

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016899.D
 Acq On : 02 Jan 2024 17:07
 Operator : SY/MD
 Sample : 05933-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-2-NORTH-SIDE

Quant Time: Jan 03 00:20:43 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	7.807	168	96629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	198314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	183663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	66095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	45473	47.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.220%
35) Dibromofluoromethane	7.734	113	50319	39.818	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.640%
50) Toluene-d8	10.191	98	183912	42.262	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.520%
62) 4-Bromofluorobenzene	12.496	95	54495	37.117	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.240%

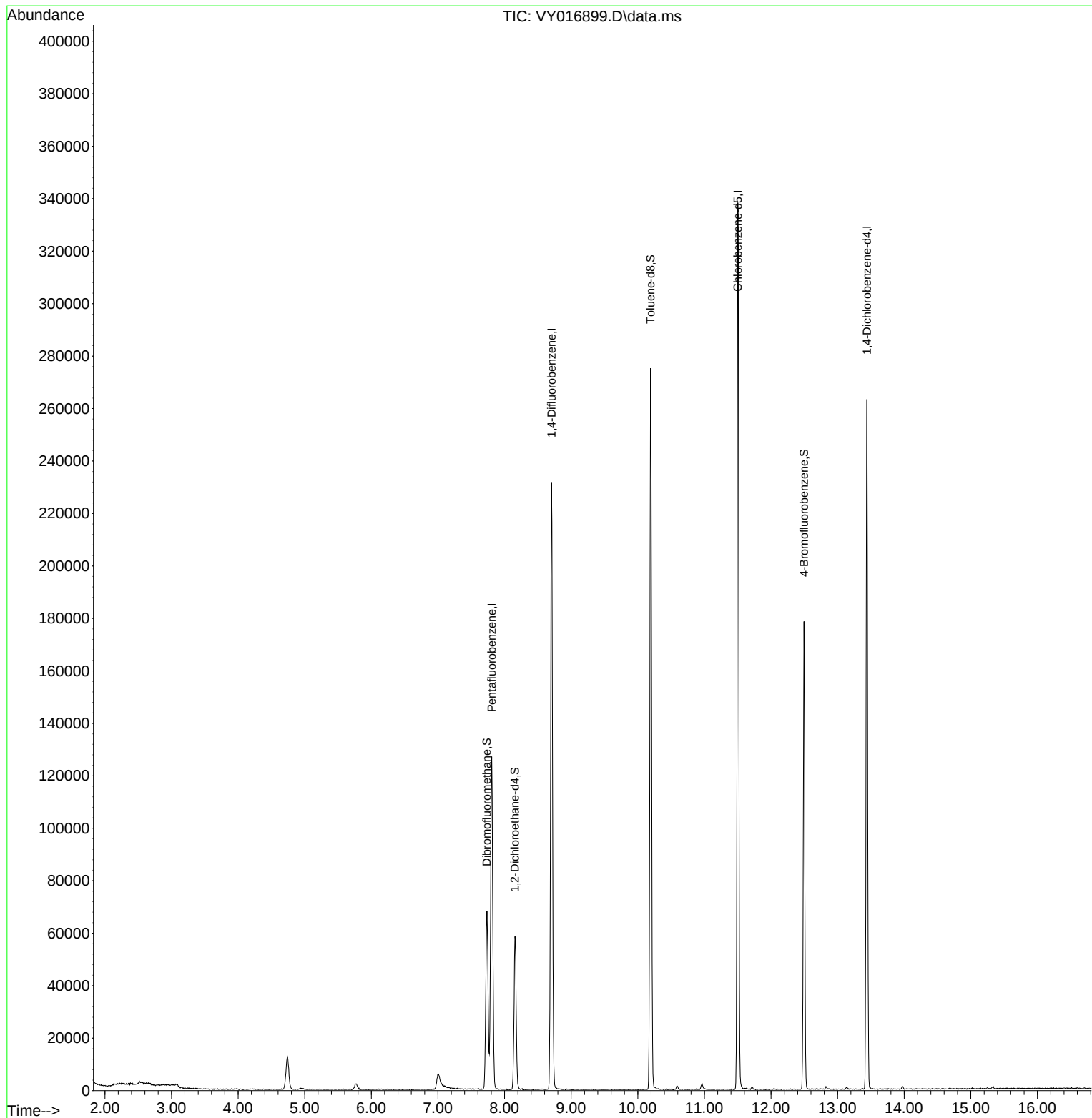
Target Compounds	Qvalue

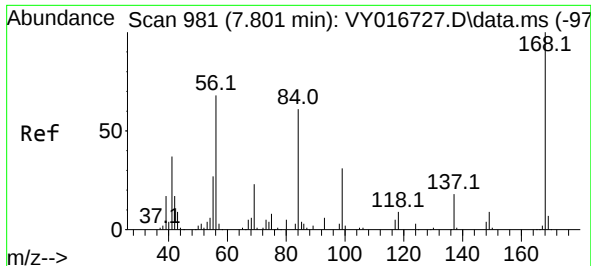
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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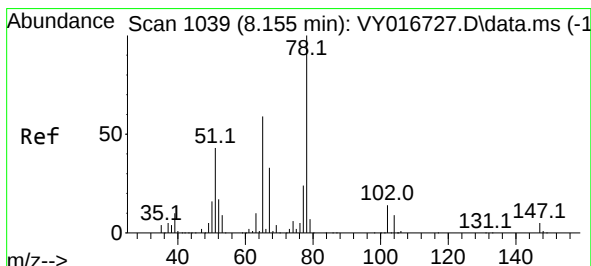
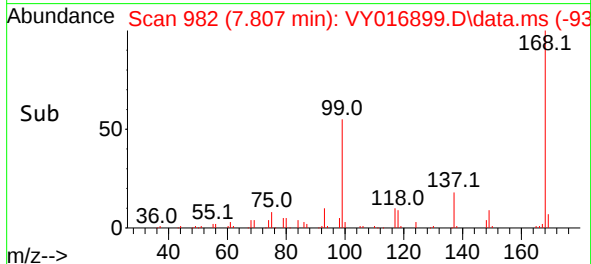
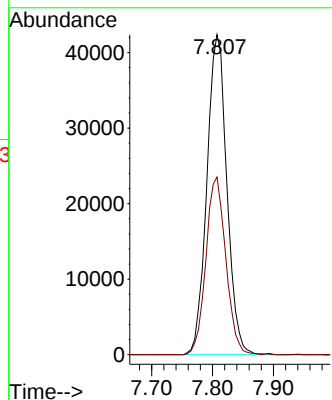
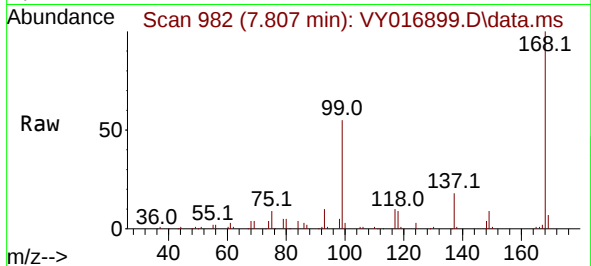




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016899.D
Acq: 02 Jan 2024 17:07

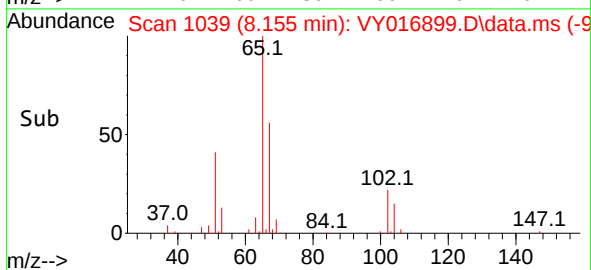
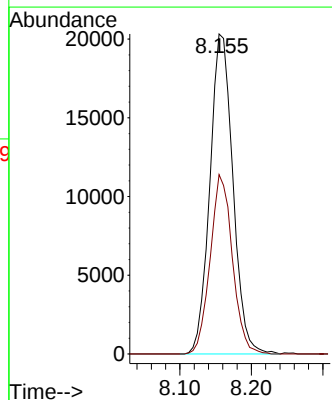
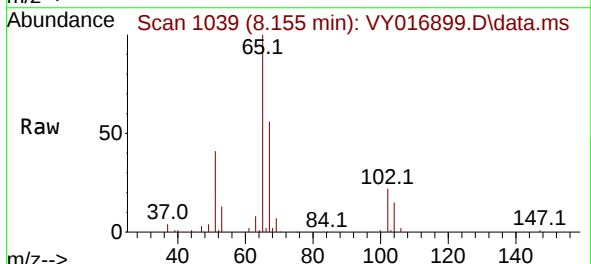
Instrument :
MSVOA_Y
ClientSampleId :
S-2-NORTH-SIDE

