

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020834.D
 Acq On : 15 Jan 2025 16:03
 Operator : SY/MD
 Sample : Q1093-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-3407

Quant Time: Jan 16 00:59:30 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)

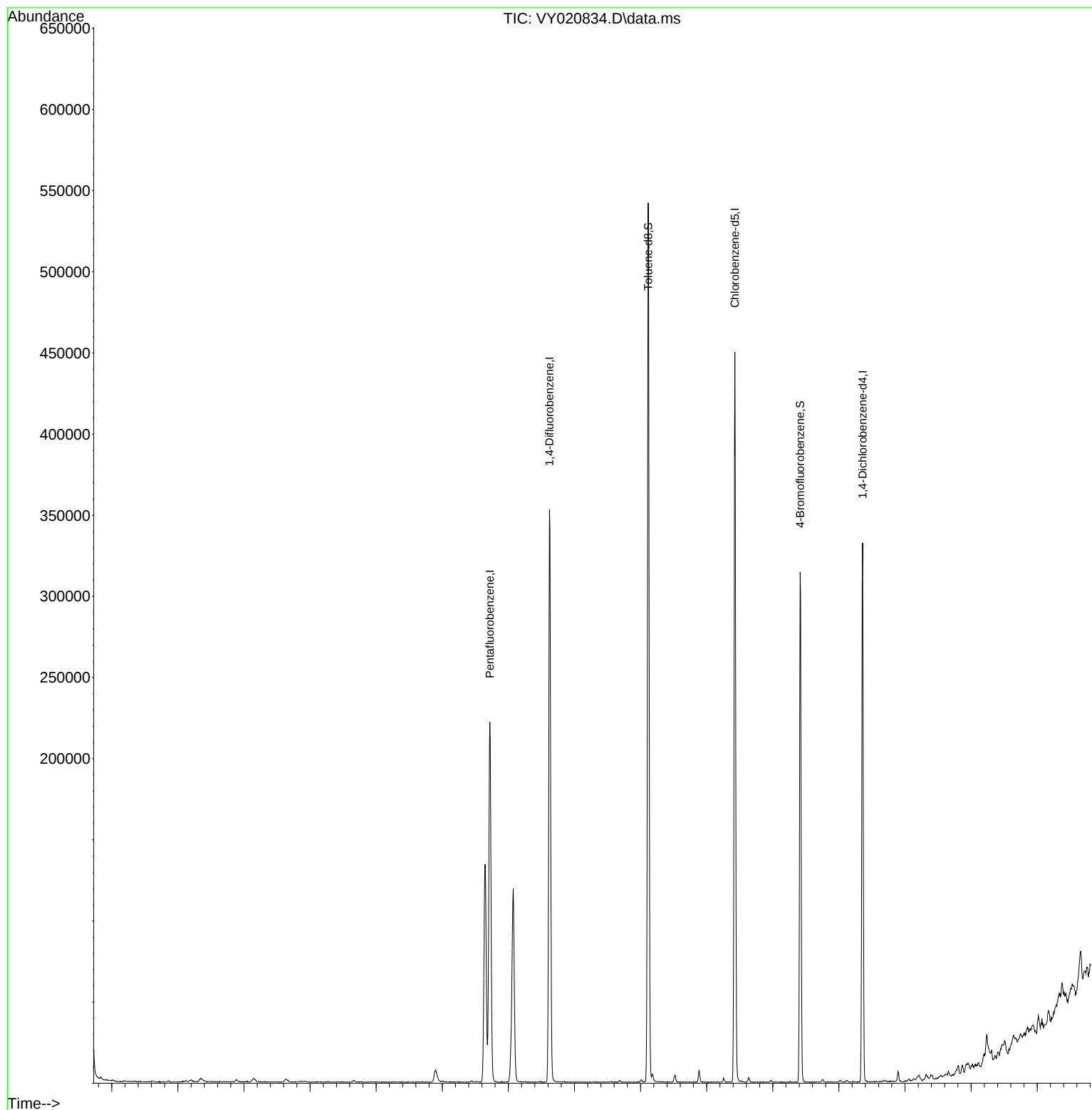
Internal Standards						
1) Pentafluorobenzene	7.719	168	182604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	313437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	253527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	88258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	87348	56.278	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.560%
35) Dibromofluoromethane	7.646	113	98146	49.981	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.960%
50) Toluene-d8	10.115	98	356243	52.042	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.080%
62) 4-Bromofluorobenzene	12.414	95	98677	39.036	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	78.080%
Target Compounds						
16) Acetone	3.891	43	2383	10.797	ug/l	Qvalue # 73

