

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016974.D
 Acq On : 10 Jan 2024 15:37
 Operator : SY/MD
 Sample : P1100-01
 Misc : 2.97g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Jan 11 00:13:46 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	7.795	168	104286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	224043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	214413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	74538	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	53230	51.643	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.280%
35) Dibromofluoromethane	7.722	113	54492	38.168	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.340%
50) Toluene-d8	10.185	98	199204	40.519	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.040%
62) 4-Bromofluorobenzene	12.489	95	59834	36.073	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.140%

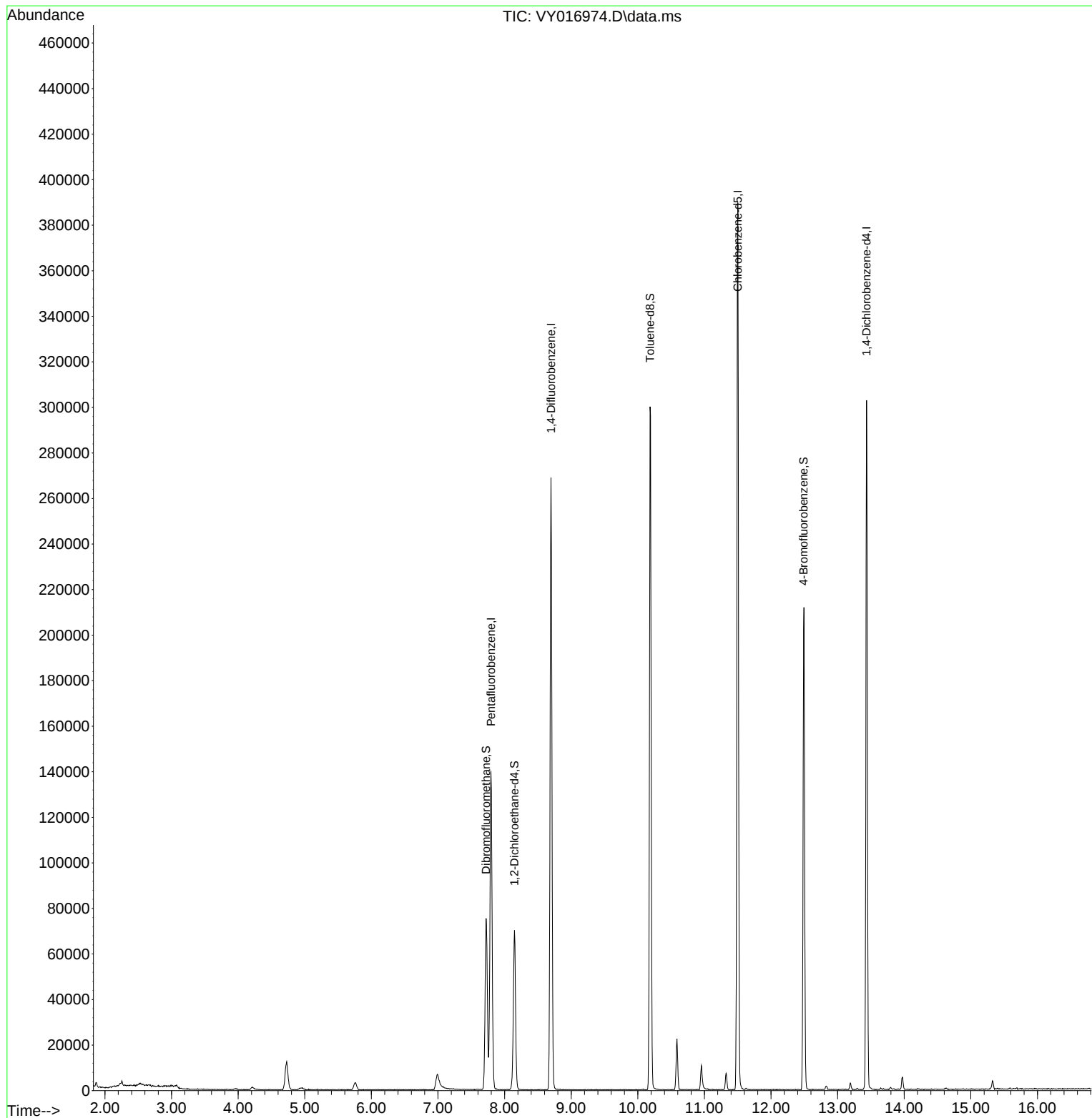
Target Compounds	Qvalue

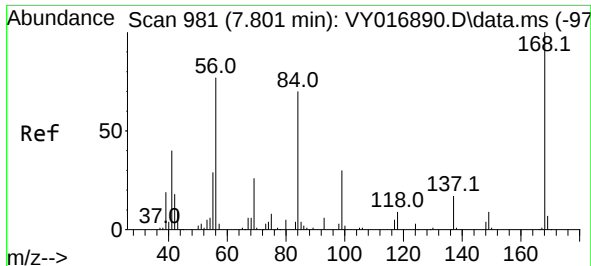
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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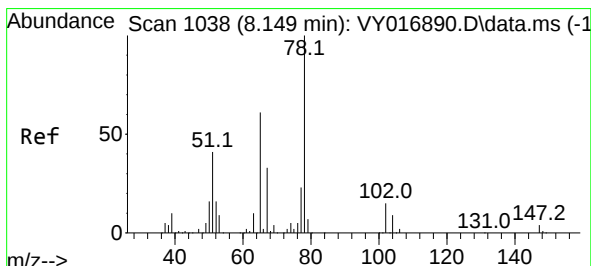
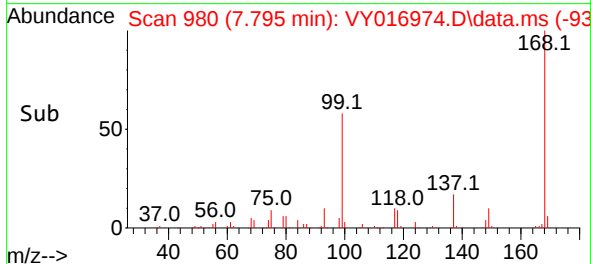
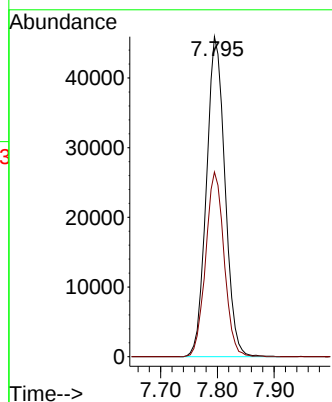
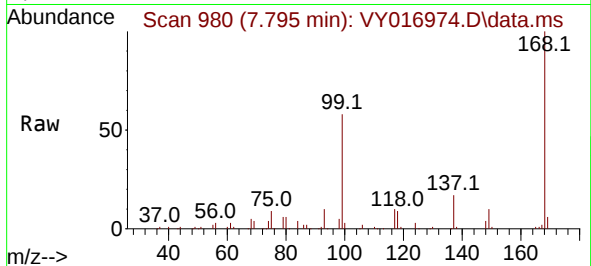




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016974.D
Acq: 10 Jan 2024 15:37

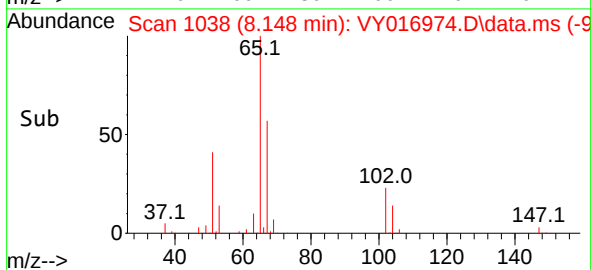
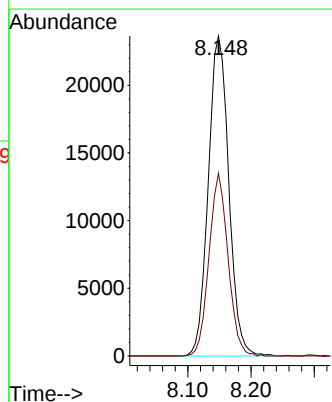
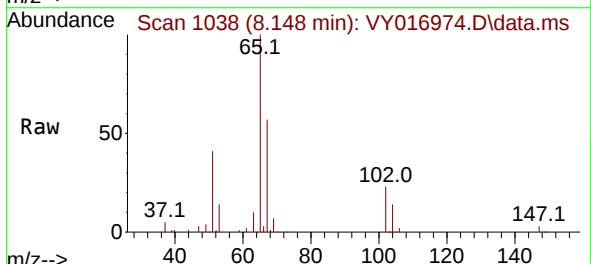
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

