

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
 Data File : VY016920.D
 Acq On : 05 Jan 2024 14:16
 Operator : SY/MD
 Sample : P1040-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Jan 05 22:35:42 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	118277	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	254556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	245578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	97181	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	58282	49.856	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.720%
35) Dibromofluoromethane	7.740	113	62965	38.816	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.640%
50) Toluene-d8	10.203	98	233290	41.765	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.520%
62) 4-Bromofluorobenzene	12.501	95	76953	40.833	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.660%

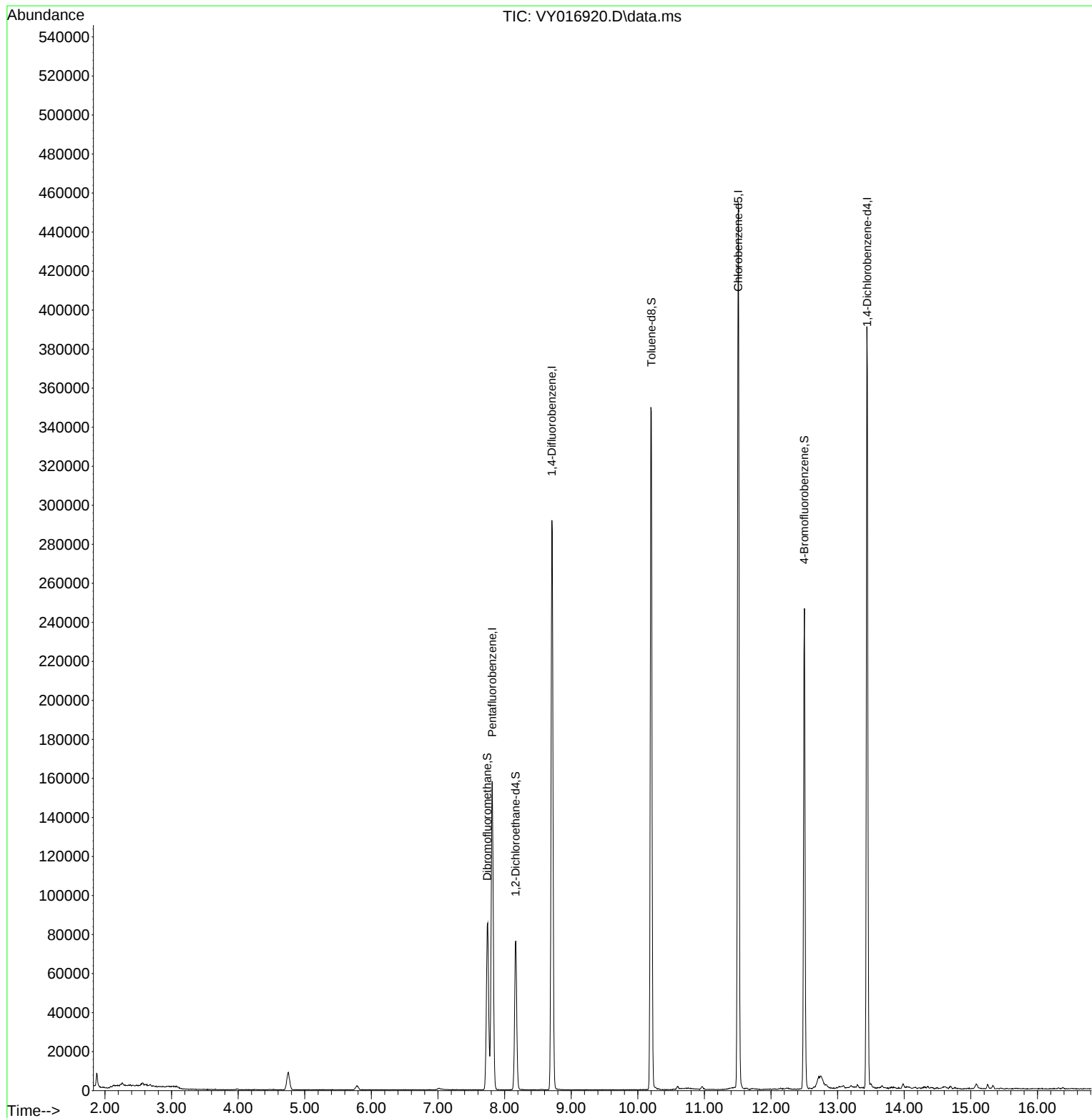
Target Compounds	Qvalue

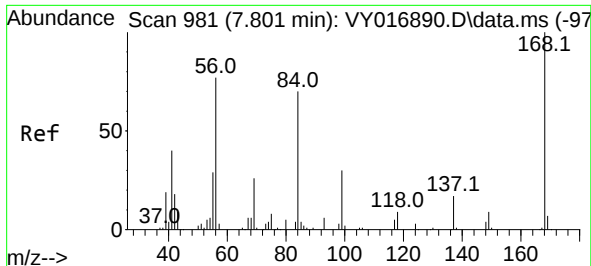
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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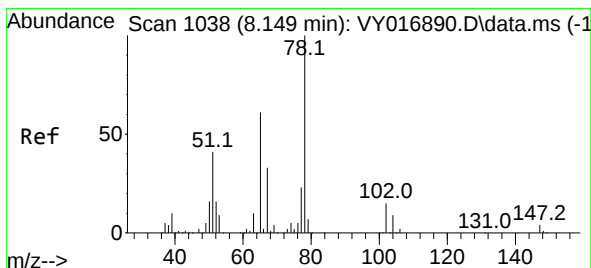
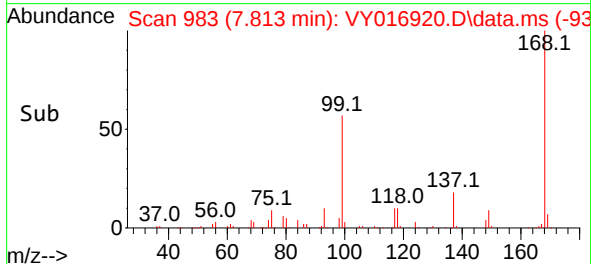
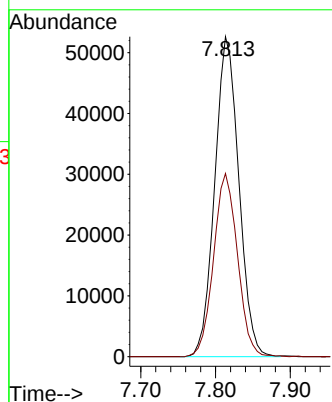
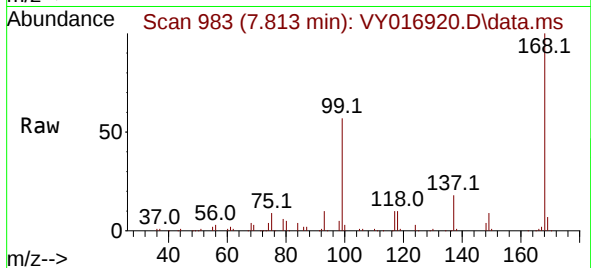




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016920.D
Acq: 05 Jan 2024 14:16

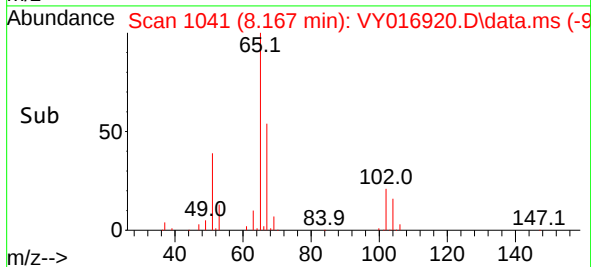
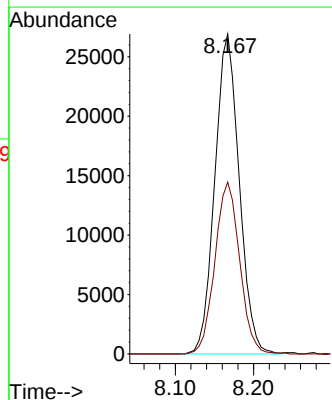
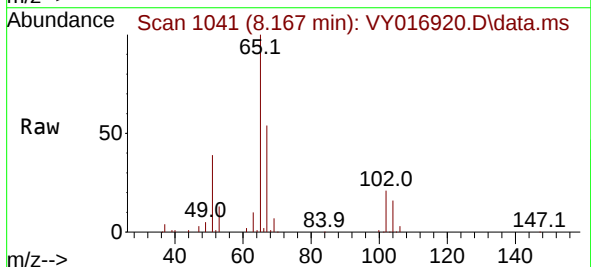
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

