

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016948.D
 Acq On : 09 Jan 2024 15:01
 Operator : SY/MD
 Sample : P1050-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT24029RE

Quant Time: Jan 10 02:27:21 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	9088	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	15348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	10662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	2094	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	3245	36.127	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.260%
35) Dibromofluoromethane	7.740	113	3820	39.058	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.120%
50) Toluene-d8	10.197	98	12294	36.504	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.000%
62) 4-Bromofluorobenzene	12.495	95	2238	19.696	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	39.400%

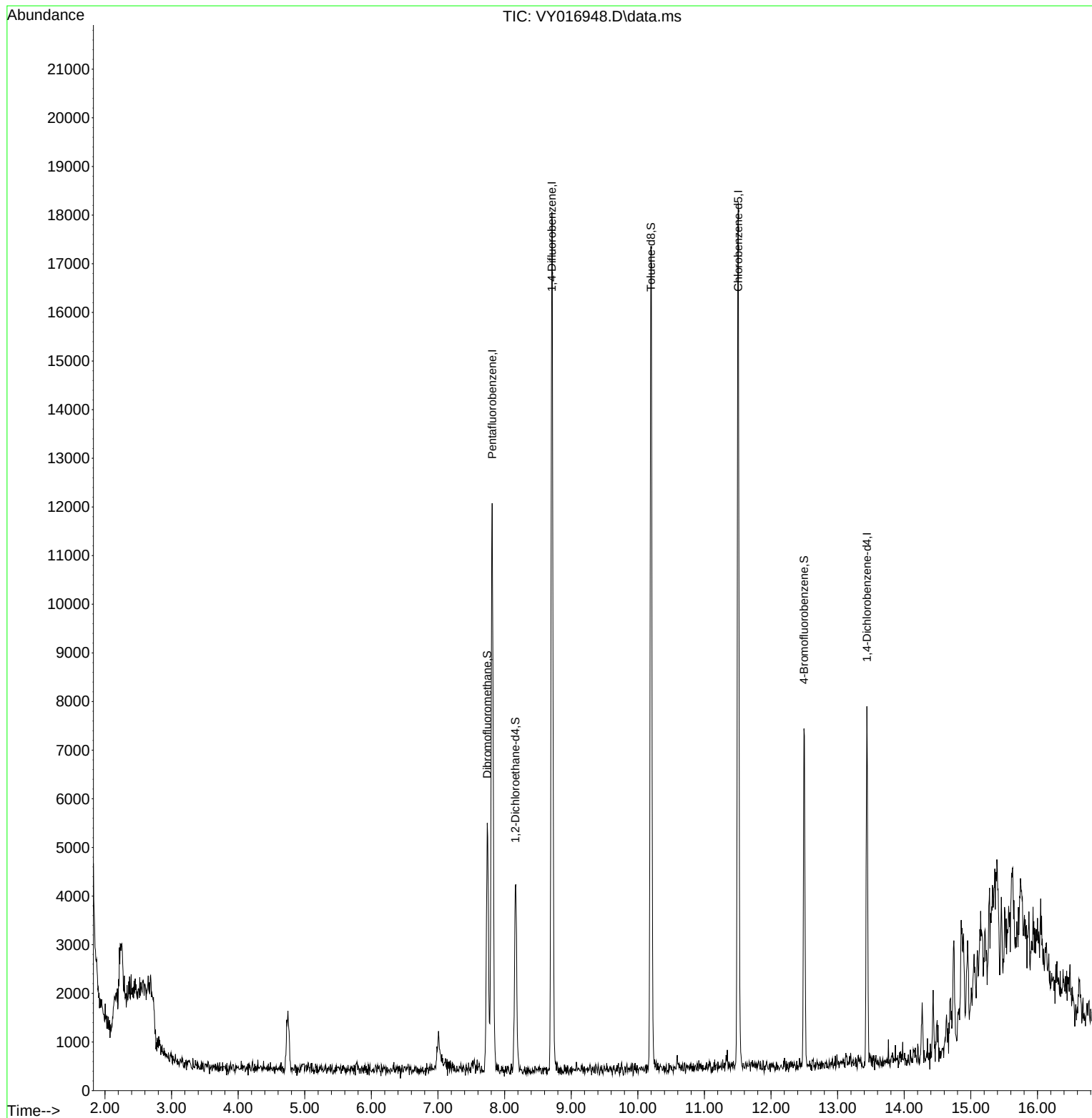
Target Compounds	Qvalue

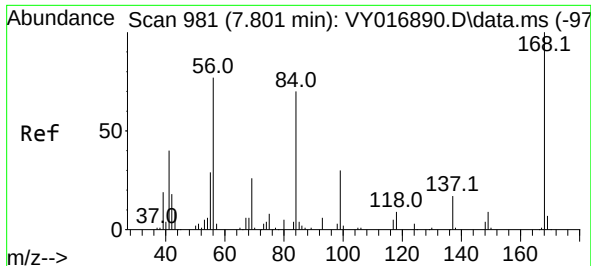
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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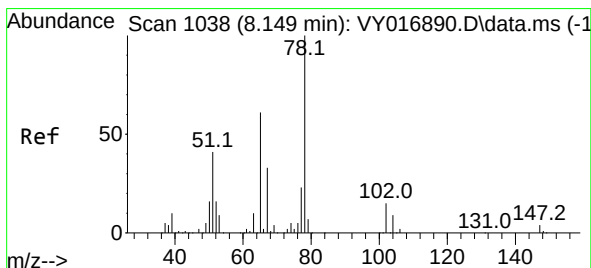
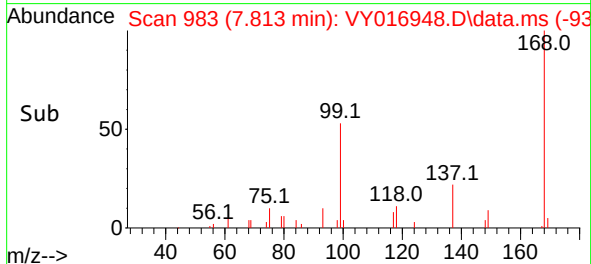
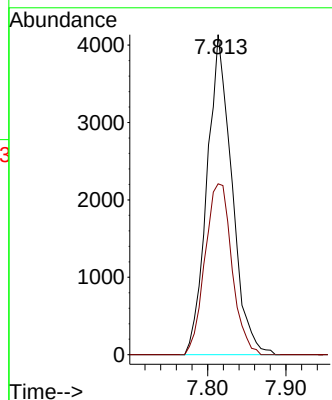
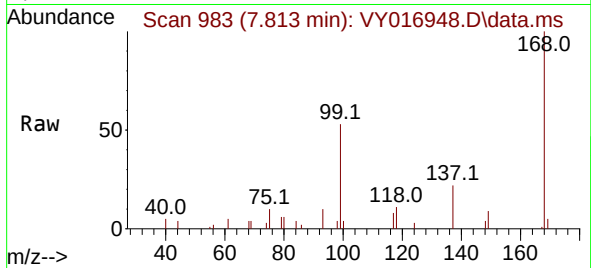




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016948.D
Acq: 09 Jan 2024 15:01

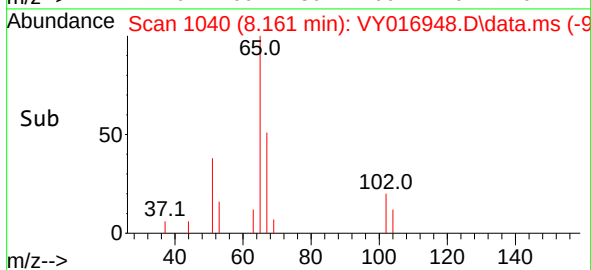
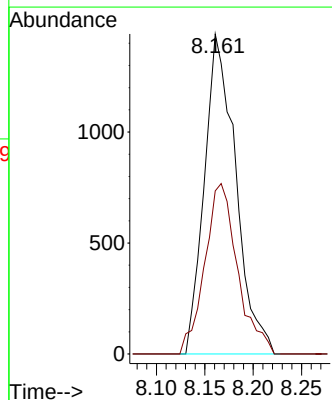
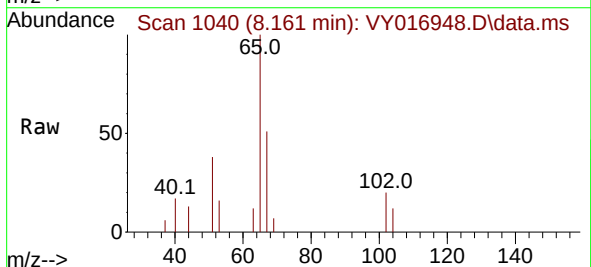
Instrument :
MSVOA_Y
ClientSampleId :
CHRT24029RE

