

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
 Data File : VY016923.D
 Acq On : 05 Jan 2024 16:11
 Operator : SY/MD
 Sample : P1051-01
 Misc : 3.89g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 340

Quant Time: Jan 05 22:36:38 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	7.819	168	113429	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	245985	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	235409	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	90596	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	56859	50.718	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.440%
35) Dibromofluoromethane	7.746	113	60694	38.720	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.440%
50) Toluene-d8	10.203	98	224705	41.629	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.260%
62) 4-Bromofluorobenzene	12.502	95	72708	39.925	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.840%

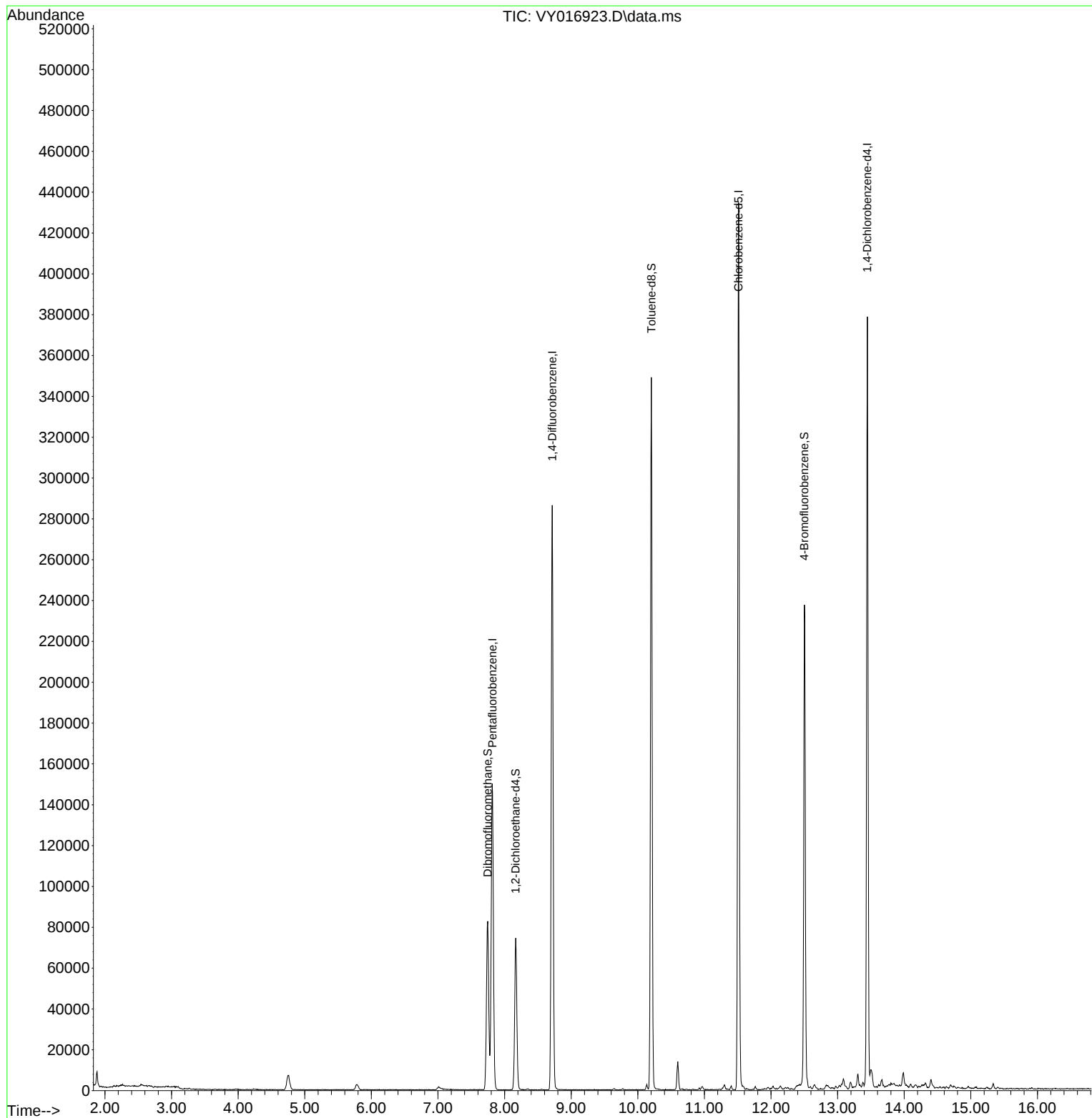
Target Compounds	Qvalue

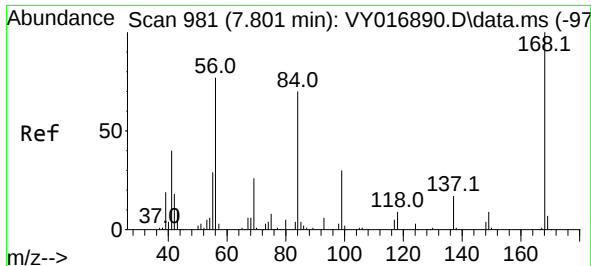
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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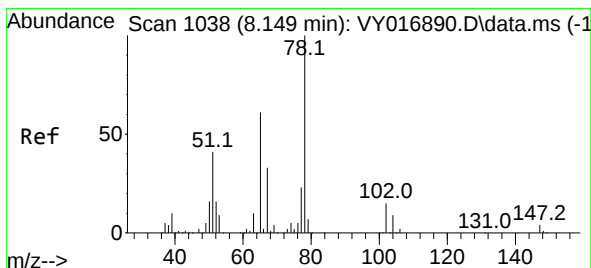
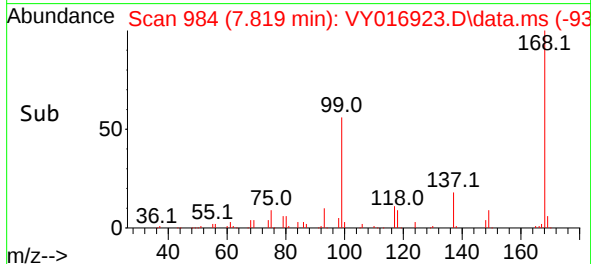
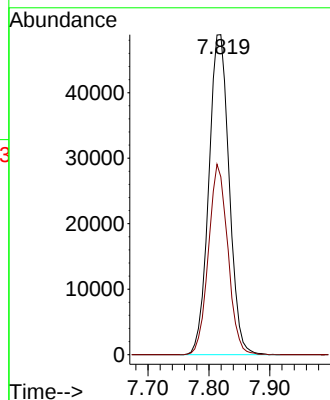
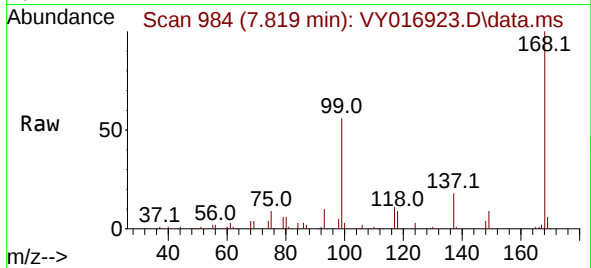




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016923.D
Acq: 05 Jan 2024 16:11

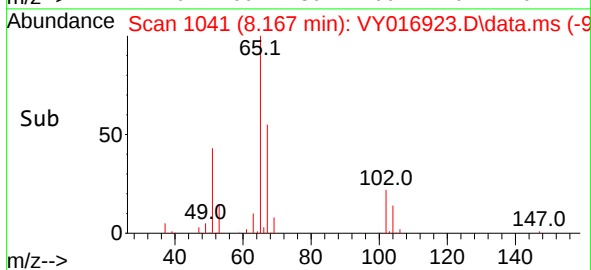
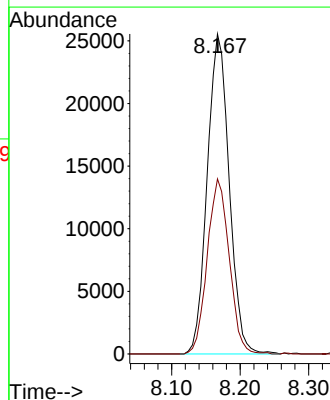
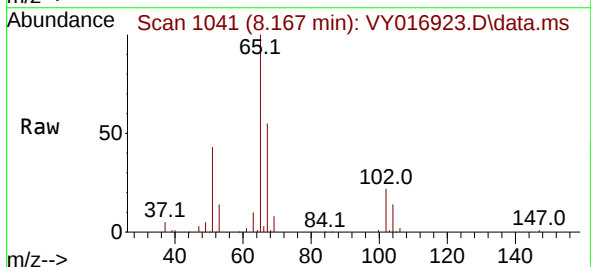
Instrument :
MSVOA_Y
ClientSampleId :
340