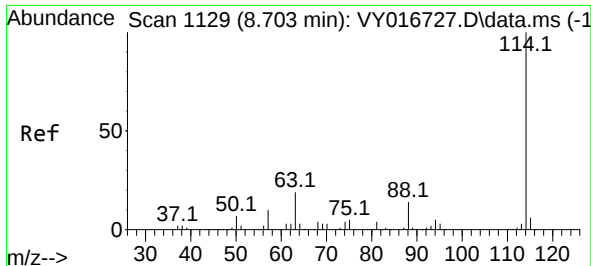
Tgt Ion:168 Resp: 96629
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.614 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016899.D
Acq: 02 Jan 2024 17:07

Tgt Ion: 65 Resp: 45473
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.001 min

Lab File: VY016899.D

Acq: 02 Jan 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

S-2-NORTH-SIDE

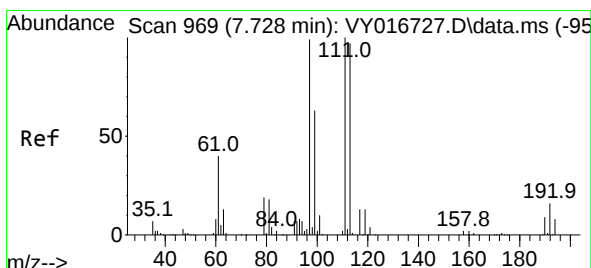
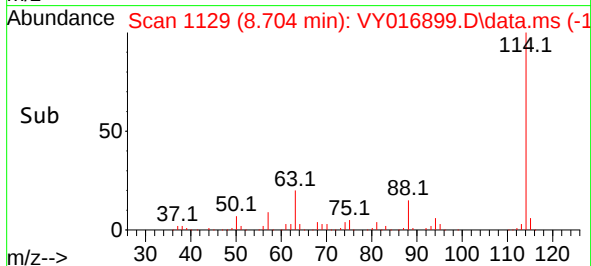
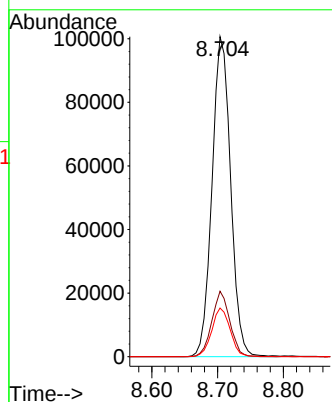
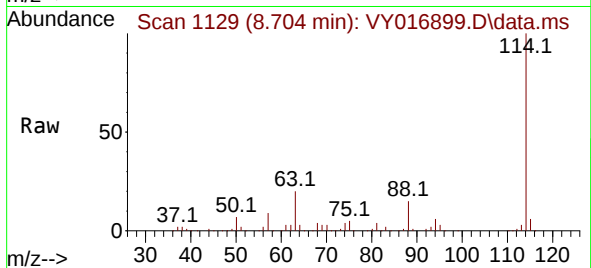
Tgt Ion:114 Resp: 198314

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.818 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016899.D

Acq: 02 Jan 2024 17:07

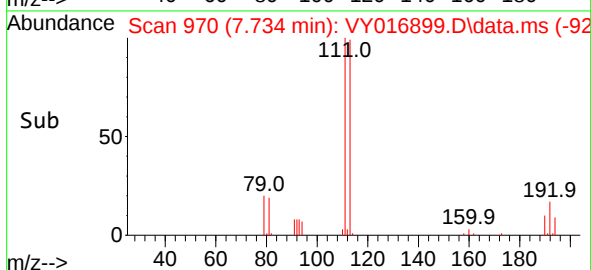
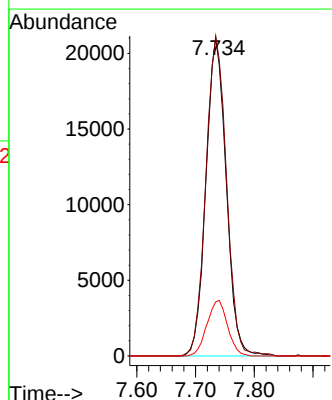
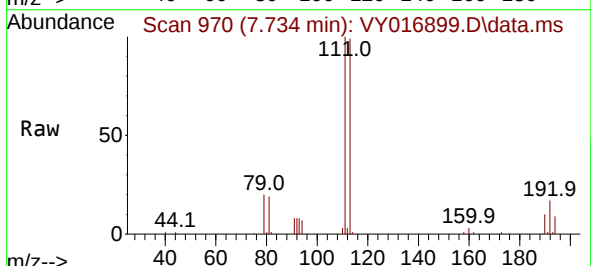
Tgt Ion:113 Resp: 50319

