

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
 Data File : VW032302.D
 Acq On : 30 Sep 2025 14:52
 Operator : SY/MD
 Sample : Q3238-01RE
 Misc : 5.00g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RCARE

Quant Time: Oct 01 00:54:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

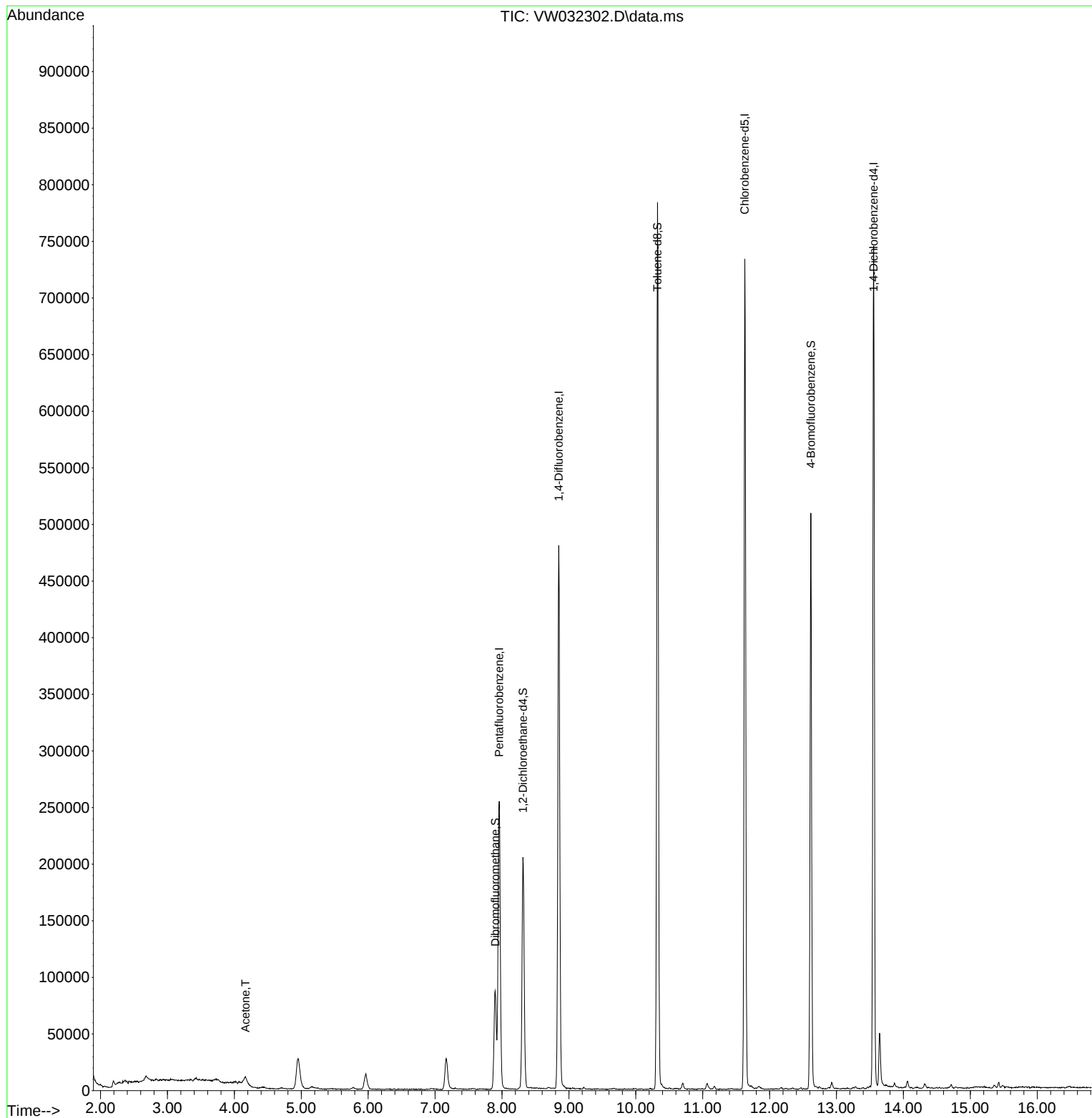
Internal Standards						
1) Pentafluorobenzene	7.959	168	175613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	403251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	393328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	198744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	168489	60.763	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	121.520%	
35) Dibromofluoromethane	7.898	113	68258	23.537	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	47.080%#	
50) Toluene-d8	10.325	98	510764	48.869	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	97.740%	
62) 4-Bromofluorobenzene	12.617	95	180106	45.684	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	91.360%	
Target Compounds						
16) Acetone	4.167	43	9595	13.474	ug/l	Qvalue 93

