

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
 Data File : VY016922.D
 Acq On : 05 Jan 2024 15:02
 Operator : SY/MD
 Sample : P1040-03
 Misc : 5.72g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Jan 05 22:36:20 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	117824	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	252871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	240906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	89833	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	57900	49.720	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.440%
35) Dibromofluoromethane	7.740	113	62452	38.757	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.520%
50) Toluene-d8	10.197	98	230640	41.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.140%
62) 4-Bromofluorobenzene	12.495	95	71752	38.327	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.660%

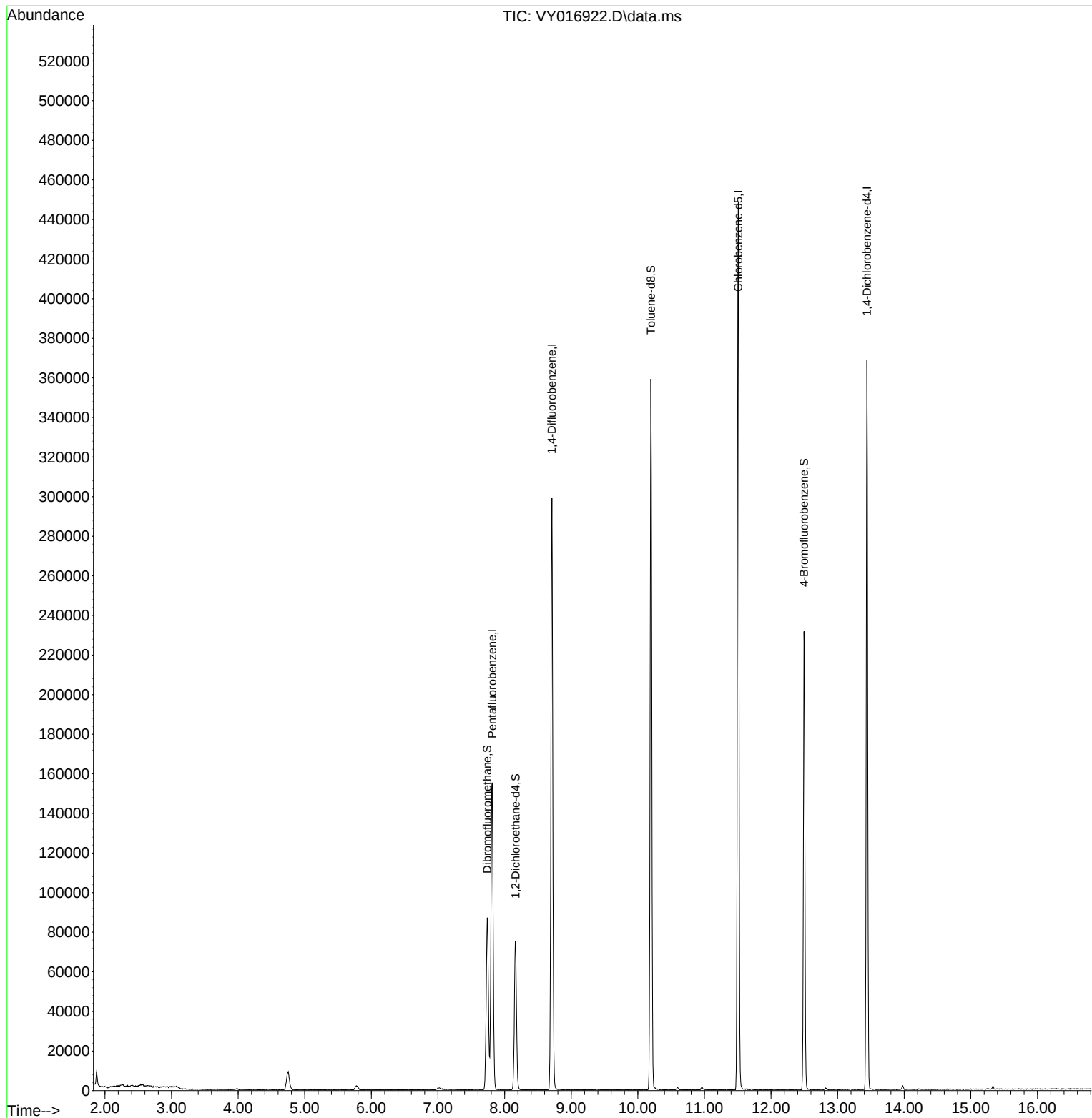
Target Compounds	Qvalue

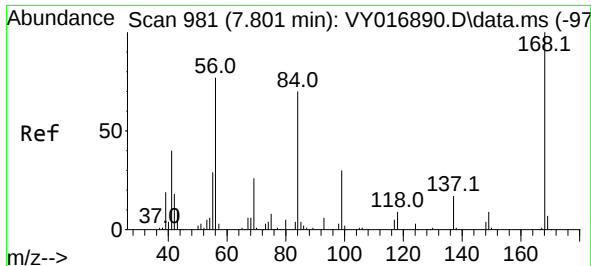
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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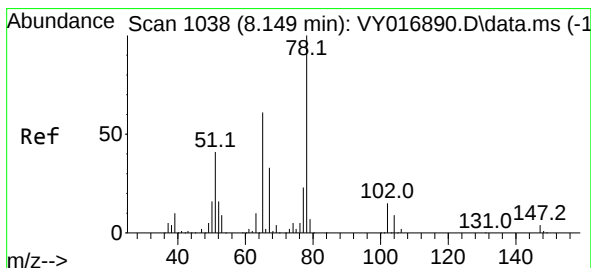
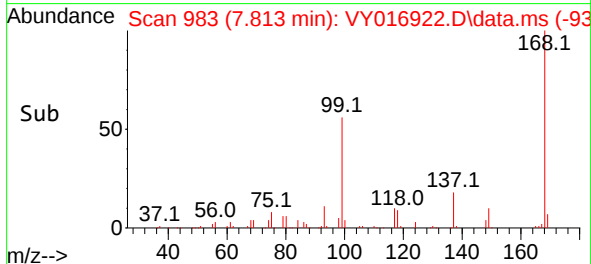
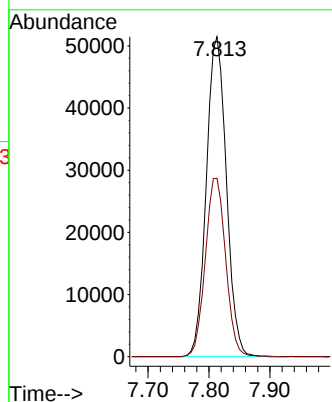
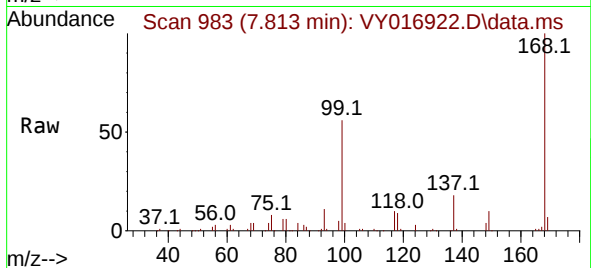




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016922.D
Acq: 05 Jan 2024 15:02

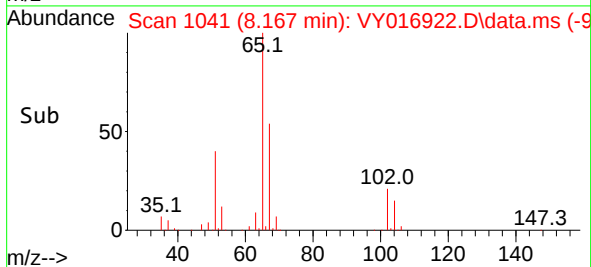
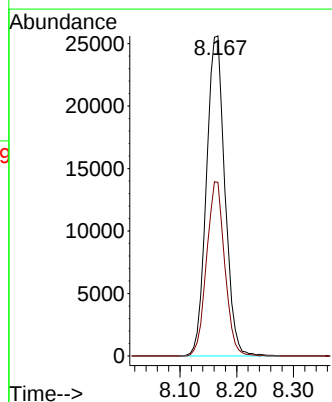
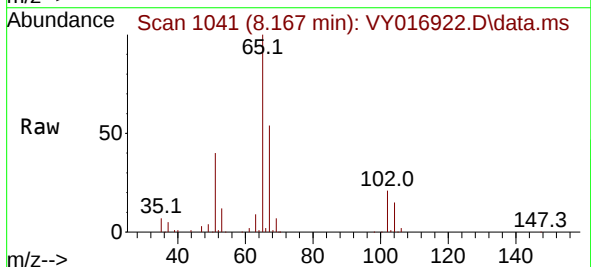
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion:168 Resp: 117824
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.720 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016922.D
Acq: 05 Jan 2024 15:02