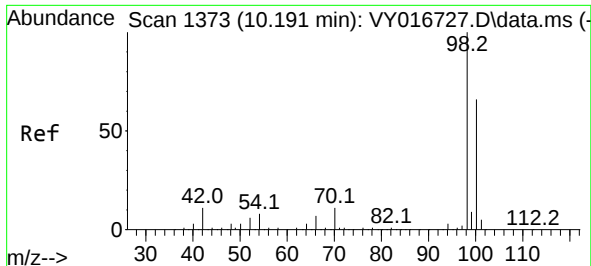
Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 17.7 14.5 21.7

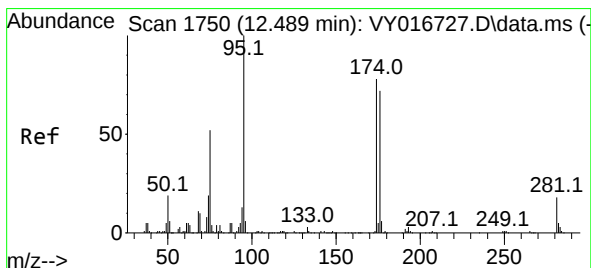
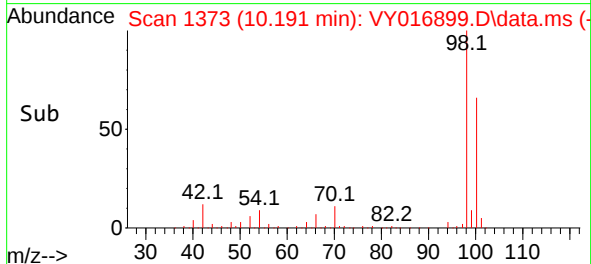
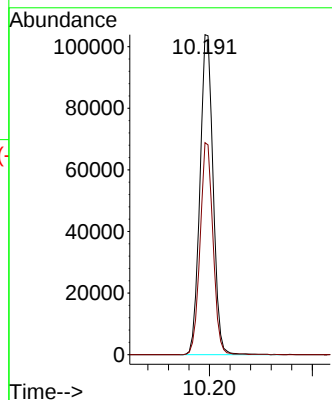
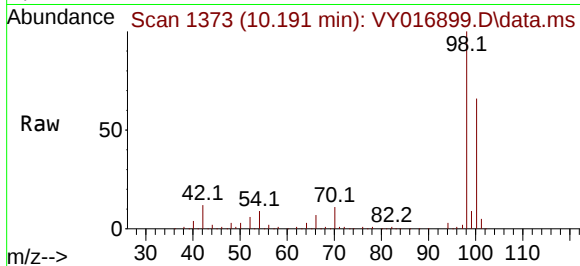




#50
Toluene-d8
Concen: 42.262 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016899.D
Acq: 02 Jan 2024 17:07

