

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100625\
 Data File : VW032363.D
 Acq On : 06 Oct 2025 16:39
 Operator : SY/MD
 Sample : Q3295-03
 Misc : 5.28g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-10062025

Quant Time: Oct 07 03:49:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

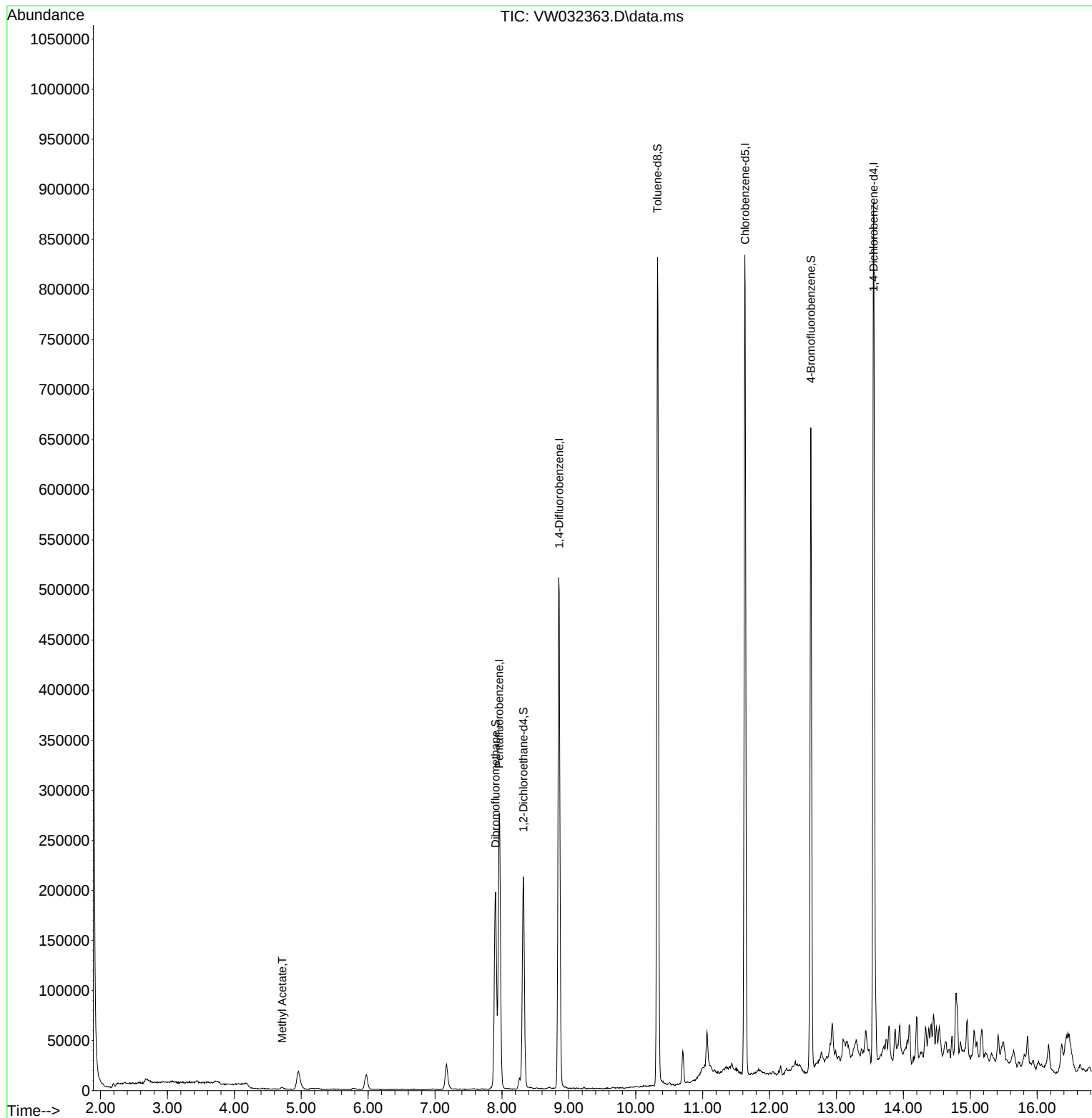
Internal Standards						
1) Pentafluorobenzene	7.959	168	191766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	430557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	449428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	225653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	174735	62.472	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 124.940%		
35) Dibromofluoromethane	7.904	113	149056	53.457	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 106.920%		
50) Toluene-d8	10.325	98	549452	53.391	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 106.780%		
62) 4-Bromofluorobenzene	12.617	95	223954	57.576	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 115.160%		
Target Compounds						
18) Methyl Acetate	4.716	43	4226	1.905	ug/l	Qvalue 96

