

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
 Data File : VY022867.D
 Acq On : 27 Jun 2025 17:16
 Operator : SY/MD
 Sample : Q2452-03
 Misc : 4.75g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-VOC

Quant Time: Jun 27 23:20:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

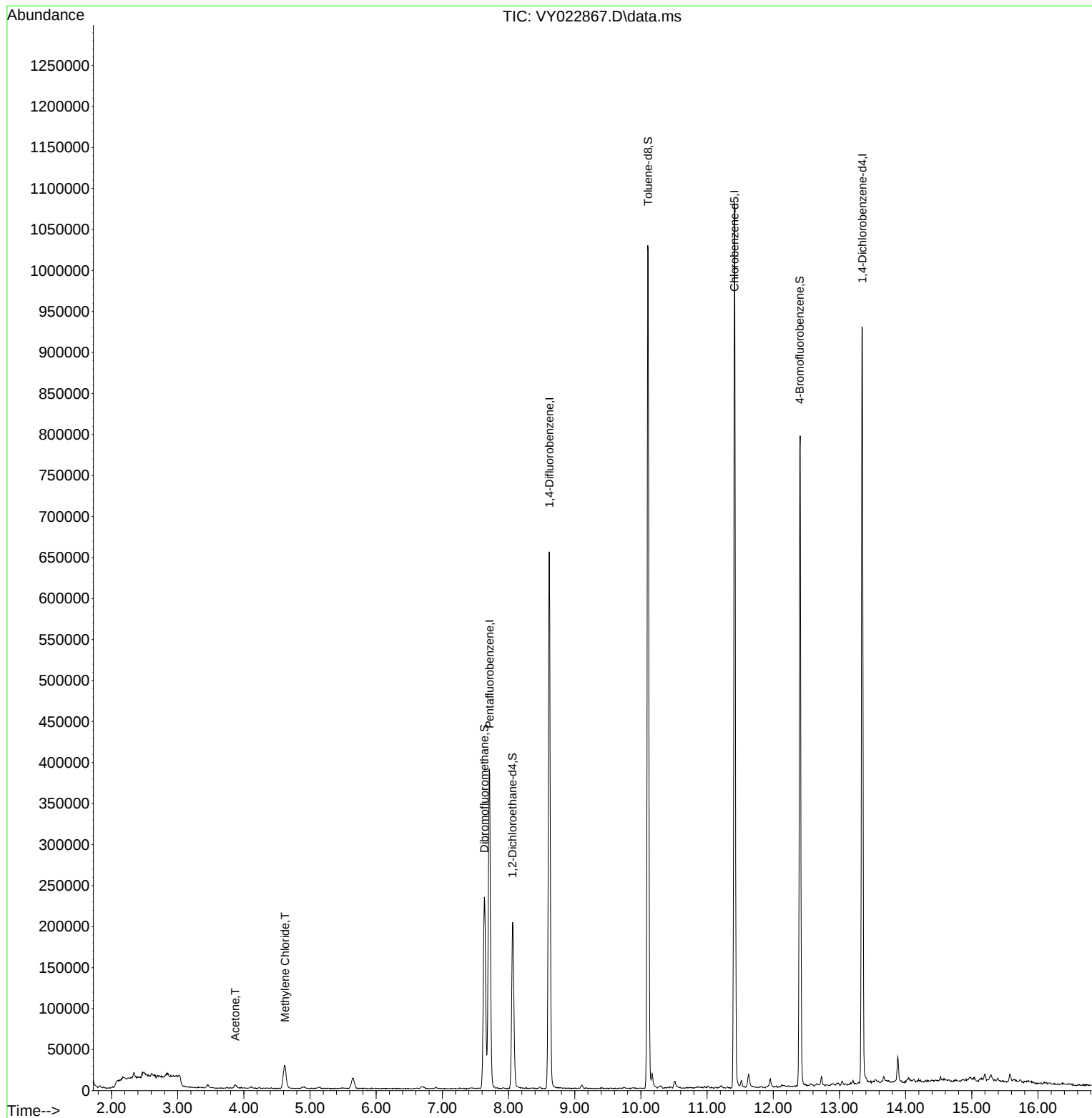
Internal Standards						
1) Pentafluorobenzene	7.713	168	291220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	544878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	533975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	231581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	157934	48.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.180%
35) Dibromofluoromethane	7.634	113	166342	50.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.400%
50) Toluene-d8	10.109	98	669904	50.946	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.900%
62) 4-Bromofluorobenzene	12.401	95	232095	54.907	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.820%
Target Compounds						
16) Acetone	3.872	43	7397	12.041	ug/l	99
20) Methylene Chloride	4.622	84	21437	5.525	ug/l #	85

