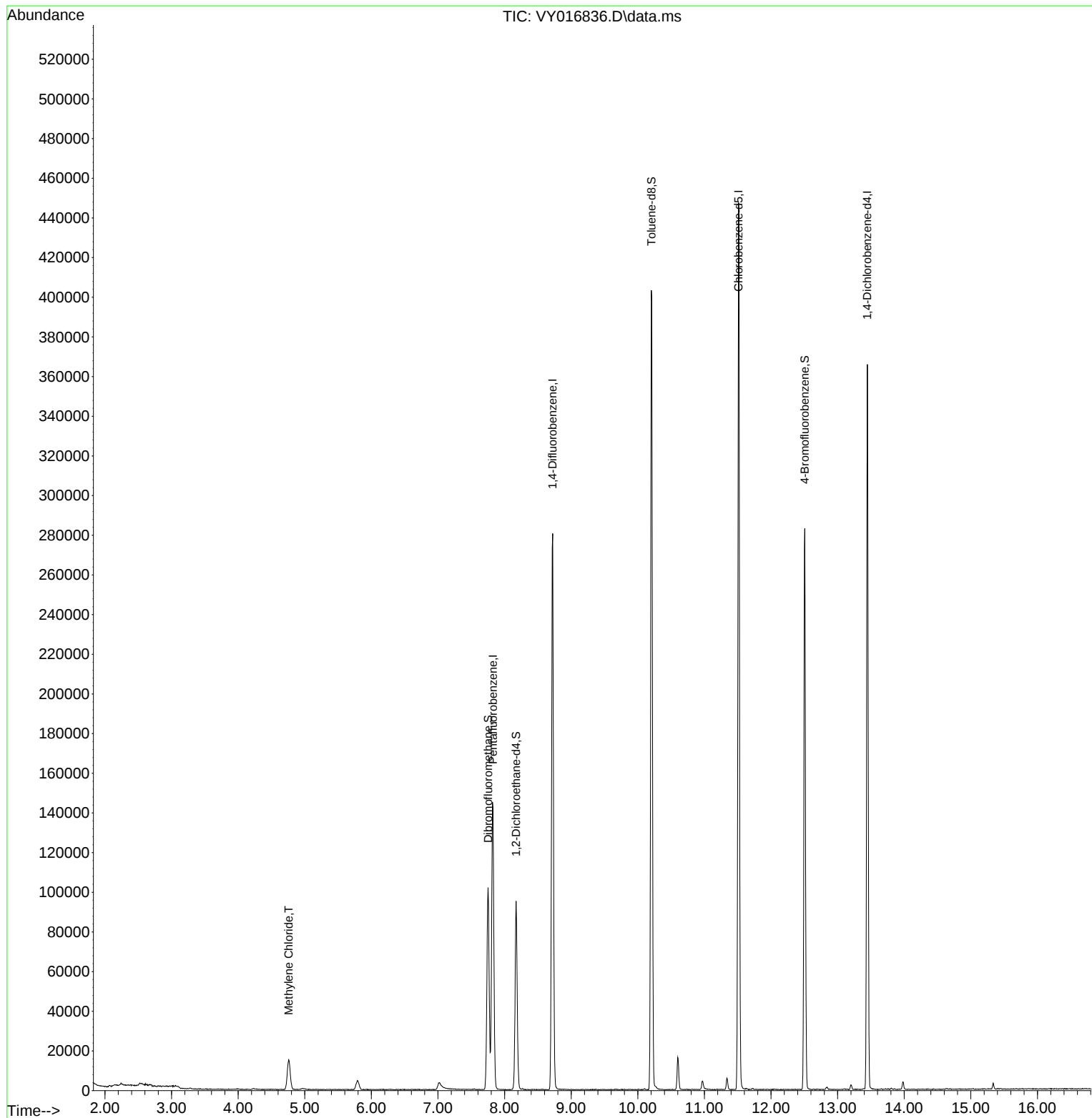
Internal Standards						
1) Pentafluorobenzene	7.825	168	110178	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	240675	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	241142	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	90219	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	70619	70.211	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.420%	
35) Dibromofluoromethane	7.752	113	73699	53.458	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.920%	
50) Toluene-d8	10.203	98	267207	53.765	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.540%	
62) 4-Bromofluorobenzene	12.508	95	86322	53.537	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.080%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.759	84	11622	5.610	ug/l	95

