

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032463.D
 Acq On : 17 Nov 2025 17:07
 Operator : SY/MD
 Sample : Q3647-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-212

Quant Time: Nov 18 03:07:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

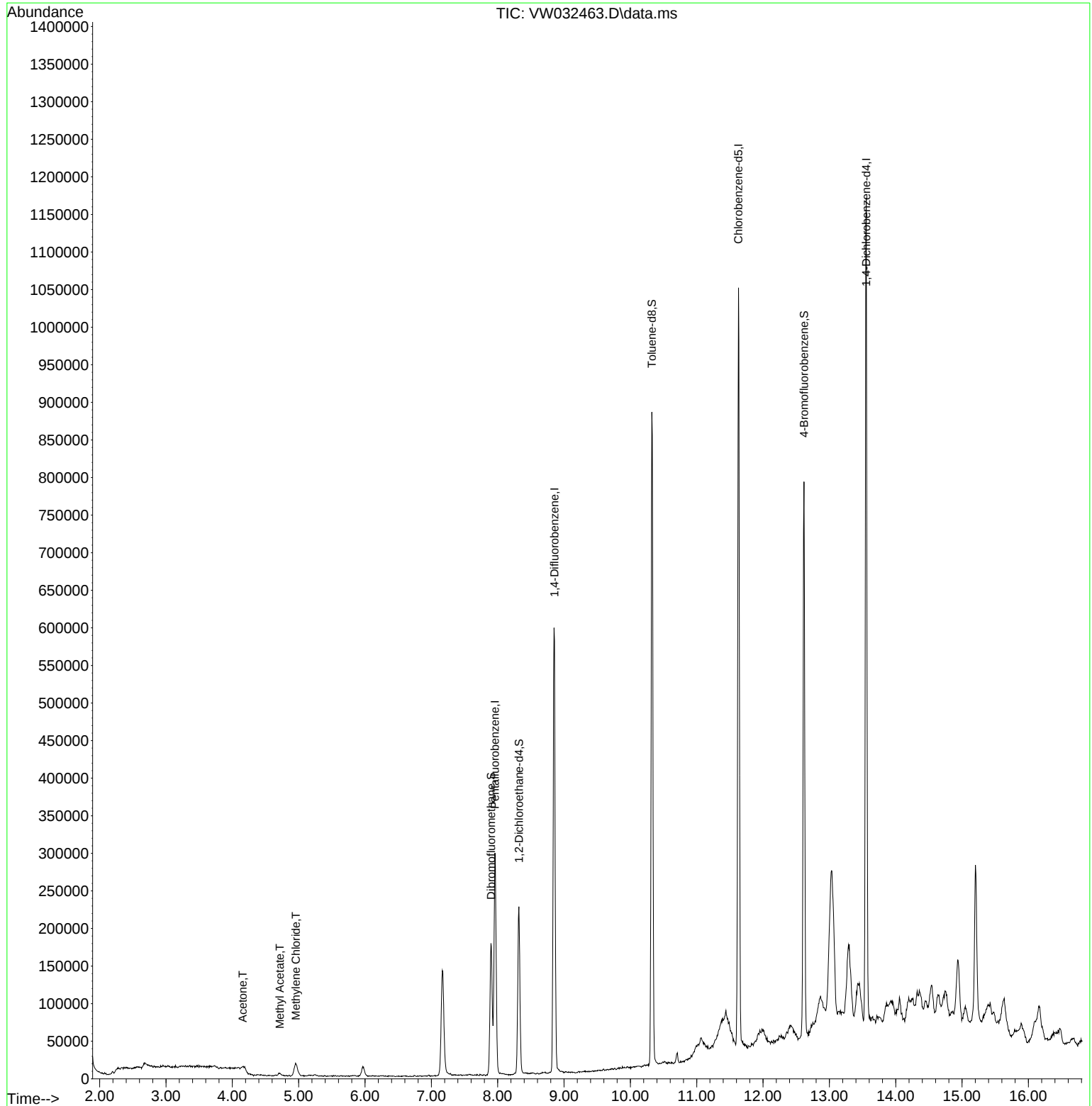
Internal Standards						
1) Pentafluorobenzene	7.959	168	203146	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	510677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	559159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	302389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	179896	68.688	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	137.380%	
35) Dibromofluoromethane	7.898	113	133034	43.510	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	87.020%	
50) Toluene-d8	10.325	98	607466	51.788	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	103.580%	
62) 4-Bromofluorobenzene	12.617	95	275514	62.178	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	124.360%	
Target Compounds						
						Qvalue
16) Acetone	4.155	43	5588	7.132	ug/l	94
18) Methyl Acetate	4.716	43	7491	3.861	ug/l	95
20) Methylene Chloride	4.960	84	15196	5.423	ug/l	95

