

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016949.D
 Acq On : 09 Jan 2024 15:24
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 10 02:27:44 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	112147	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	238728	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	230561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	85972	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	53021	47.835	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.660%
35) Dibromofluoromethane	7.740	113	57888	38.053	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.100%
50) Toluene-d8	10.197	98	214378	40.924	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.840%
62) 4-Bromofluorobenzene	12.495	95	66096	37.397	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.800%

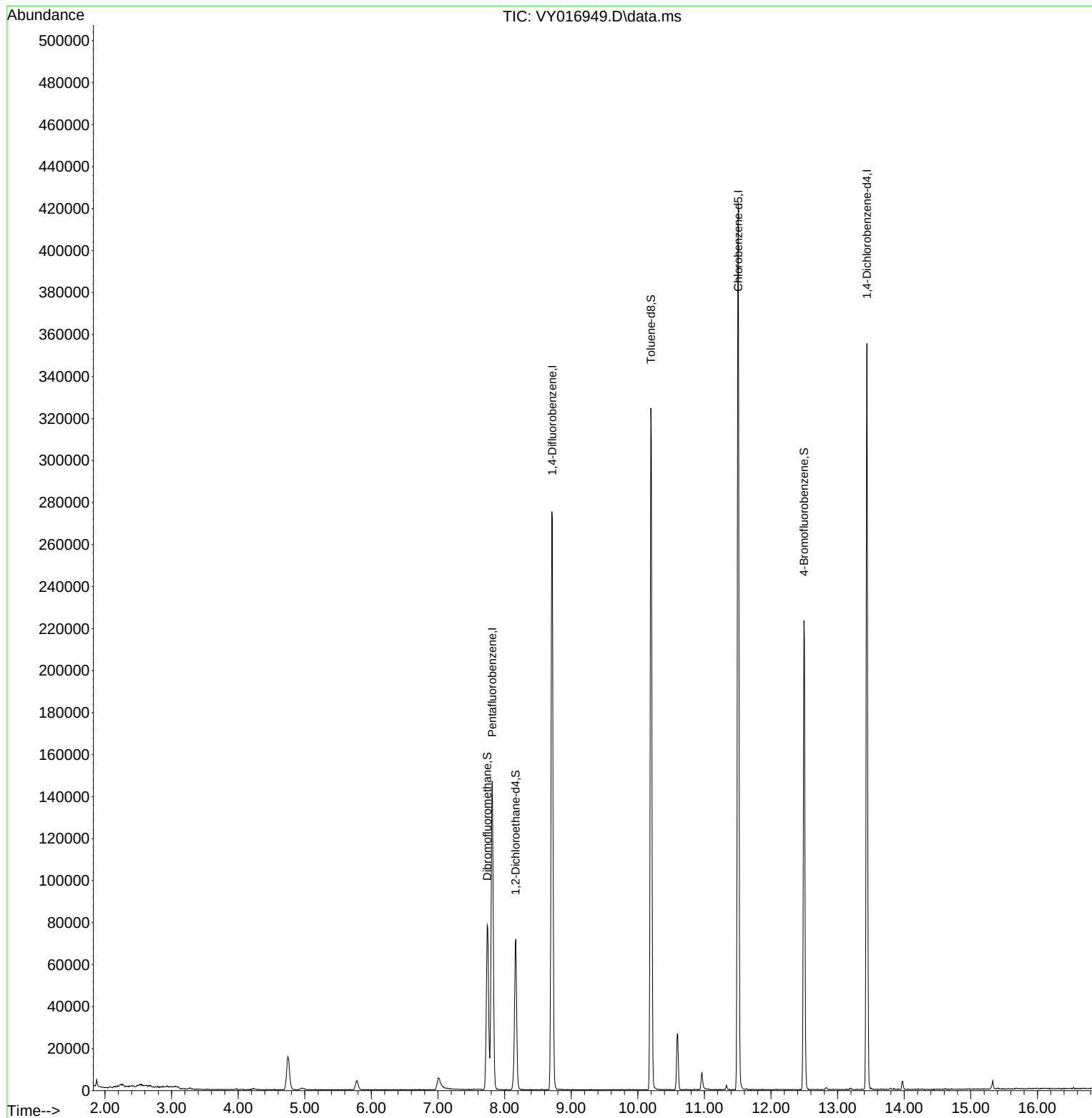
Target Compounds	Qvalue

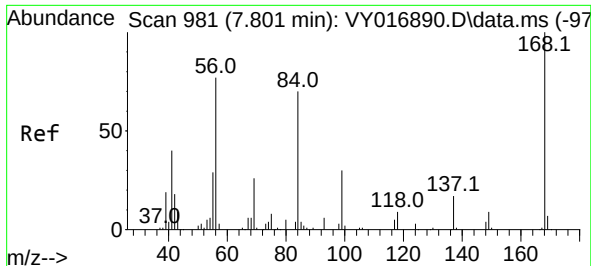
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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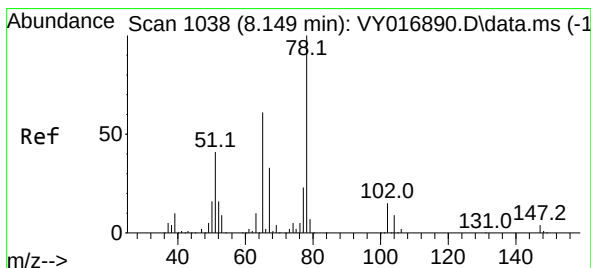
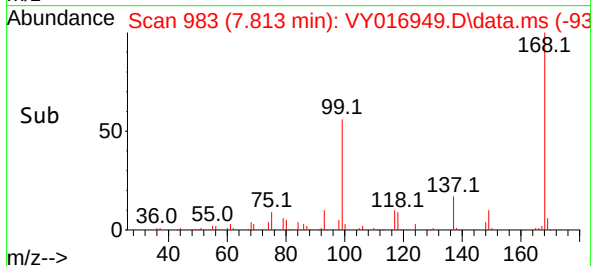
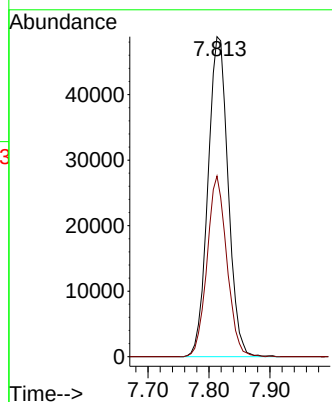
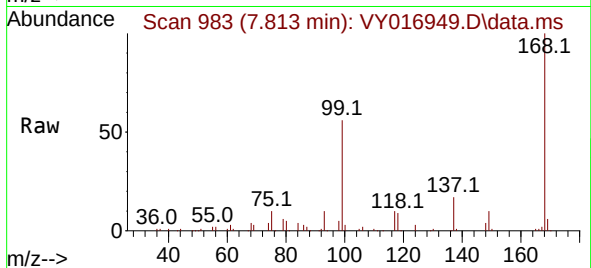




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016949.D
Acq: 09 Jan 2024 15:24

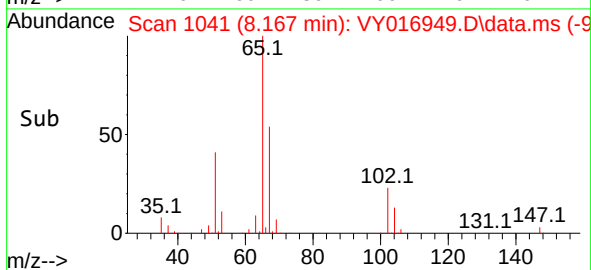
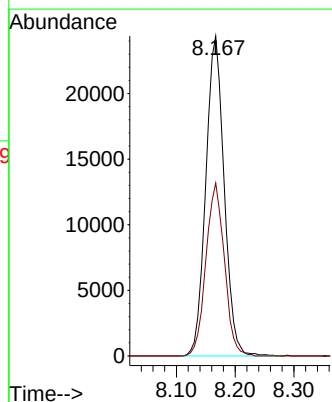
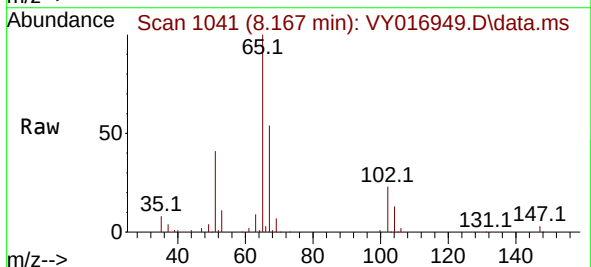
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

