

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
 Data File : VY022611.D
 Acq On : 06 Jun 2025 19:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jun 06 23:48:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	311461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	575371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	478901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	185222	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	186654	53.582	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.160%
35) Dibromofluoromethane	7.628	113	172404	50.201	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.400%
50) Toluene-d8	10.103	98	705385	50.832	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.660%
62) 4-Bromofluorobenzene	12.401	95	180593	43.679	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.360%

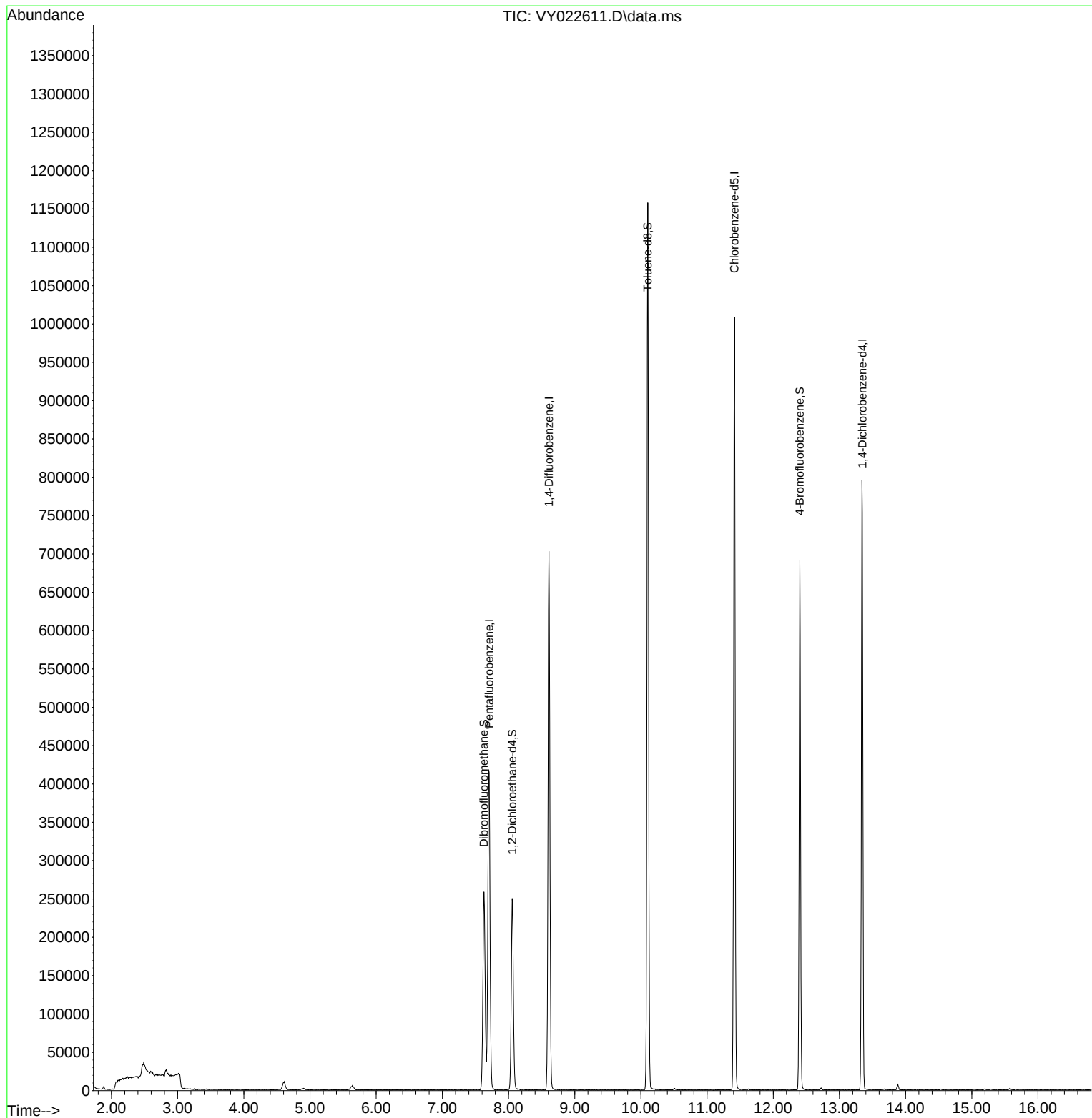
Target Compounds	Qvalue

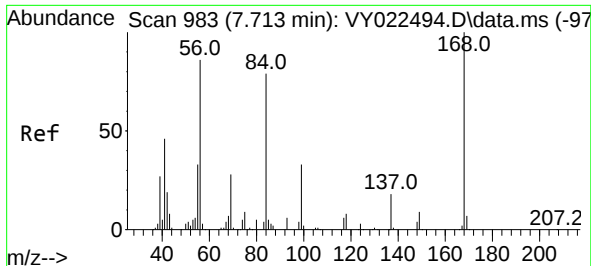
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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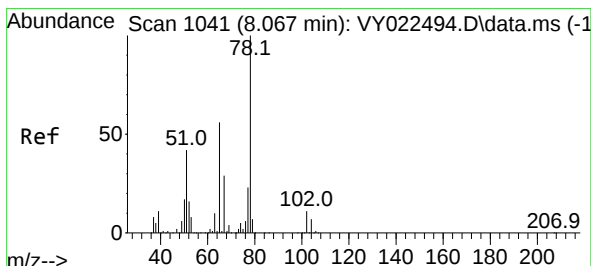
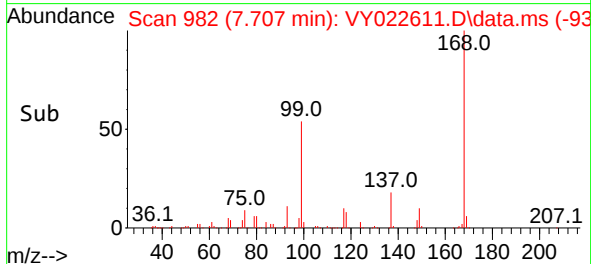
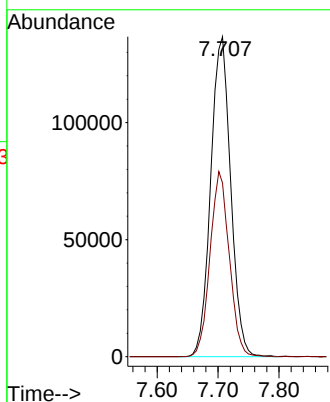
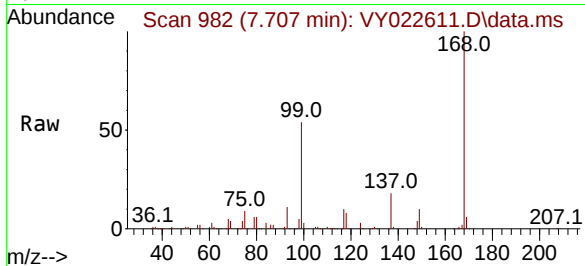




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022611.D
Acq: 06 Jun 2025 19:35

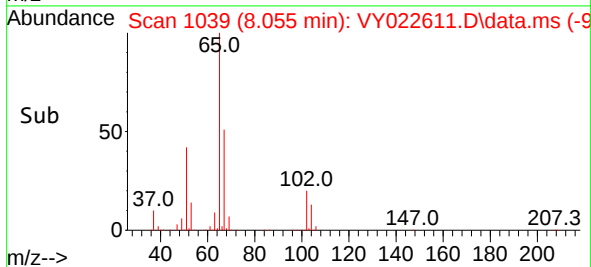
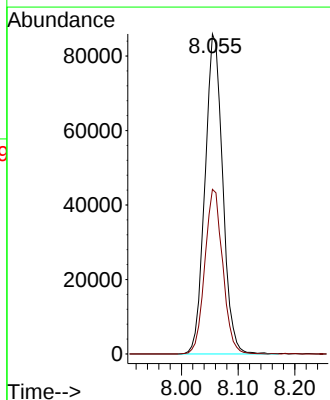
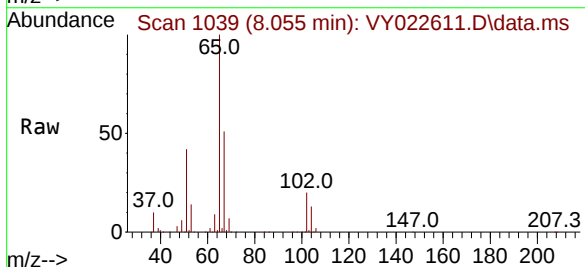
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