Tgt Ion:168 Resp: 113429
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.718 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016923.D
Acq: 05 Jan 2024 16:11

Tgt Ion: 65 Resp: 56859
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1128

Delta R.T. 0.013 min

Lab File: VY016923.D

Acq: 05 Jan 2024 16:11

Instrument :

MSVOA_Y

ClientSampleId :

340

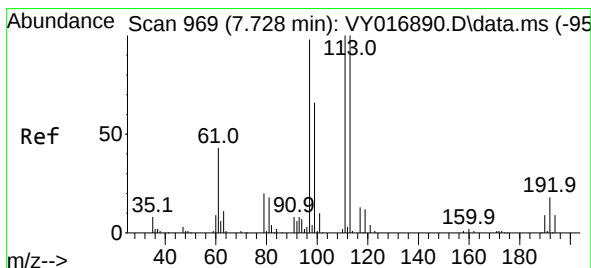
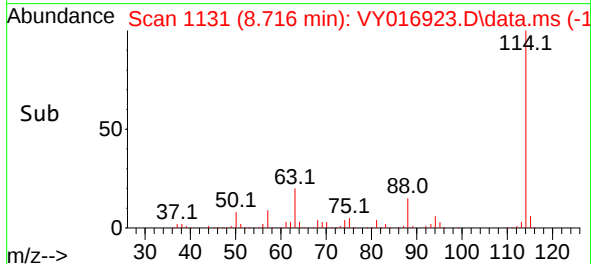
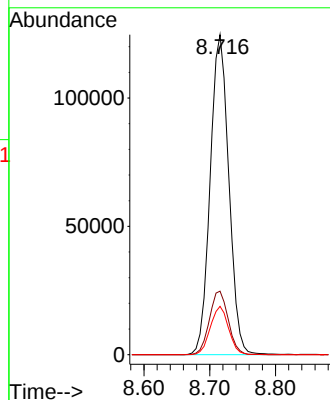
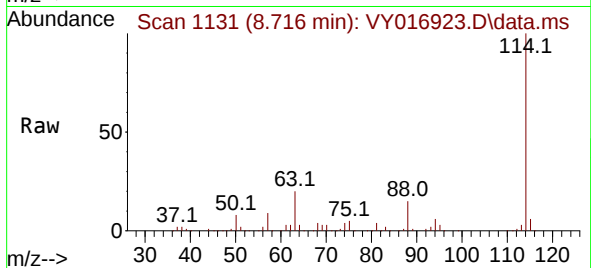
Tgt Ion:114 Resp: 245985

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.720 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY016923.D

Acq: 05 Jan 2024 16:11

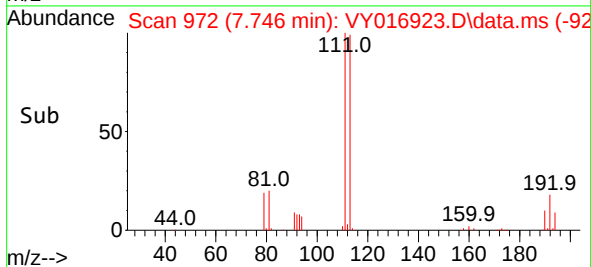
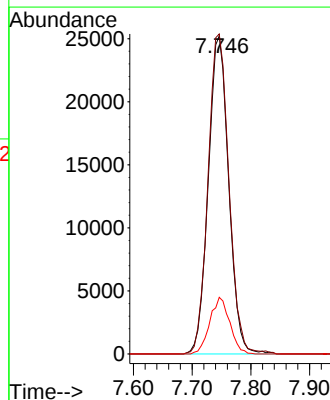
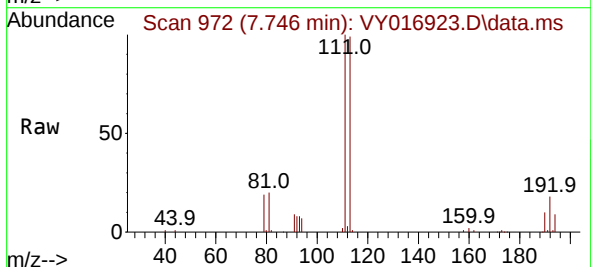
Tgt Ion:113 Resp: 60694

