

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011425\
 Data File : VY020816.D
 Acq On : 14 Jan 2025 12:10
 Operator : SY/MD
 Sample : Q1076-01
 Misc : 4.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 15 03:27:49 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

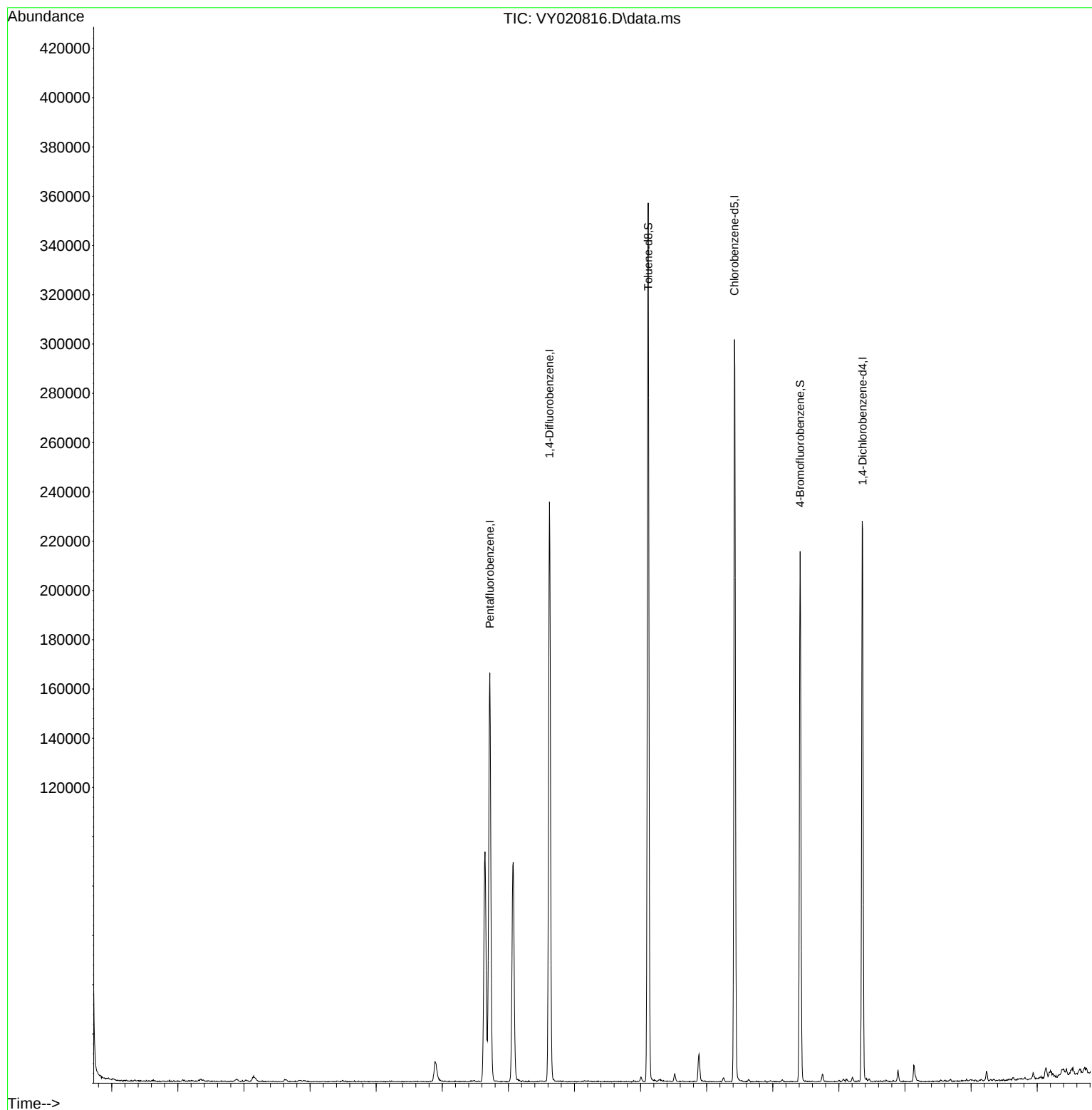
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