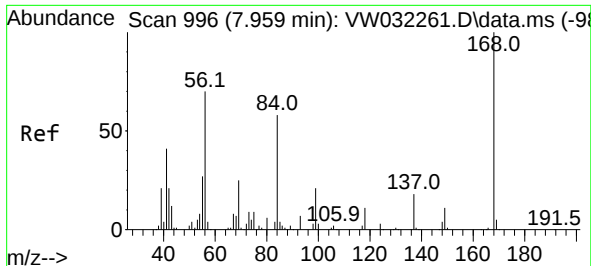
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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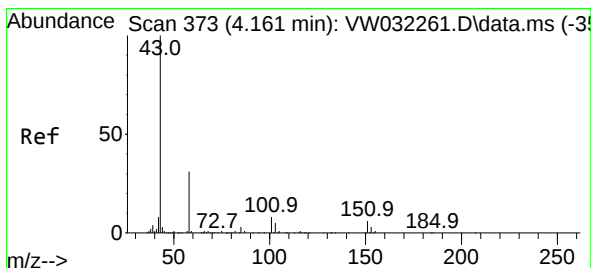
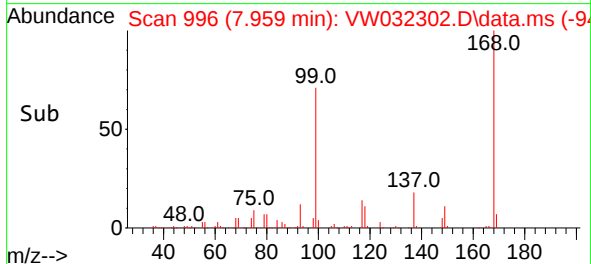
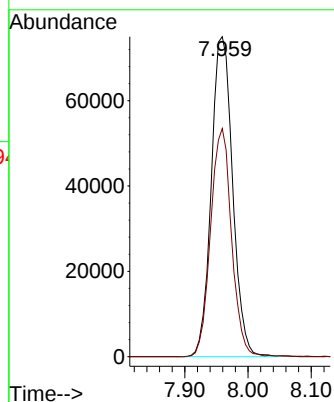
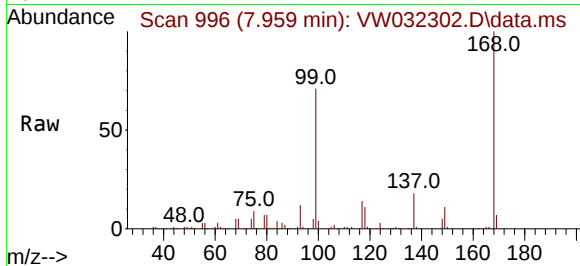




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032302.D
Acq: 30 Sep 2025 14:52

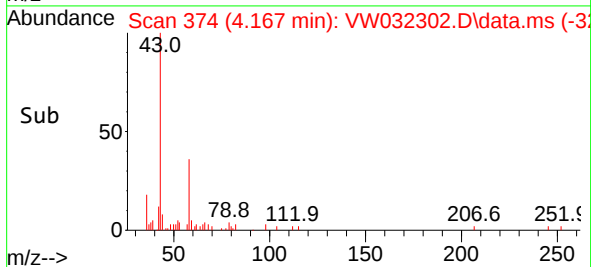
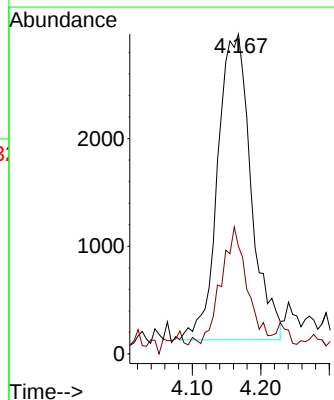
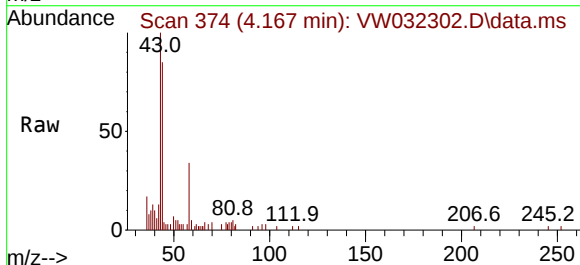
Instrument :
MSVOA_W
ClientSampleId :
RCARE