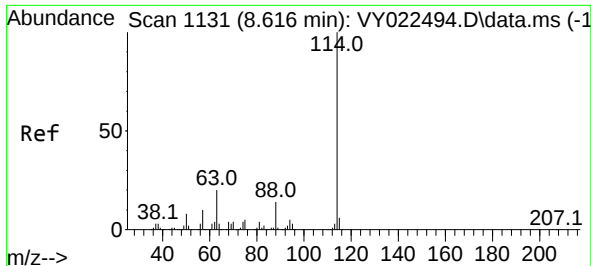
Tgt Ion:168 Resp: 311461
Ion Ratio Lower Upper
168 100
99 54.3 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 53.582 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY022611.D
Acq: 06 Jun 2025 19:35

Tgt Ion: 65 Resp: 186654
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4



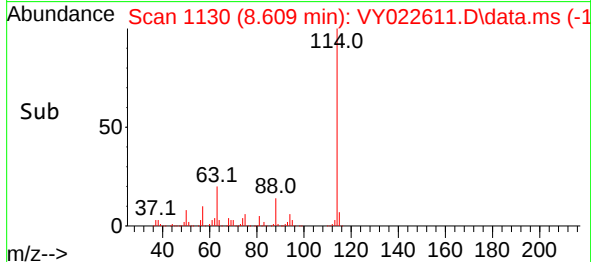
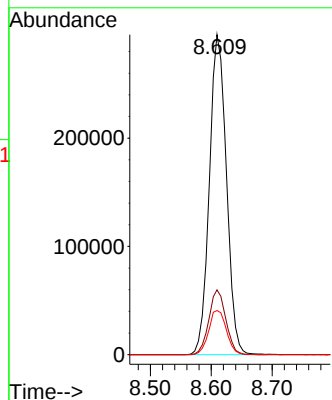
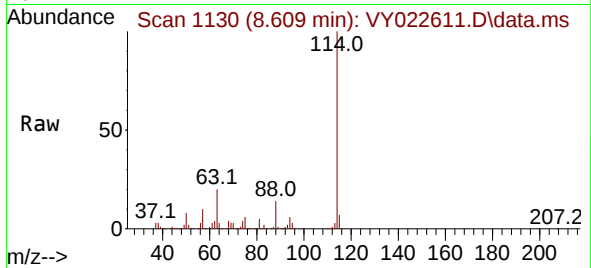


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 1131
 Delta R.T. -0.006 min
 Lab File: VY022611.D
 Acq: 06 Jun 2025 19:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion:114 Resp: 575371

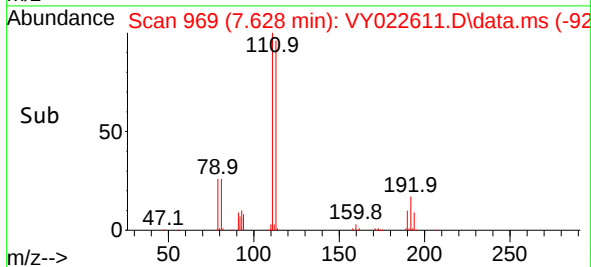
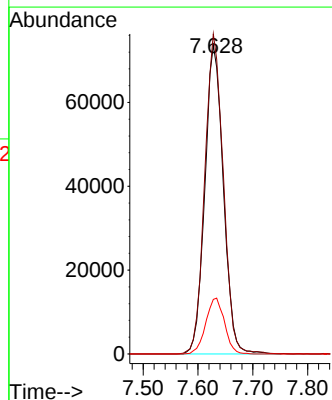
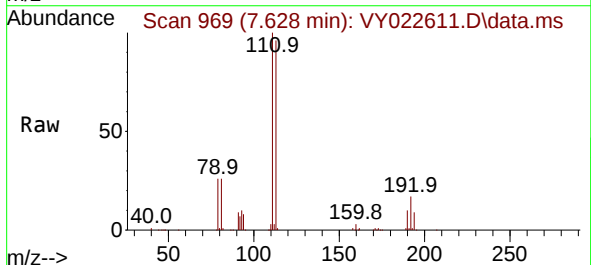
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	13.8	0.0	27.8

