

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016946.D
 Acq On : 09 Jan 2024 14:14
 Operator : SY/MD
 Sample : P1069-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-010824

Quant Time: Jan 10 02:26:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

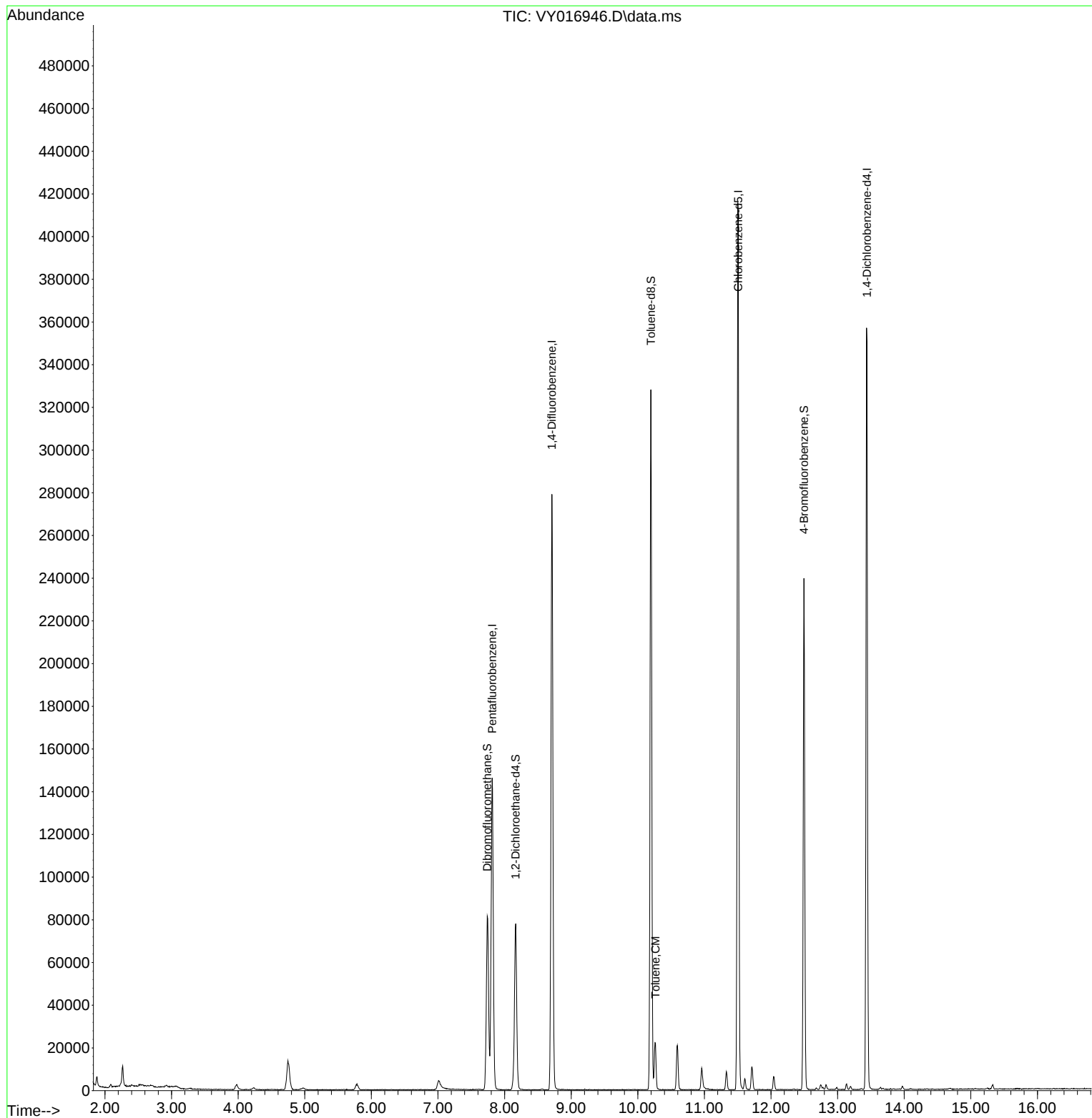
Internal Standards						
1) Pentafluorobenzene	7.813	168	110414	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	239730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	233254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	90464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	58064	53.207	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.420%	
35) Dibromofluoromethane	7.740	113	59809	39.151	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 78.300%	
50) Toluene-d8	10.197	98	214293	40.736	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 81.480%	
62) 4-Bromofluorobenzene	12.495	95	70238	39.575	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.140%	
Target Compounds						
52) Toluene	10.264	92	9753	2.420	ug/l	Qvalue 96