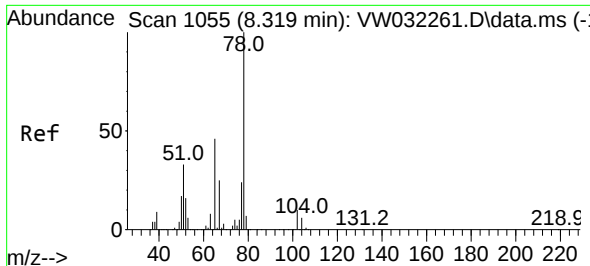
Tgt Ion:168 Resp: 175613
Ion Ratio Lower Upper
168 100
99 71.3 55.0 82.4



#16
Acetone
Concen: 13.474 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032302.D
Acq: 30 Sep 2025 14:52

Tgt Ion: 43 Resp: 9595
Ion Ratio Lower Upper
43 100
58 27.7 25.4 38.0

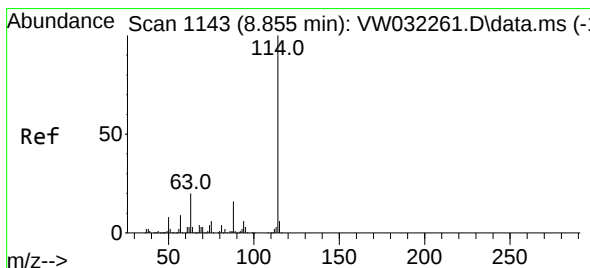
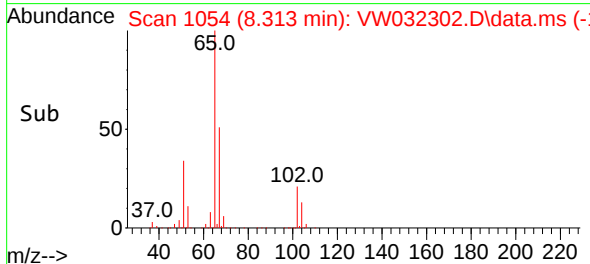
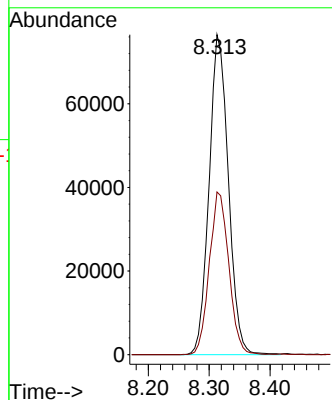
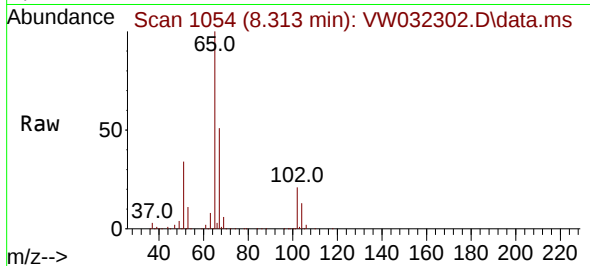




#33
 1,2-Dichloroethane-d4
 Concen: 60.763 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW032302.D
 Acq: 30 Sep 2025 14:52