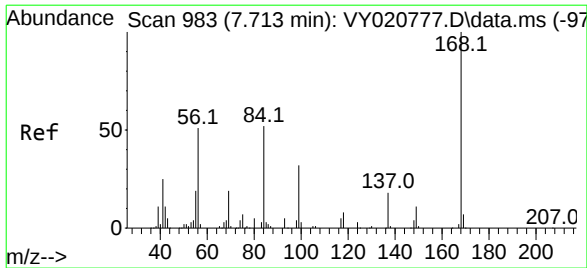
Internal Standards						
1) Pentafluorobenzene	7.719	168	131430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	209372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	171471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	62473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	74163	66.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.780%
35) Dibromofluoromethane	7.646	113	67595	51.532	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.060%
50) Toluene-d8	10.115	98	237028	51.837	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.680%
62) 4-Bromofluorobenzene	12.414	95	66715	39.509	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	79.020%
Target Compounds						
51) 4-Methyl-2-Pentanone	10.006	43	1257	1.858	ug/l	Qvalue 98

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

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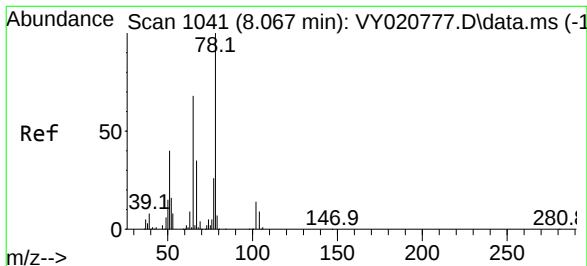
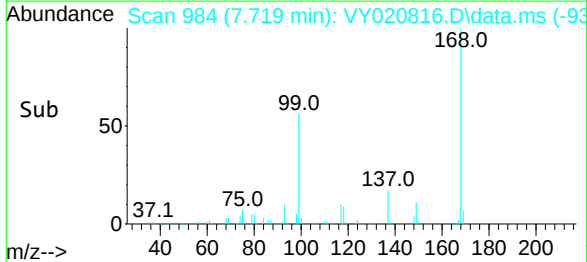
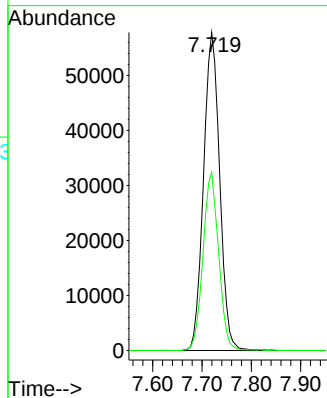
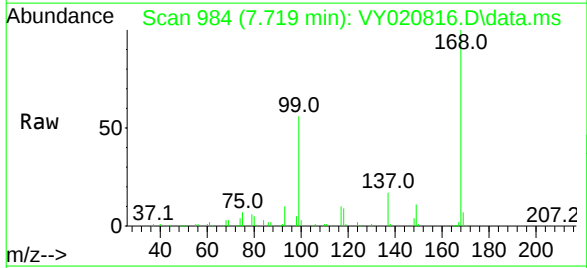
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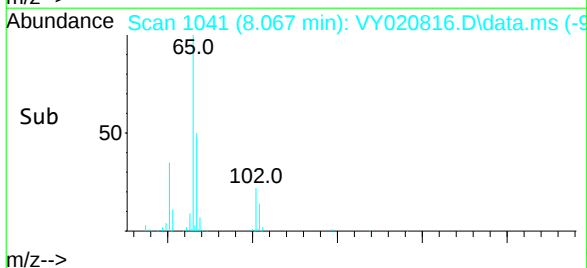
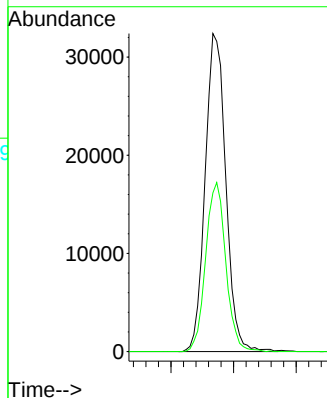
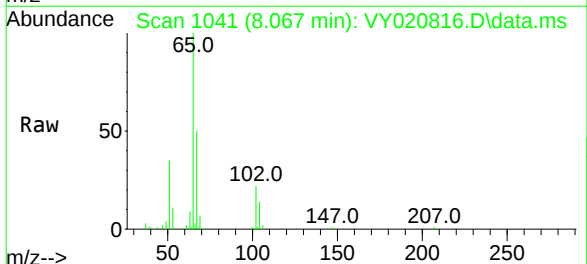
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

