

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
 Data File : VY020914.D
 Acq On : 23 Jan 2025 16:42
 Operator : SY/MD
 Sample : Q1169-05
 Misc : 5.49g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPILL-SITE

Quant Time: Jan 24 00:19:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.726	168	386981	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.628	114	589963	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.426	117	462941	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	195338	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	152184	46.268	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.540%
35) Dibromofluoromethane	7.646	113	172766	46.743	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.480%
50) Toluene-d8	10.115	98	669793	51.984	ug/l	-0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.960%
62) 4-Bromofluorobenzene	12.414	95	196929	41.389	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.780%

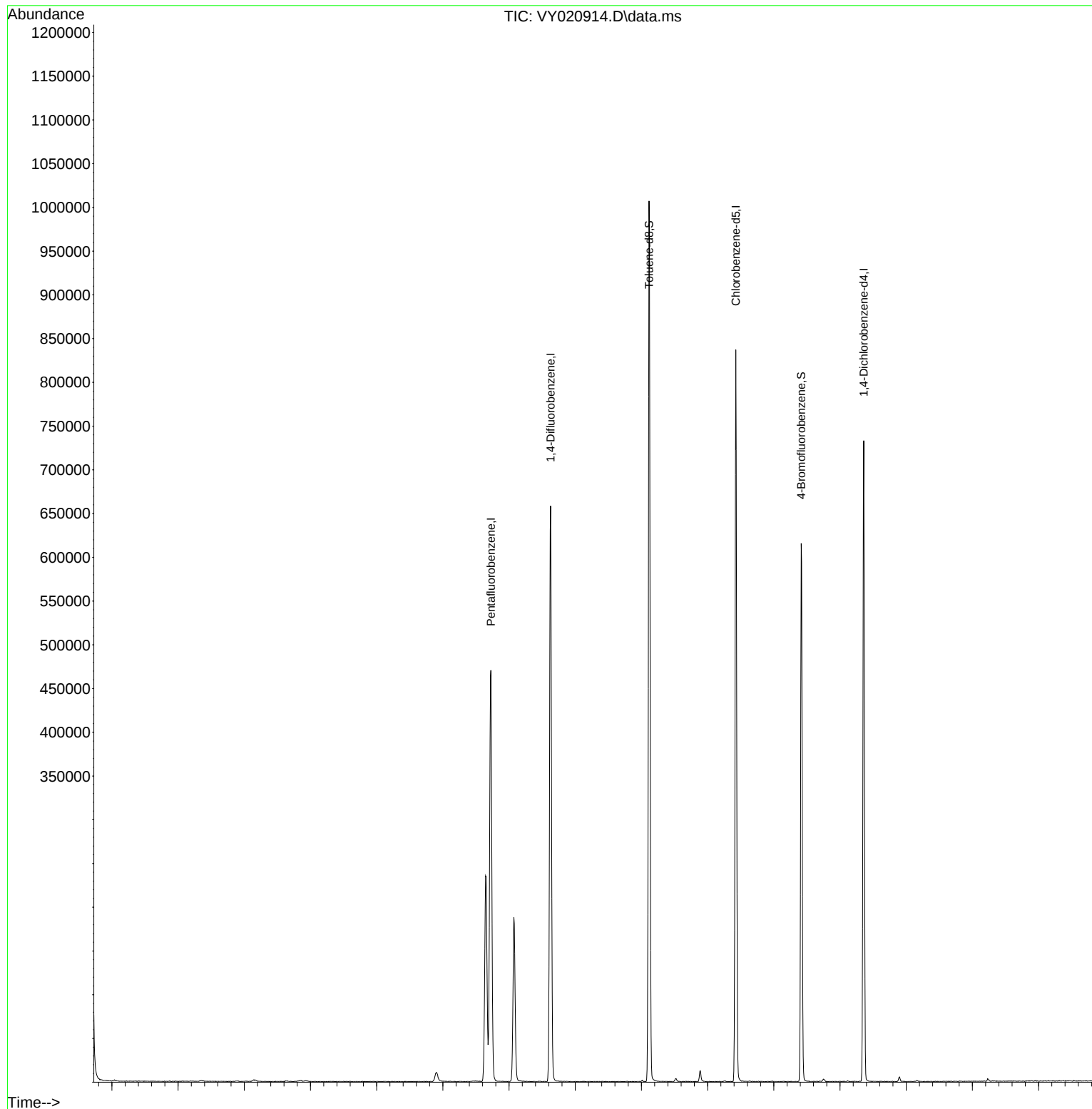
Target Compounds	Qvalue

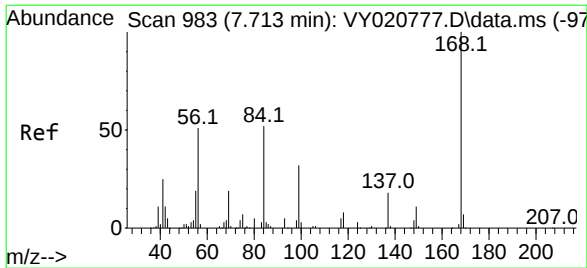
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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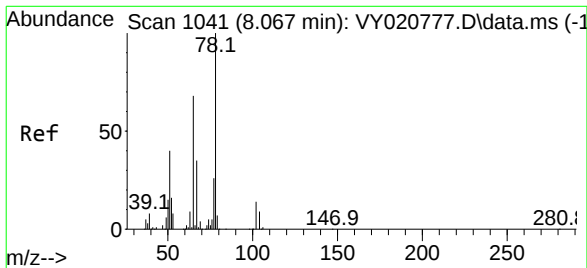
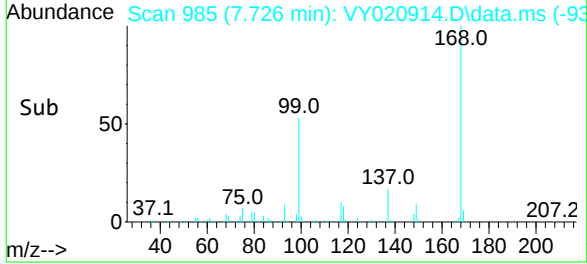
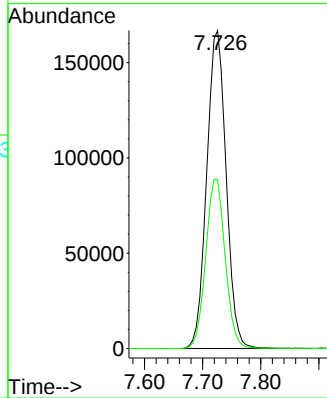
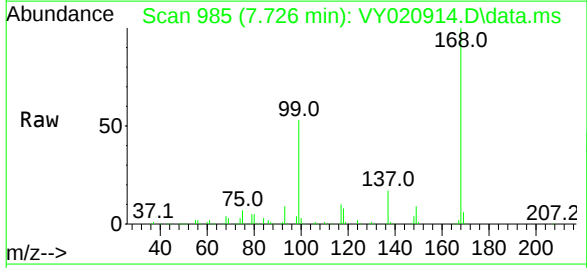




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 98
Delta R.T. -0.011 min
Lab File: VY020914.D
Acq: 23 Jan 2025 16:42

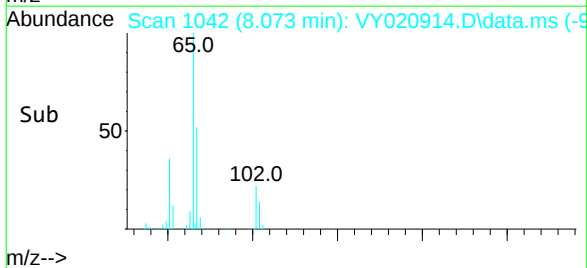
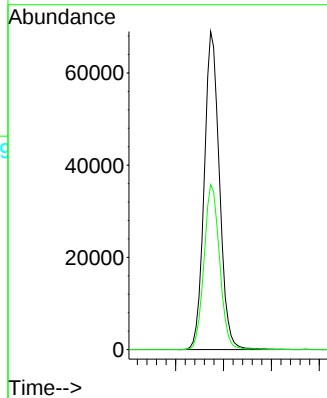
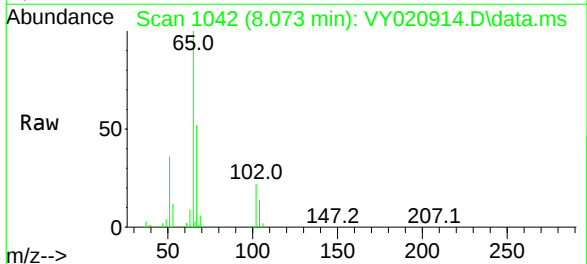
Instrument :
MSVOA_Y
ClientSampleId :
SPILL-SITE

