

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080425\
 Data File : VW032000.D
 Acq On : 04 Aug 2025 14:40
 Operator : SY/MD
 Sample : Q2760-01
 Misc : 5.18g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-08042025

Quant Time: Aug 05 01:20:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

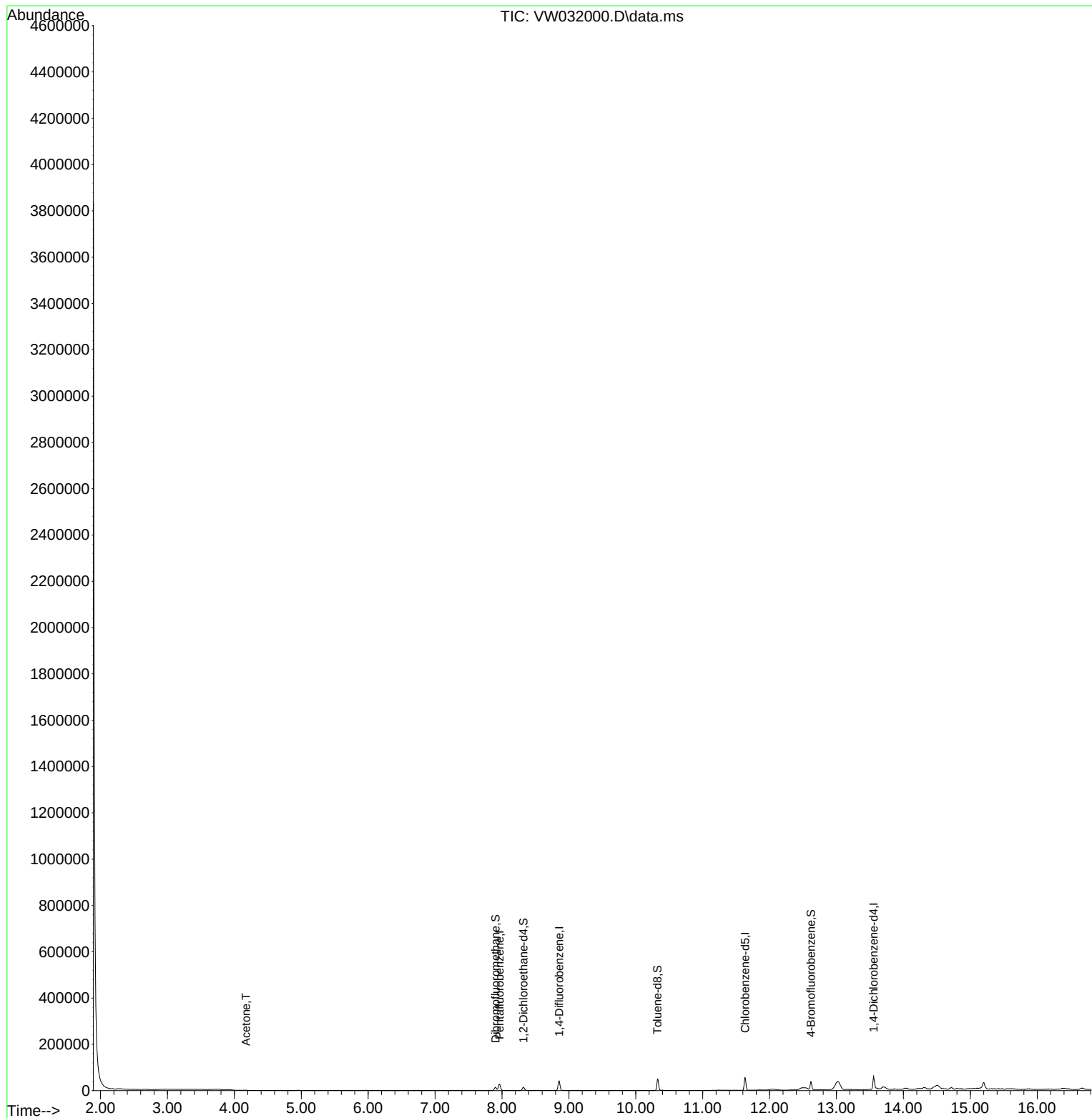
Internal Standards						
1) Pentafluorobenzene	7.965	168	19570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	35863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	31934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	12917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	11834	39.974	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	79.940%
35) Dibromofluoromethane	7.904	113	10758	44.146	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	88.300%
50) Toluene-d8	10.324	98	34298	37.187	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	74.380%
62) 4-Bromofluorobenzene	12.617	95	12620	35.635	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	71.260%
Target Compounds						
16) Acetone	4.173	43	2092	29.779	ug/l	Qvalue 90