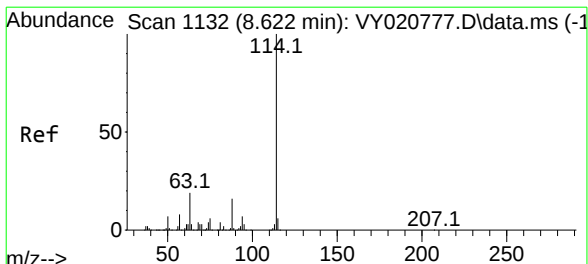
Tgt Ion: 168 Resp: 131430
Ion Ratio Lower Upper
168 100
99 56.1 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 66.388 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

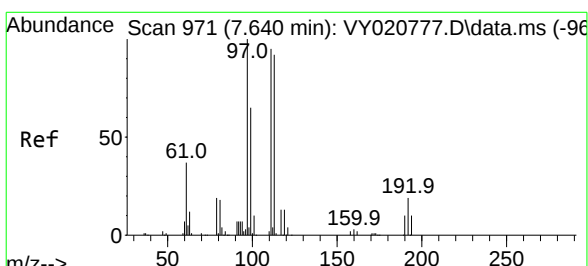
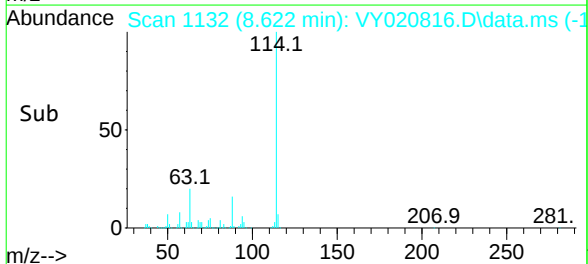
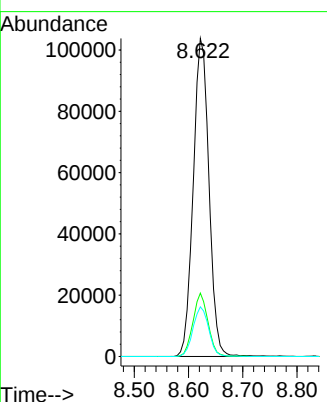
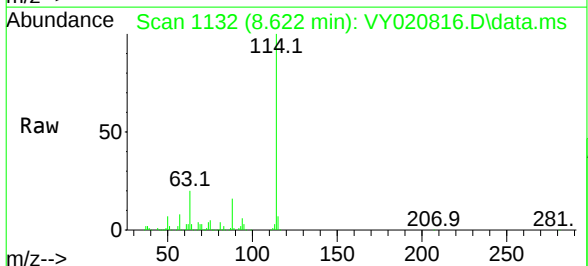
Tgt Ion: 65 Resp: 74163
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.8