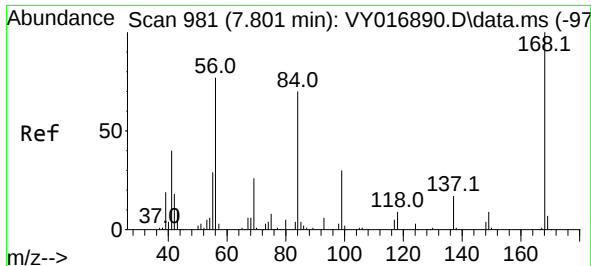
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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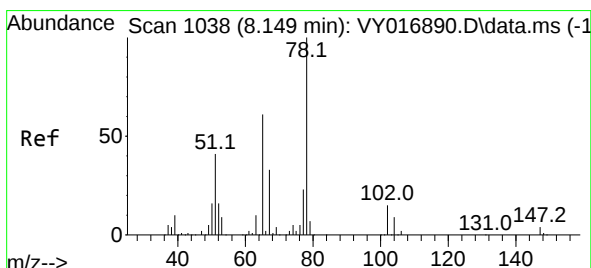
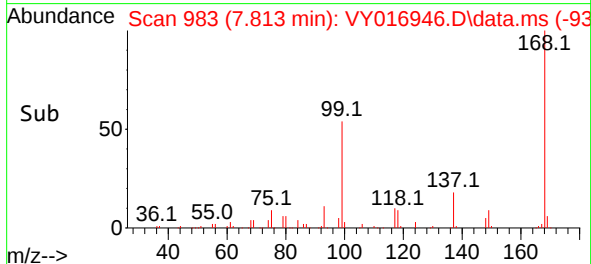
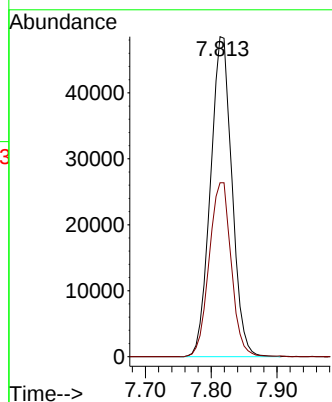
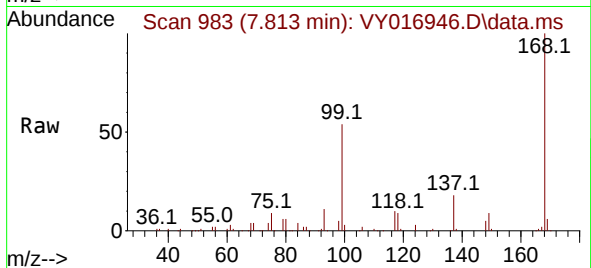




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016946.D
Acq: 09 Jan 2024 14:14

