

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020839.D
 Acq On : 15 Jan 2025 18:00
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 16 01:01:34 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)

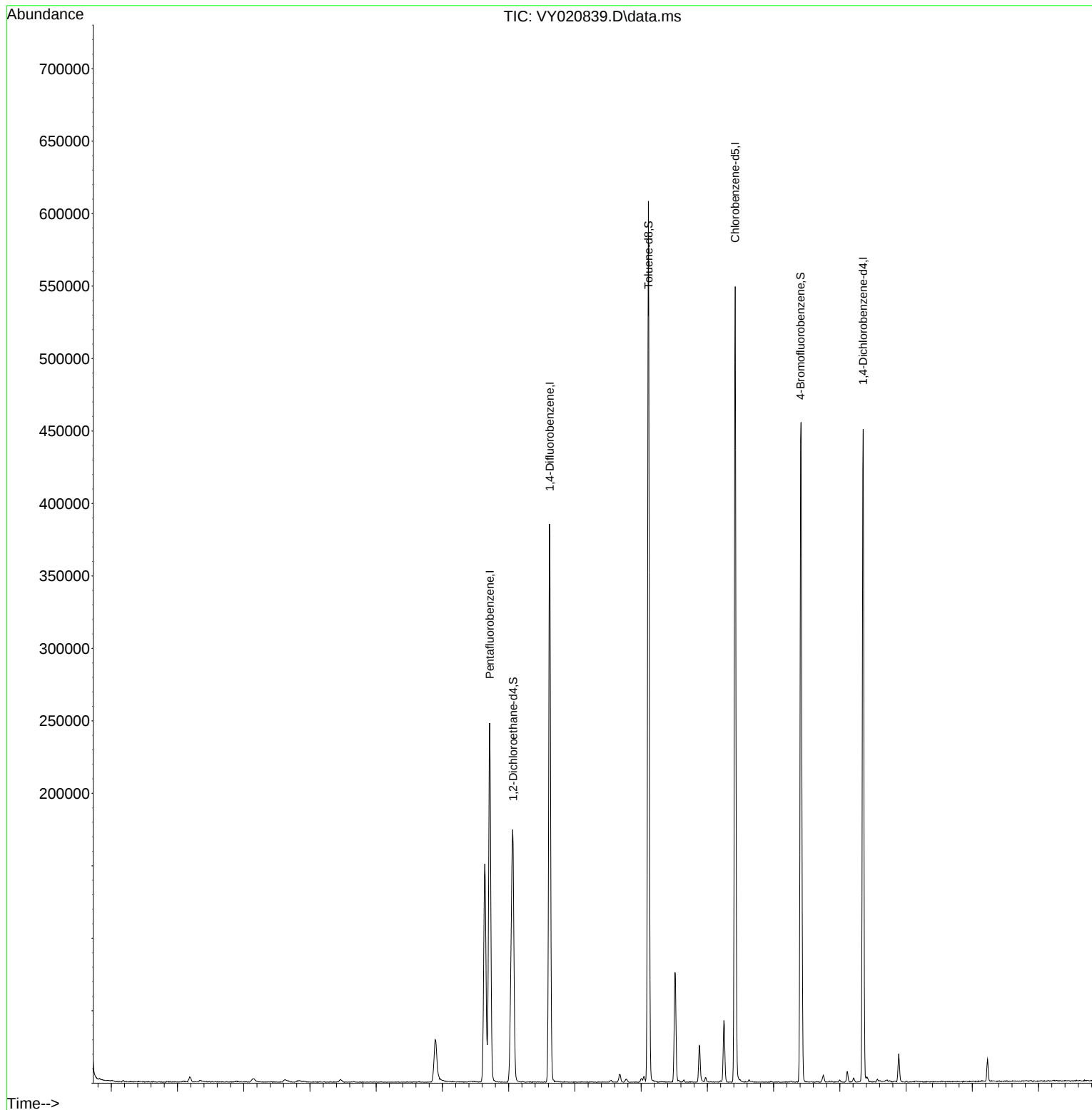
Internal Standards						
1) Pentafluorobenzene	7.713	168	201113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	345709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	305033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	124094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	101369	59.301	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.600%			
35) Dibromofluoromethane	7.640	113	109536	50.574	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.140%			
50) Toluene-d8	10.109	98	401629	53.195	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.380%			
62) 4-Bromofluorobenzene	12.407	95	127229	45.632	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 91.260%			
Target Compounds						
16) Acetone	3.885	43	980	4.032	ug/l	Qvalue # 54