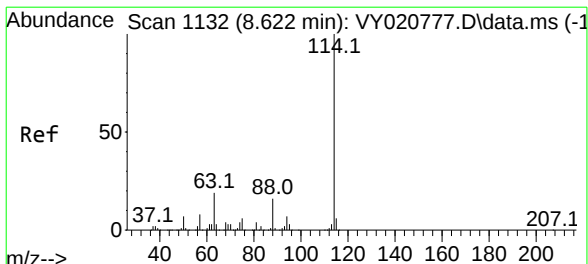
Tgt Ion:168 Resp: 386981
Ion Ratio Lower Upper
168 100
99 53.1 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 46.268 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.018 min
Lab File: VY020914.D
Acq: 23 Jan 2025 16:42

Tgt Ion: 65 Resp: 152184
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.8

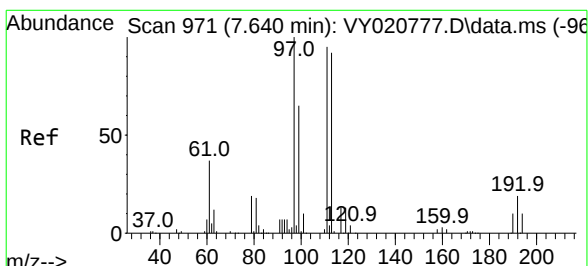
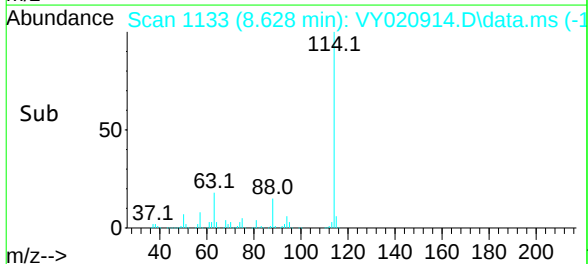
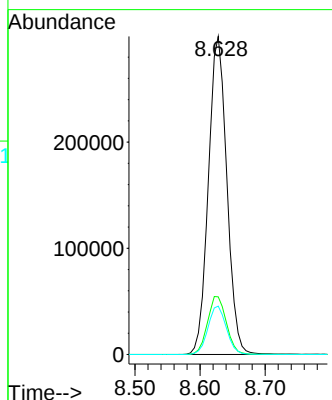
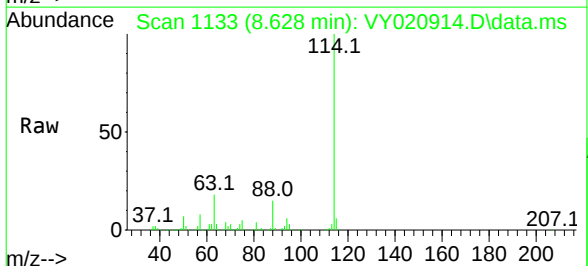




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VY020914.D
 Acq: 23 Jan 2025 16:42