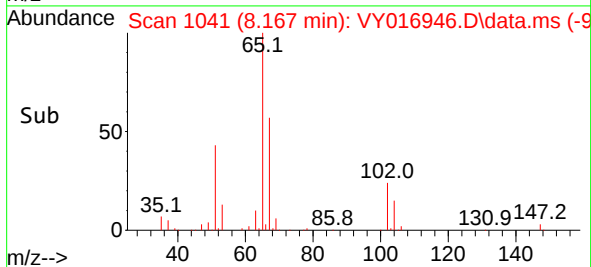
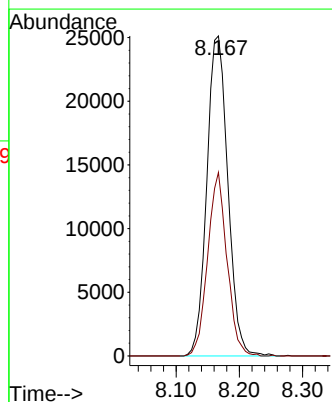
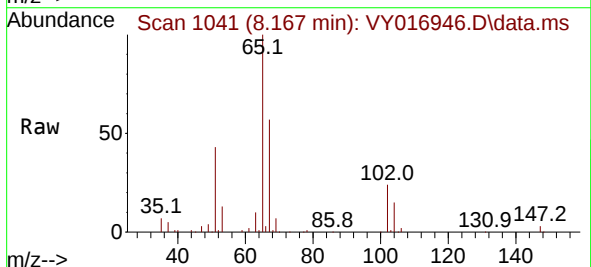
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-010824

Tgt Ion:168 Resp: 110414
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 53.207 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016946.D
Acq: 09 Jan 2024 14:14

Tgt Ion: 65 Resp: 58064
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1128

Delta R.T. 0.007 min

Lab File: VY016946.D

Acq: 09 Jan 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-010824

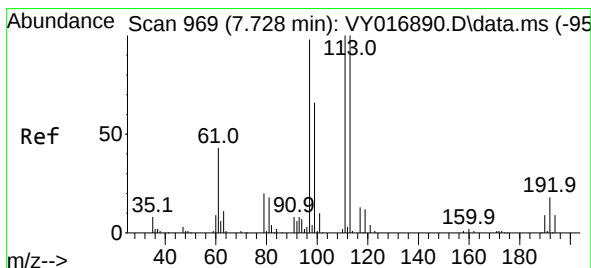
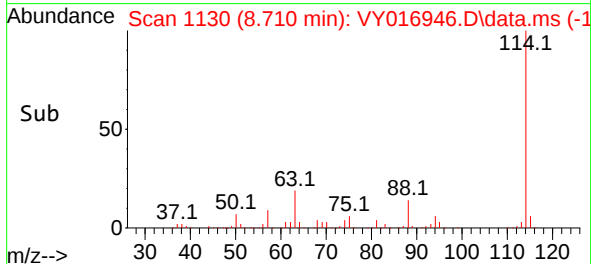
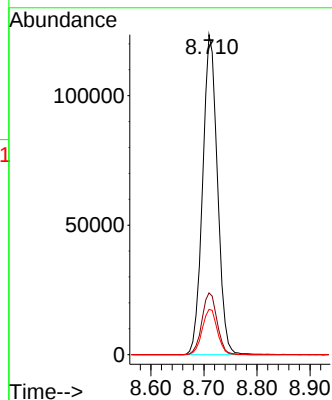
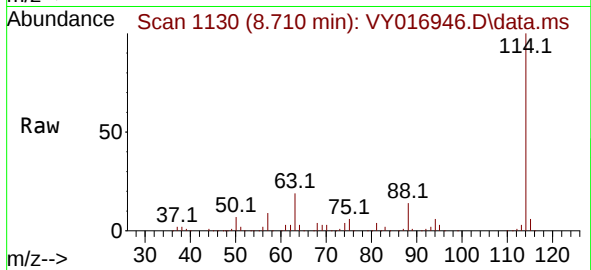
Tgt Ion:114 Resp: 239730

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.151 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016946.D