Tgt Ion: 65 Resp: 57900
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016922.D

Acq: 05 Jan 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

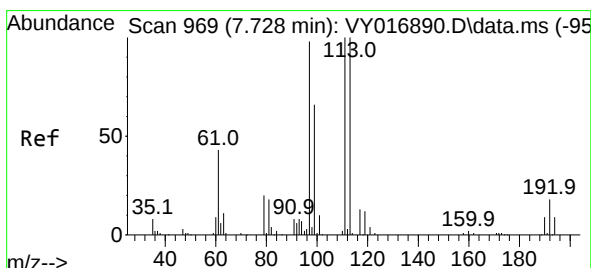
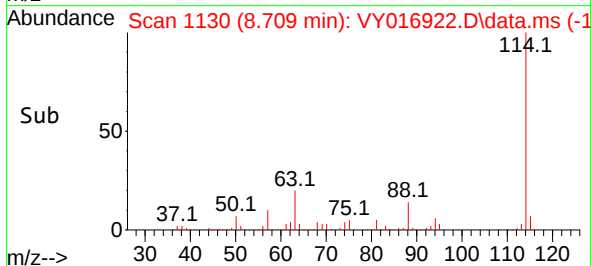
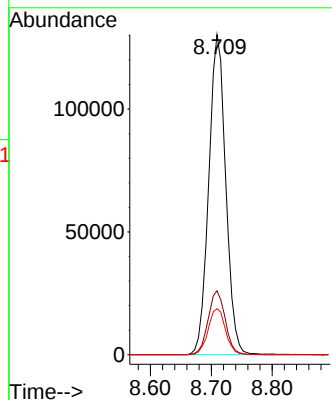
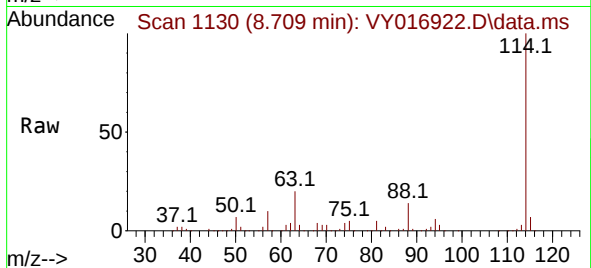
Tgt Ion:114 Resp: 252871

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.757 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016922.D

Acq: 05 Jan 2024 15:02

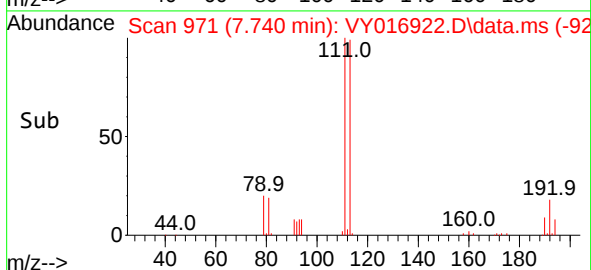
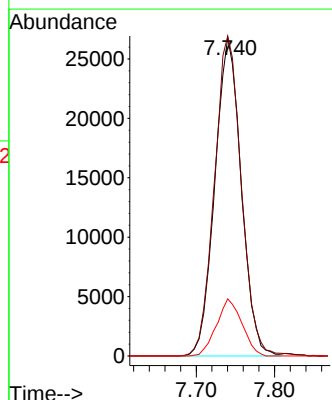
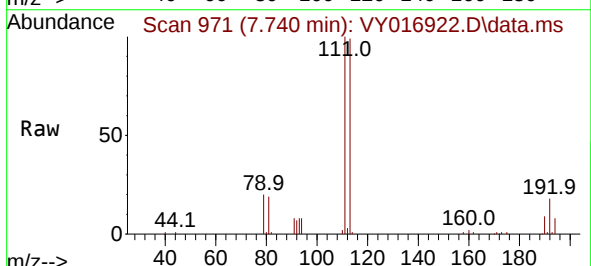
Tgt Ion:113 Resp: 62452