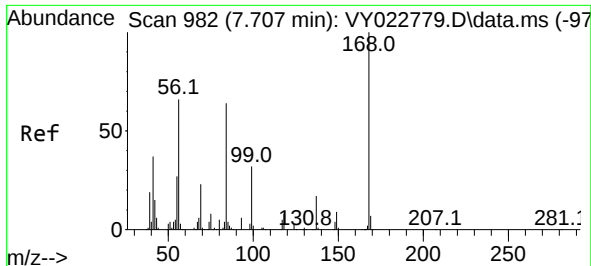
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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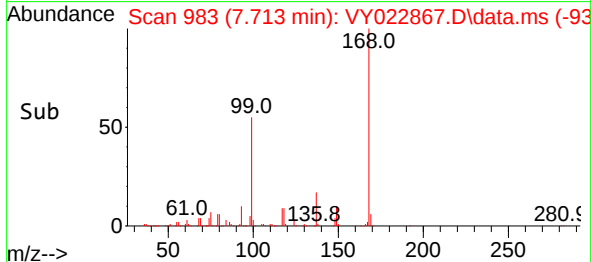
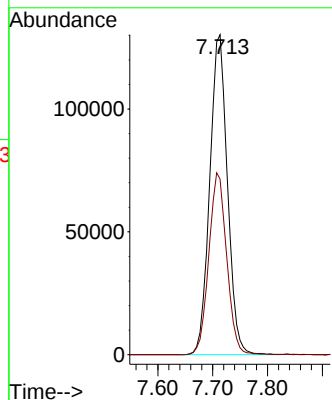
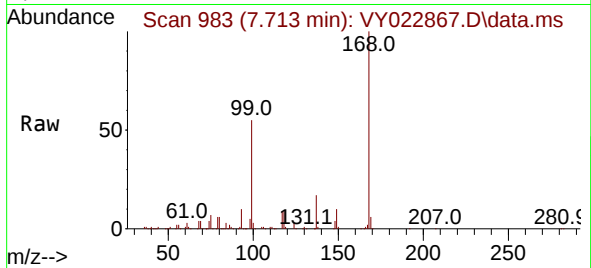




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022867.D
Acq: 27 Jun 2025 17:16

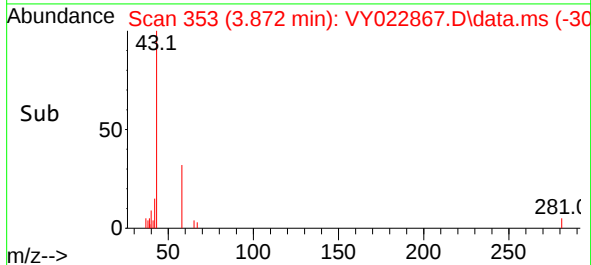
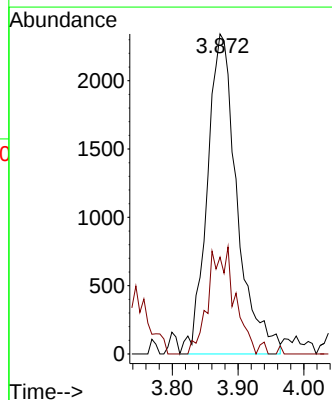
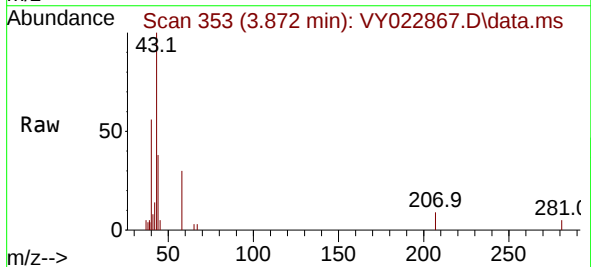
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