Acq: 09 Jan 2024 14:14

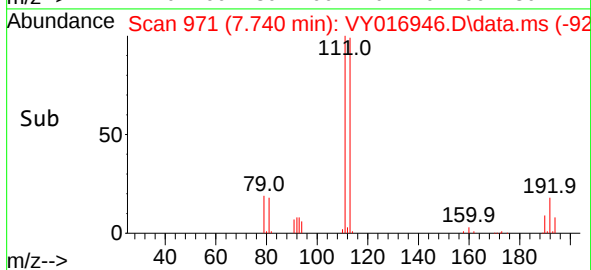
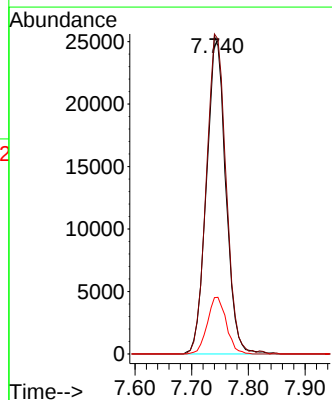
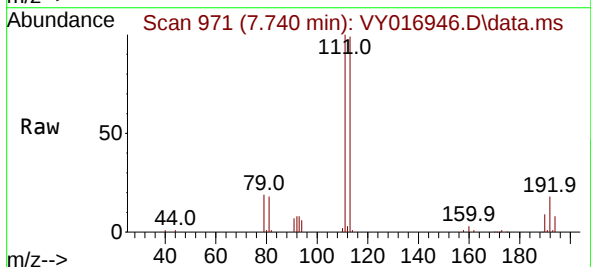
Tgt Ion:113 Resp: 59809

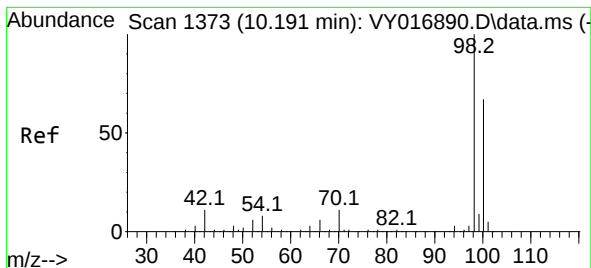
Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 17.6 14.5 21.7





#50

Toluene-d8

Concen: 40.736 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016946.D

Acq: 09 Jan 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

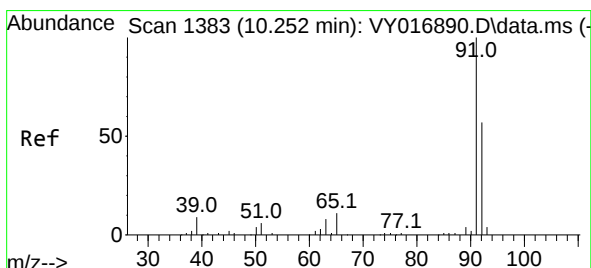
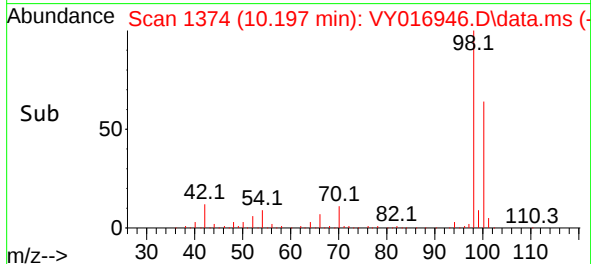
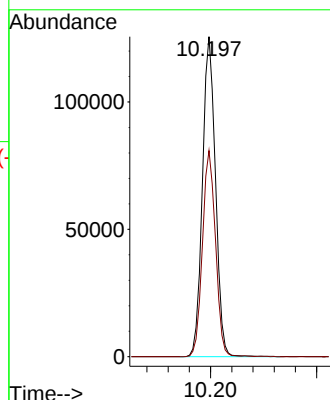
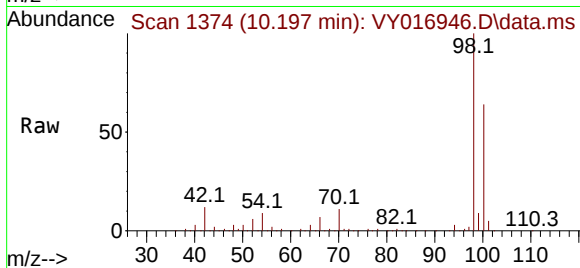
EO-01-010824