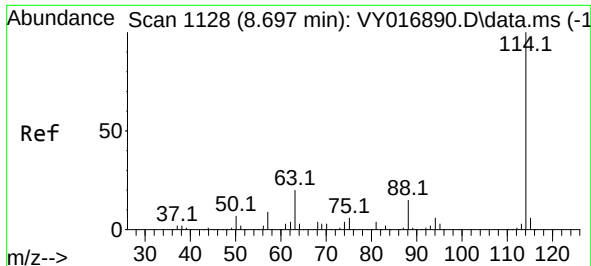
Tgt Ion:168 Resp: 112147
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.835 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016949.D
Acq: 09 Jan 2024 15:24

Tgt Ion: 65 Resp: 53021
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY016949.D

Acq: 09 Jan 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

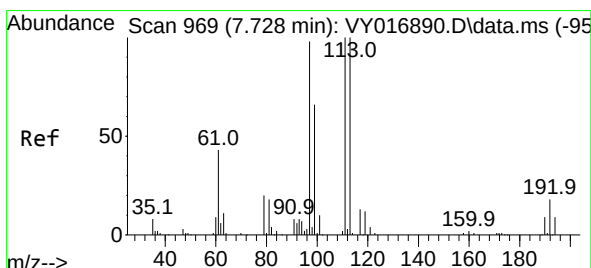
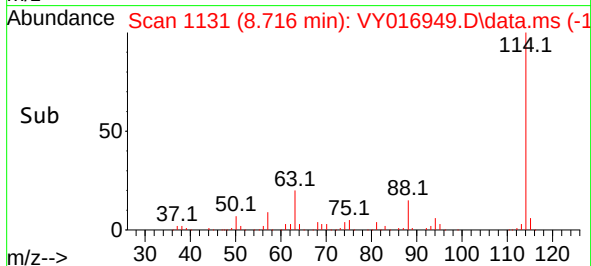
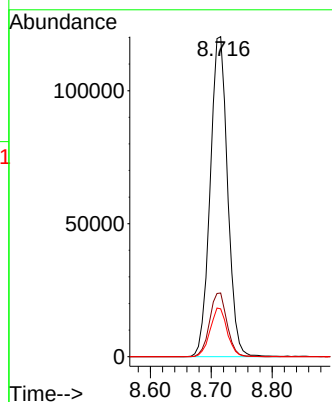
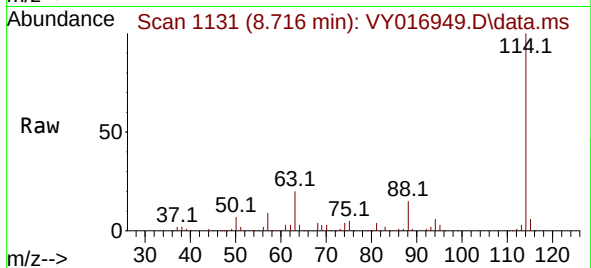
Tgt Ion:114 Resp: 238728

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.053 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016949.D

Acq: 09 Jan 2024 15:24

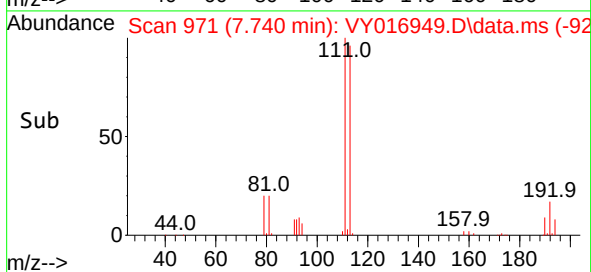
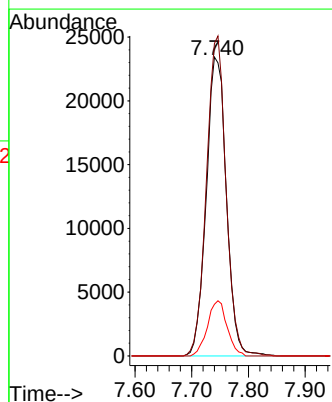
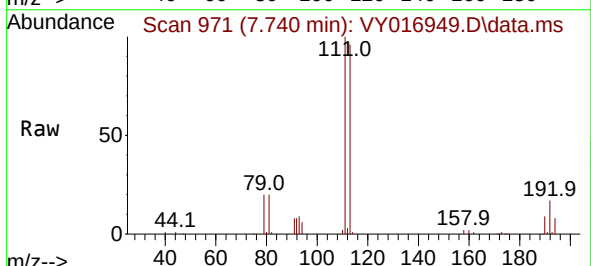
Tgt Ion:113 Resp: 57888