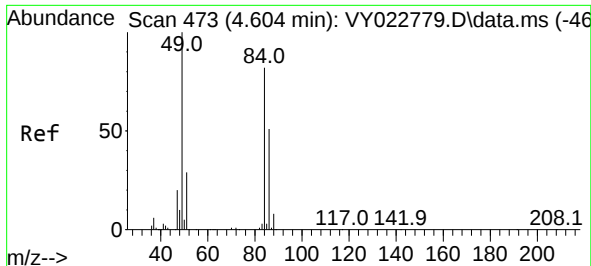
Tgt Ion:168 Resp: 291220
Ion Ratio Lower Upper
168 100
99 54.9 44.3 66.5



#16
Acetone
Concen: 12.041 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022867.D
Acq: 27 Jun 2025 17:16

Tgt Ion: 43 Resp: 7397
Ion Ratio Lower Upper
43 100
58 30.3 24.0 36.0

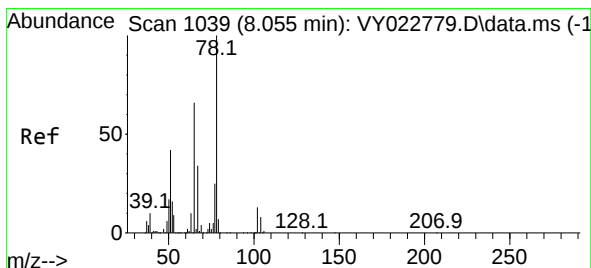
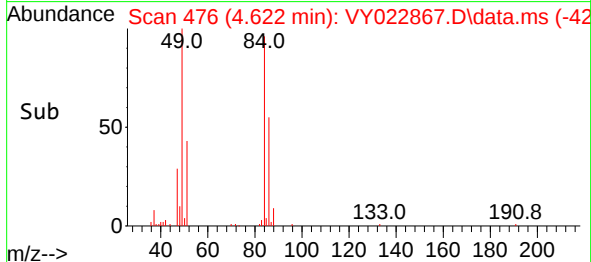
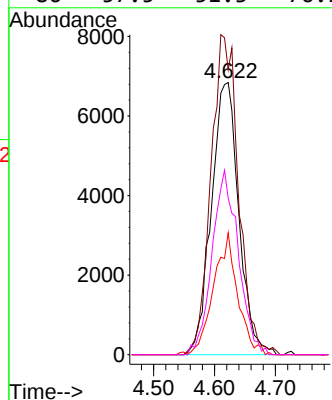
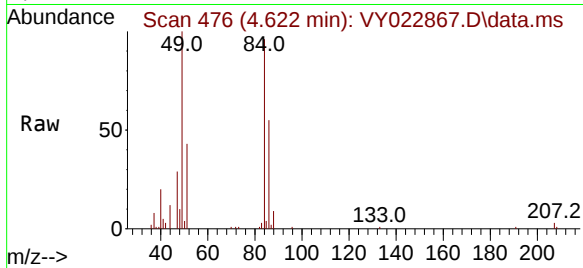




#20
Methylene Chloride
Concen: 5.525 ug/l
RT: 4.622 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY022867.D
Acq: 27 Jun 2025 17:16

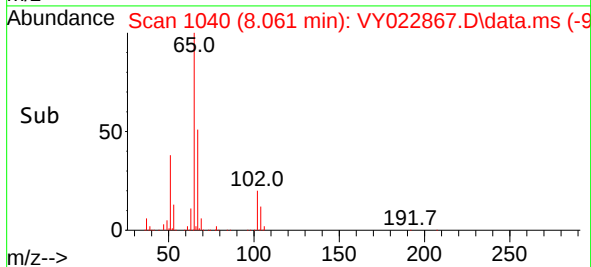
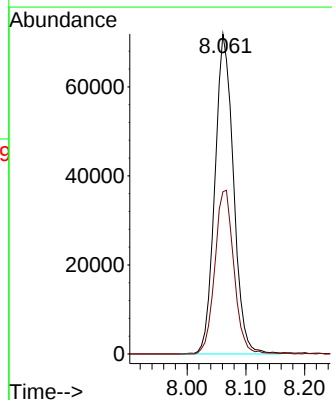
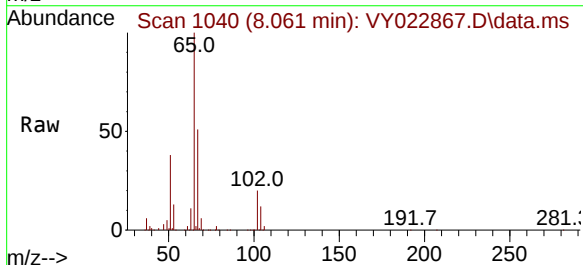
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