Tgt Ion: 98 Resp: 214293

Ion Ratio Lower Upper

98 100

100 64.4 52.3 78.5



#52

Toluene

Concen: 2.420 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VY016946.D

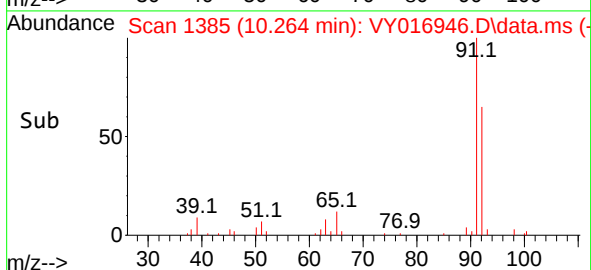
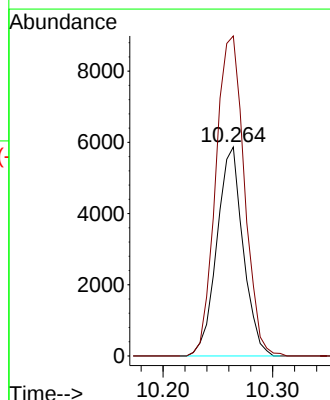
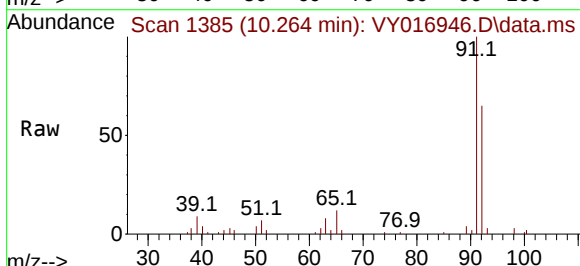
Acq: 09 Jan 2024 14:14

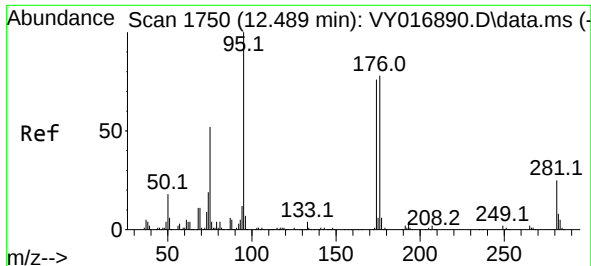
Tgt Ion: 92 Resp: 9753

Ion Ratio Lower Upper

92 100

91 167.1 137.6 206.4

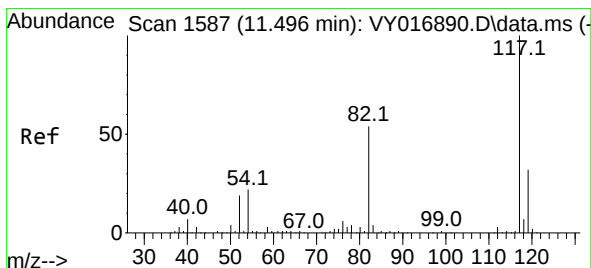
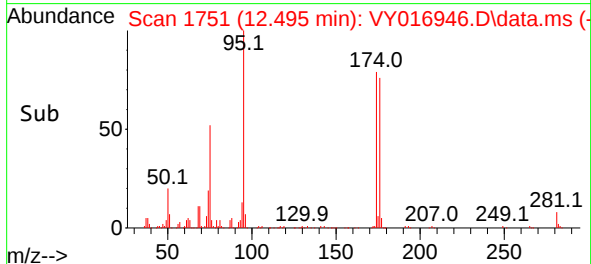
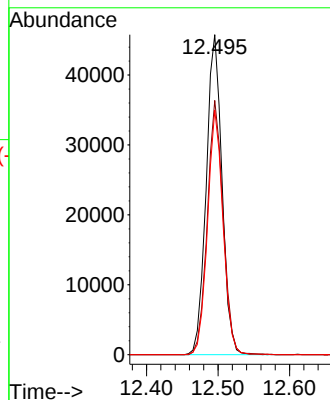
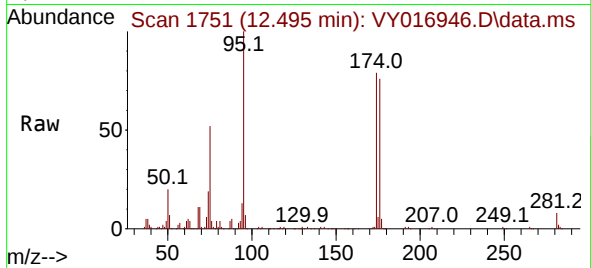