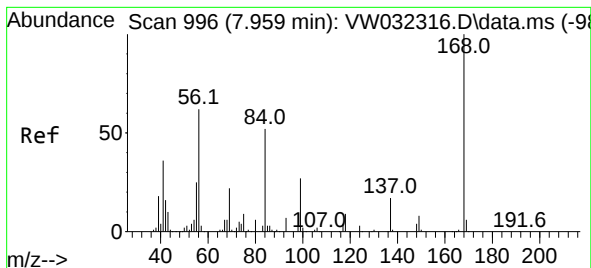
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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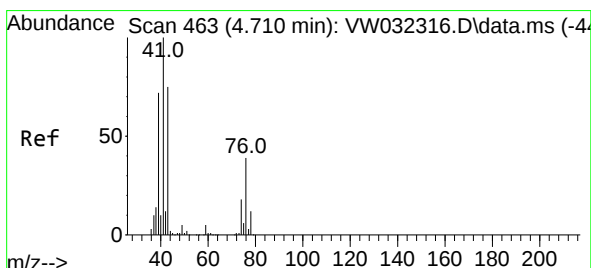
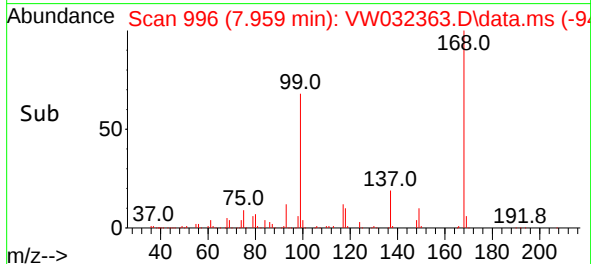
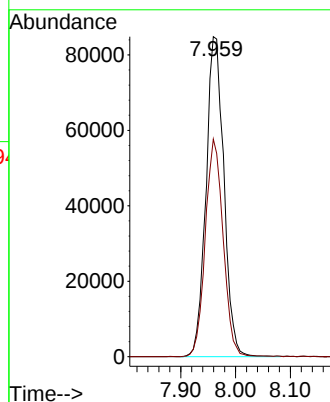
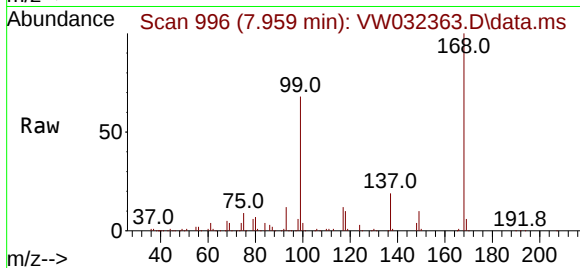




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032363.D
Acq: 06 Oct 2025 16:39

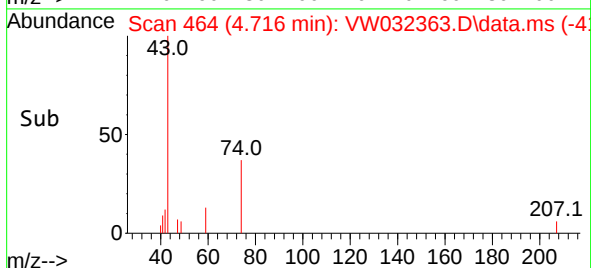
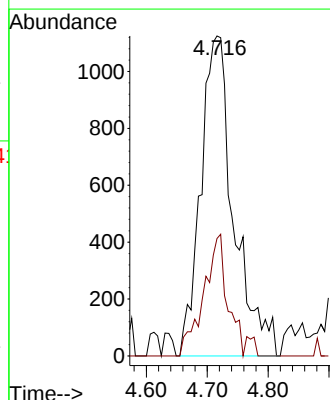
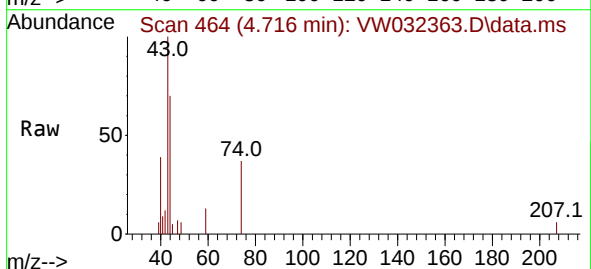
Instrument :
MSVOA_W
ClientSampleId :
EO-02-10062025