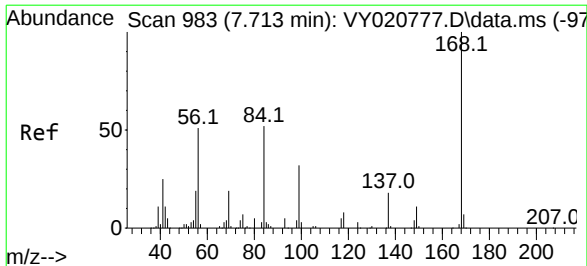
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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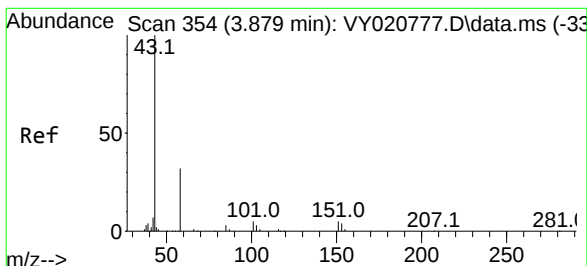
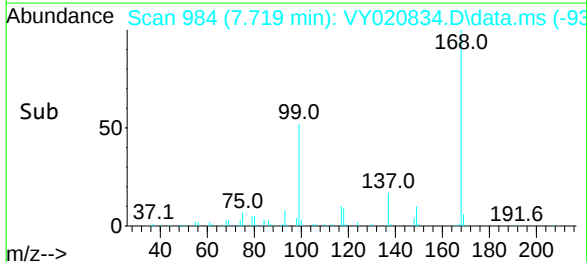
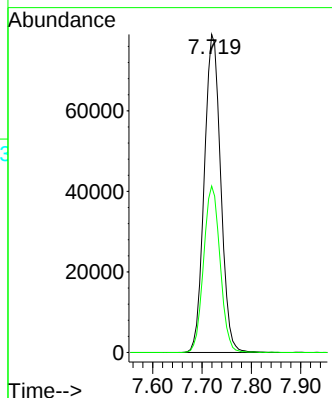
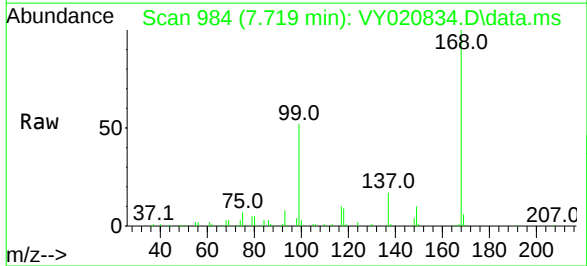




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020834.D
Acq: 15 Jan 2025 16:03

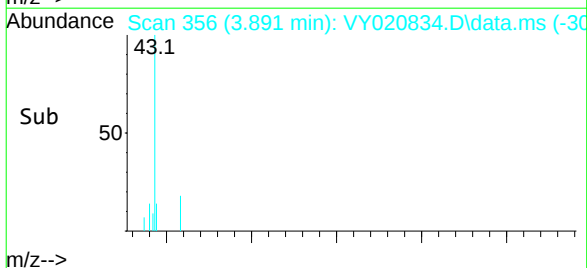
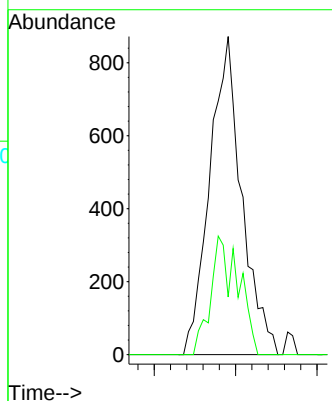
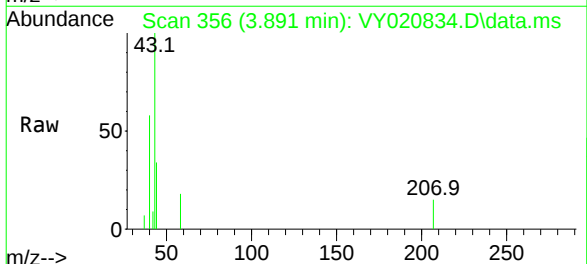
Instrument :
MSVOA_Y
ClientSampleId :
RT-3407