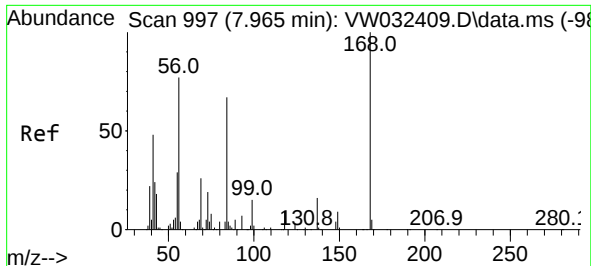
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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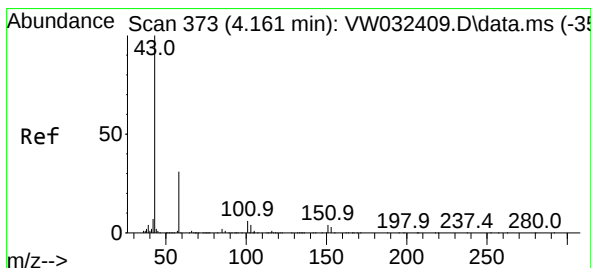
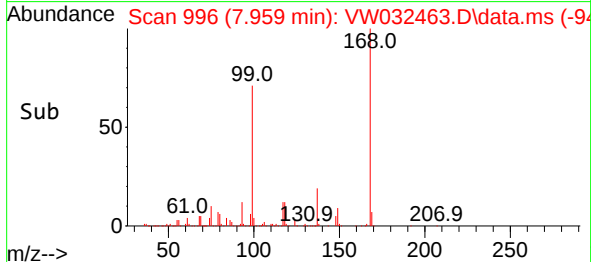
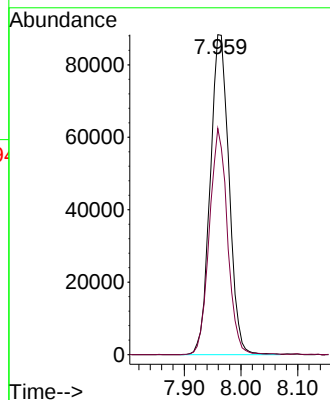
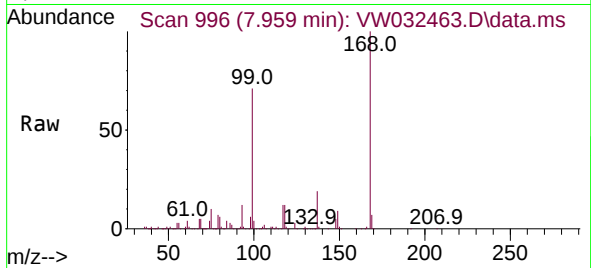




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032463.D
Acq: 17 Nov 2025 17:07