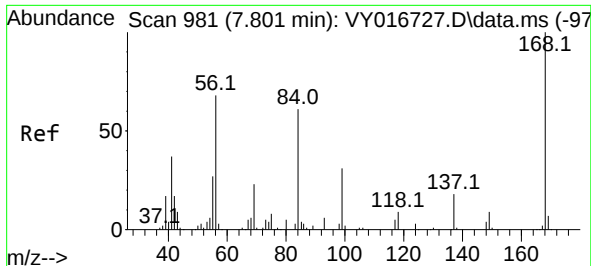
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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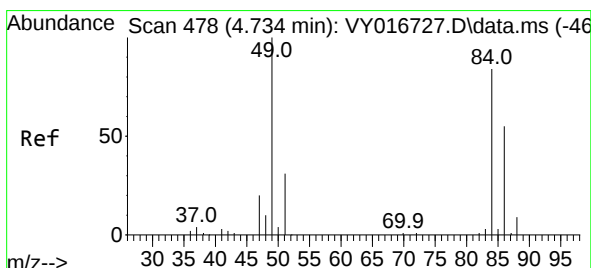
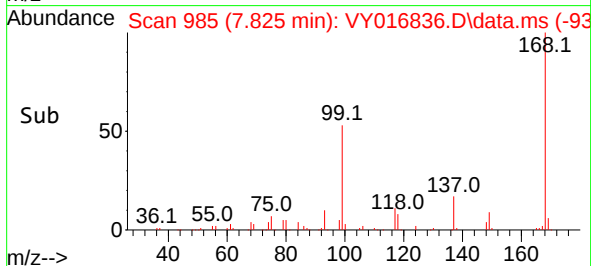
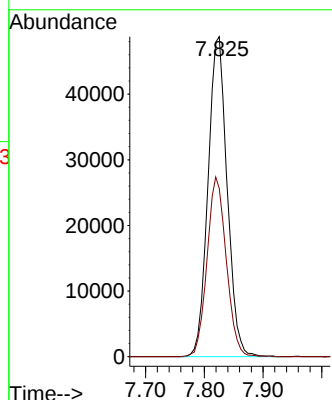
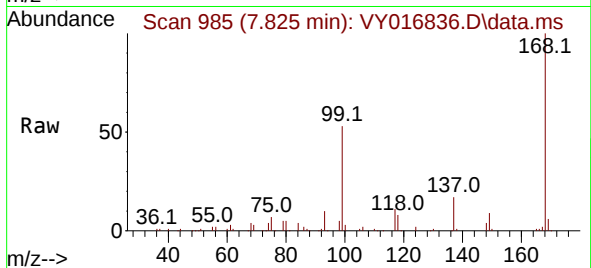




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 981
Delta R.T. 0.024 min
Lab File: VY016836.D
Acq: 23 Dec 2023 03:57

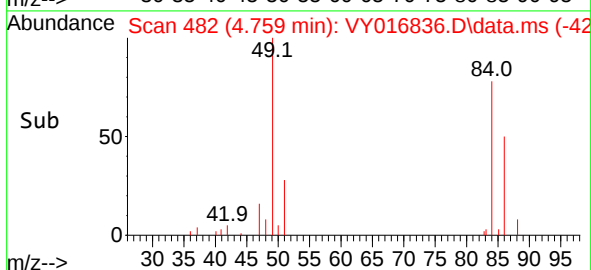
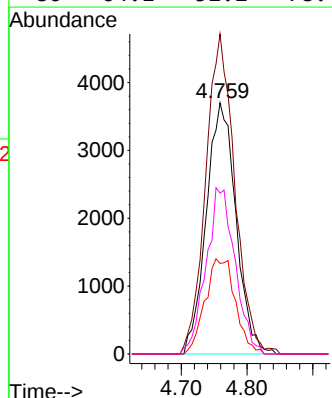
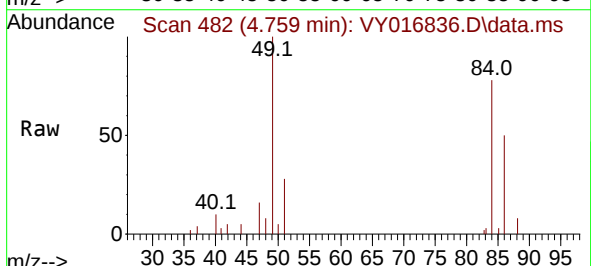
Instrument :
MSVOA_Y
ClientSampleId :
COM35

