

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011425\
 Data File : VY020824.D
 Acq On : 14 Jan 2025 16:02
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 15 03:31:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

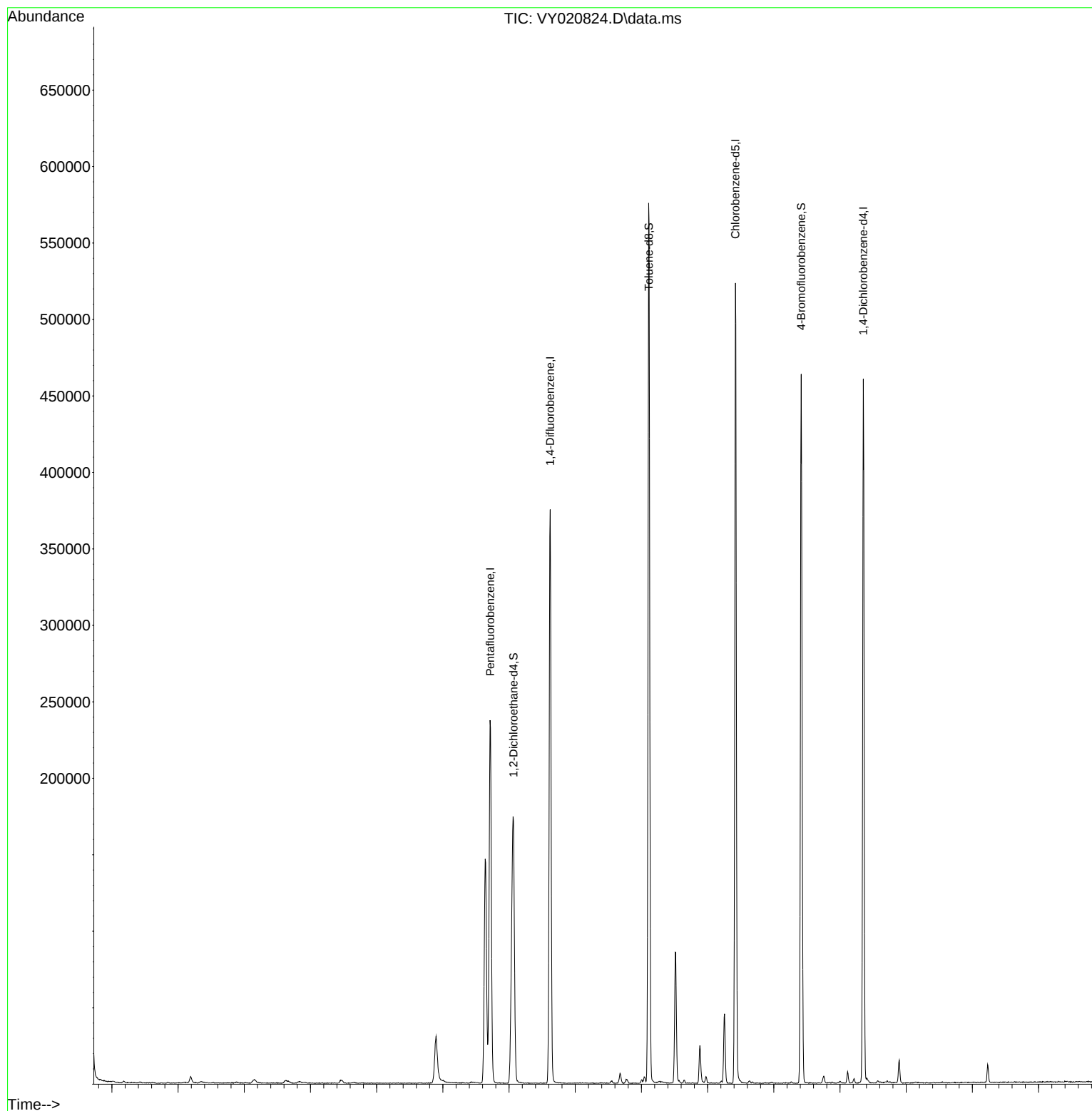
Internal Standards						
1) Pentafluorobenzene	7.713	168	192733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	334157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	291212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	122064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	99210	60.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.120%
35) Dibromofluoromethane	7.640	113	107302	51.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.520%
50) Toluene-d8	10.109	98	395394	54.180	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.360%
62) 4-Bromofluorobenzene	12.414	95	125552	46.588	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.180%