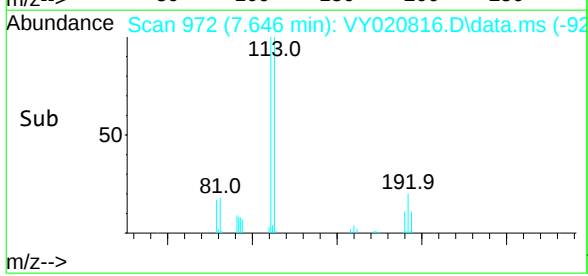
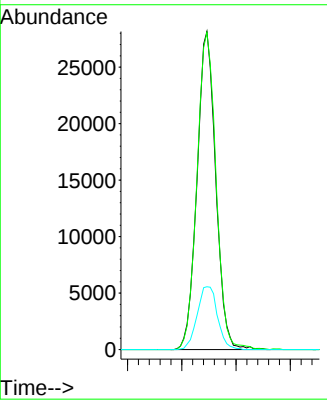
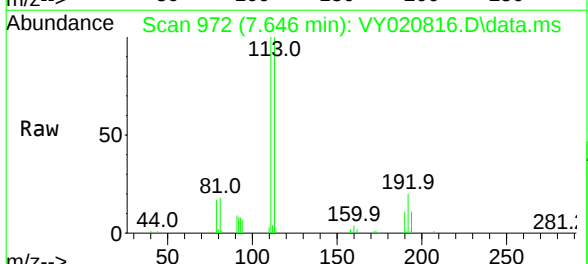
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

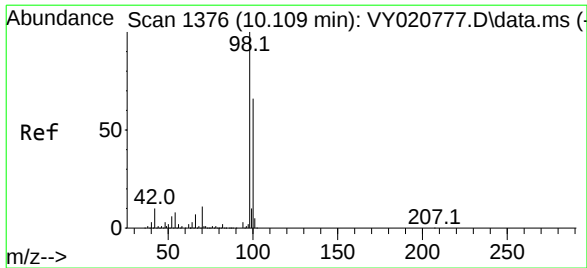
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.4
88	15.6	0.0	31.2



#35
Dibromofluoromethane
Concen: 51.532 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

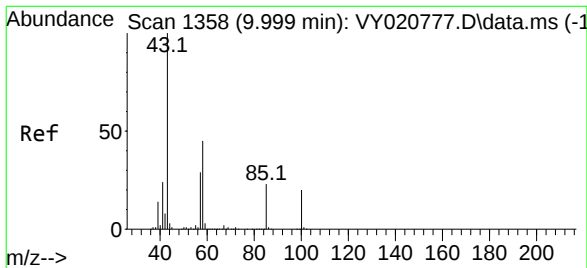
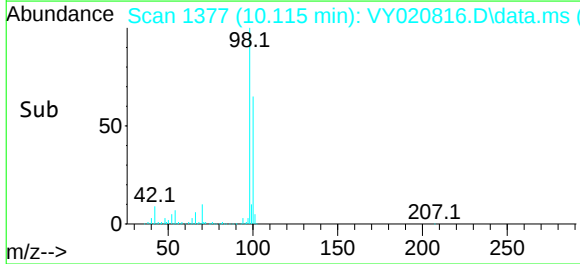
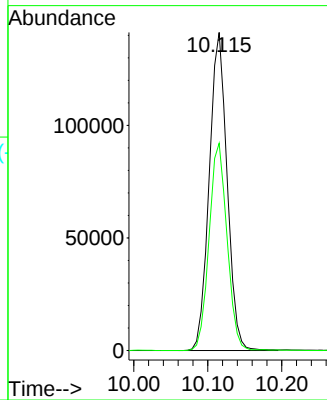
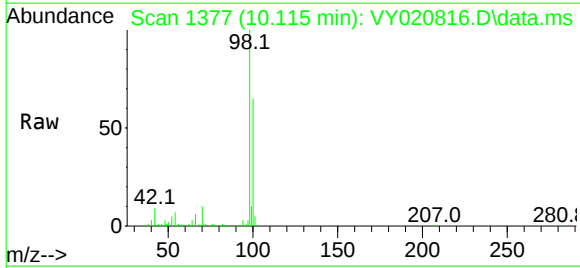
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.7	122.5
192	21.4	16.7	25.1