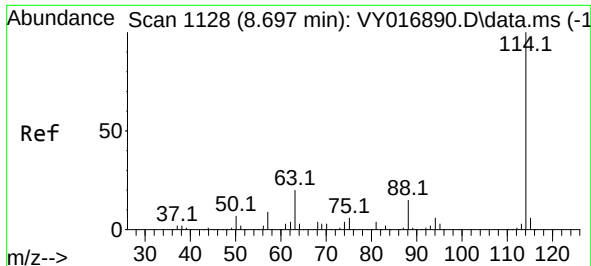
Tgt Ion:168 Resp: 9088
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 36.127 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016948.D
Acq: 09 Jan 2024 15:01

Tgt Ion: 65 Resp: 3245
Ion Ratio Lower Upper
65 100
67 55.8 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: VY016948.D

Acq: 09 Jan 2024 15:01

Instrument :

MSVOA_Y

ClientSampleId :

CHRT24029RE

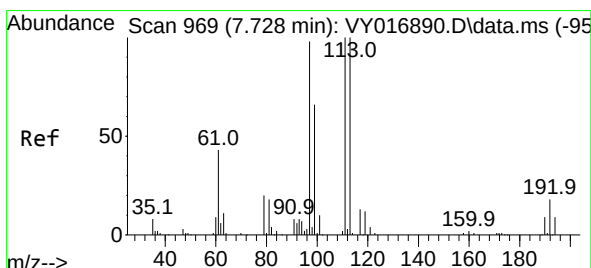
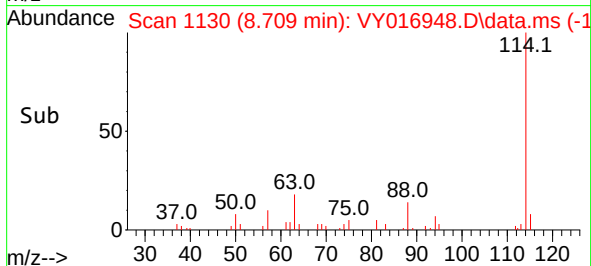
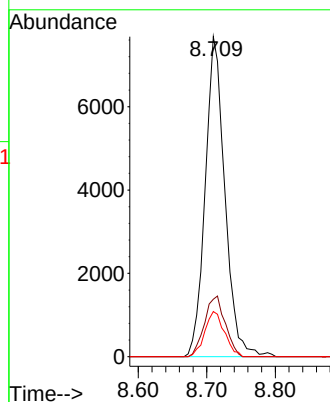
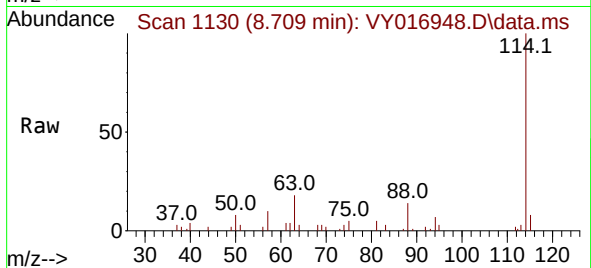
Tgt Ion:114 Resp: 15348

Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.4

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.058 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016948.D

Acq: 09 Jan 2024 15:01

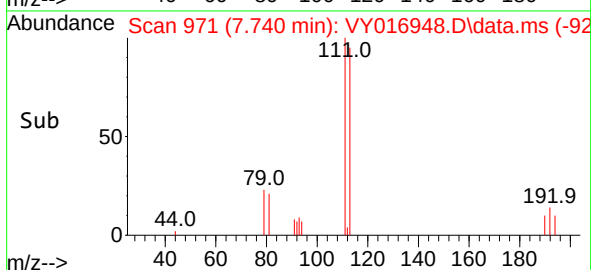
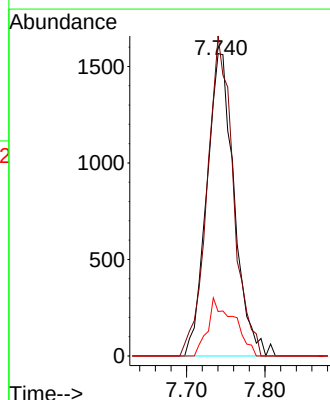
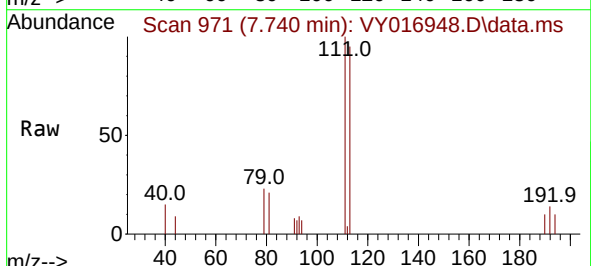
Tgt Ion:113 Resp: 3820