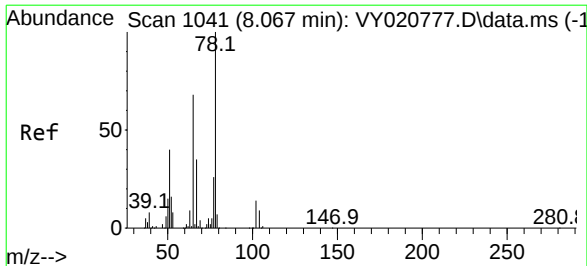
Tgt Ion:168 Resp: 182604
Ion Ratio Lower Upper
168 100
99 52.3 44.3 66.5



#16
Acetone
Concen: 10.797 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY020834.D
Acq: 15 Jan 2025 16:03

Tgt Ion: 43 Resp: 2383
Ion Ratio Lower Upper
43 100
58 18.1 26.7 40.1#

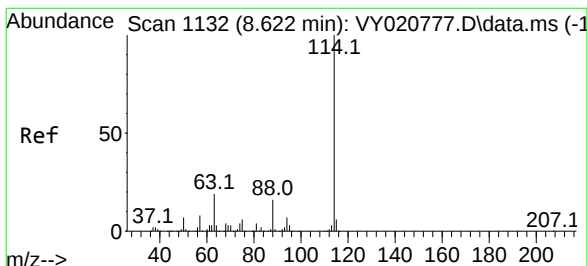
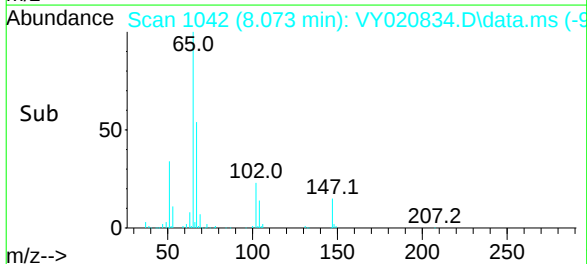
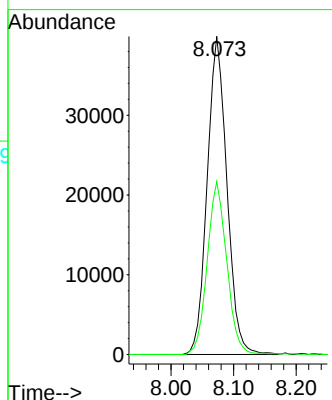
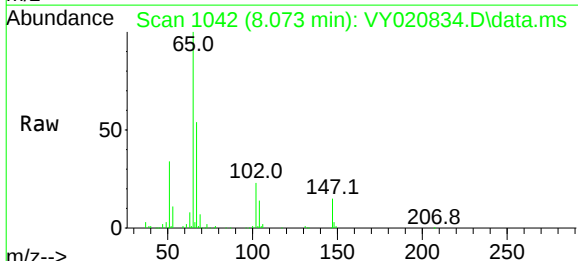




#33
1,2-Dichloroethane-d4
Concen: 56.278 ug/l
RT: 8.073 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020834.D
Acq: 15 Jan 2025 16:03