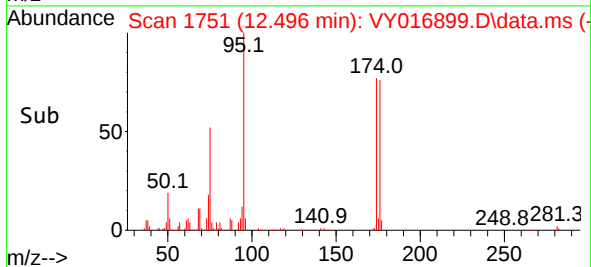
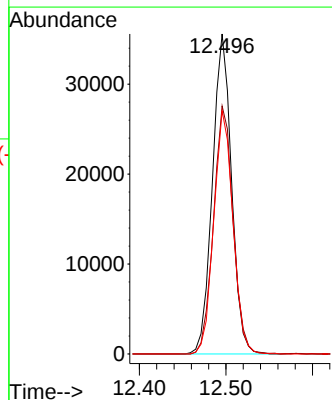
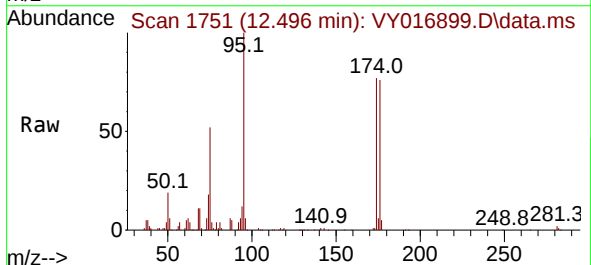
Instrument :
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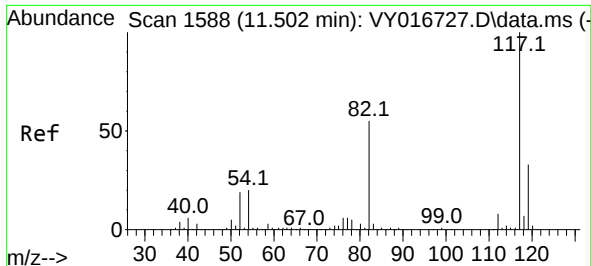
Tgt Ion: 98 Resp: 183912
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.117 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.007 min
Lab File: VY016899.D
Acq: 02 Jan 2024 17:07

Tgt Ion: 95 Resp: 54495
Ion Ratio Lower Upper
95 100
174 79.0 0.0 160.0
176 76.5 0.0 151.8

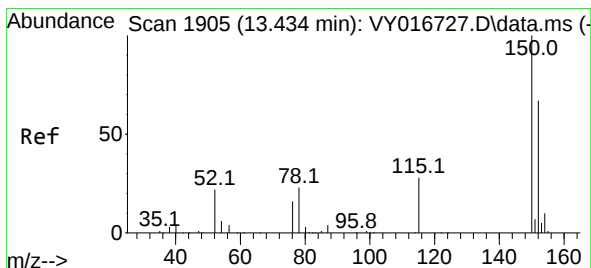
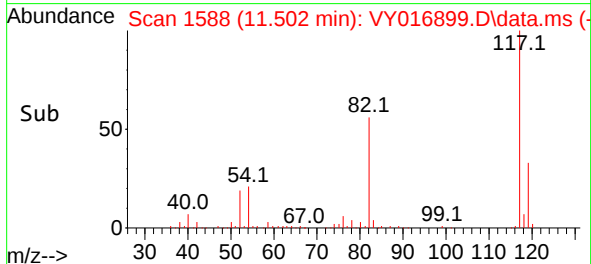
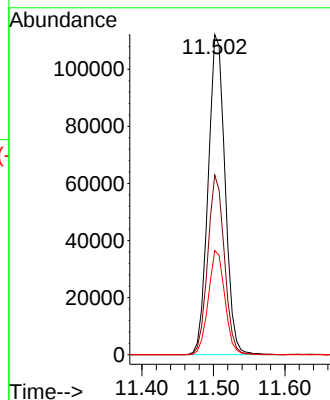
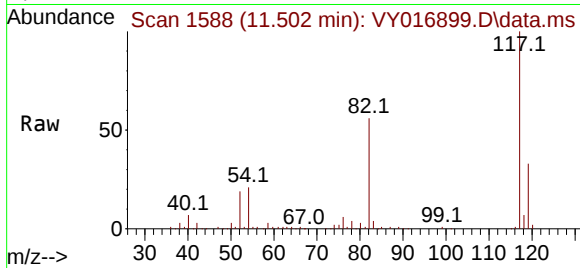




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016899.D
Acq: 02 Jan 2024 17:07

Instrument :
MSVOA_Y
ClientSampleId :
S-2-NORTH-SIDE

Tgt Ion:117 Resp: 183663
Ion Ratio Lower Upper
117 100
82 56.1 43.8 65.8
119 32.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.441 min Scan# 1906
Delta R.T. 0.007 min
Lab File: VY016899.D
Acq: 02 Jan 2024 17:07

Tgt Ion:152 Resp: 66095
Ion Ratio Lower Upper
152 100
115 59.4 30.0 90.0
150 159.6 0.0 344.6