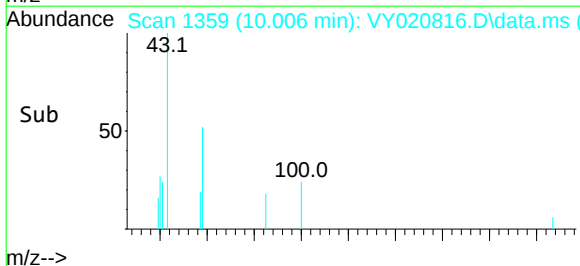
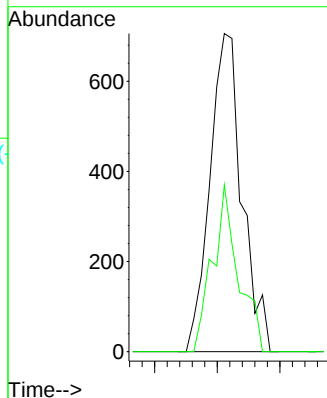
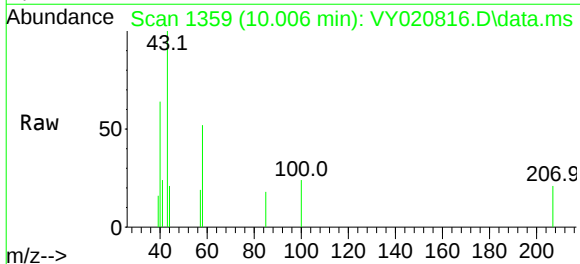
#50
Toluene-d8
Concen: 51.837 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

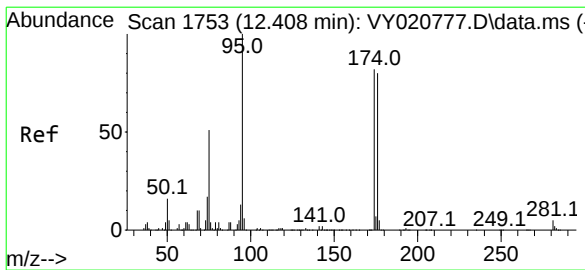
Tgt Ion: 98 Resp: 237028
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.858 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

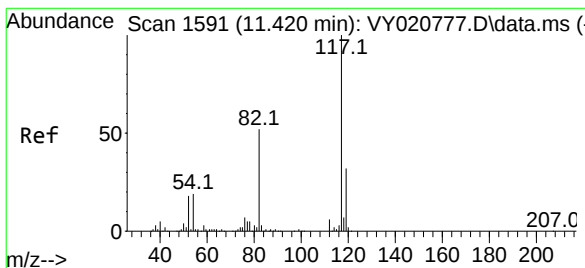
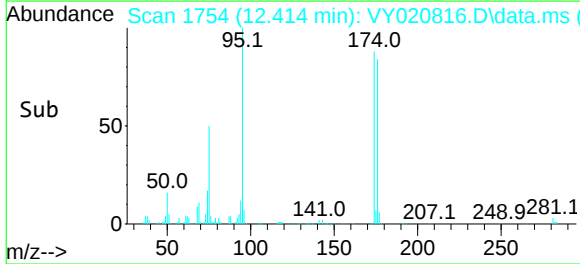
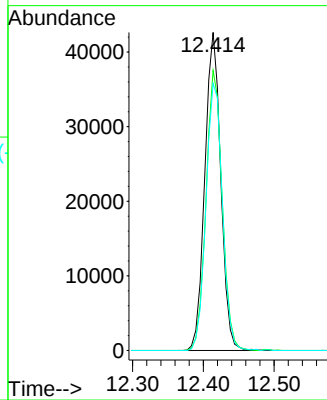
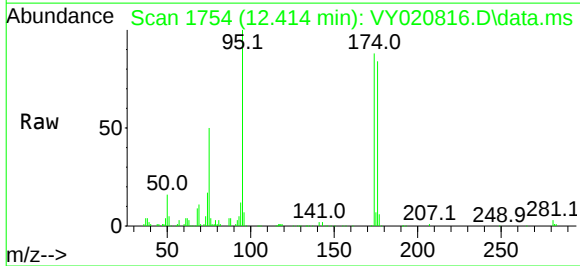
Tgt Ion: 43 Resp: 1257
Ion Ratio Lower Upper
43 100
58 42.2 34.8 52.2