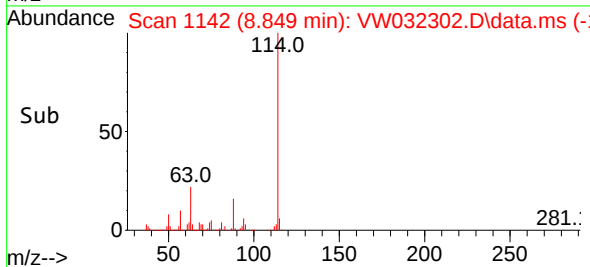
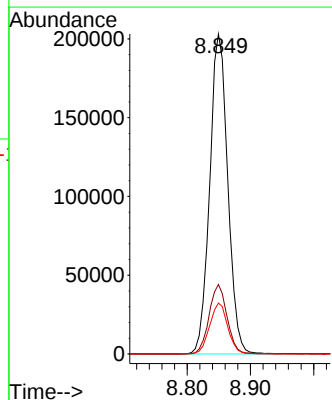
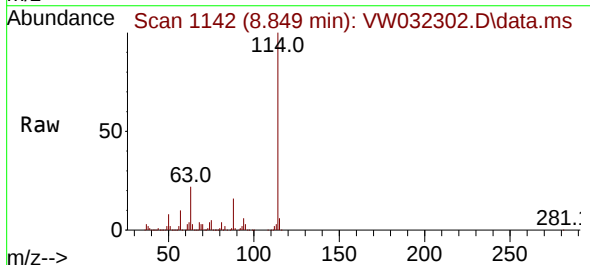
Instrument :
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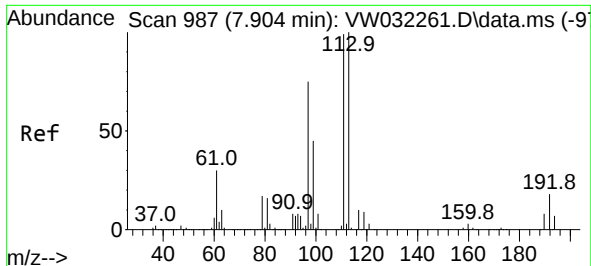
Tgt Ion: 65 Resp: 168489
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032302.D
 Acq: 30 Sep 2025 14:52

Tgt Ion: 114 Resp: 403251
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 40.2
 88 15.9 0.0 32.0

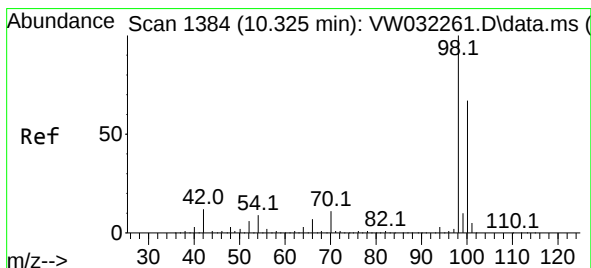
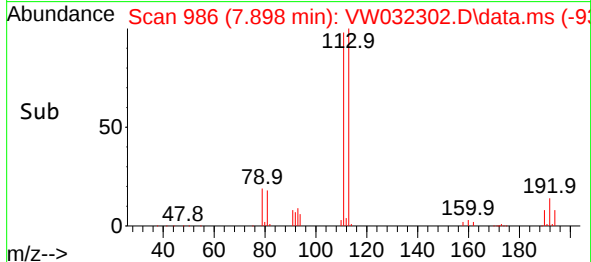
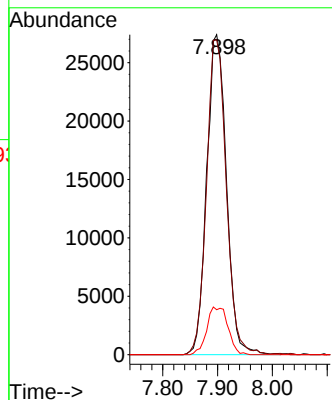
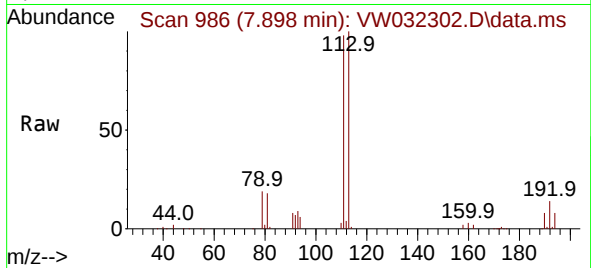