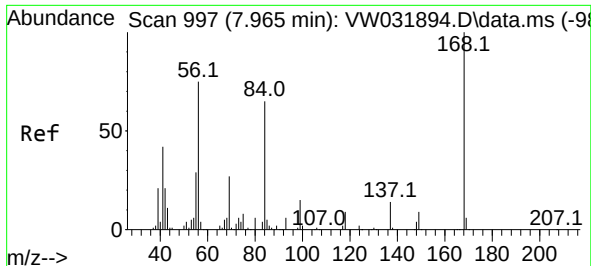
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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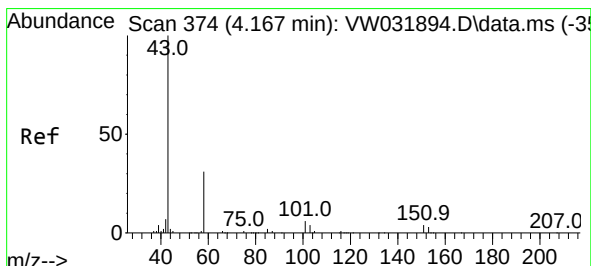
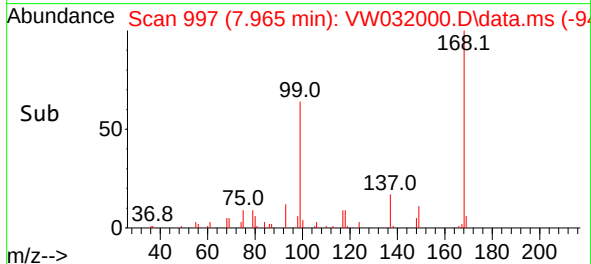
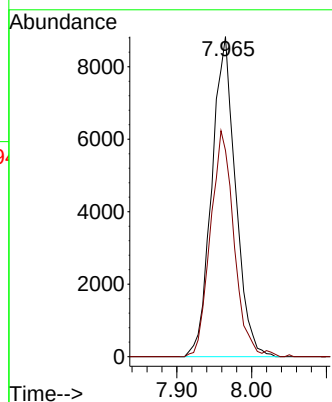
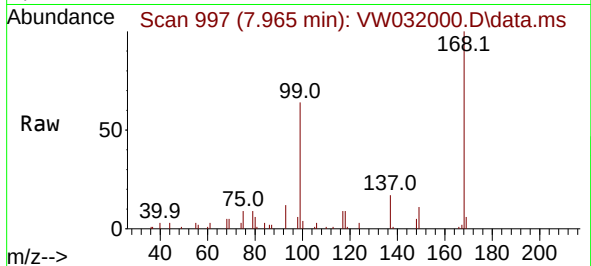




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032000.D
Acq: 04 Aug 2025 14:40