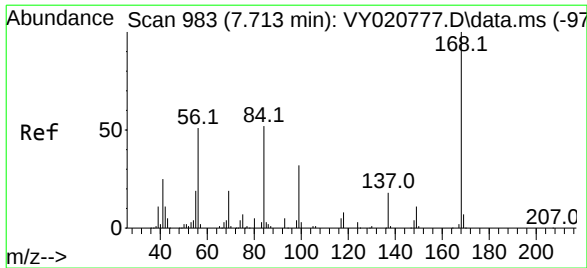
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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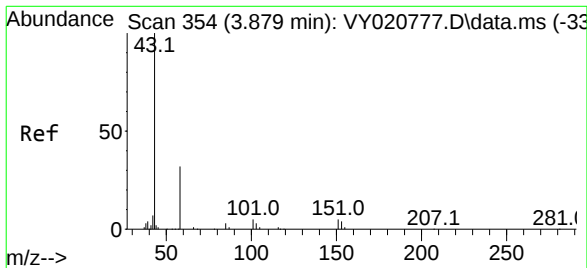
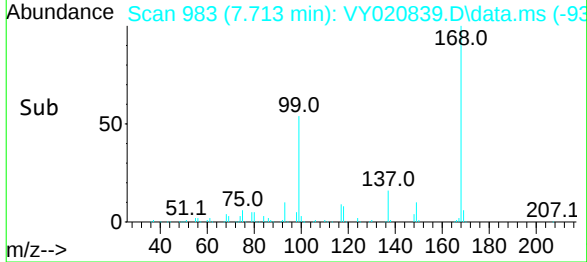
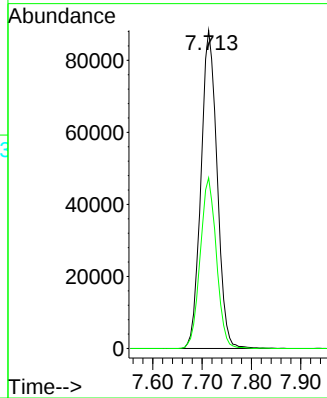
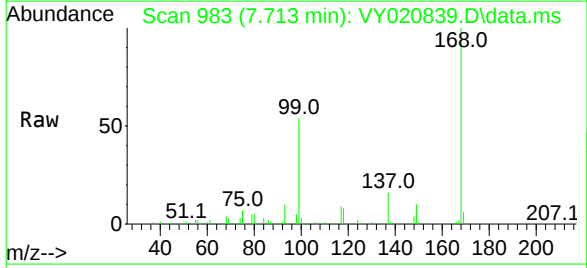




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020839.D
Acq: 15 Jan 2025 18:00

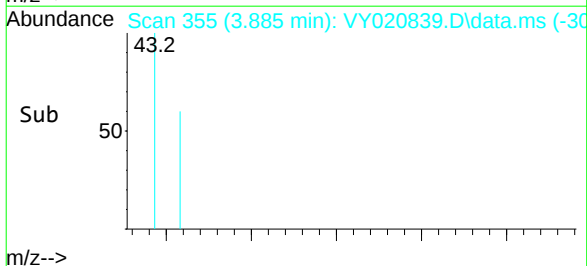
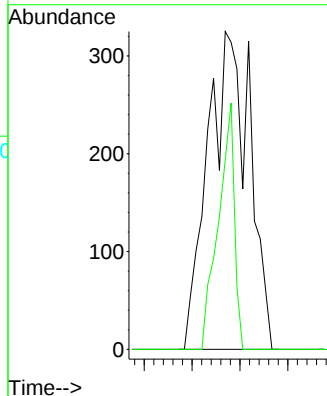
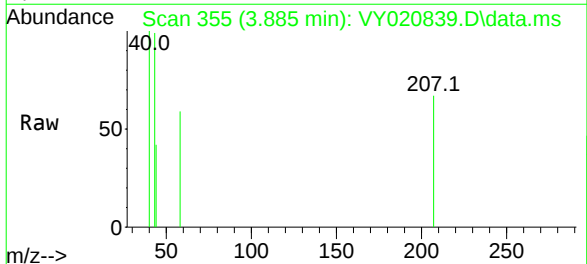
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