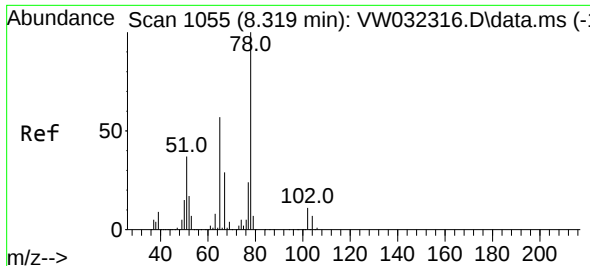
Tgt Ion:168 Resp: 191766
Ion Ratio Lower Upper
168 100
99 68.0 49.3 73.9



#18
Methyl Acetate
Concen: 1.905 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW032363.D
Acq: 06 Oct 2025 16:39

Tgt Ion: 43 Resp: 4226
Ion Ratio Lower Upper
43 100
74 27.4 20.2 30.4

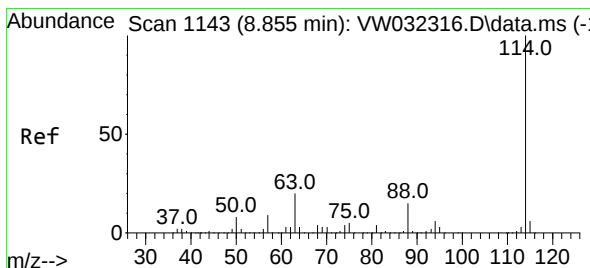
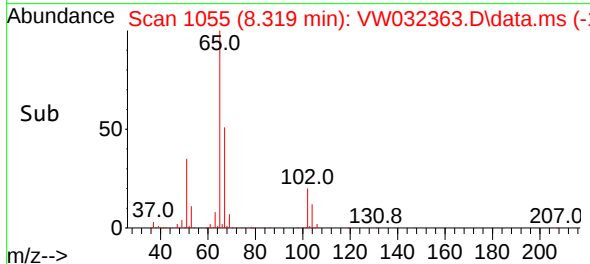
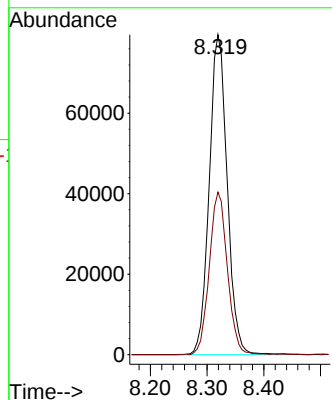
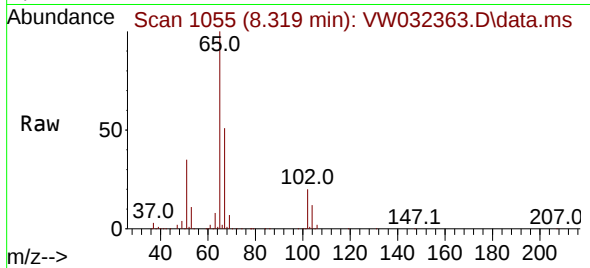




#33
 1,2-Dichloroethane-d4
 Concen: 62.472 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032363.D
 Acq: 06 Oct 2025 16:39