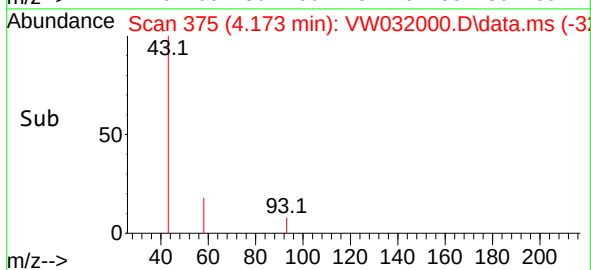
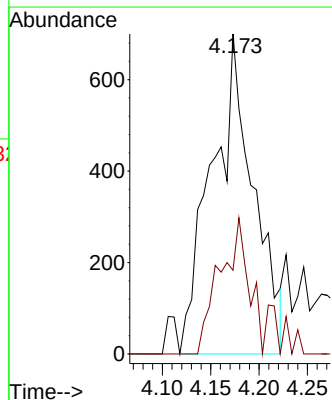
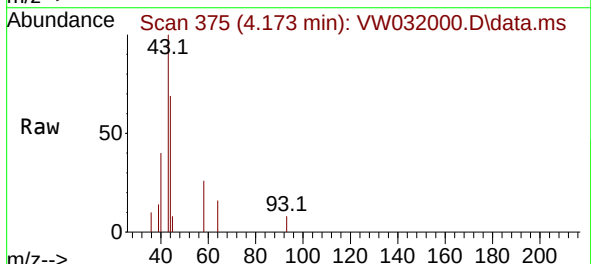
Instrument :
MSVOA_W
ClientSampleId :
NB-07-08042025

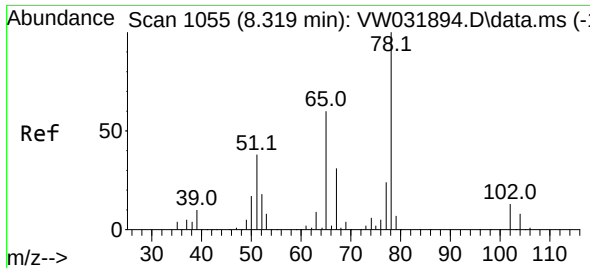
Tgt Ion:168 Resp: 19570
Ion Ratio Lower Upper
168 100
99 64.5 48.2 72.2



#16
Acetone
Concen: 29.779 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.006 min
Lab File: VW032000.D
Acq: 04 Aug 2025 14:40

Tgt Ion: 43 Resp: 2092
Ion Ratio Lower Upper
43 100
58 26.1 25.5 38.3

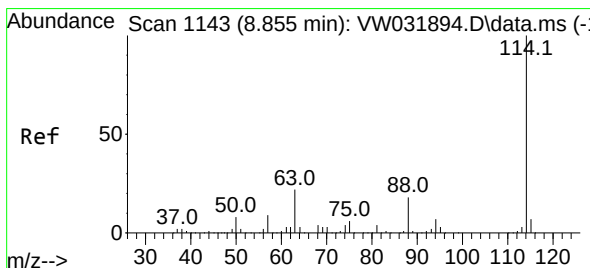
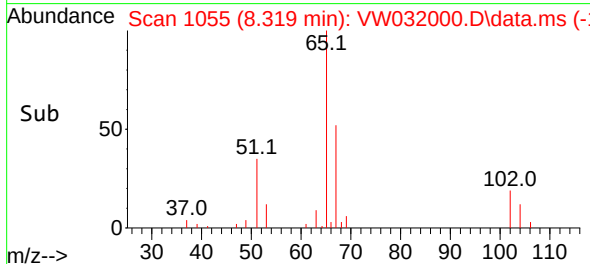
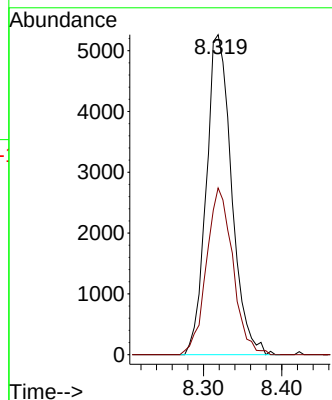
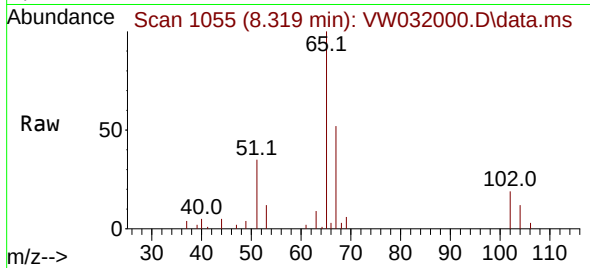




#33
 1,2-Dichloroethane-d4
 Concen: 39.974 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032000.D
 Acq: 04 Aug 2025 14:40