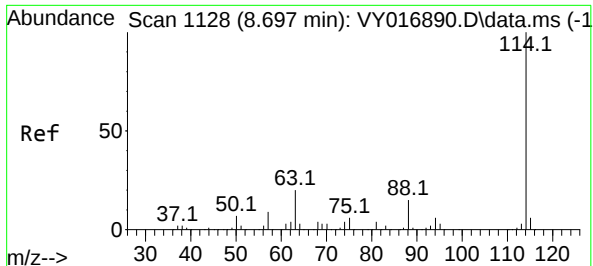
Tgt Ion:168 Resp: 118277
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.856 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016920.D
Acq: 05 Jan 2024 14:16

Tgt Ion: 65 Resp: 58282
Ion Ratio Lower Upper
65 100
67 54.5 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: VY016920.D

Acq: 05 Jan 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

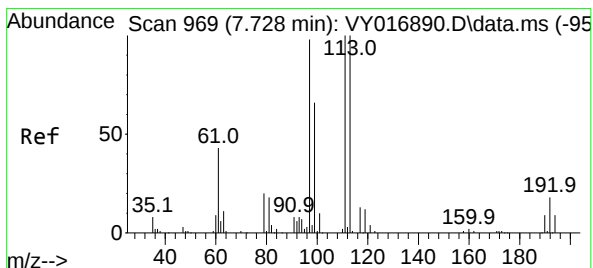
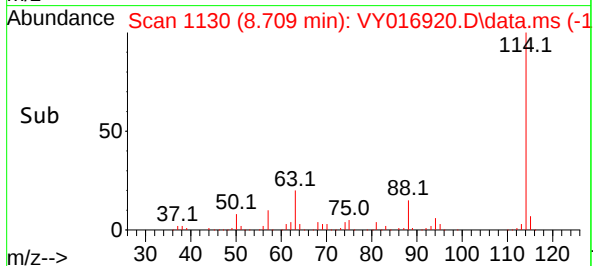
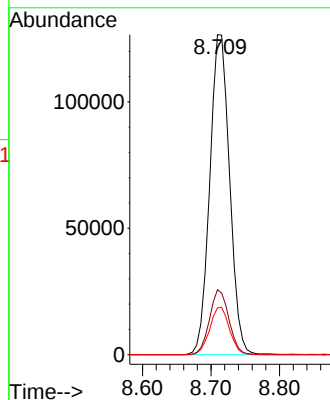
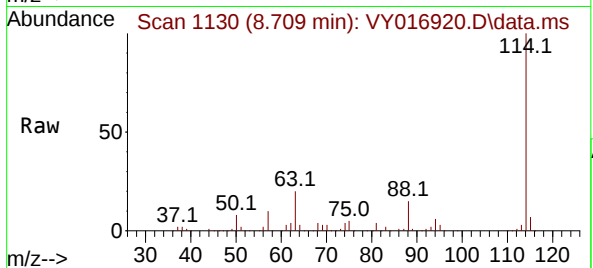
Tgt Ion:114 Resp: 254556

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.816 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016920.D

Acq: 05 Jan 2024 14:16

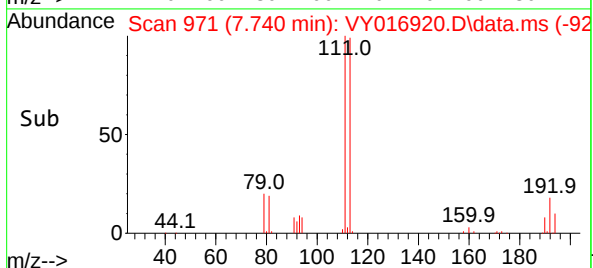
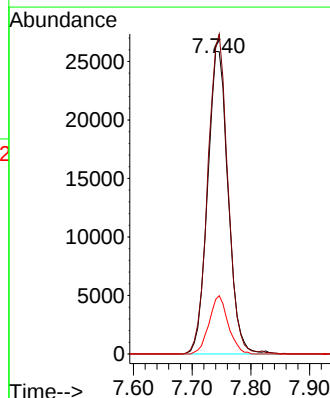
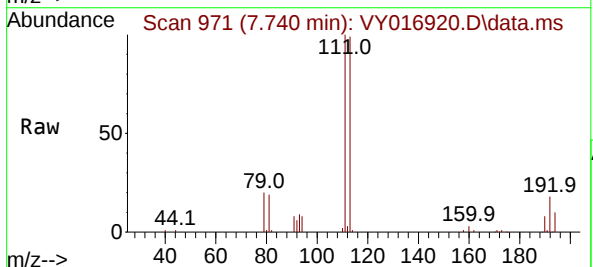
Tgt Ion:113 Resp: 62965