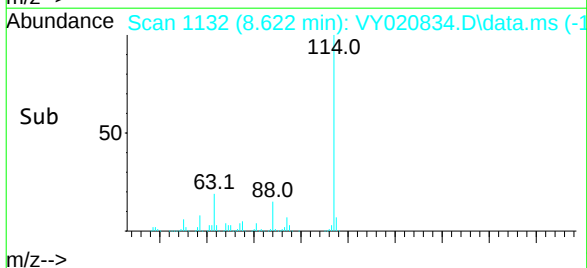
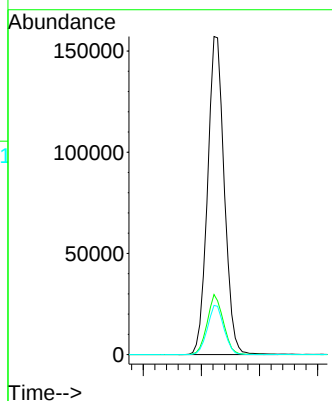
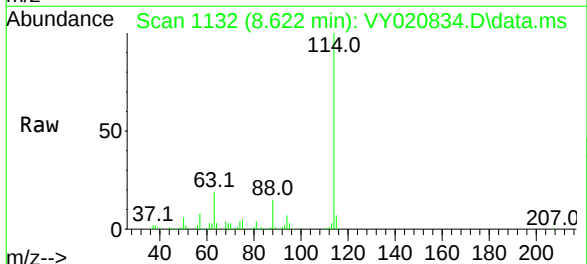
Instrument :
MSVOA_Y
ClientSampleId :
RT-3407

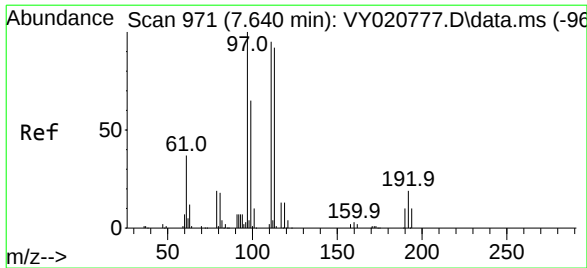
Tgt Ion: 65 Resp: 87348
Ion Ratio Lower Upper
65 100
67 54.0 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY020834.D
Acq: 15 Jan 2025 16:03

Tgt Ion: 114 Resp: 313437
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.4
88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.981 ug/l

RT: 7.646 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020834.D

Acq: 15 Jan 2025 16:03

Instrument :

MSVOA_Y

ClientSampleId :

RT-3407

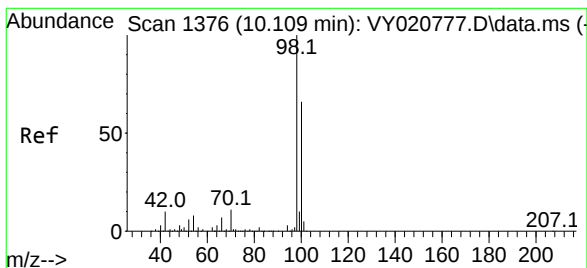
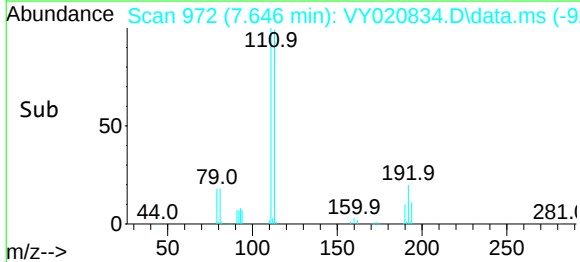
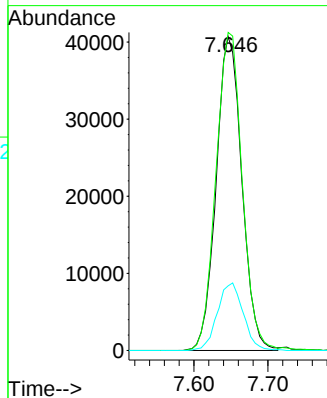
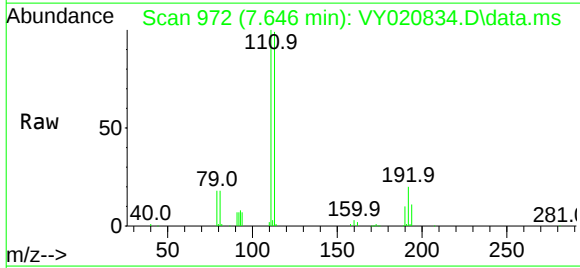
Tgt Ion:113 Resp: 98146