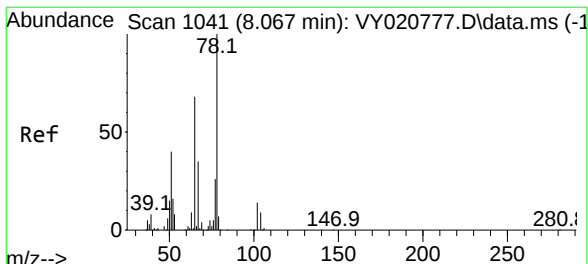
Tgt Ion:168 Resp: 201113
Ion Ratio Lower Upper
168 100
99 53.6 44.3 66.5



#16
Acetone
Concen: 4.032 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY020839.D
Acq: 15 Jan 2025 18:00

Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 59.7 26.7 40.1#



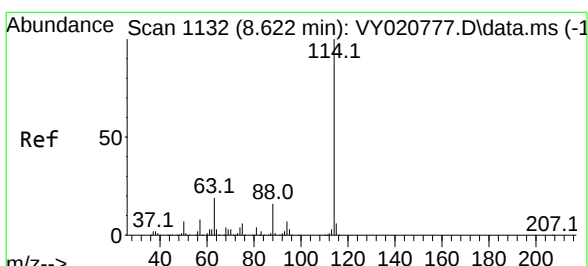
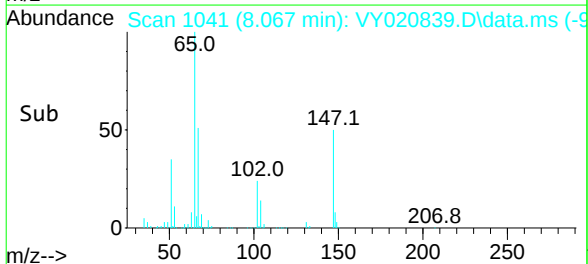
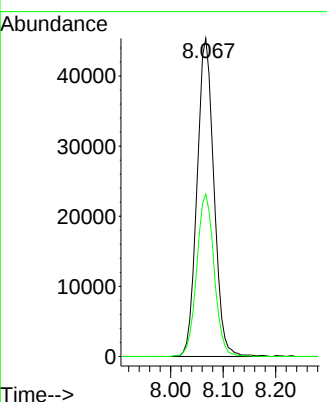
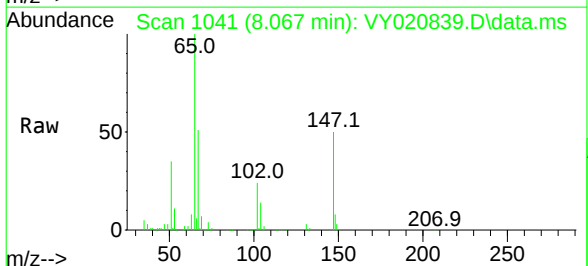


#33
 1,2-Dichloroethane-d4
 Concen: 59.301 ug/l
 RT: 8.067 min Scan# 1041
 Delta R.T. -0.000 min
 Lab File: VY020839.D
 Acq: 15 Jan 2025 18:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion: 65 Resp: 101369