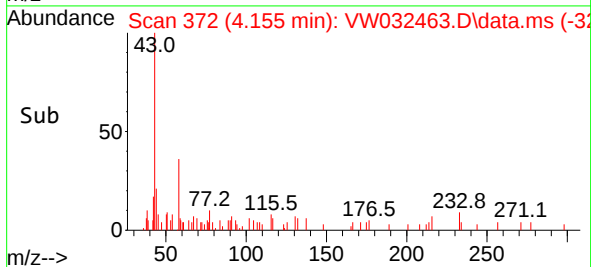
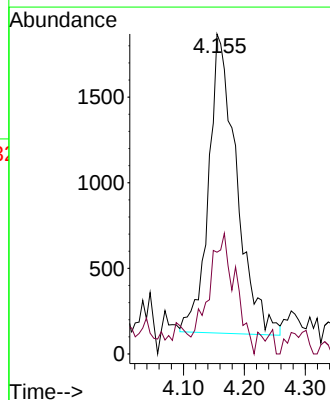
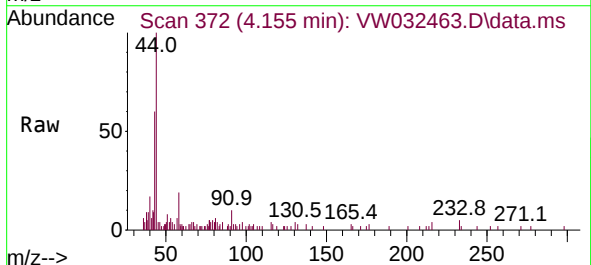
Instrument :
MSVOA_W
ClientSampleId :
VNJ-212

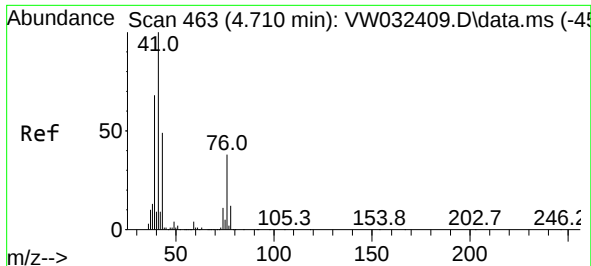
Tgt Ion:168 Resp: 203146
Ion Ratio Lower Upper
168 100
99 70.7 45.4 68.2#



#16
Acetone
Concen: 7.132 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032463.D
Acq: 17 Nov 2025 17:07

Tgt Ion: 43 Resp: 5588
Ion Ratio Lower Upper
43 100
58 34.5 24.8 37.2

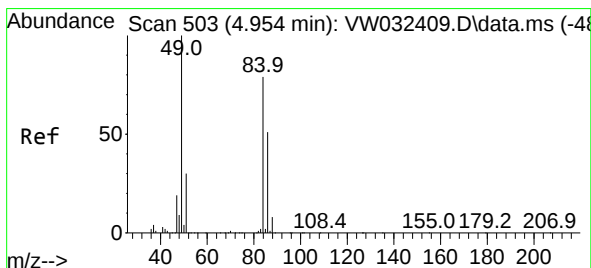
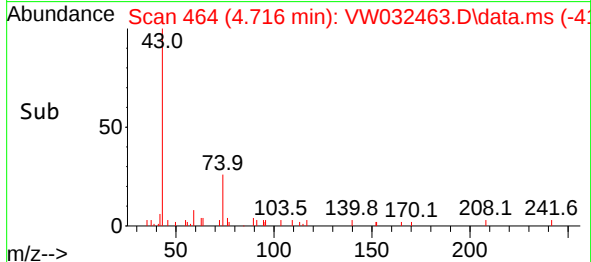
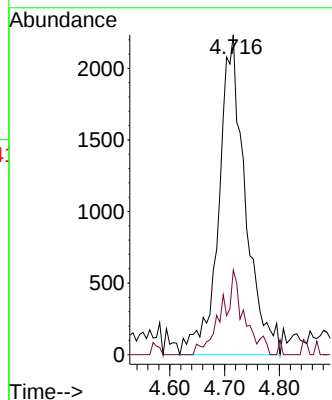
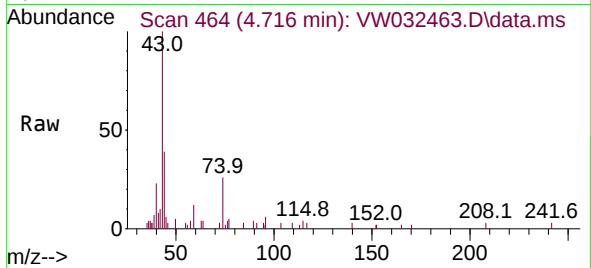