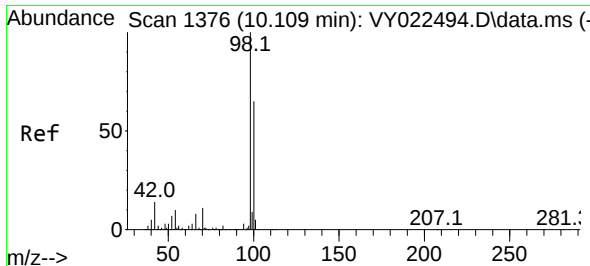


#35
 Dibromofluoromethane
 Concen: 50.201 ug/l
 RT: 7.628 min Scan# 969
 Delta R.T. -0.012 min
 Lab File: VY022611.D
 Acq: 06 Jun 2025 19:35

Tgt Ion:113 Resp: 172404

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.1	121.7
192	18.3	14.2	21.2

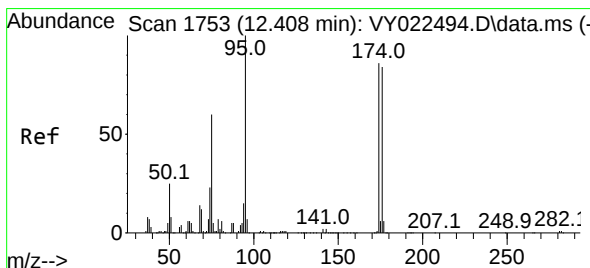
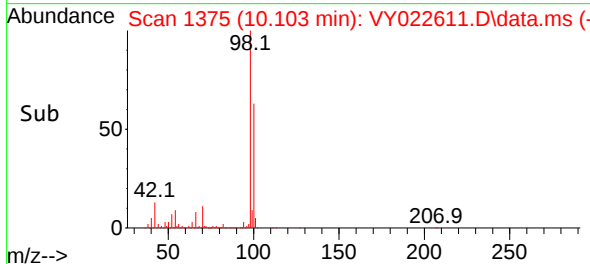
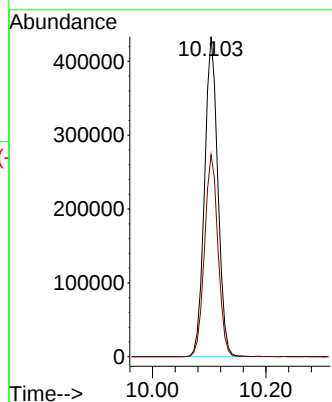
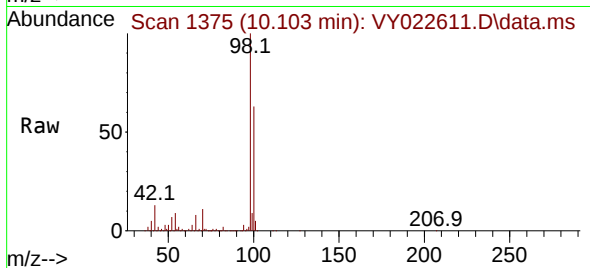




#50
Toluene-d8
Concen: 50.832 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022611.D
Acq: 06 Jun 2025 19:35