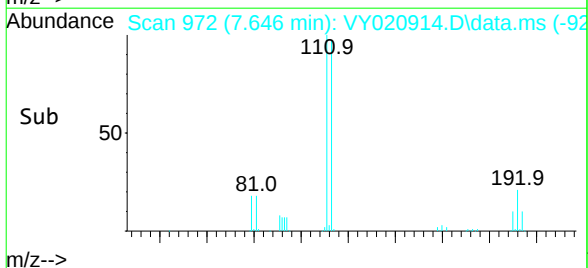
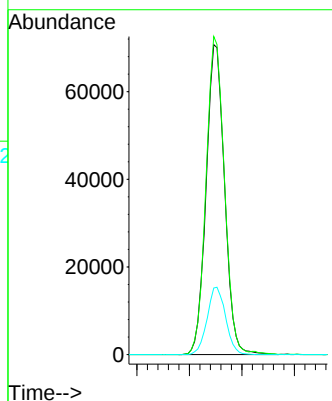
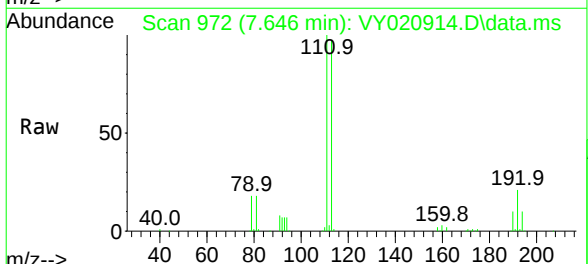
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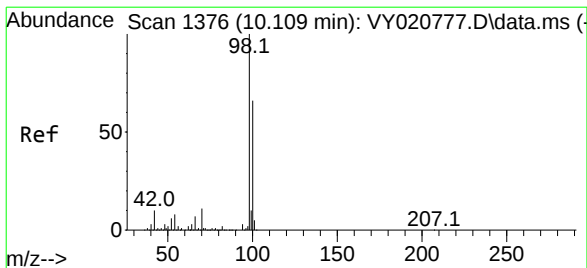
Tgt Ion:	114	Resp:	589963
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	38.4
88	15.2	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 46.743 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. -0.018 min
 Lab File: VY020914.D
 Acq: 23 Jan 2025 16:42

Tgt Ion:	113	Resp:	172766
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.7	122.5
192	21.8	16.7	25.1





#50

Toluene-d8

Concen: 51.984 ug/l

RT: 10.115 min Scan# 1376

Delta R.T. -0.018 min

Lab File: VY020914.D

Acq: 23 Jan 2025 16:42

Instrument :

MSVOA_Y

ClientSampleId :

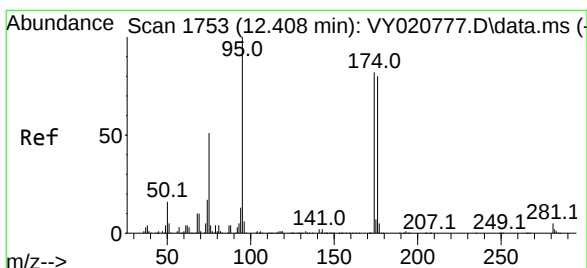
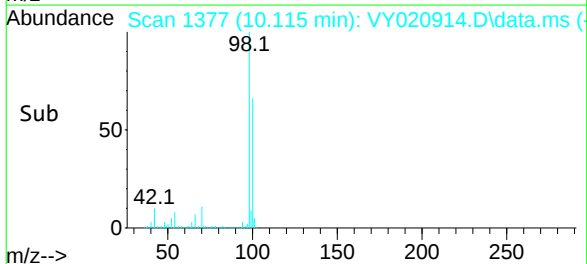
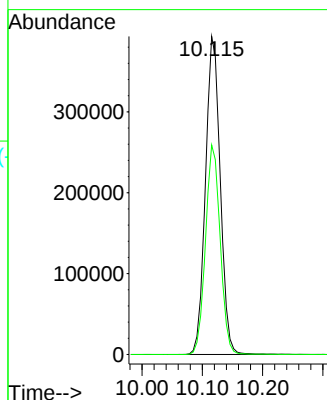
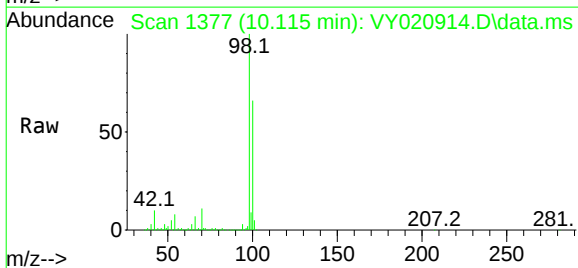
SPILL-SITE

Tgt Ion: 98 Resp: 669793

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 41.389 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.012 min