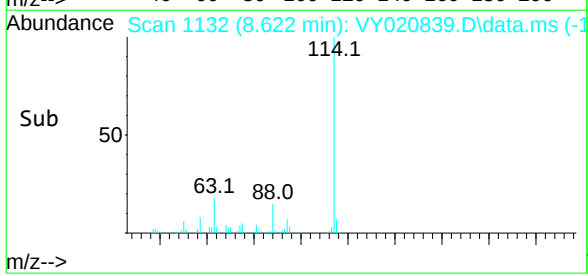
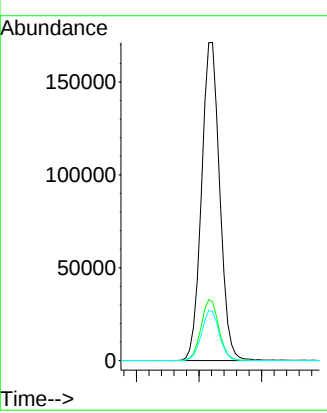
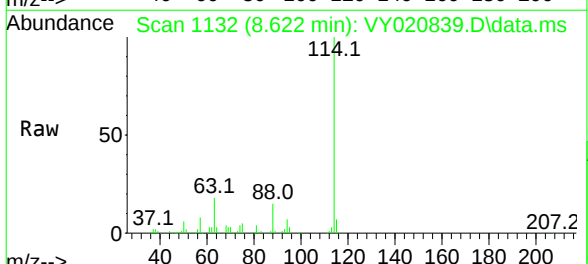
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	102.8

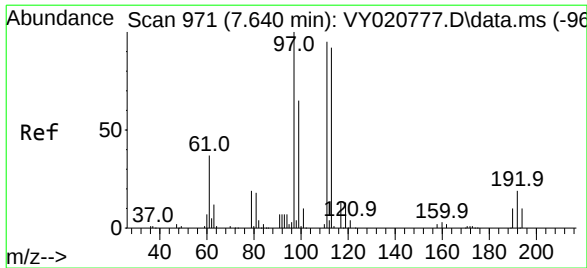


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VY020839.D
 Acq: 15 Jan 2025 18:00

Tgt Ion: 114 Resp: 345709

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	38.4
88	15.4	0.0	31.2

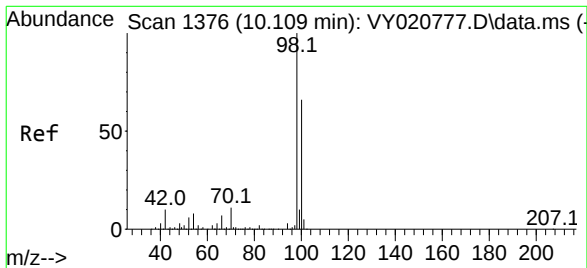
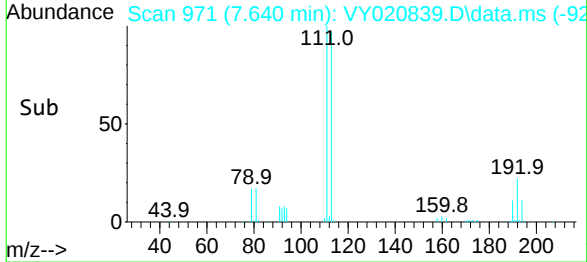
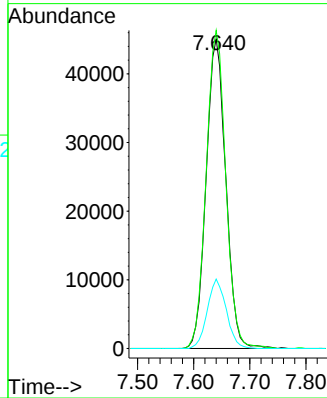
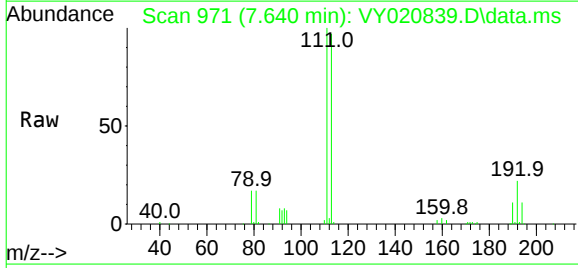