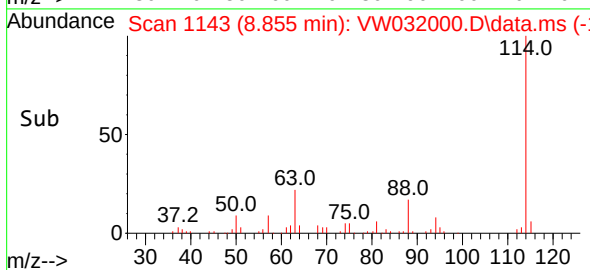
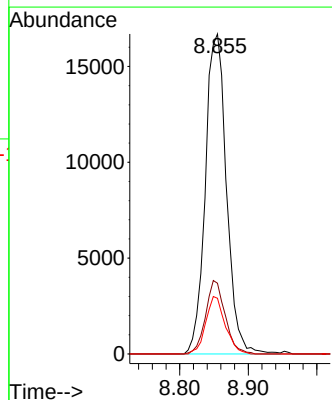
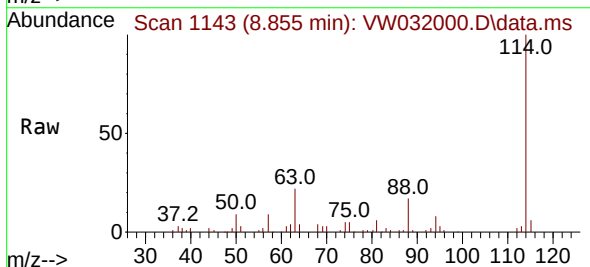
Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-08042025

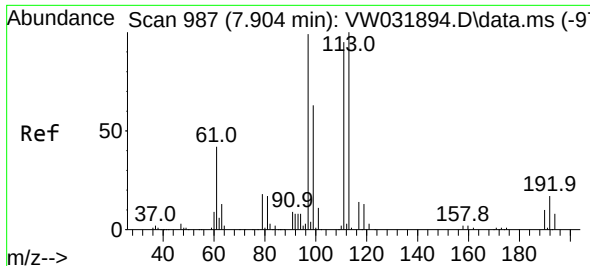
Tgt Ion: 65 Resp: 11834
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032000.D
 Acq: 04 Aug 2025 14:40

Tgt Ion: 114 Resp: 35863
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.2
 88 17.4 0.0 35.6

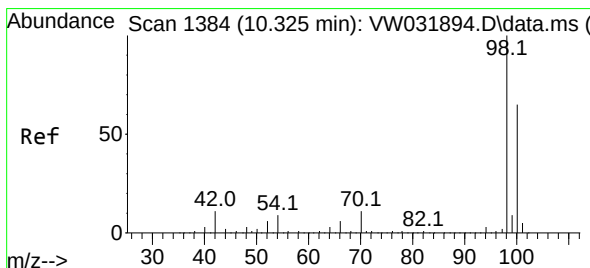
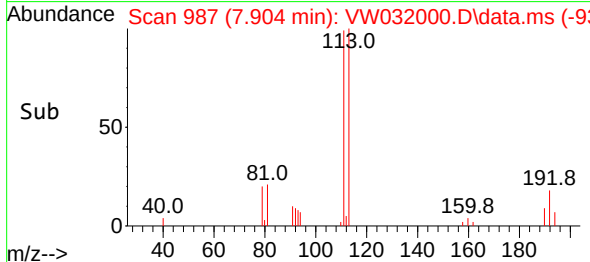
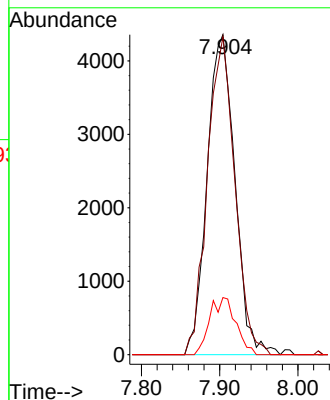
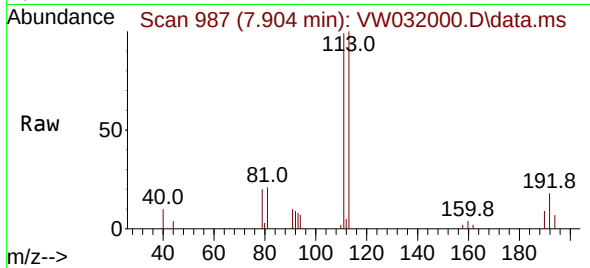