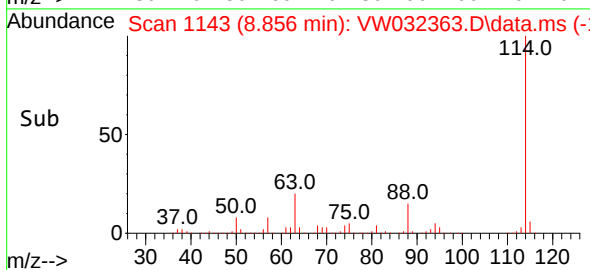
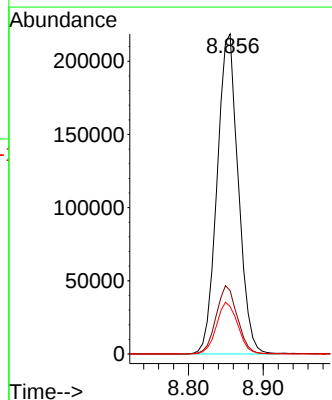
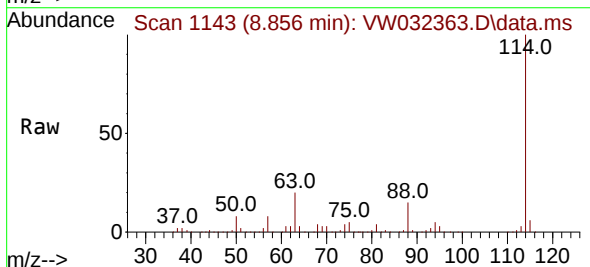
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-10062025

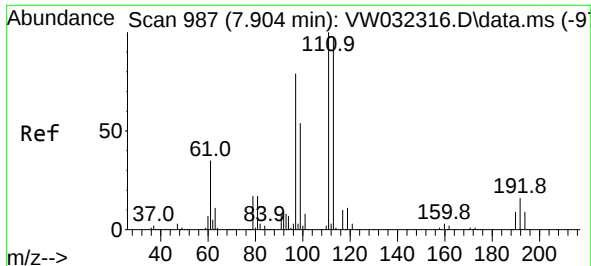
Tgt Ion: 65 Resp: 174735
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.856 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VW032363.D
 Acq: 06 Oct 2025 16:39

Tgt Ion: 114 Resp: 430557
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.4
 88 14.8 0.0 32.0

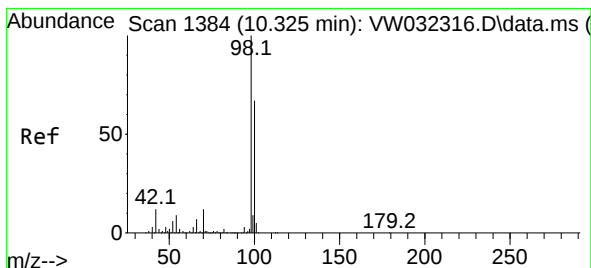
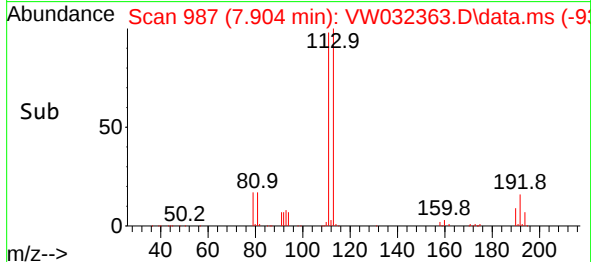
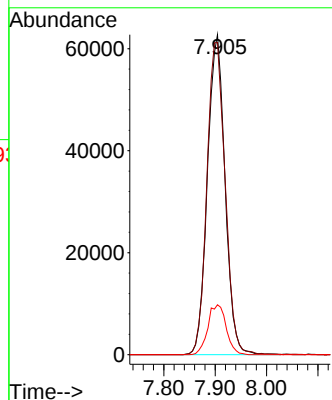
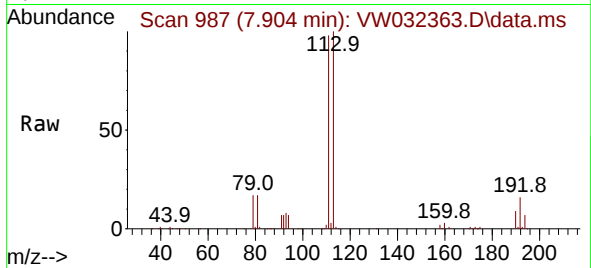