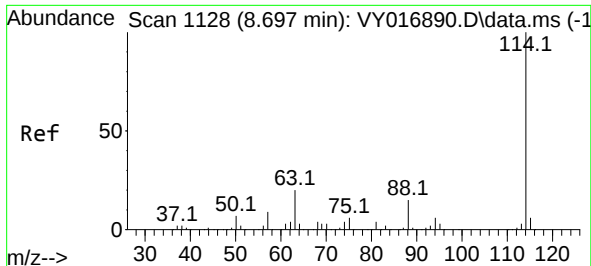
Tgt Ion:168 Resp: 104286
Ion Ratio Lower Upper
168 100
99 57.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 51.643 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.007 min
Lab File: VY016974.D
Acq: 10 Jan 2024 15:37

Tgt Ion: 65 Resp: 53230
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.0

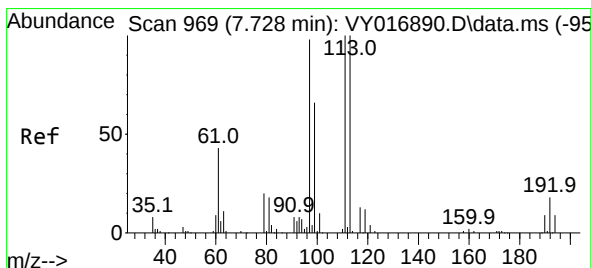
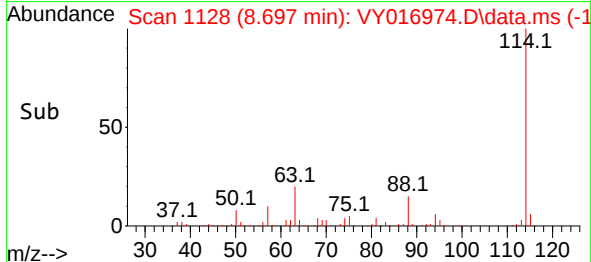
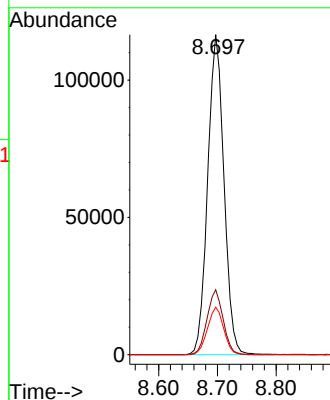
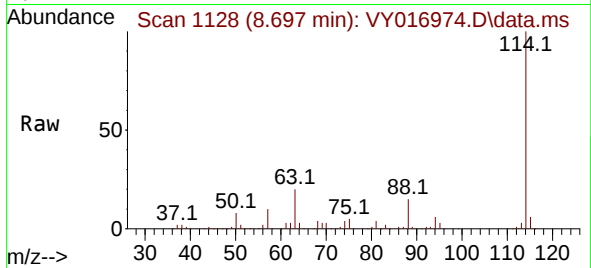




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY016974.D
Acq: 10 Jan 2024 15:37

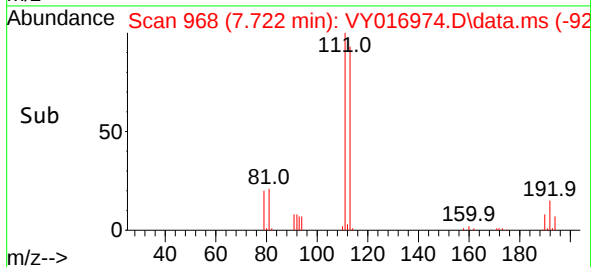
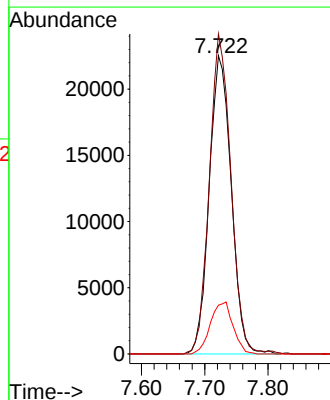
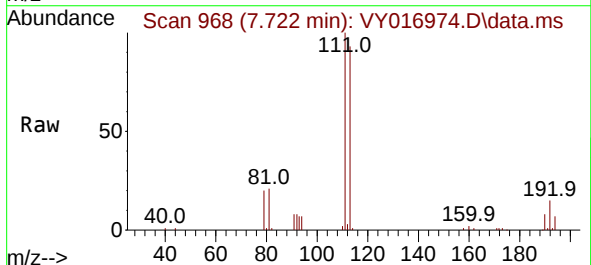
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