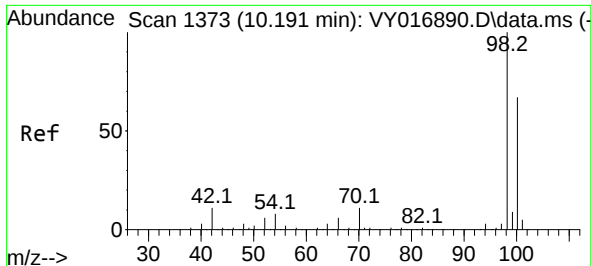
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 17.8 14.5 21.7

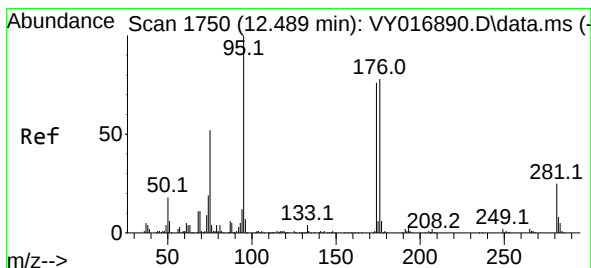
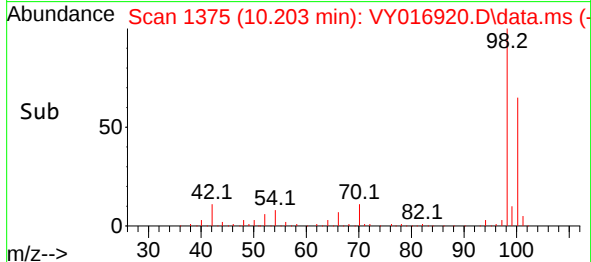
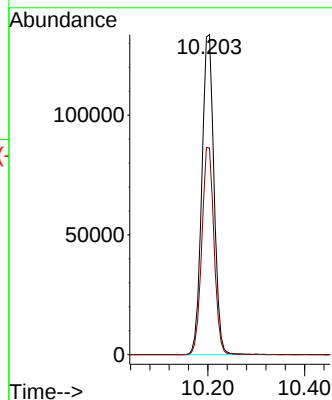
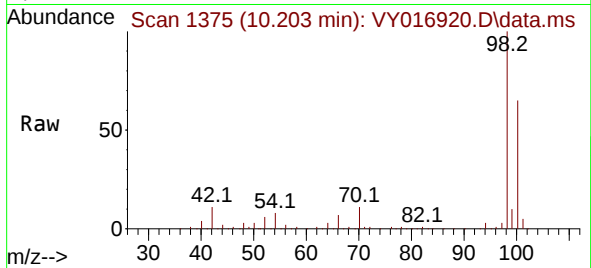




#50
Toluene-d8
Concen: 41.765 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016920.D
Acq: 05 Jan 2024 14:16