Lab File: VY020914.D

Acq: 23 Jan 2025 16:42

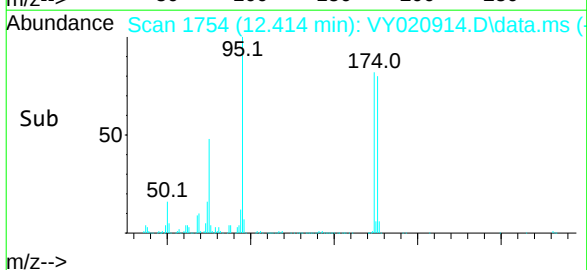
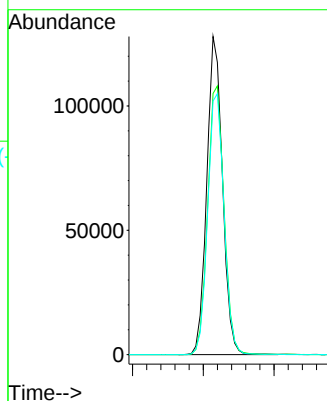
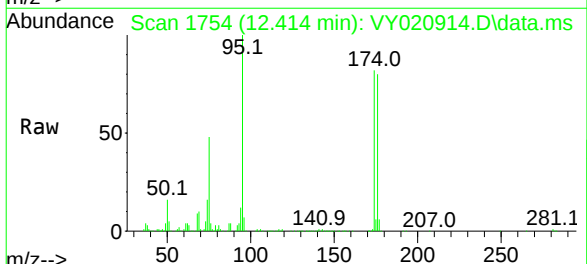
Tgt Ion: 95 Resp: 196929

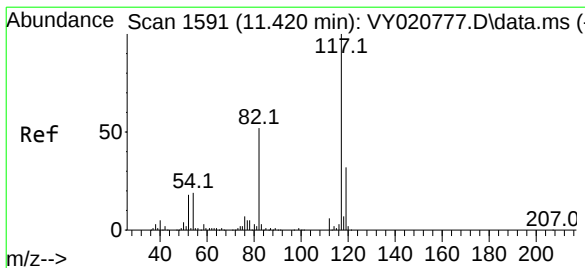
Ion Ratio Lower Upper

95 100

174 88.2 0.0 178.0

176 85.4 0.0 172.0

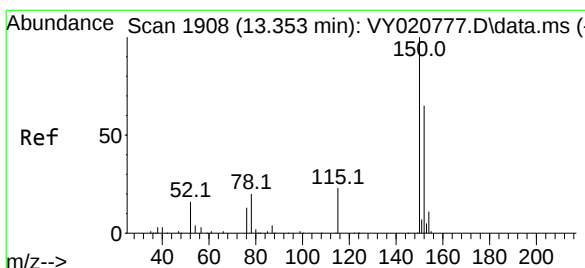
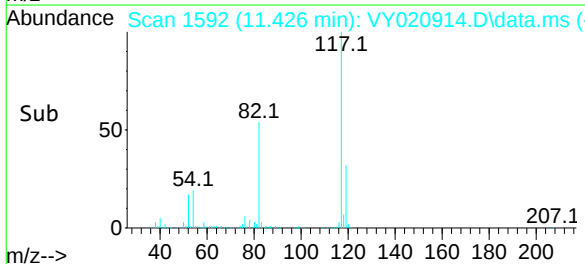
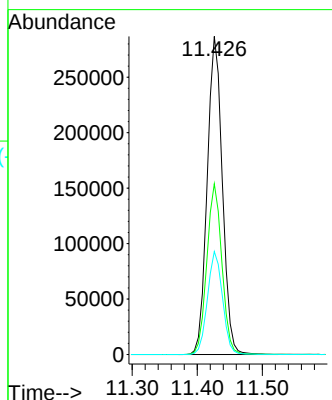
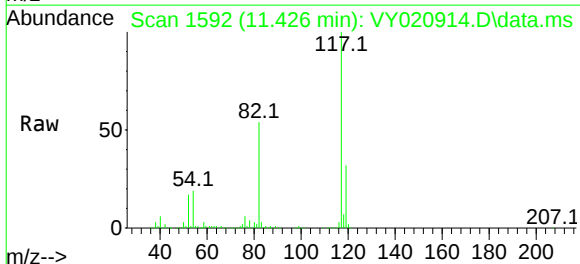




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1591
Delta R.T. -0.012 min
Lab File: VY020914.D
Acq: 23 Jan 2025 16:42

Instrument :
MSVOA_Y
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Tgt Ion:	117	Resp:	462941
Ion	Ratio	Lower	Upper
117	100		
82	53.7	41.8	62.6
119	32.4	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. -0.012 min
Lab File: VY020914.D
Acq: 23 Jan 2025 16:42

Tgt Ion:	152	Resp:	195338
Ion	Ratio	Lower	Upper
152	100		
115	56.8	29.0	87.0
150	157.0	0.0	347.4