#18
Methyl Acetate
Concen: 3.861 ug/l
RT: 4.716 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032463.D
Acq: 17 Nov 2025 17:07

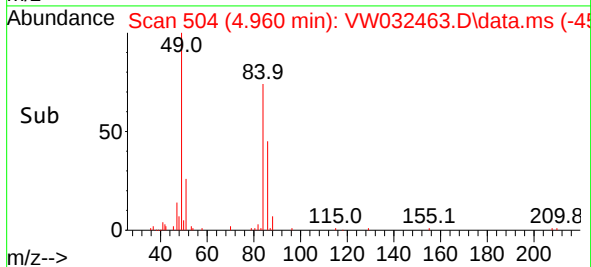
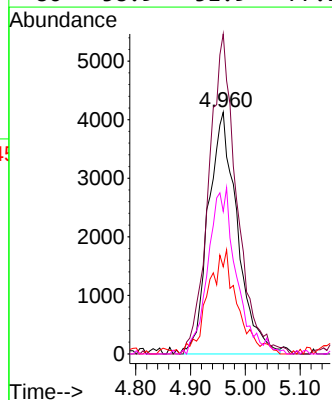
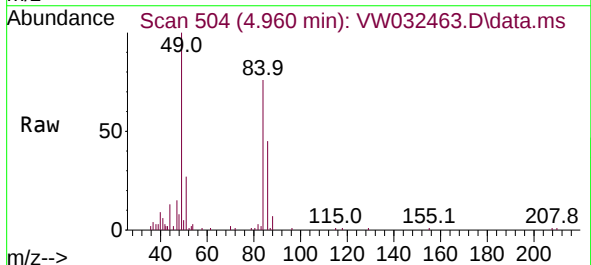
Instrument :
MSVOA_W
ClientSampleId :
VNJ-212

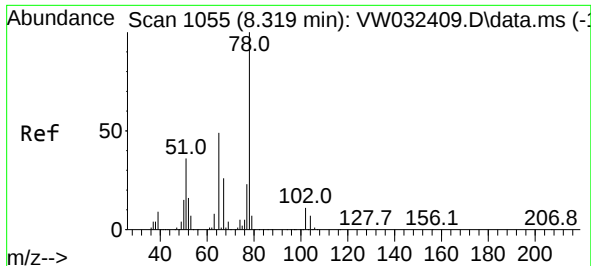
Tgt Ion: 43 Resp: 7491
Ion Ratio Lower Upper
43 100
74 21.0 18.9 28.3



#20
Methylene Chloride
Concen: 5.423 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032463.D
Acq: 17 Nov 2025 17:07

Tgt Ion: 84 Resp: 15196
Ion Ratio Lower Upper
84 100
49 132.4 101.5 152.3
51 36.0 30.6 46.0
86 58.9 51.9 77.9