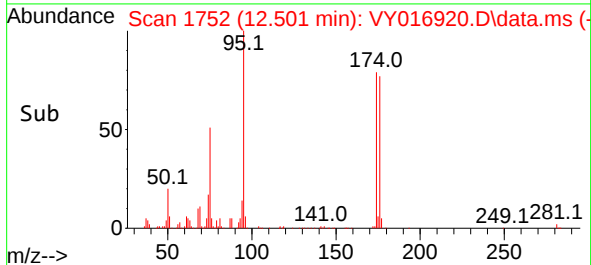
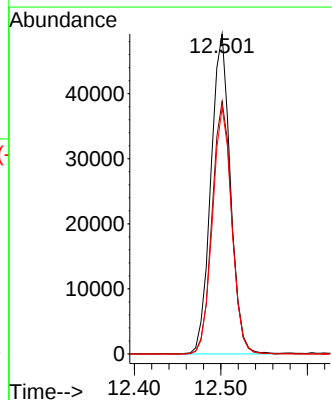
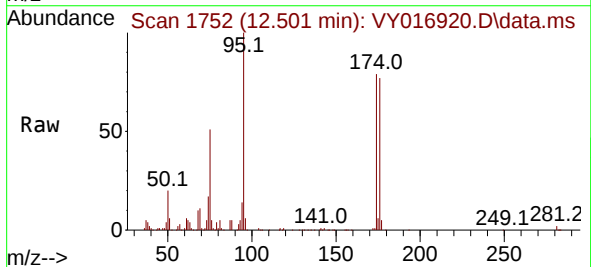
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

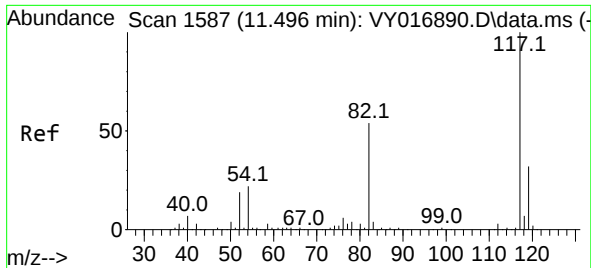
Tgt Ion: 98 Resp: 233290
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 40.833 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016920.D
Acq: 05 Jan 2024 14:16

Tgt Ion: 95 Resp: 76953
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.0
176 76.2 0.0 151.8

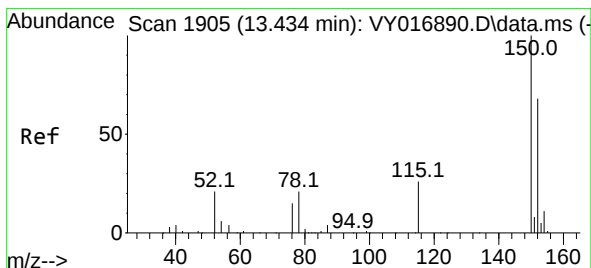
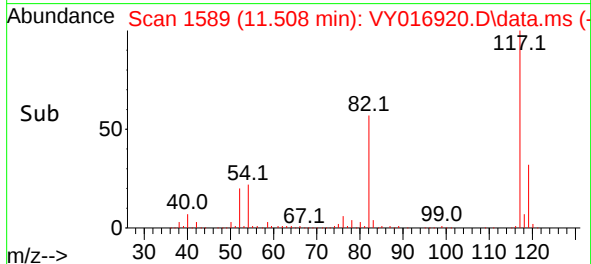
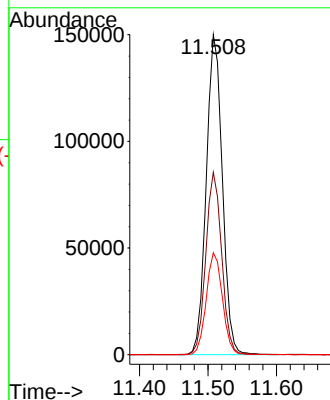
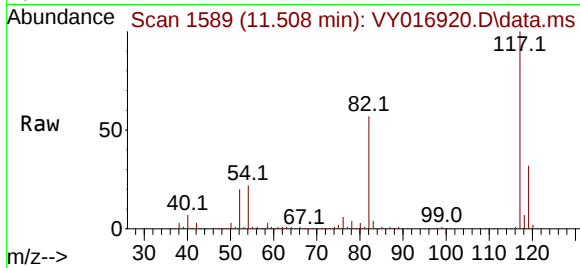




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016920.D
Acq: 05 Jan 2024 14:16

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion:117 Resp: 245578
Ion Ratio Lower Upper
117 100
82 57.0 43.8 65.8
119 31.8 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: VY016920.D
Acq: 05 Jan 2024 14:16

Tgt Ion:152 Resp: 97181
Ion Ratio Lower Upper
152 100
115 59.4 30.0 90.0
150 156.7 0.0 344.6