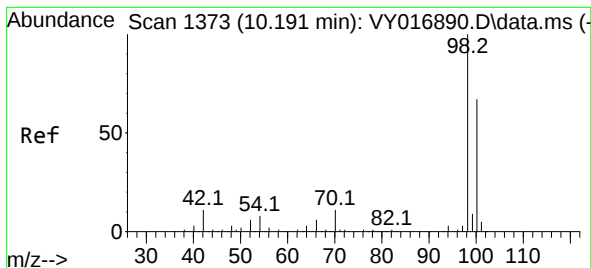
Tgt Ion:114 Resp: 224043
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.4
88 14.9 0.0 29.0



#35
Dibromofluoromethane
Concen: 38.168 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY016974.D
Acq: 10 Jan 2024 15:37

Tgt Ion:113 Resp: 54492
Ion Ratio Lower Upper
113 100
111 104.8 83.8 125.6
192 17.8 14.5 21.7





#50

Toluene-d8

Concen: 40.519 ug/l

RT: 10.185 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016974.D

Acq: 10 Jan 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

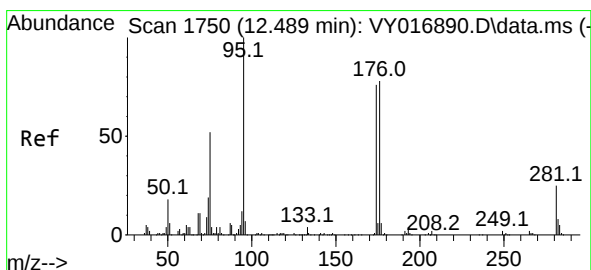
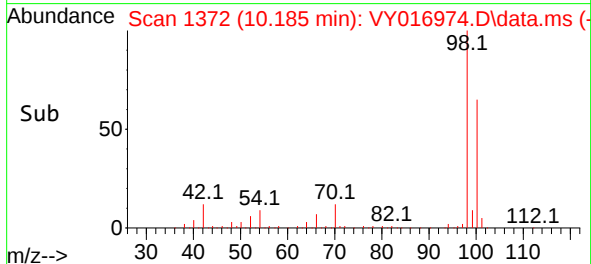
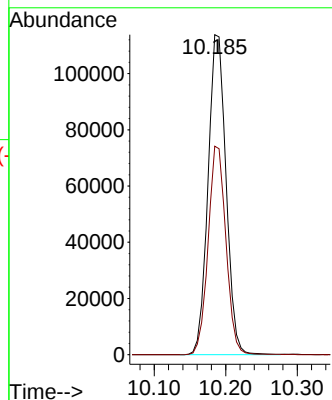
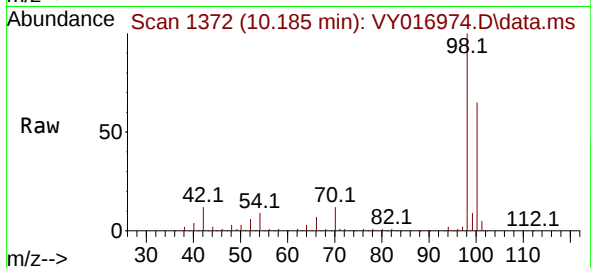
COMP-1

Tgt Ion: 98 Resp: 199204

Ion Ratio Lower Upper

98 100

100 64.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 36.073 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016974.D