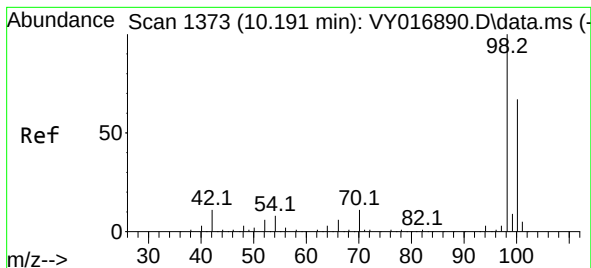
Ion Ratio Lower Upper

113 100

111 100.7 83.8 125.6

192 18.1 14.5 21.7





#50

Toluene-d8

Concen: 36.504 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016948.D

Acq: 09 Jan 2024 15:01

Instrument :

MSVOA_Y

ClientSampleId :

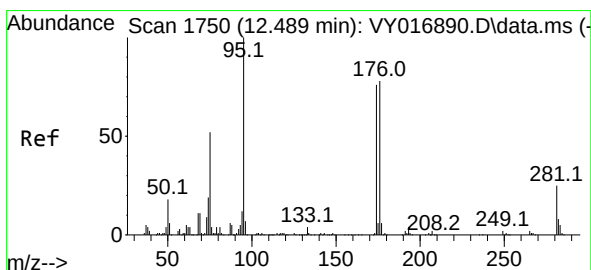
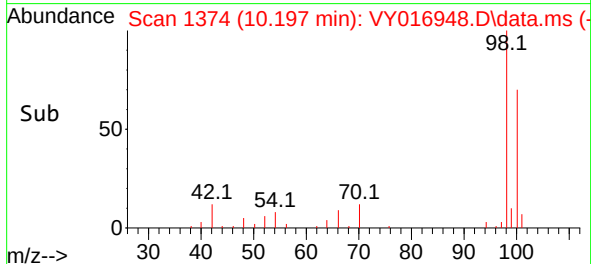
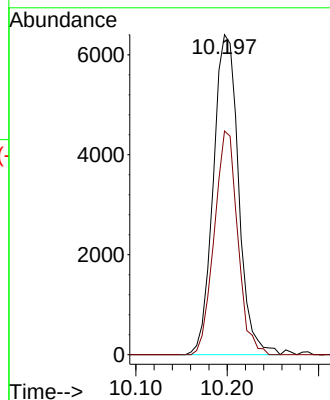
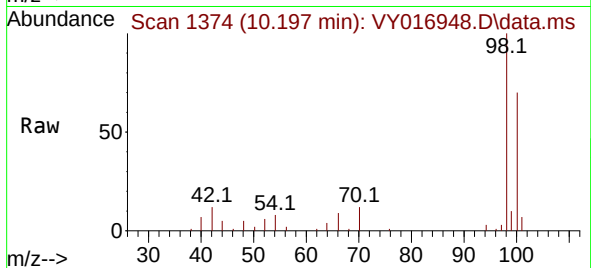
CHRT24029RE

Tgt Ion: 98 Resp: 12294

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 19.696 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016948.D