#35
 Dibromofluoromethane
 Concen: 44.146 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW032000.D
 Acq: 04 Aug 2025 14:40

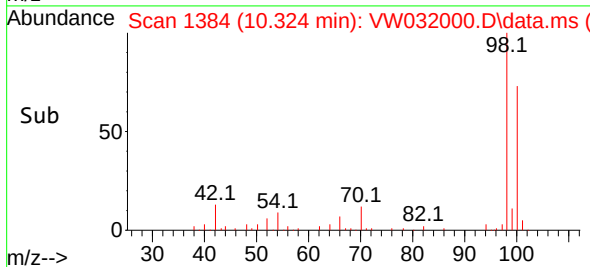
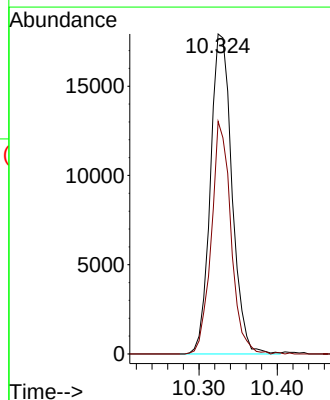
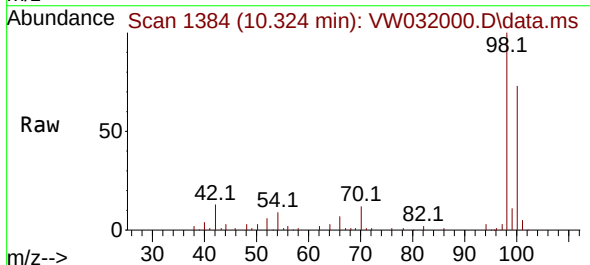
Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-08042025

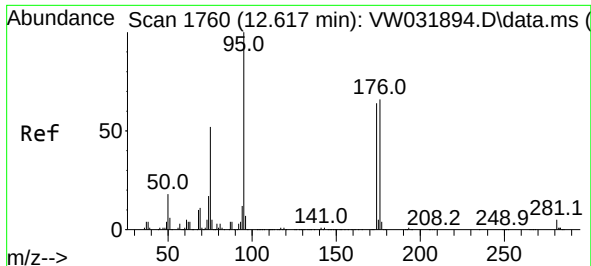
Tgt Ion:113 Resp: 10758
 Ion Ratio Lower Upper
 113 100
 111 97.7 79.9 119.9
 192 16.7 12.6 19.0



#50
 Toluene-d8
 Concen: 37.187 ug/l
 RT: 10.324 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VW032000.D
 Acq: 04 Aug 2025 14:40