#35
Dibromofluoromethane
Concen: 50.574 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY020839.D
Acq: 15 Jan 2025 18:00

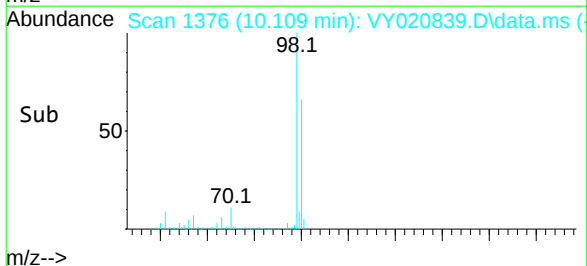
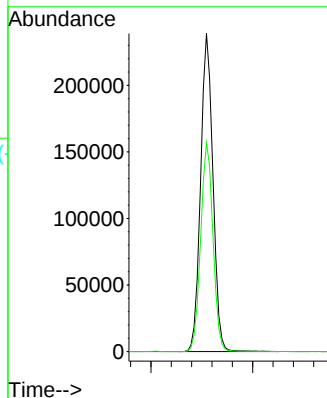
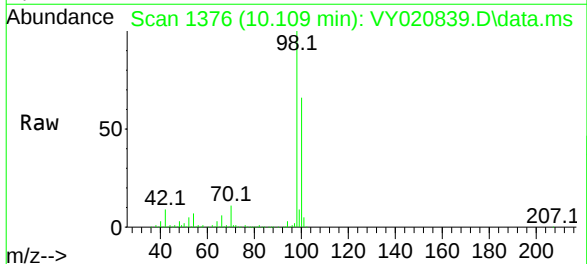
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

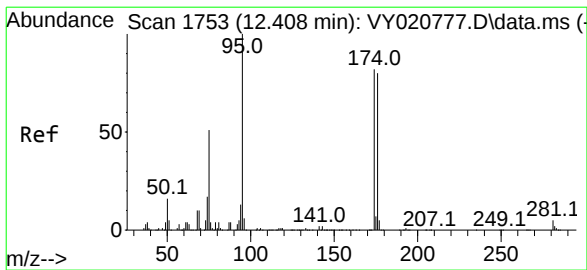
Tgt Ion:113 Resp: 109536
Ion Ratio Lower Upper
113 100
111 102.6 81.7 122.5
192 21.7 16.7 25.1



#50
Toluene-d8
Concen: 53.195 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020839.D
Acq: 15 Jan 2025 18:00

Tgt Ion: 98 Resp: 401629
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

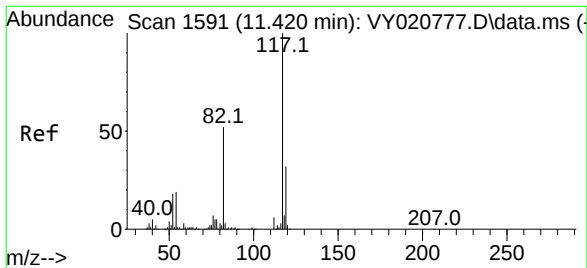
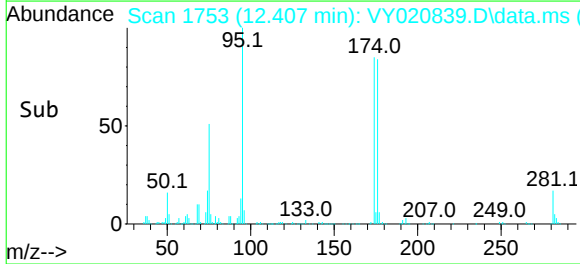
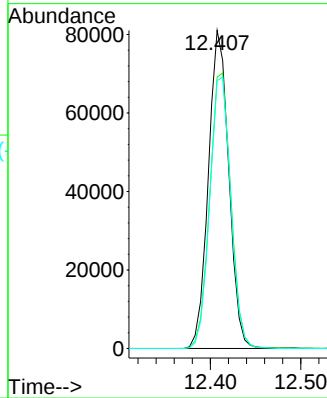
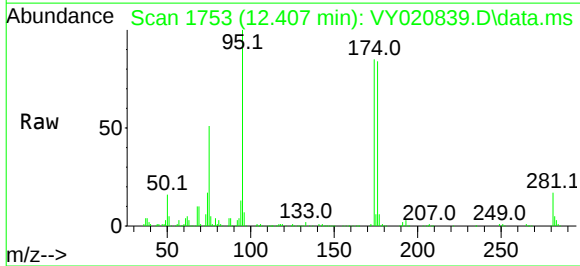