Target Compounds Qvalue

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

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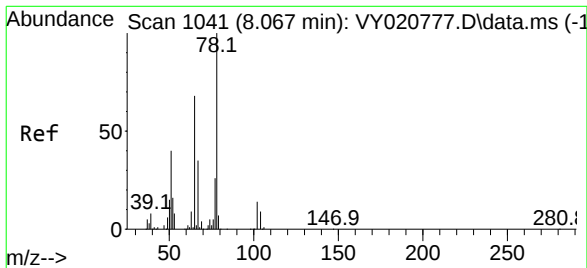
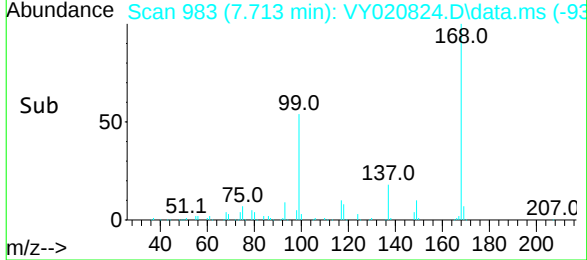
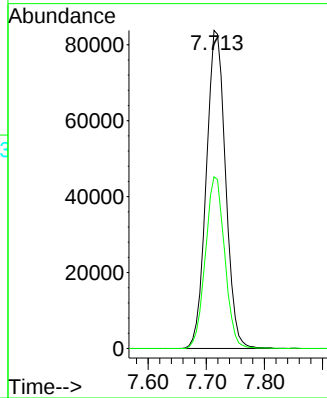
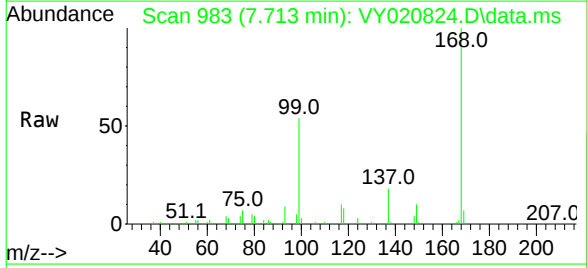
Quant Time: Jan 15 03:31:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
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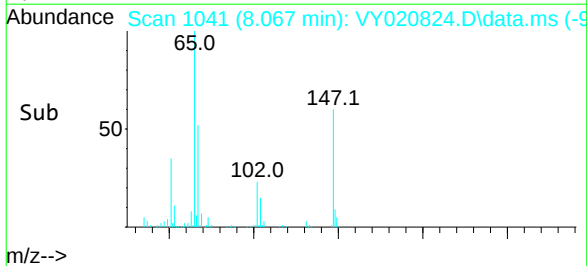
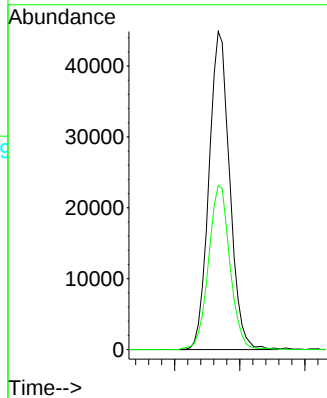
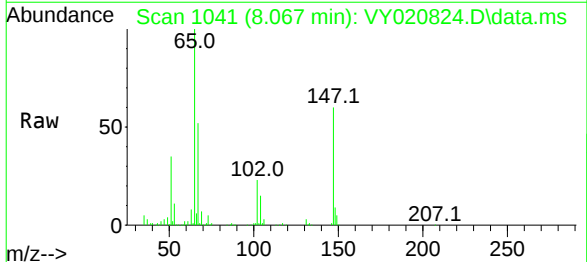
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