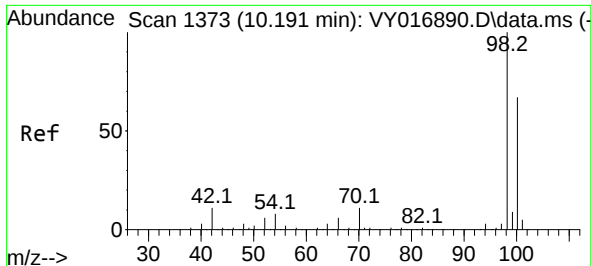
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 17.4 14.5 21.7

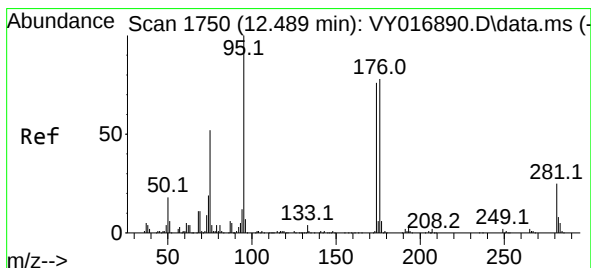
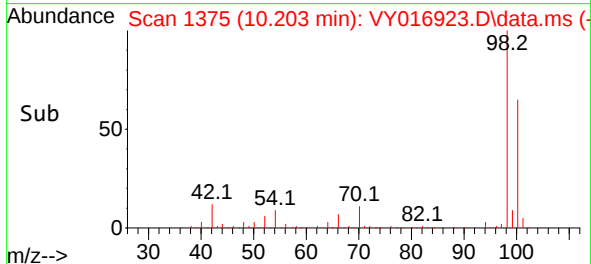
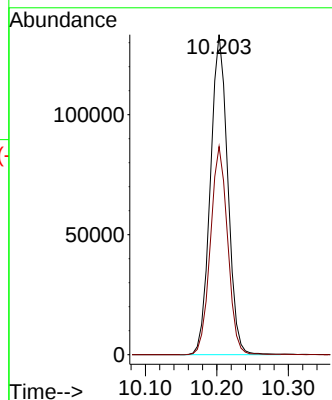
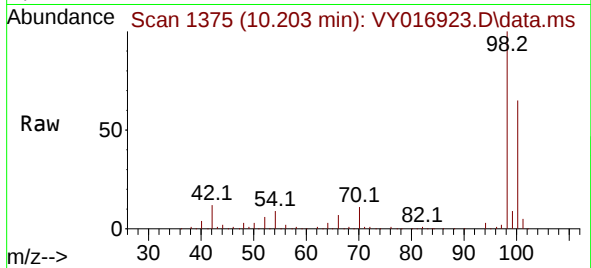




#50
Toluene-d8
Concen: 41.629 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016923.D
Acq: 05 Jan 2024 16:11