#62
4-Bromofluorobenzene
Concen: 45.632 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY020839.D
Acq: 15 Jan 2025 18:00

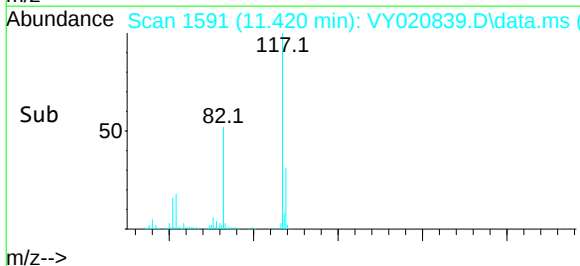
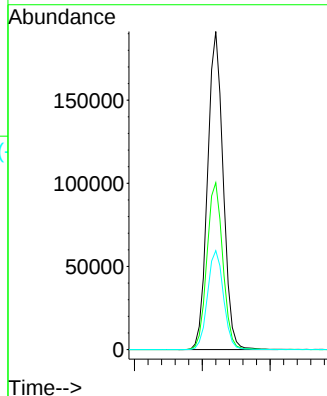
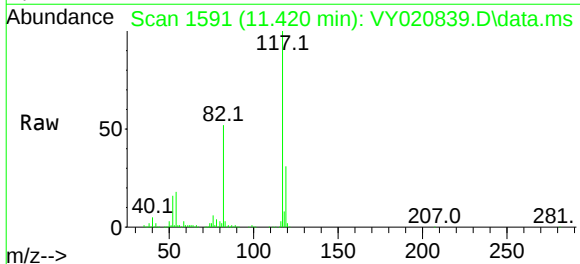
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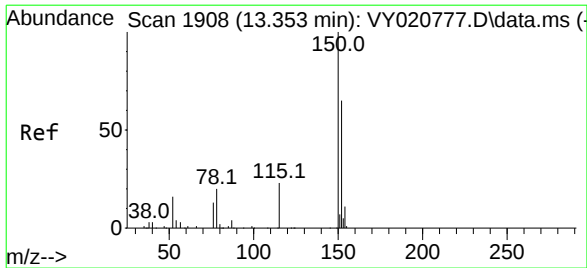
Tgt Ion:	95	Resp:	127229
Ion Ratio	Lower	Upper	
95	100		
174	89.8	0.0	178.0
176	87.5	0.0	172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY020839.D
Acq: 15 Jan 2025 18:00

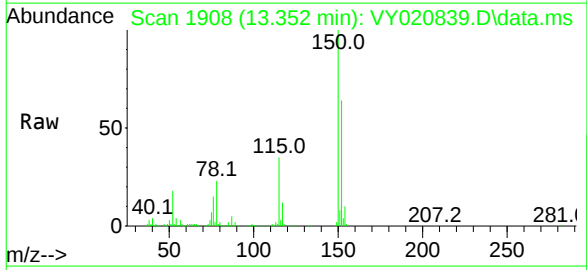
Tgt Ion:	117	Resp:	305033
Ion Ratio	Lower	Upper	
117	100		
82	52.5	41.8	62.6
119	31.1	25.8	38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VY020839.D
 Acq: 15 Jan 2025 18:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK



Tgt Ion:	152	Resp:	124094
Ion	Ratio	Lower	Upper
152	100		
115	56.7	29.0	87.0
150	157.9	0.0	347.4