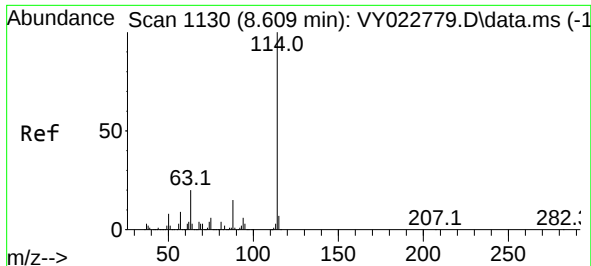
Tgt Ion:	84	Resp:	21437
Ion	Ratio	Lower	Upper
84	100		
49	104.6	101.9	152.9
51	44.8	29.8	44.8#
86	57.5	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 48.590 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022867.D
Acq: 27 Jun 2025 17:16

Tgt Ion:	65	Resp:	157934
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.4

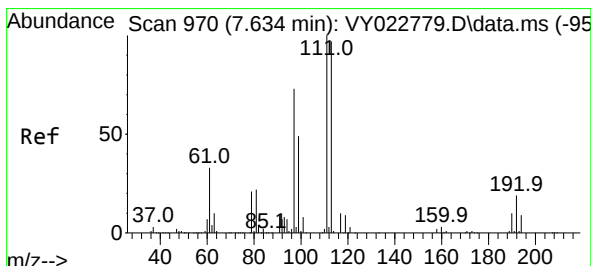
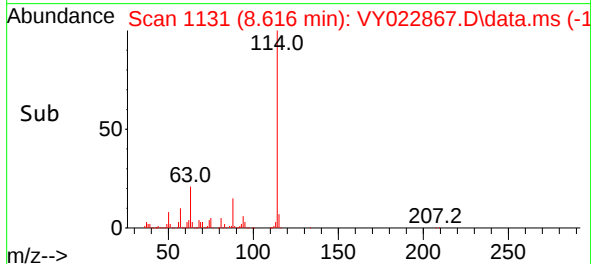
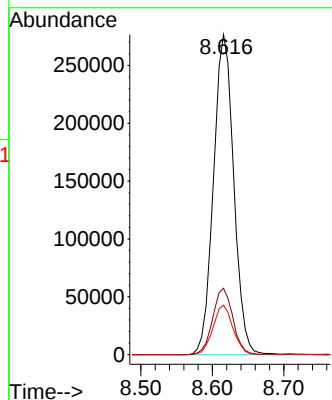
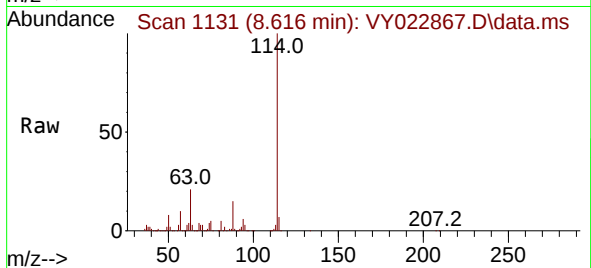




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022867.D
Acq: 27 Jun 2025 17:16

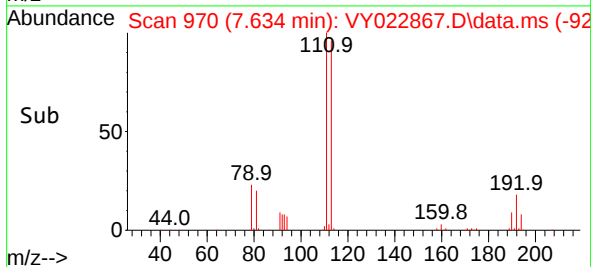
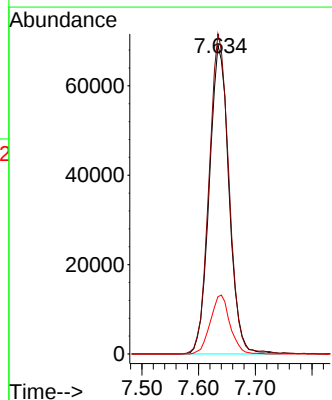
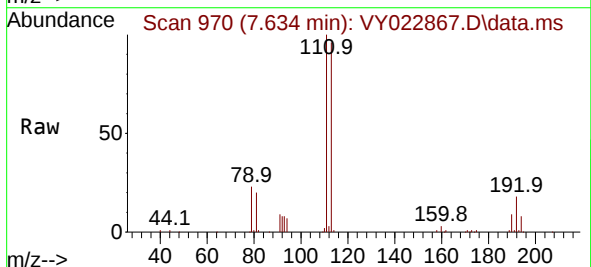
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