Ion Ratio Lower Upper

113 100

111 103.8 81.7 122.5

192 21.7 16.7 25.1



#50

Toluene-d8

Concen: 52.042 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020834.D

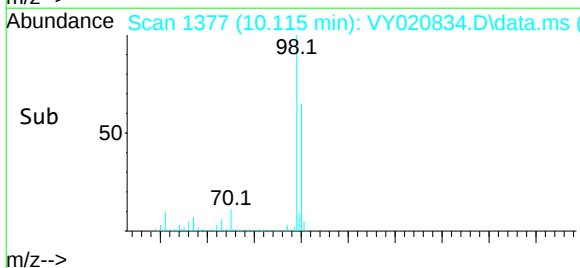
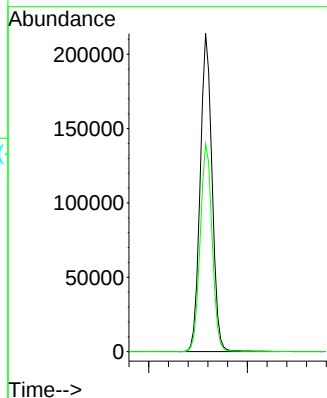
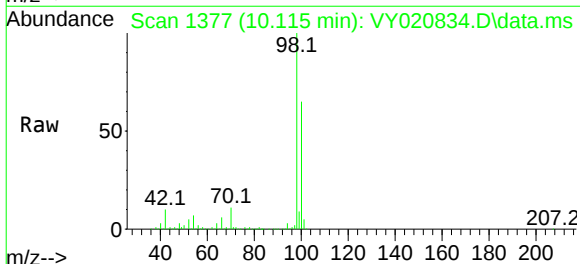
Acq: 15 Jan 2025 16:03

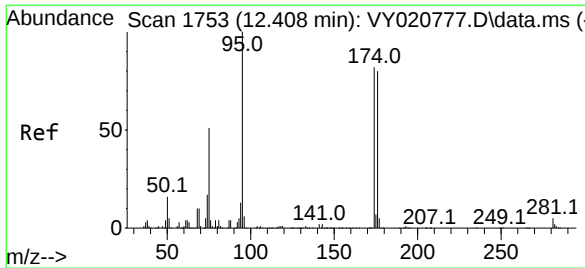
Tgt Ion: 98 Resp: 356243

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7

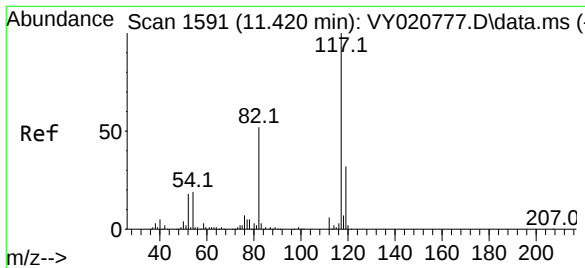
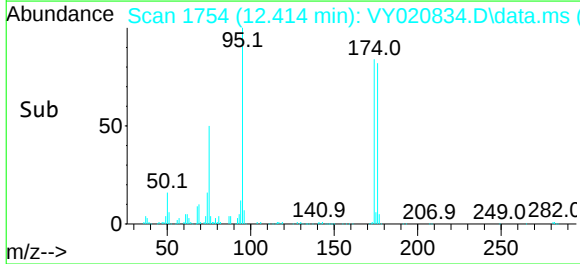
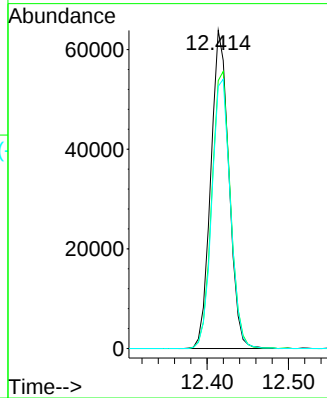
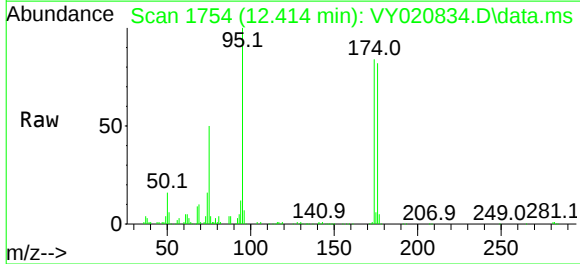