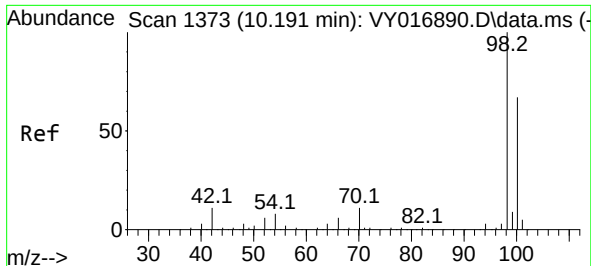
Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 17.9 14.5 21.7

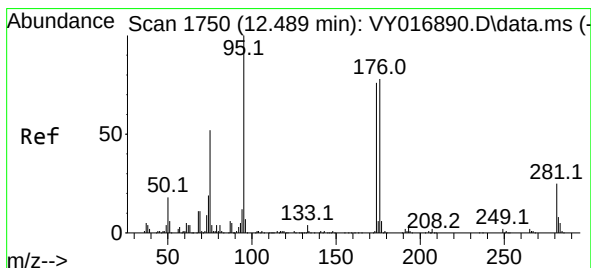
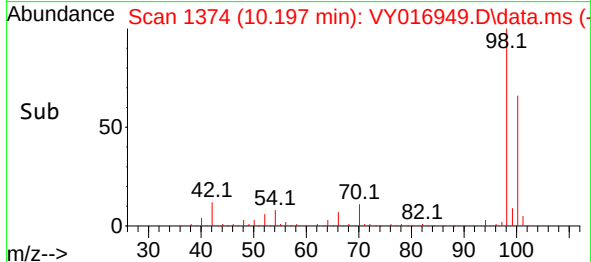
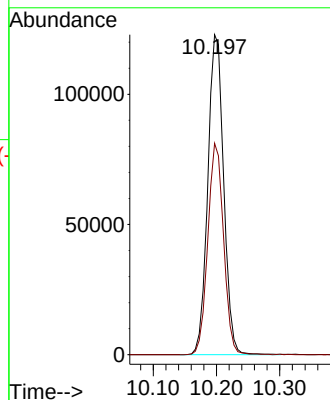
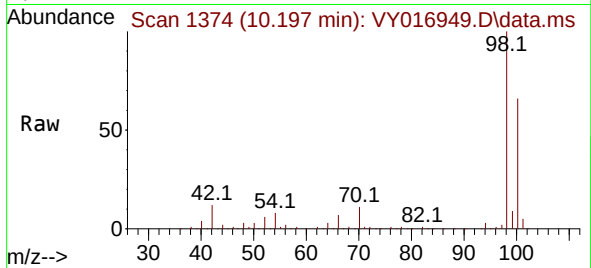




#50
Toluene-d8
Concen: 40.924 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016949.D
Acq: 09 Jan 2024 15:24