#35
 Dibromofluoromethane
 Concen: 53.457 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW032363.D
 Acq: 06 Oct 2025 16:39

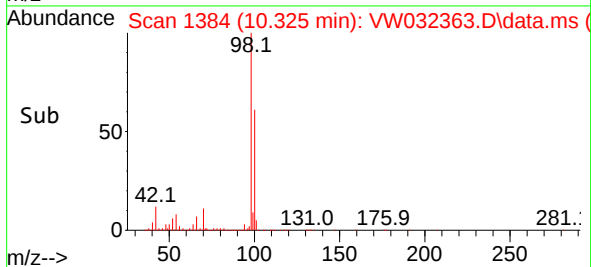
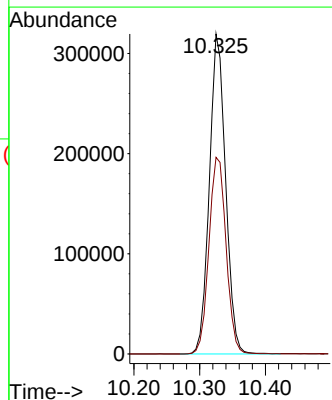
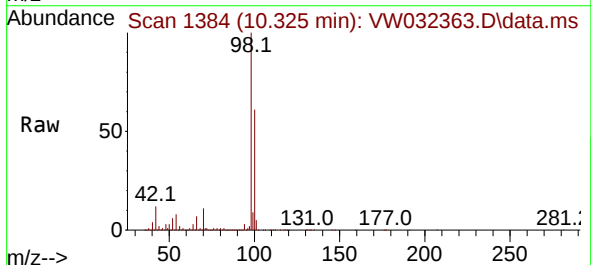
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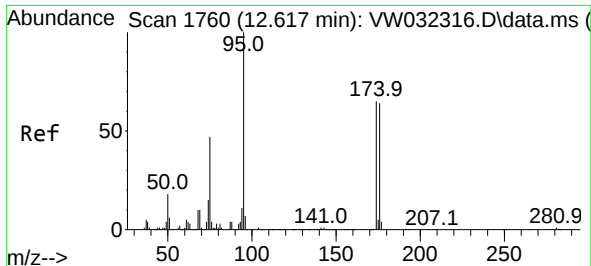
Tgt Ion:113 Resp: 149056
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.9 125.9
 192 16.3 14.6 21.8



#50
 Toluene-d8
 Concen: 53.391 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW032363.D
 Acq: 06 Oct 2025 16:39

Tgt Ion: 98 Resp: 549452
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.4 77.2

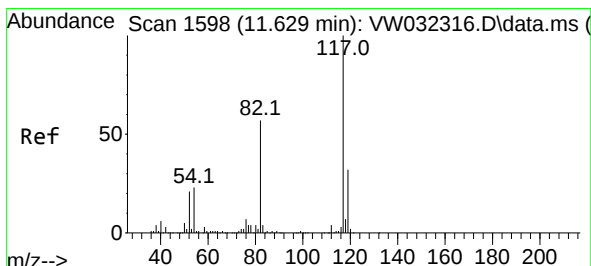
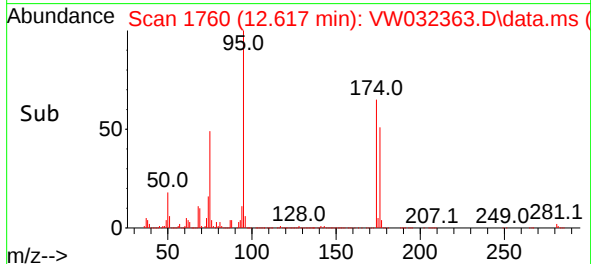
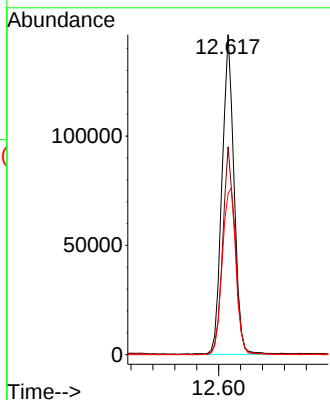
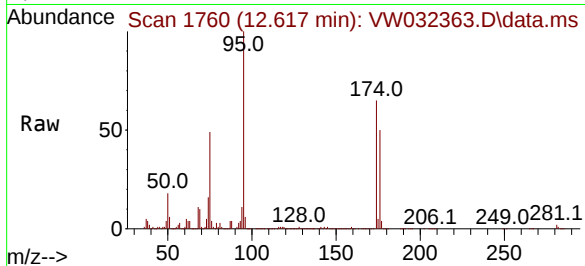