Tgt Ion: 98 Resp: 34298
 Ion Ratio Lower Upper
 98 100
 100 66.3 51.7 77.5

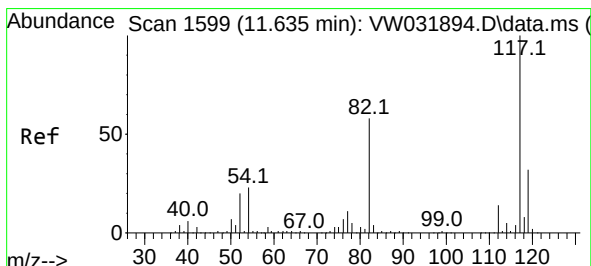
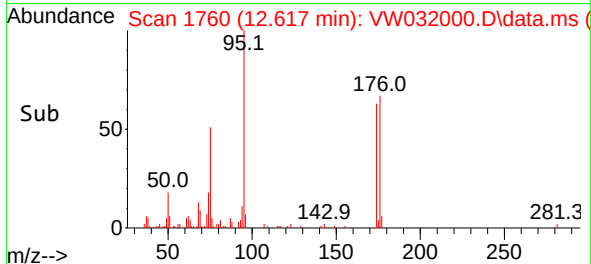
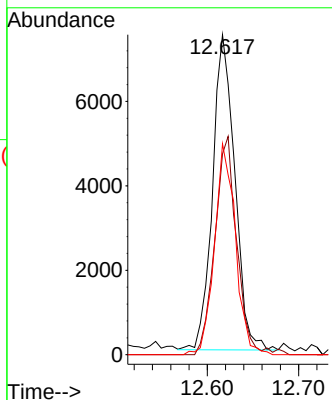
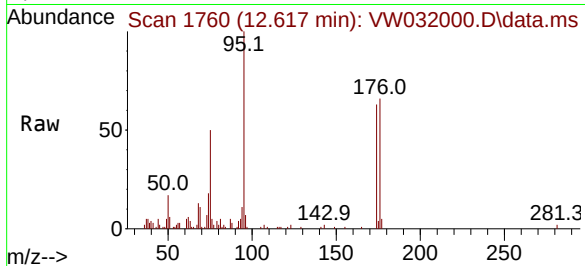




#62
4-Bromofluorobenzene
Concen: 35.635 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032000.D
Acq: 04 Aug 2025 14:40

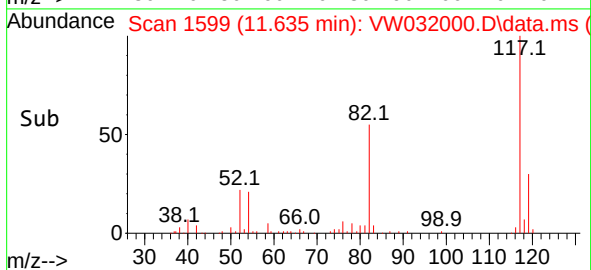
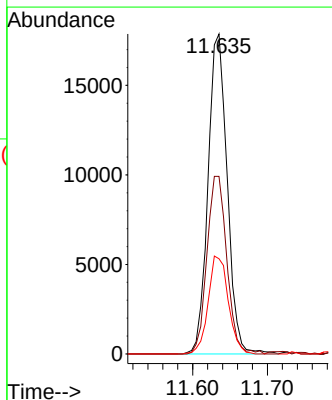
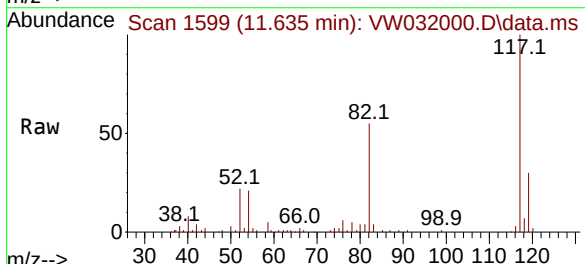
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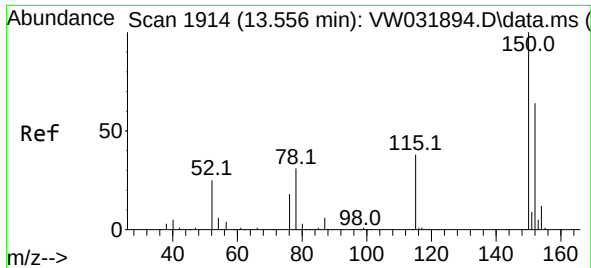
Tgt Ion:	95	Resp:	12620
Ion	Ratio	Lower	Upper
95	100		
174	68.5	0.0	129.8
176	63.4	0.0	130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW032000.D
Acq: 04 Aug 2025 14:40

Tgt Ion:	117	Resp:	31934
Ion	Ratio	Lower	Upper
117	100		
82	55.5	46.5	69.7
119	29.8	25.8	38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032000.D
 Acq: 04 Aug 2025 14:40

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-08042025

Tgt Ion:152 Resp: 12917
 Ion Ratio Lower Upper
 152 100
 115 75.2 33.4 100.1
 150 161.1 0.0 352.2