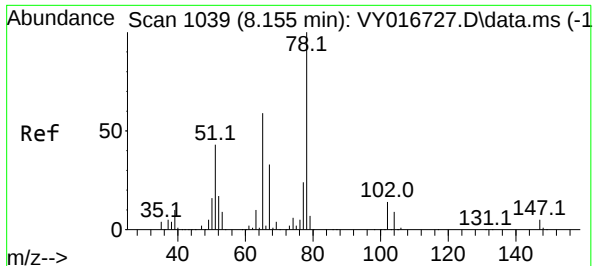
Tgt Ion:168 Resp: 110178
Ion Ratio Lower Upper
168 100
99 52.6 44.2 66.4



#20
Methylene Chloride
Concen: 5.610 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY016836.D
Acq: 23 Dec 2023 03:57

Tgt Ion: 84 Resp: 11622
Ion Ratio Lower Upper
84 100
49 127.5 95.2 142.8
51 36.1 29.9 44.9
86 64.1 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 70.211 ug/l

RT: 8.173 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY016836.D

Acq: 23 Dec 2023 03:57

Instrument :

MSVOA_Y

ClientSampleId :

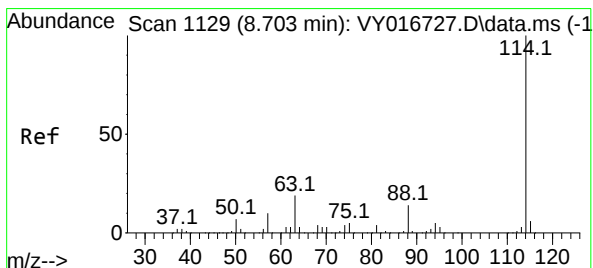
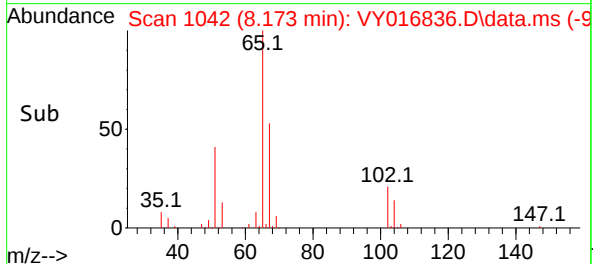
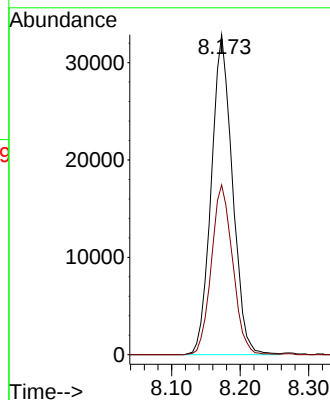
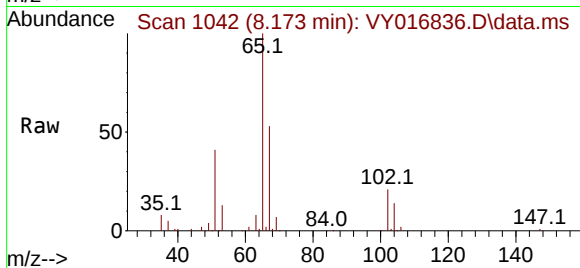
COM35