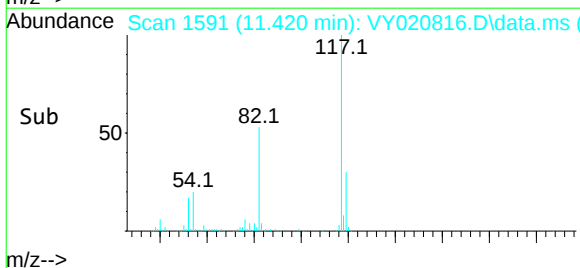
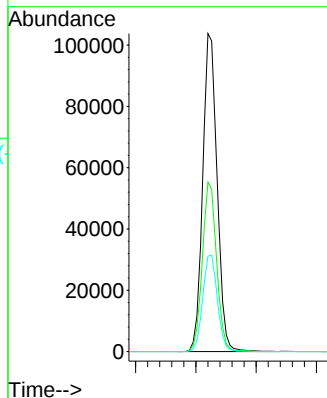
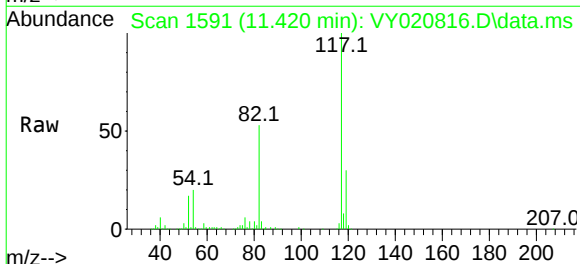
#62
4-Bromofluorobenzene
Concen: 39.509 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

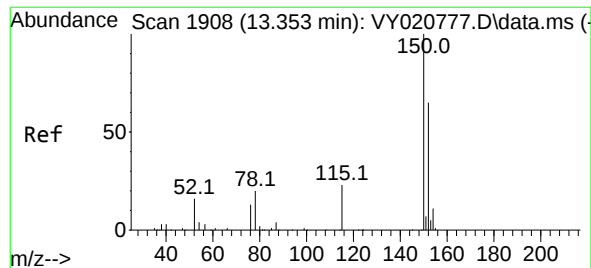
Tgt Ion:	95	Resp:	66715
Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	178.0
176	86.8	0.0	172.0



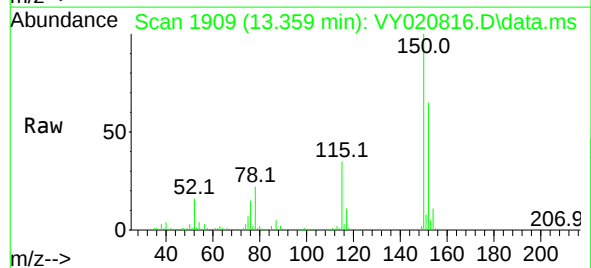
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

Tgt Ion:	117	Resp:	171471
Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.8	62.6
119	30.0	25.8	38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.359 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY020816.D
 Acq: 14 Jan 2025 12:10



Tgt	Ion:152	Resp:	62473
Ion	Ratio	Lower	Upper
152	100		
115	57.1	29.0	87.0
150	157.7	0.0	347.4