Acq: 10 Jan 2024 15:37

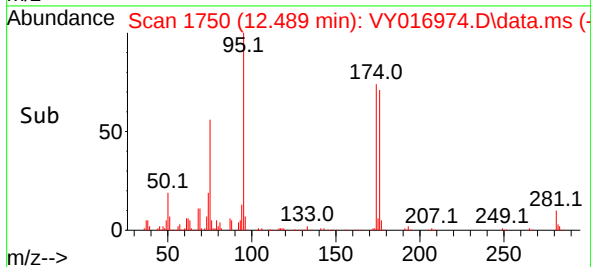
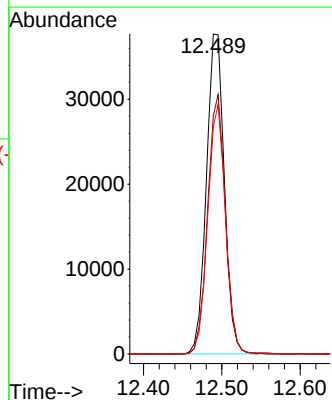
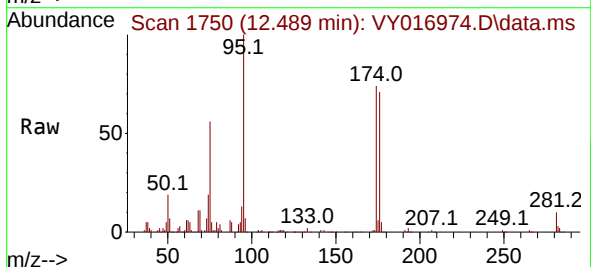
Tgt Ion: 95 Resp: 59834

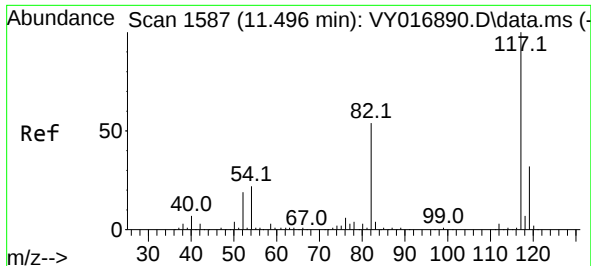
Ion Ratio Lower Upper

95 100

174 80.2 0.0 160.0

176 76.8 0.0 151.8

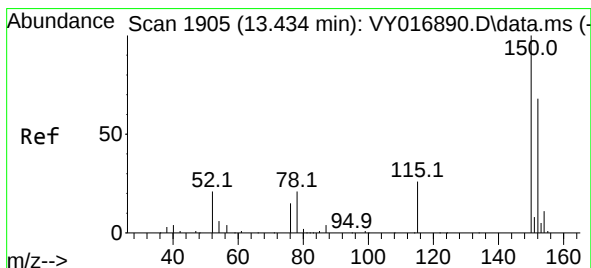
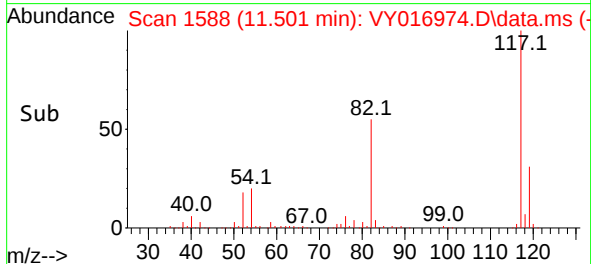
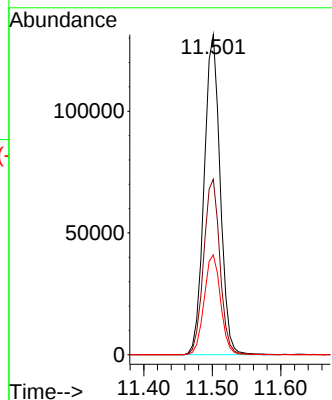
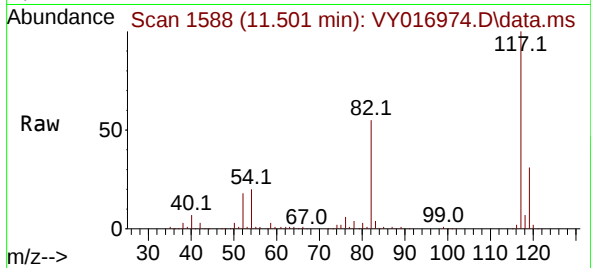




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY016974.D
Acq: 10 Jan 2024 15:37

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion:117 Resp: 214413
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.8
119 31.2 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016974.D
Acq: 10 Jan 2024 15:37

Tgt Ion:152 Resp: 74538
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.0
150 157.4 0.0 344.6