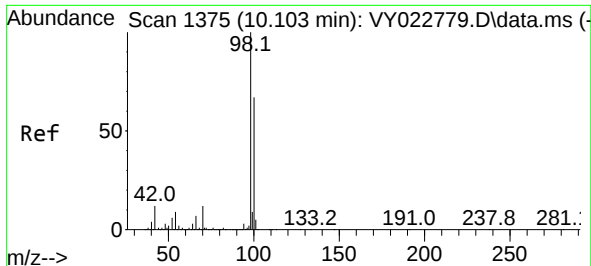
Tgt Ion:114 Resp: 544878
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.5 0.0 27.8



#35
Dibromofluoromethane
Concen: 50.198 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022867.D
Acq: 27 Jun 2025 17:16

Tgt Ion:113 Resp: 166342
Ion Ratio Lower Upper
113 100
111 104.5 81.1 121.7
192 19.0 14.2 21.2

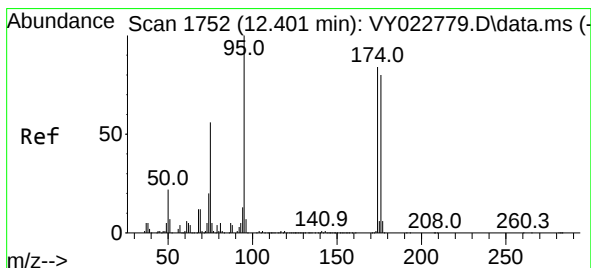
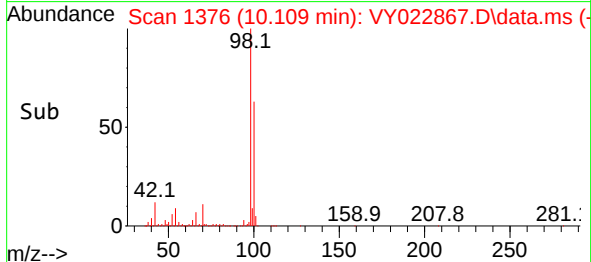
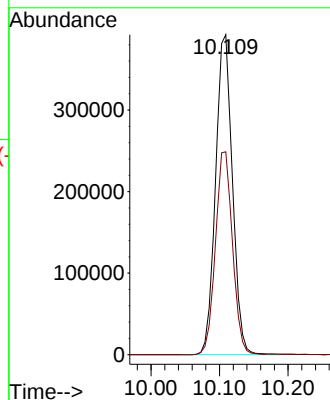
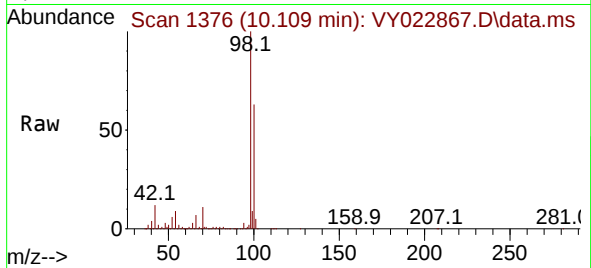




#50
Toluene-d8
Concen: 50.946 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022867.D
Acq: 27 Jun 2025 17:16