Tgt Ion: 65 Resp: 70619

Ion Ratio Lower Upper

65 100

67 53.3 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: VY016836.D

Acq: 23 Dec 2023 03:57

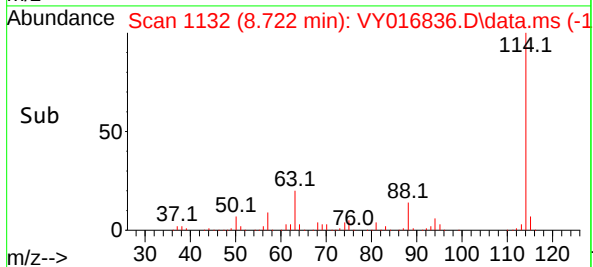
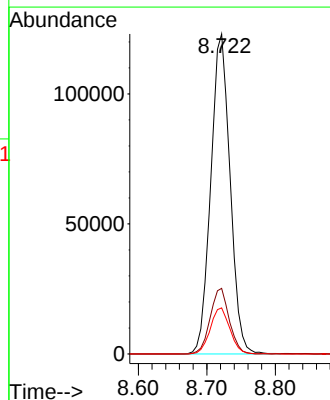
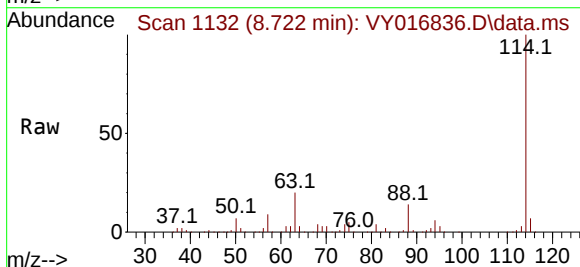
Tgt Ion: 114 Resp: 240675

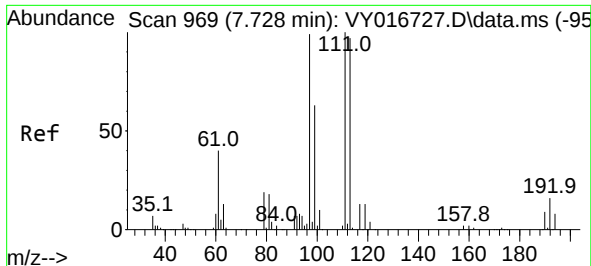
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.458 ug/l

RT: 7.752 min Scan# 91

Delta R.T. 0.025 min

Lab File: VY016836.D

Acq: 23 Dec 2023 03:57

Instrument :

MSVOA_Y

ClientSampleId :

COM35

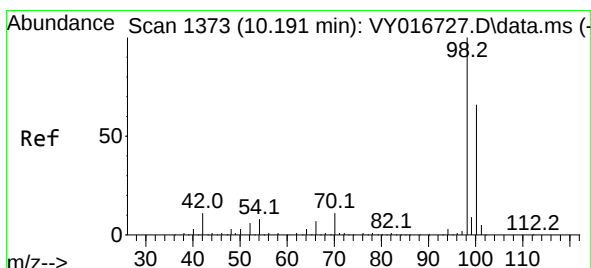
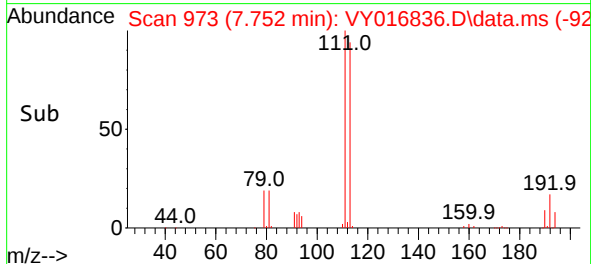
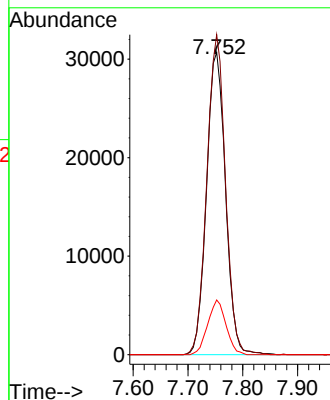
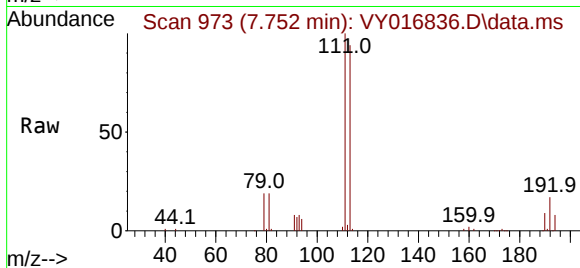
Tgt Ion:113 Resp: 73699

Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 17.4 14.5 21.7



#50

Toluene-d8

Concen: 53.765 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016836.D

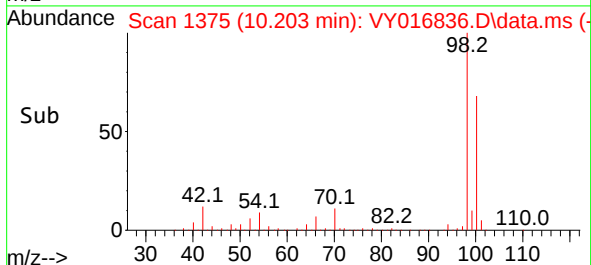
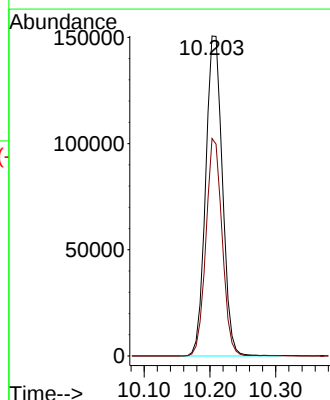
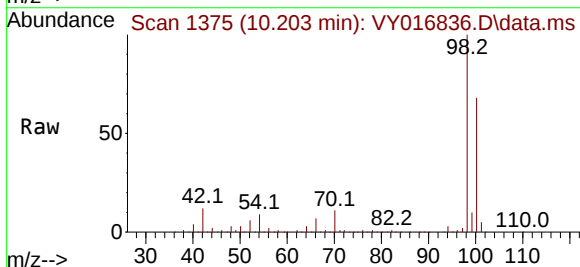
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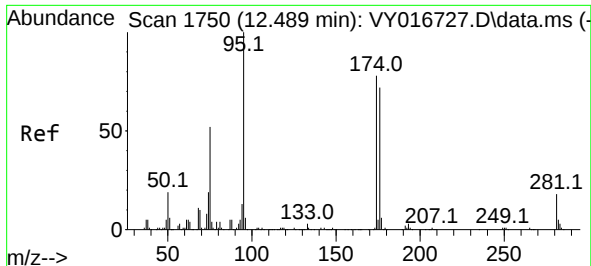
Tgt Ion: 98 Resp: 267207

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5

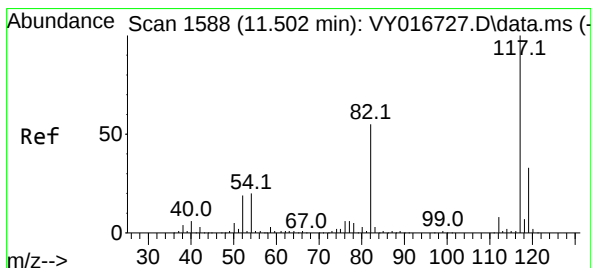
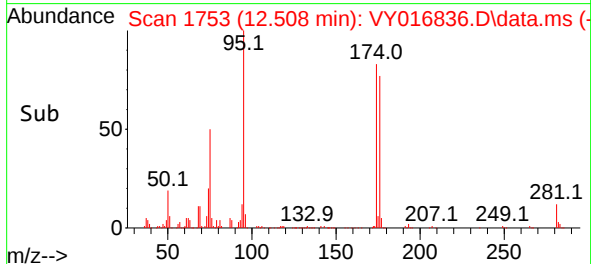
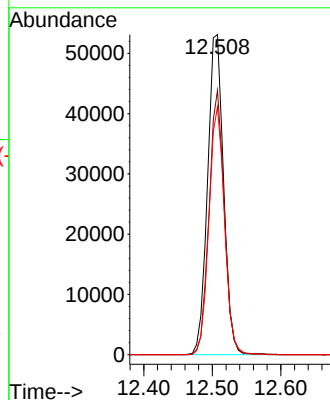
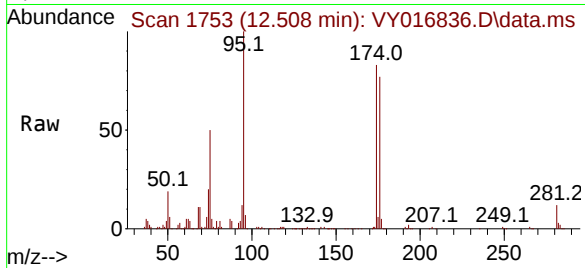