#62
4-Bromofluorobenzene
Concen: 39.036 ug/l
RT: 12.414 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020834.D
Acq: 15 Jan 2025 16:03

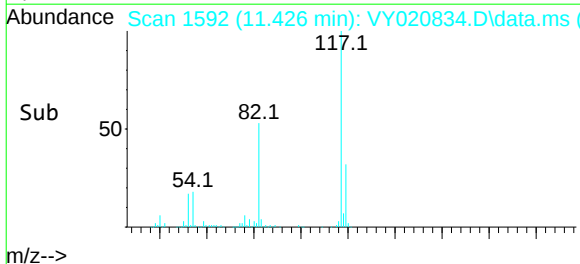
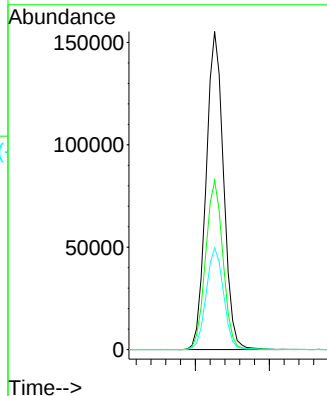
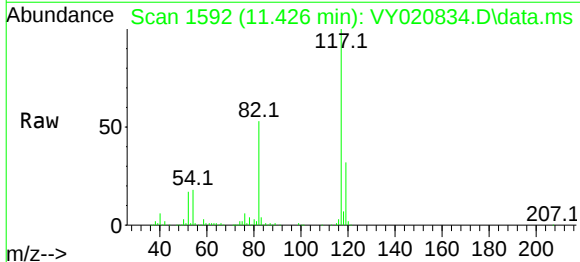
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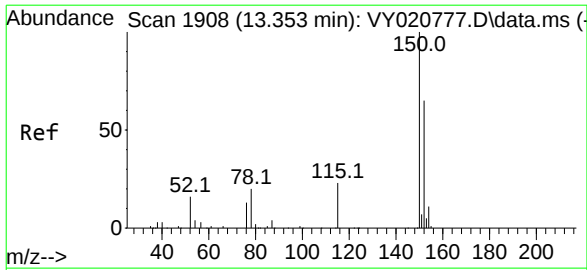
Tgt Ion: 95 Resp: 98677
Ion Ratio Lower Upper
95 100
174 89.3 0.0 178.0
176 86.7 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY020834.D
Acq: 15 Jan 2025 16:03

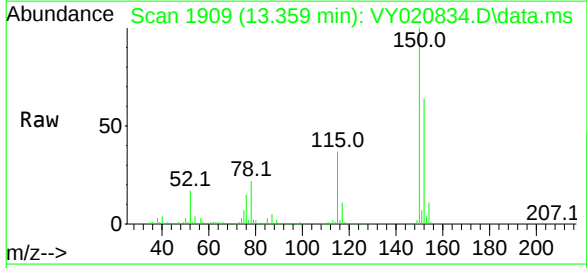
Tgt Ion: 117 Resp: 253527
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.6
119 32.0 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.359 min Scan# 19
 Delta R.T. 0.006 min
 Lab File: VY020834.D
 Acq: 15 Jan 2025 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-3407



Tgt Ion:152 Resp: 88258
 Ion Ratio Lower Upper
 152 100
 115 57.0 29.0 87.0
 150 157.9 0.0 347.4