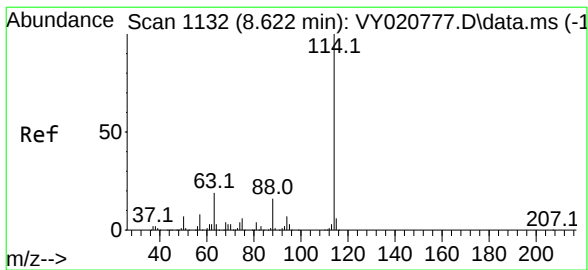
Tgt Ion: 168 Resp: 192733
Ion Ratio Lower Upper
168 100
99 54.0 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 60.562 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

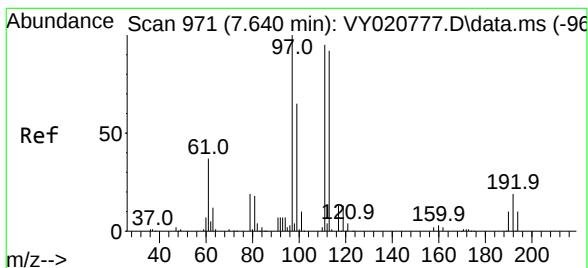
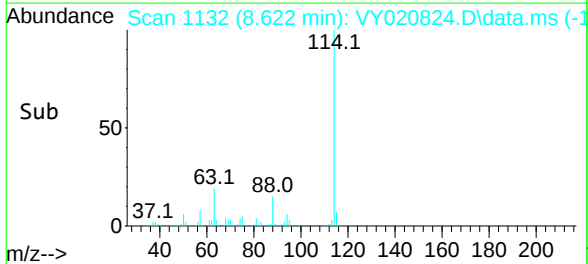
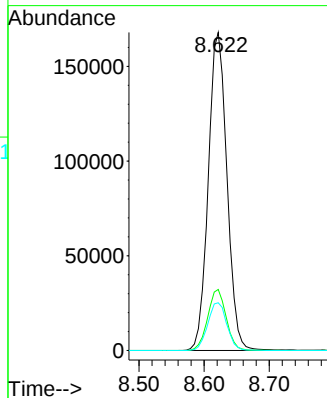
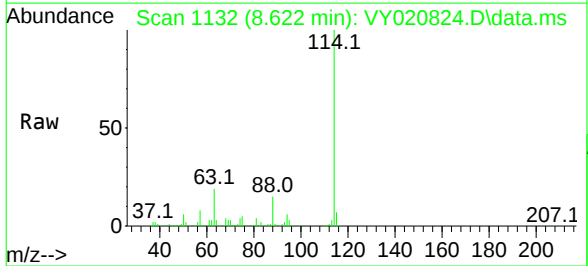
Tgt Ion: 65 Resp: 99210
Ion Ratio Lower Upper
65 100
67 53.3 0.0 102.8





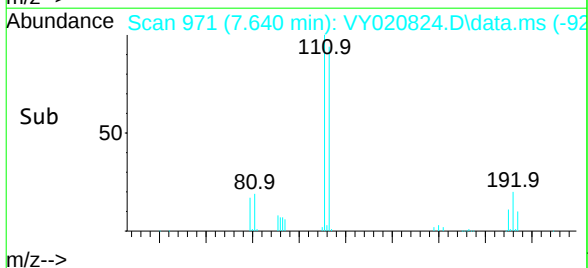
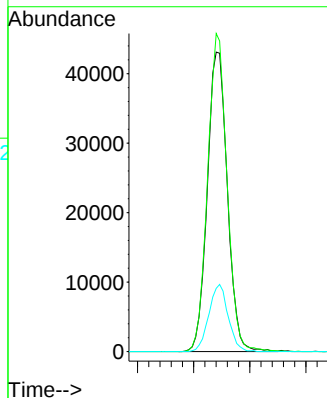
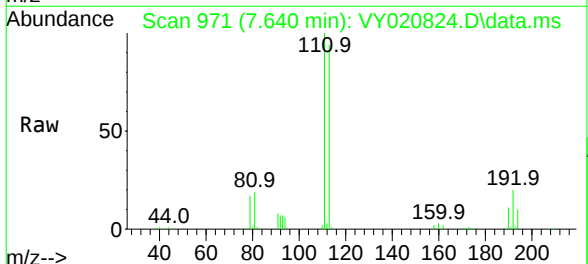
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