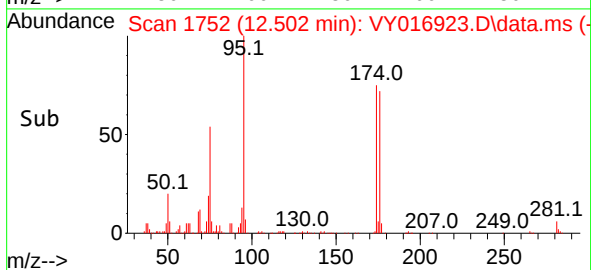
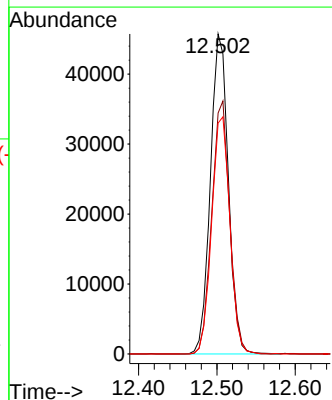
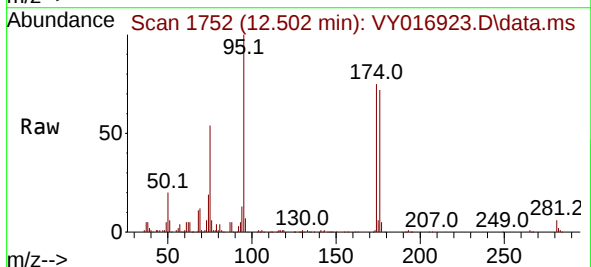
Instrument :
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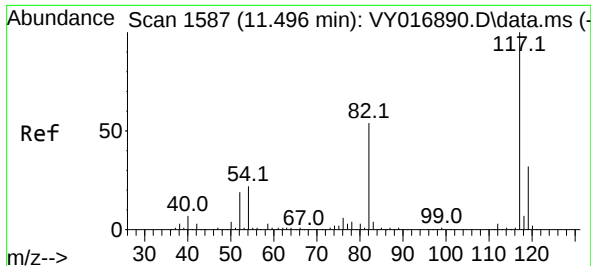
Tgt Ion: 98 Resp: 224705
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 39.925 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016923.D
Acq: 05 Jan 2024 16:11

Tgt Ion: 95 Resp: 72708
Ion Ratio Lower Upper
95 100
174 79.3 0.0 160.0
176 75.4 0.0 151.8

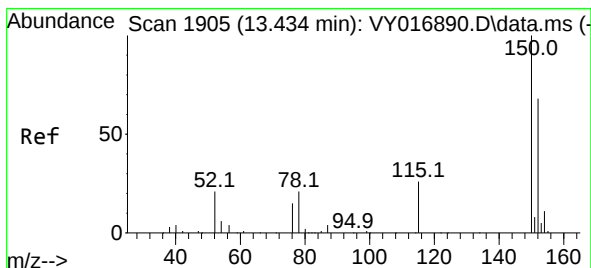
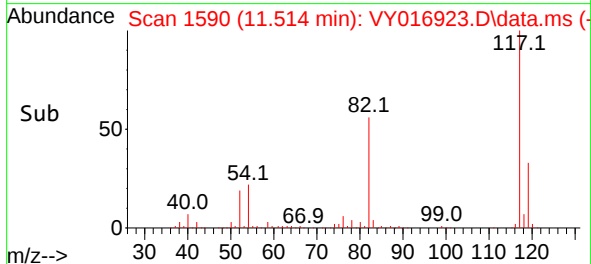
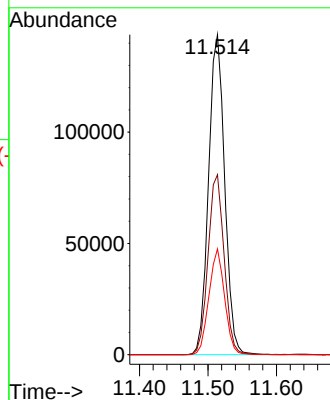
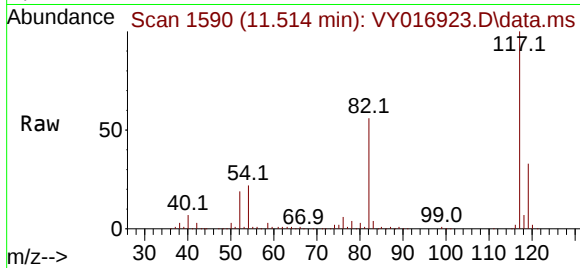




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016923.D
Acq: 05 Jan 2024 16:11

Instrument :
MSVOA_Y
ClientSampleId :
340

Tgt Ion:117 Resp: 235409
Ion Ratio Lower Upper
117 100
82 56.3 43.8 65.8
119 33.0 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: VY016923.D
Acq: 05 Jan 2024 16:11

Tgt Ion:152 Resp: 90596
Ion Ratio Lower Upper
152 100
115 59.1 30.0 90.0
150 158.1 0.0 344.6