#62
4-Bromofluorobenzene
Concen: 53.537 ug/l
RT: 12.508 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY016836.D
Acq: 23 Dec 2023 03:57

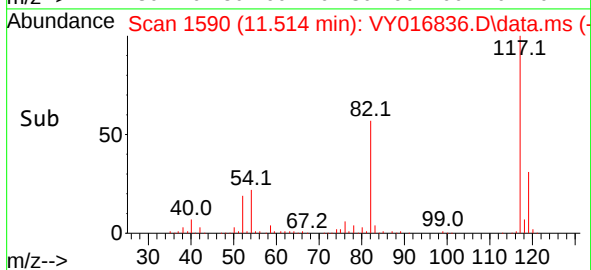
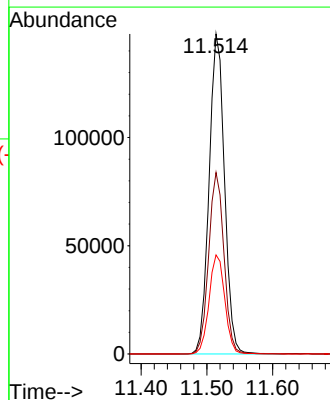
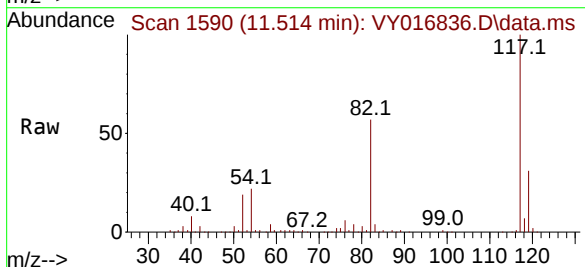
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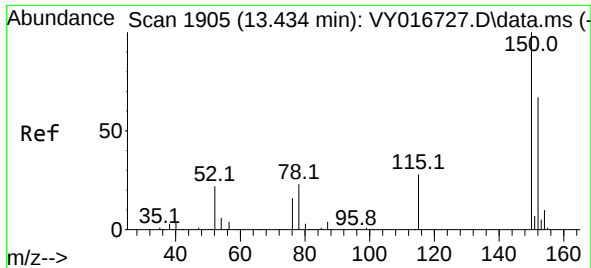
Tgt Ion: 95 Resp: 86322
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.0
176 75.3 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016836.D
Acq: 23 Dec 2023 03:57

Tgt Ion: 117 Resp: 241142
Ion Ratio Lower Upper
117 100
82 56.7 43.8 65.8
119 30.9 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: VY016836.D

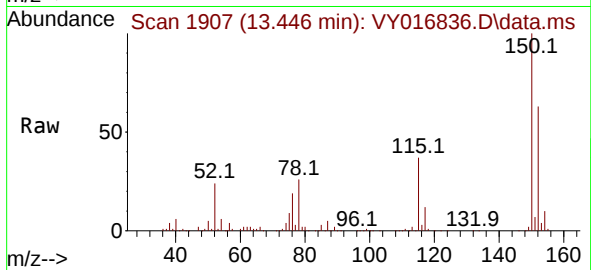
Acq: 23 Dec 2023 03:57

Instrument :

MSVOA_Y

ClientSampleId :

COM35



Tgt Ion:152 Resp: 90219

Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 156.3 0.0 344.6