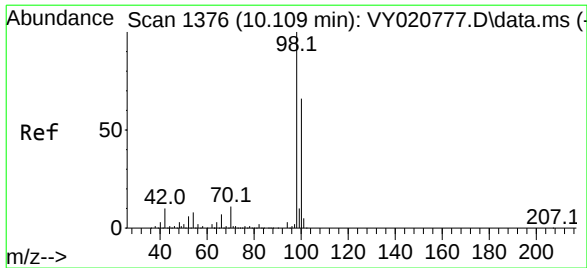
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.4
88	15.0	0.0	31.2



#35
Dibromofluoromethane
Concen: 51.256 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

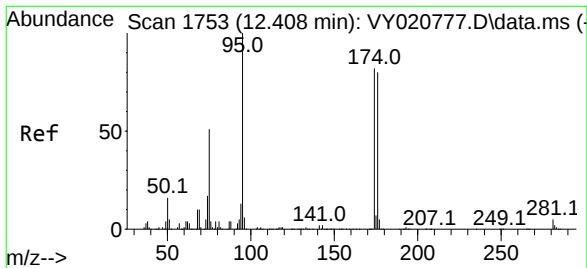
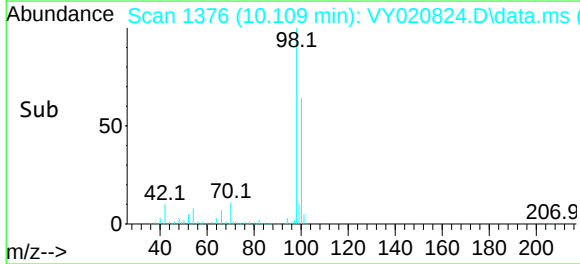
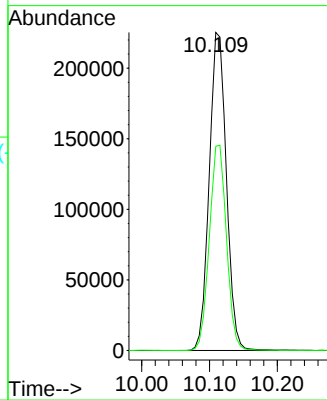
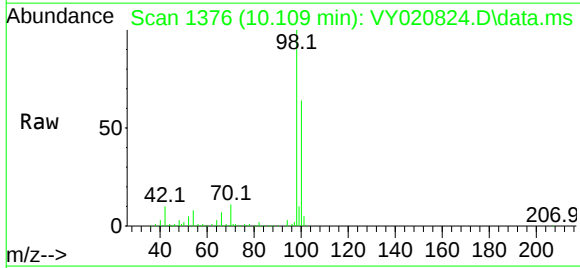
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.7	122.5
192	21.5	16.7	25.1