#35
 Dibromofluoromethane
 Concen: 23.537 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032302.D
 Acq: 30 Sep 2025 14:52

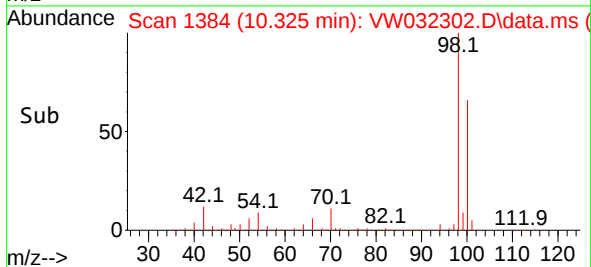
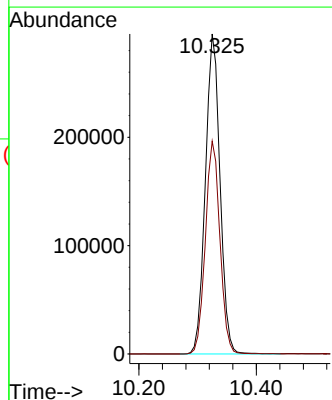
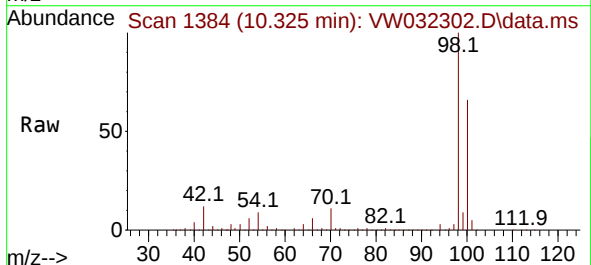
Instrument :
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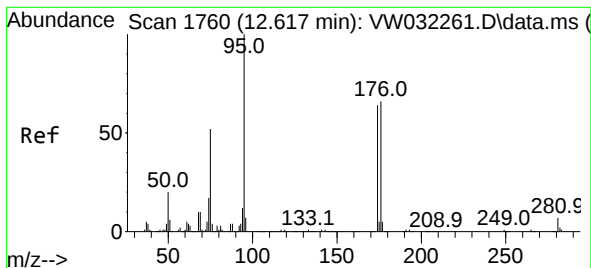
Tgt Ion:113 Resp: 68258
 Ion Ratio Lower Upper
 113 100
 111 98.9 81.8 122.8
 192 16.0 13.0 19.4



#50
 Toluene-d8
 Concen: 48.869 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW032302.D
 Acq: 30 Sep 2025 14:52

Tgt Ion: 98 Resp: 510764
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.0 79.4

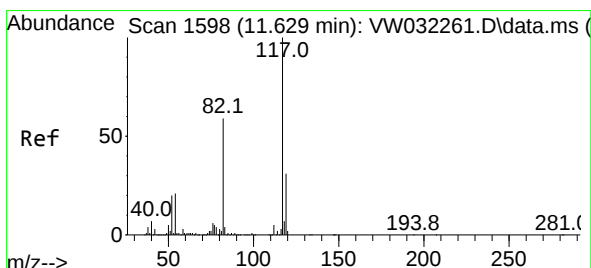
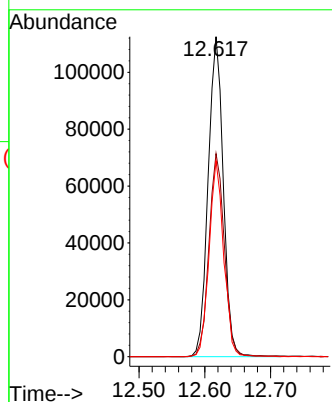
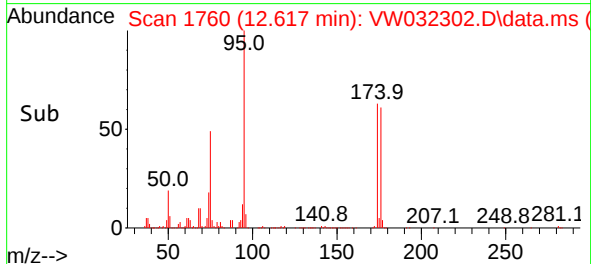
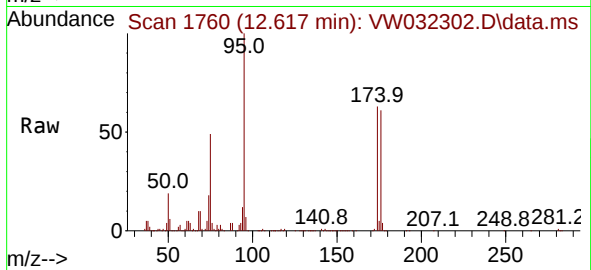