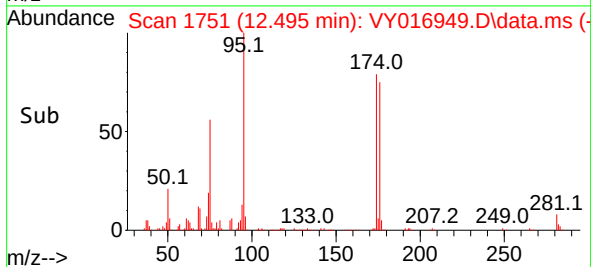
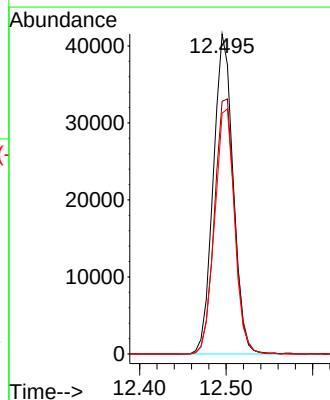
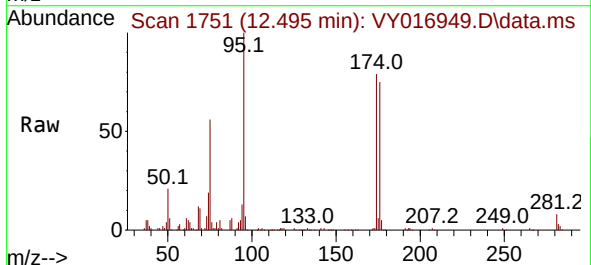
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

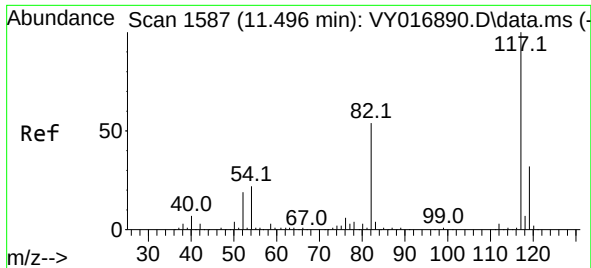
Tgt Ion: 98 Resp: 214378
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.397 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016949.D
Acq: 09 Jan 2024 15:24

Tgt Ion: 95 Resp: 66096
Ion Ratio Lower Upper
95 100
174 81.7 0.0 160.0
176 77.2 0.0 151.8

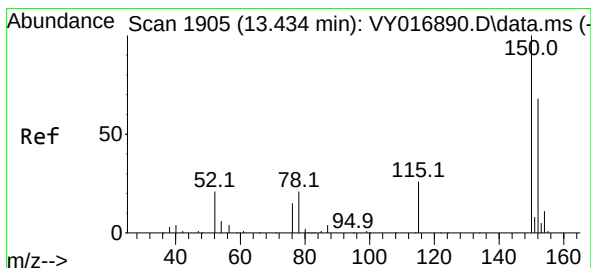
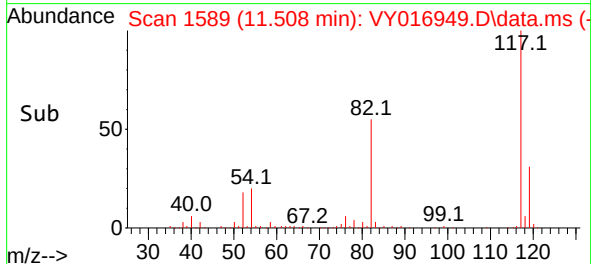
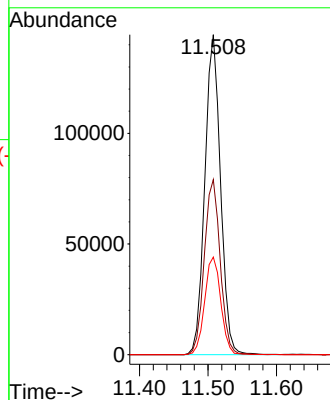
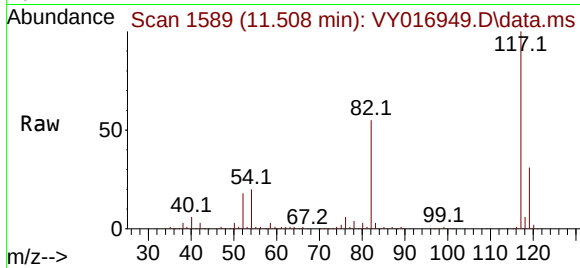




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY016949.D
Acq: 09 Jan 2024 15:24

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 230561
Ion Ratio Lower Upper
117 100
82 54.7 43.8 65.8
119 30.5 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: VY016949.D
Acq: 09 Jan 2024 15:24

Tgt Ion:152 Resp: 85972
Ion Ratio Lower Upper
152 100
115 58.8 30.0 90.0
150 157.6 0.0 344.6