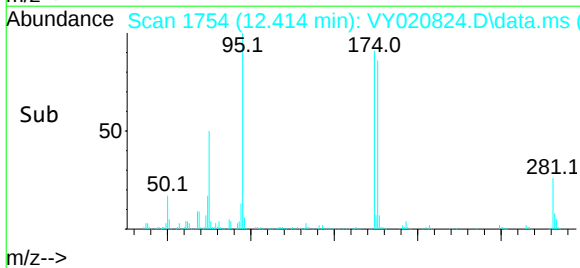
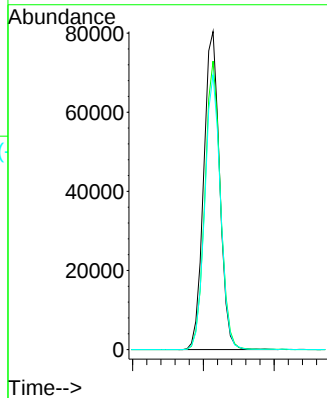
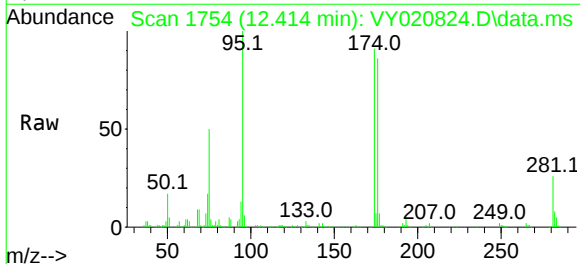
#50
Toluene-d8
Concen: 54.180 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

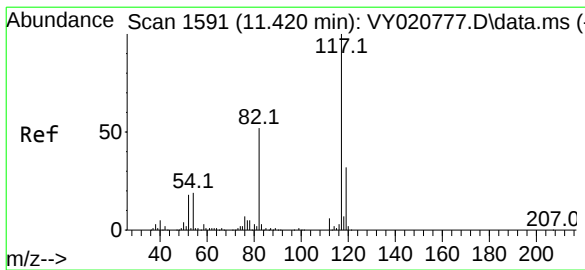
Tgt Ion: 98 Resp: 395394
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.588 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

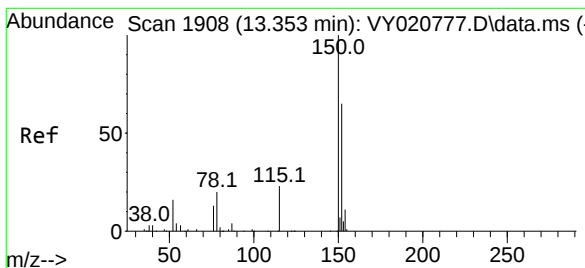
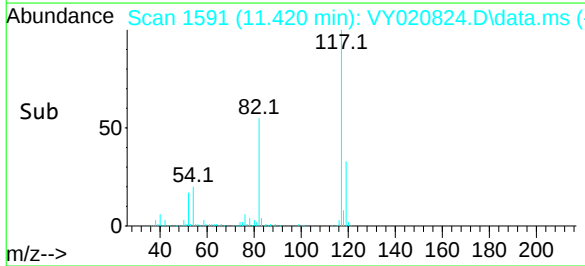
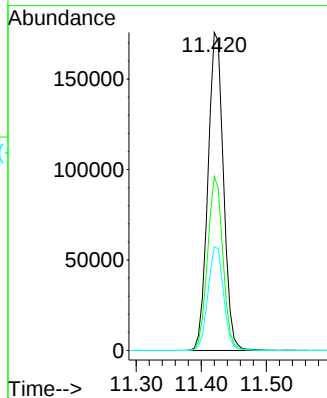
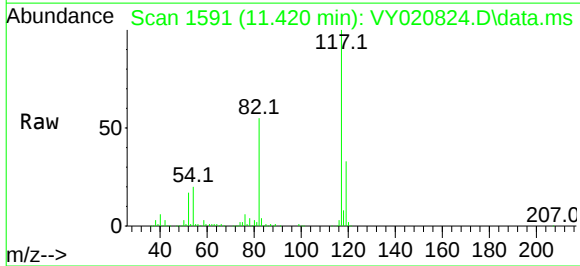
Tgt Ion: 95 Resp: 125552
Ion Ratio Lower Upper
95 100
174 88.4 0.0 178.0
176 85.0 0.0 172.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.8	41.8	62.6
119	32.6	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	29.0	87.0
150	155.6	0.0	347.4