#62
4-Bromofluorobenzene
Concen: 45.684 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032302.D
Acq: 30 Sep 2025 14:52

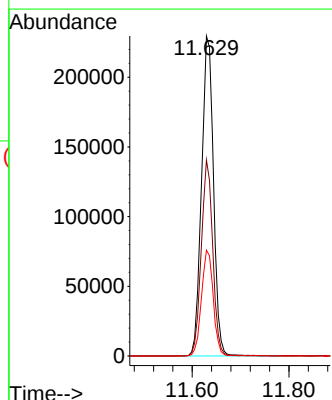
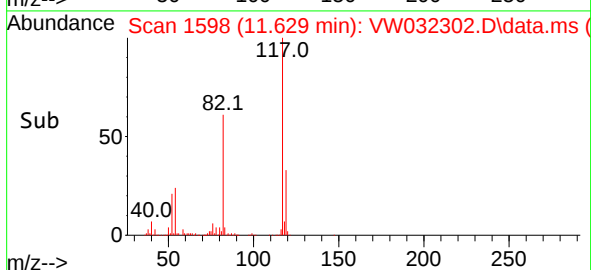
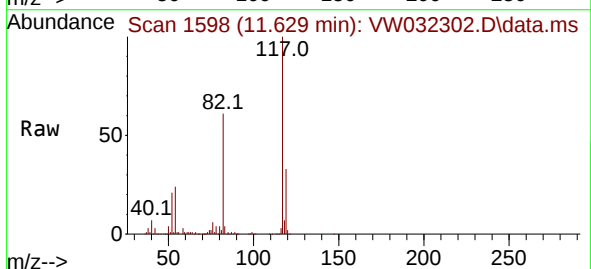
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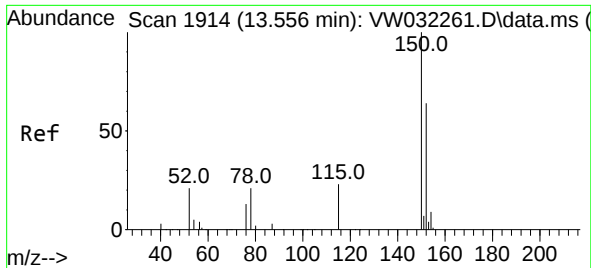
Tgt Ion: 95 Resp: 180106
Ion Ratio Lower Upper
95 100
174 64.4 0.0 130.6
176 59.3 0.0 127.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW032302.D
Acq: 30 Sep 2025 14:52

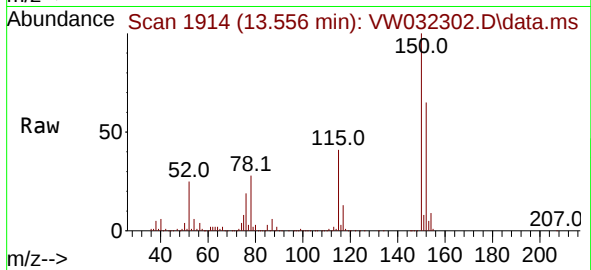
Tgt Ion: 117 Resp: 393328
Ion Ratio Lower Upper
117 100
82 61.2 46.9 70.3
119 33.0 24.9 37.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032302.D
 Acq: 30 Sep 2025 14:52

Instrument :
 MSVOA_W
 ClientSampleId :
 RCARE



Tgt Ion:152 Resp: 198744
 Ion Ratio Lower Upper
 152 100
 115 61.4 32.5 97.5
 150 152.3 0.0 370.2