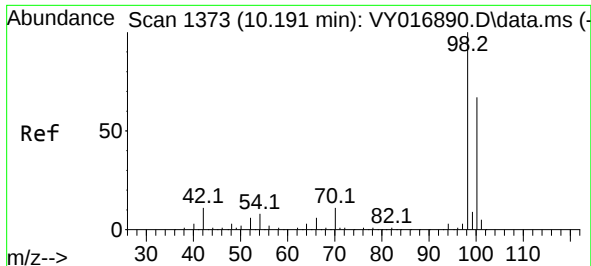
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 17.4 14.5 21.7

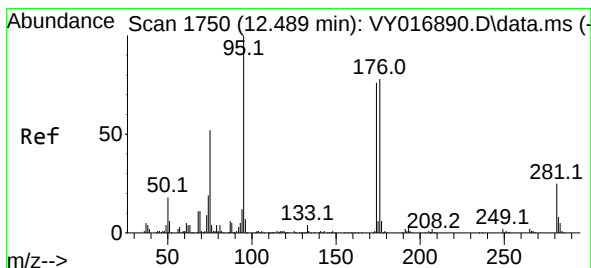
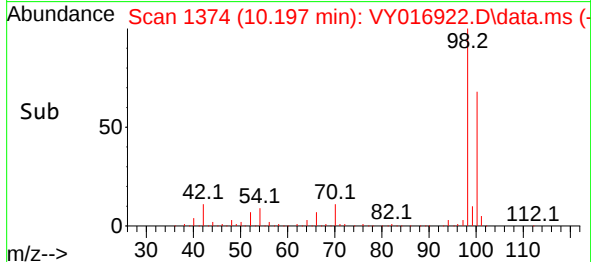
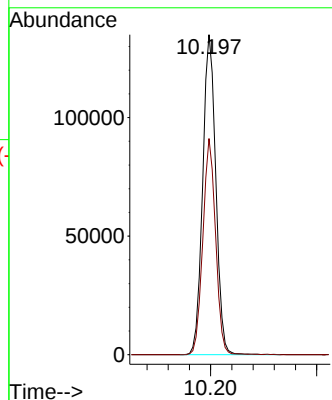
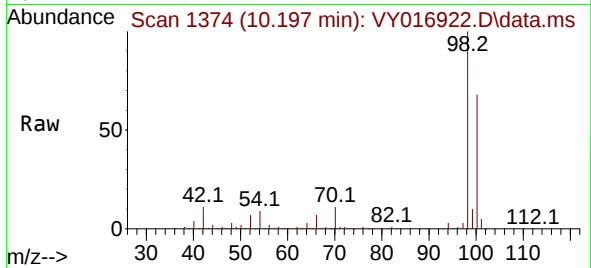




#50
Toluene-d8
Concen: 41.565 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016922.D
Acq: 05 Jan 2024 15:02