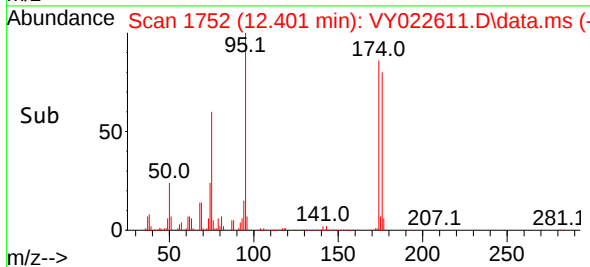
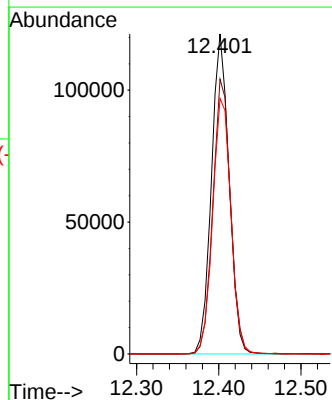
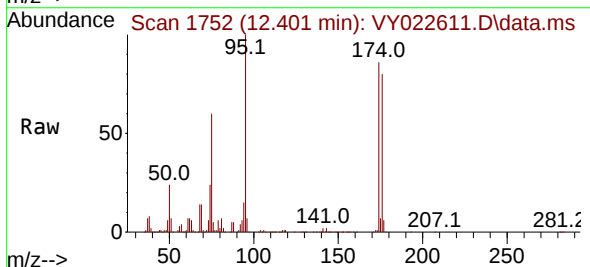
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

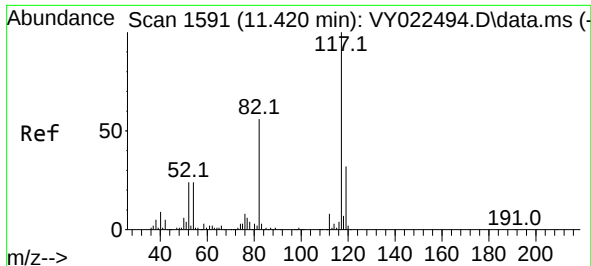
Tgt Ion: 98 Resp: 705385
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.679 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022611.D
Acq: 06 Jun 2025 19:35

Tgt Ion: 95 Resp: 180593
Ion Ratio Lower Upper
95 100
174 86.2 0.0 170.0
176 82.8 0.0 166.2

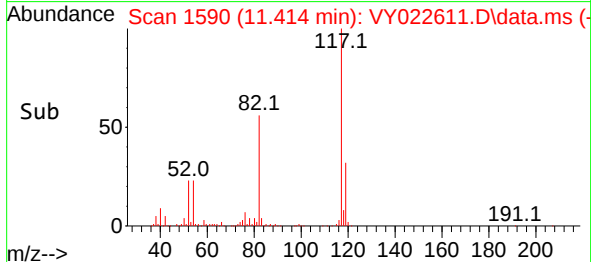
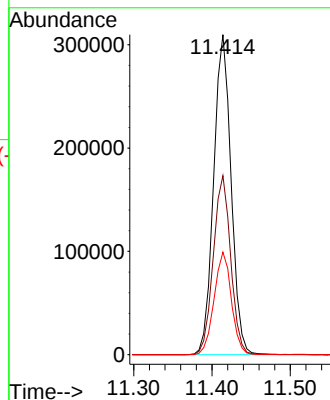
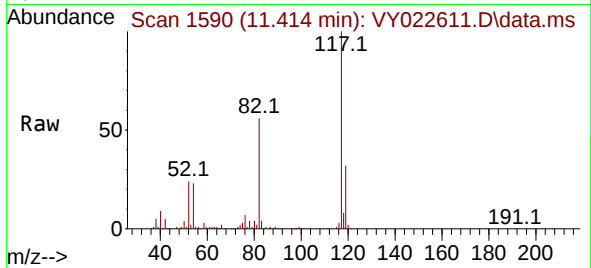




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022611.D
Acq: 06 Jun 2025 19:35

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 478901
Ion Ratio Lower Upper
117 100
82 55.9 44.6 66.8
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022611.D
Acq: 06 Jun 2025 19:35

Tgt Ion:152 Resp: 185222
Ion Ratio Lower Upper
152 100
115 55.9 28.9 86.7
150 155.7 0.0 349.6