#62
4-Bromofluorobenzene
Concen: 39.575 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016946.D
Acq: 09 Jan 2024 14:14

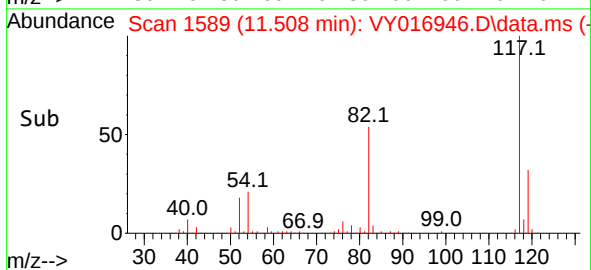
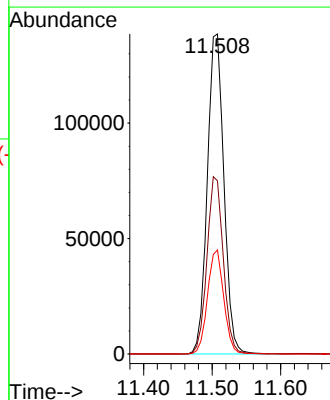
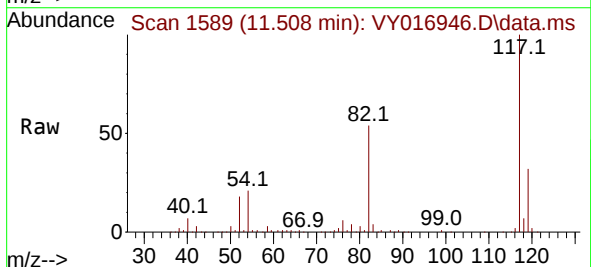
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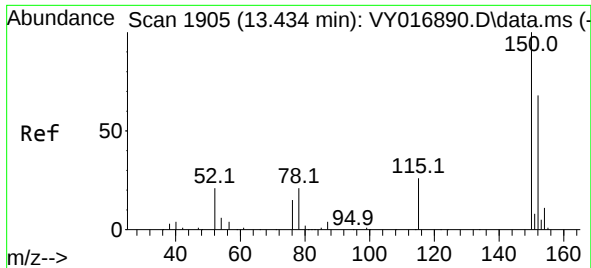
Tgt Ion: 95 Resp: 70238
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.0
176 74.9 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016946.D
Acq: 09 Jan 2024 14:14

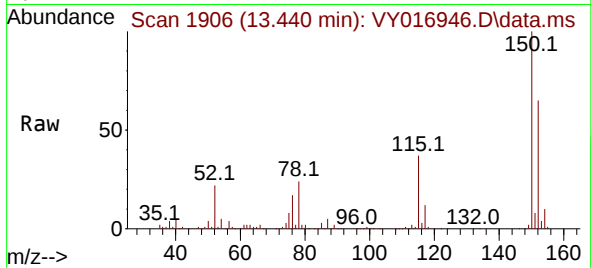
Tgt Ion: 117 Resp: 233254
Ion Ratio Lower Upper
117 100
82 54.1 43.8 65.8
119 32.5 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.006 min
 Lab File: VY016946.D
 Acq: 09 Jan 2024 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-010824



Tgt Ion:152 Resp: 90464
 Ion Ratio Lower Upper
 152 100
 115 58.1 30.0 90.0
 150 156.2 0.0 344.6