#62
4-Bromofluorobenzene
Concen: 57.576 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032363.D
Acq: 06 Oct 2025 16:39

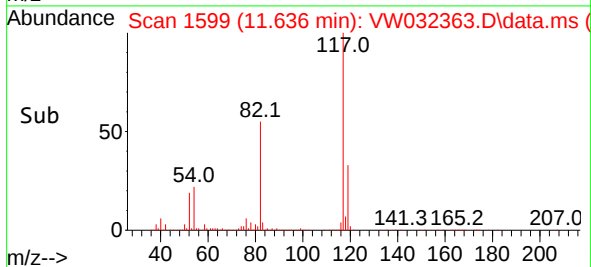
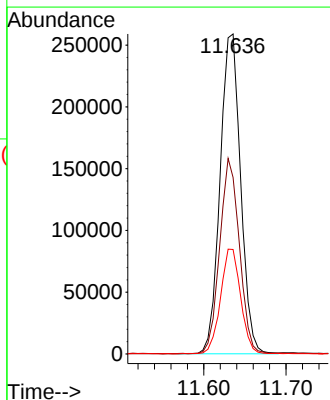
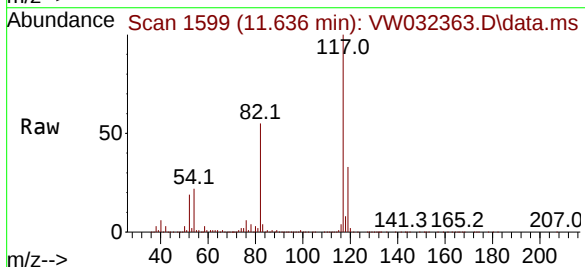
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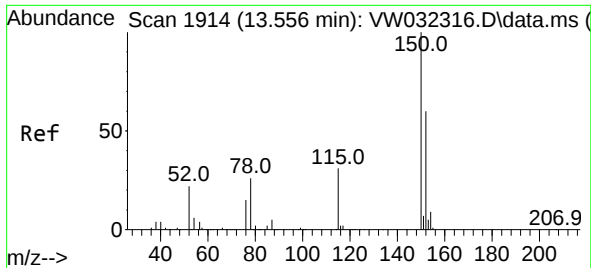
Tgt Ion: 95 Resp: 223954
Ion Ratio Lower Upper
95 100
174 65.9 0.0 145.6
176 59.3 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032363.D
Acq: 06 Oct 2025 16:39

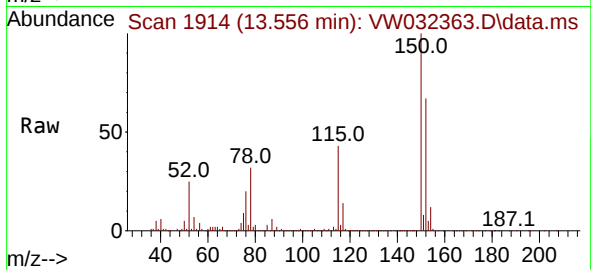
Tgt Ion: 117 Resp: 449428
Ion Ratio Lower Upper
117 100
82 55.0 42.7 64.1
119 32.6 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032363.D
 Acq: 06 Oct 2025 16:39

Instrument :
 MSVOA_W
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 EO-02-10062025



Tgt Ion:152 Resp: 225653
 Ion Ratio Lower Upper
 152 100
 115 66.1 31.8 95.4
 150 155.7 0.0 343.0