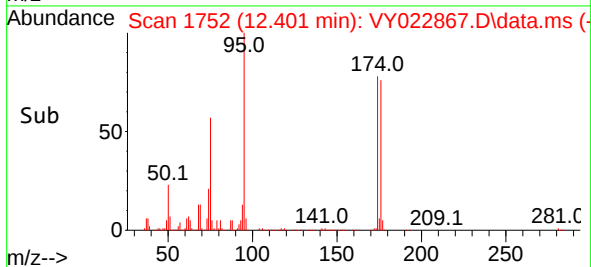
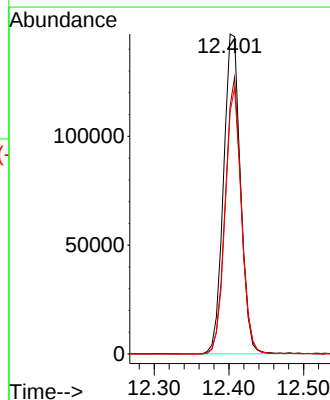
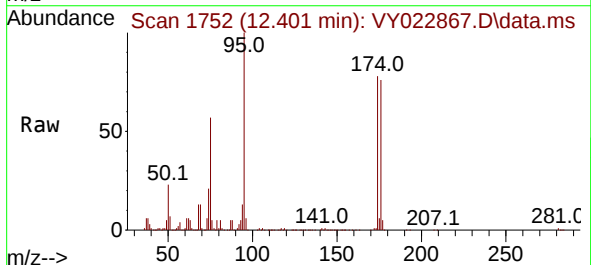
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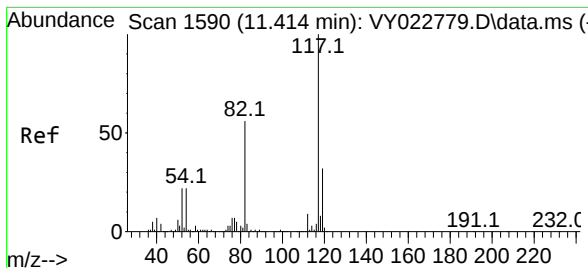
Tgt Ion: 98 Resp: 669904
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 54.907 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022867.D
Acq: 27 Jun 2025 17:16

Tgt Ion: 95 Resp: 232095
Ion Ratio Lower Upper
95 100
174 82.7 0.0 170.0
176 79.8 0.0 166.2

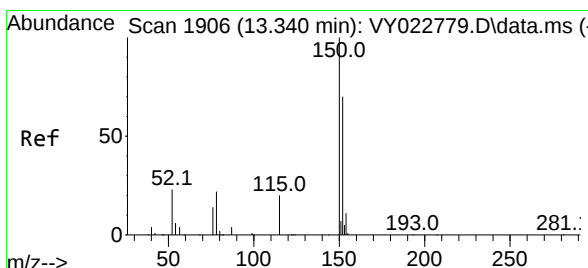
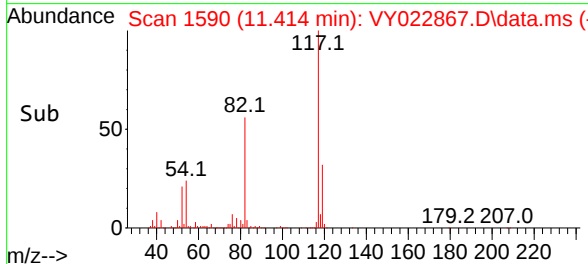
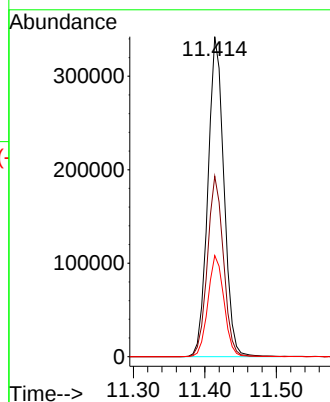
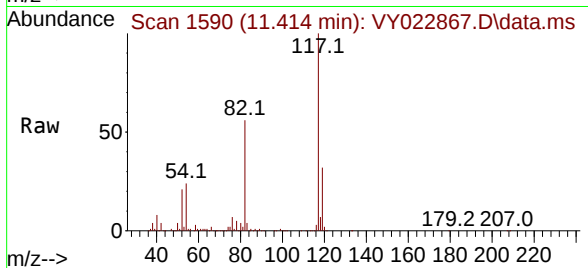




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022867.D
Acq: 27 Jun 2025 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

Tgt Ion:117 Resp: 533975
Ion Ratio Lower Upper
117 100
82 56.4 44.6 66.8
119 31.6 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: VY022867.D
Acq: 27 Jun 2025 17:16

Tgt Ion:152 Resp: 231581
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.7
150 156.8 0.0 349.6