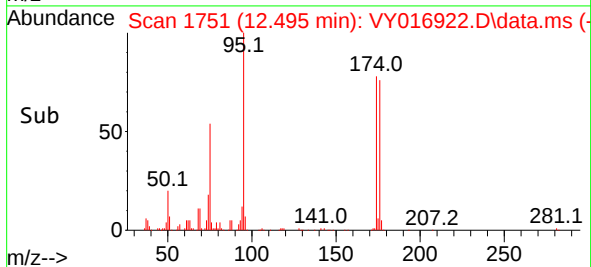
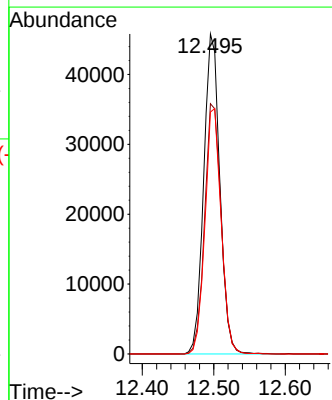
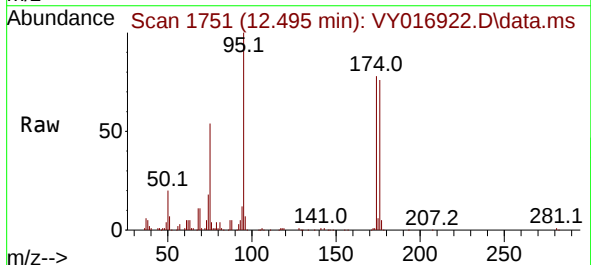
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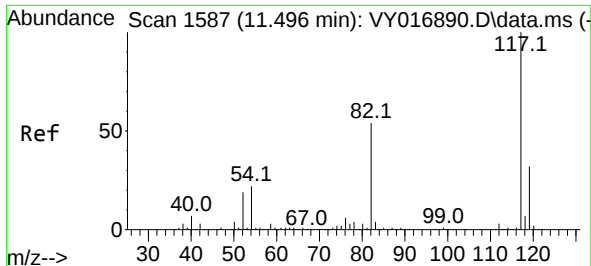
Tgt Ion: 98 Resp: 230640
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 38.327 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016922.D
Acq: 05 Jan 2024 15:02

Tgt Ion: 95 Resp: 71752
Ion Ratio Lower Upper
95 100
174 79.8 0.0 160.0
176 76.9 0.0 151.8

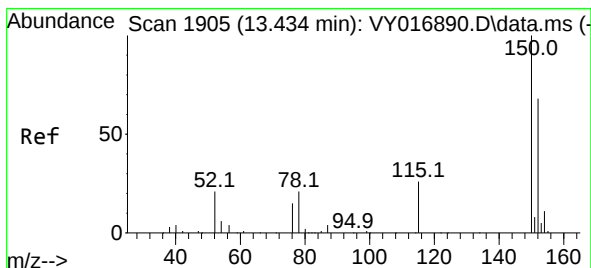
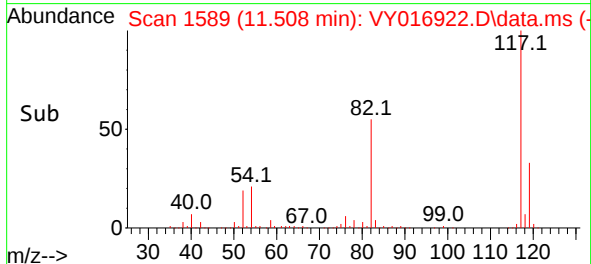
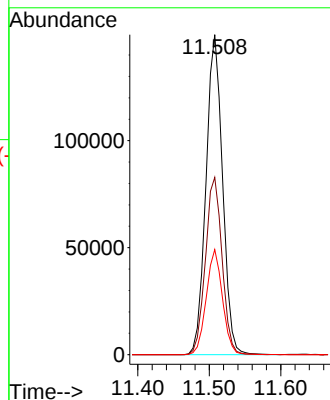
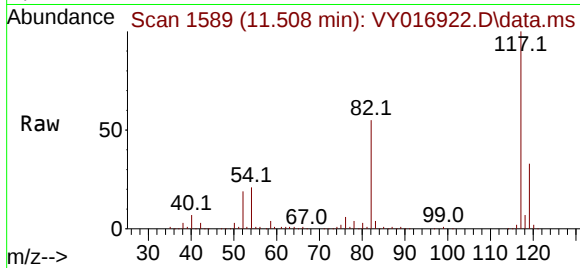




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016922.D
Acq: 05 Jan 2024 15:02

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion:117 Resp: 240906
Ion Ratio Lower Upper
117 100
82 55.4 43.8 65.8
119 32.9 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: VY016922.D
Acq: 05 Jan 2024 15:02

Tgt Ion:152 Resp: 89833
Ion Ratio Lower Upper
152 100
115 59.4 30.0 90.0
150 158.8 0.0 344.6