Acq: 09 Jan 2024 15:01

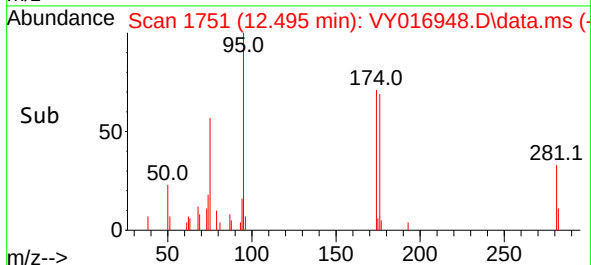
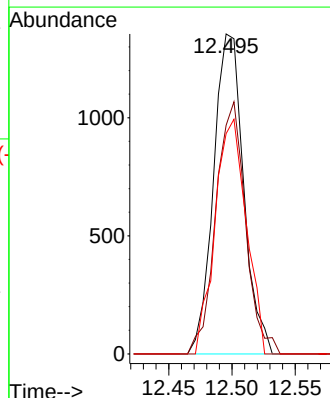
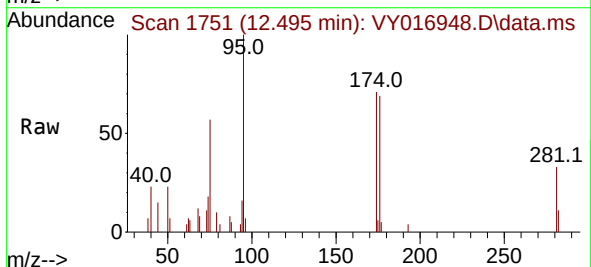
Tgt Ion: 95 Resp: 2238

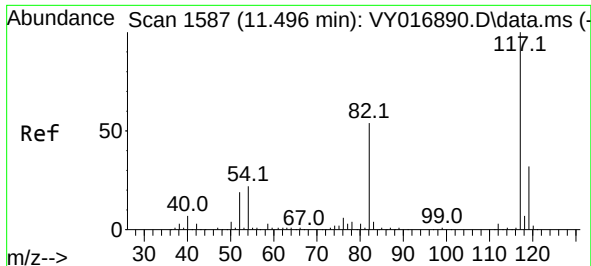
Ion Ratio Lower Upper

95 100

174 77.7 0.0 160.0

176 76.0 0.0 151.8

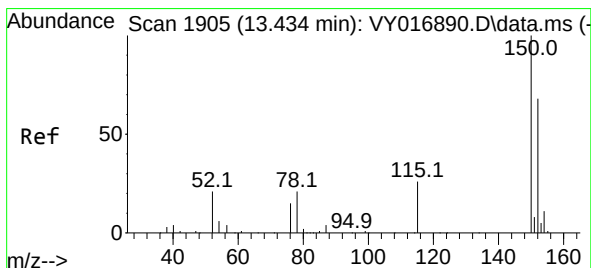
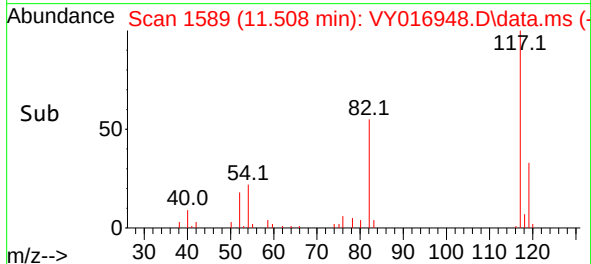
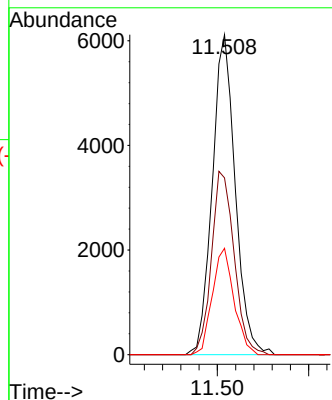
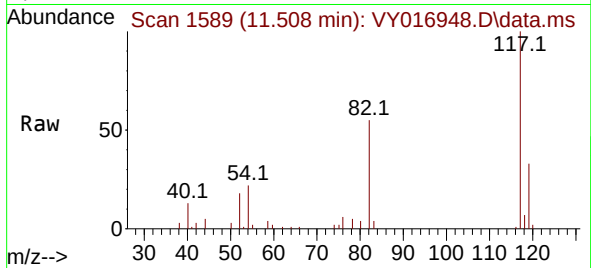




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016948.D
Acq: 09 Jan 2024 15:01

Instrument :
MSVOA_Y
ClientSampleId :
CHRT24029RE

Tgt Ion:117 Resp: 10662
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.8
119 33.3 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: VY016948.D
Acq: 09 Jan 2024 15:01

Tgt Ion:152 Resp: 2094
Ion Ratio Lower Upper
152 100
115 63.4 30.0 90.0
150 155.3 0.0 344.6