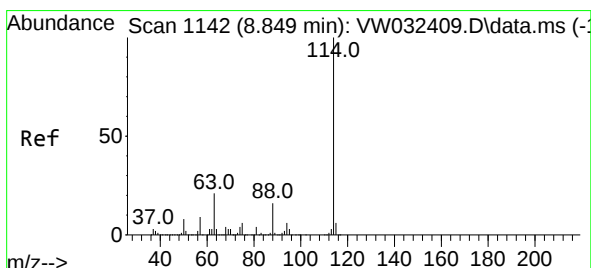
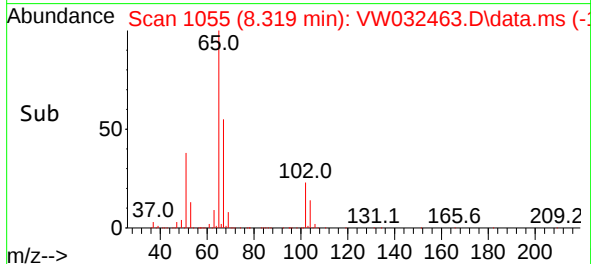
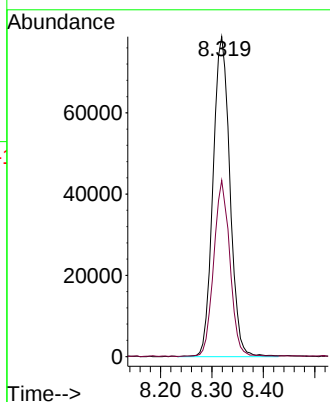
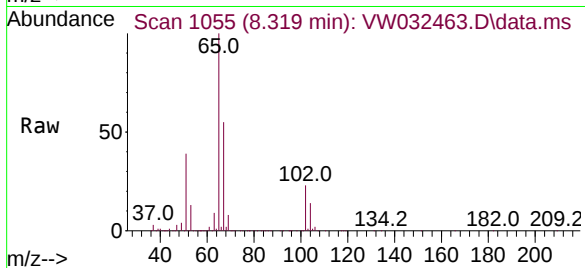




#33
 1,2-Dichloroethane-d4
 Concen: 68.688 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032463.D
 Acq: 17 Nov 2025 17:07

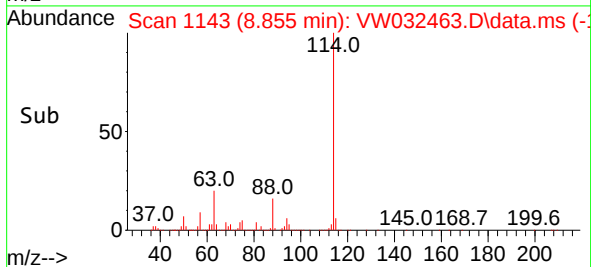
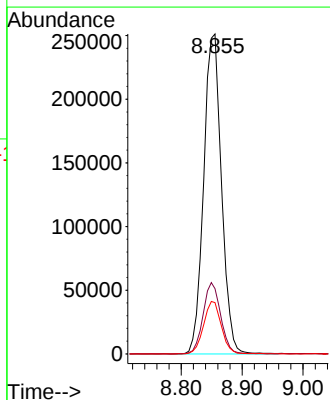
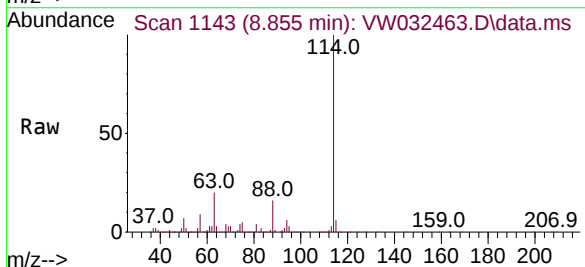
Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-212

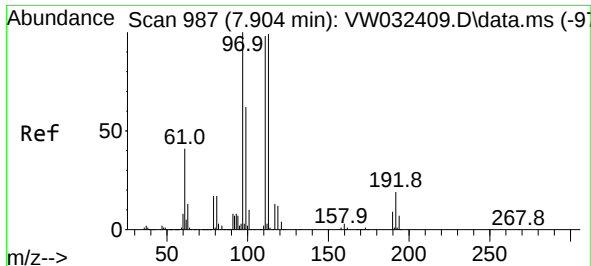
Tgt Ion: 65 Resp: 179896
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW032463.D
 Acq: 17 Nov 2025 17:07

Tgt Ion: 114 Resp: 510677
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.8
 88 16.0 0.0 32.6

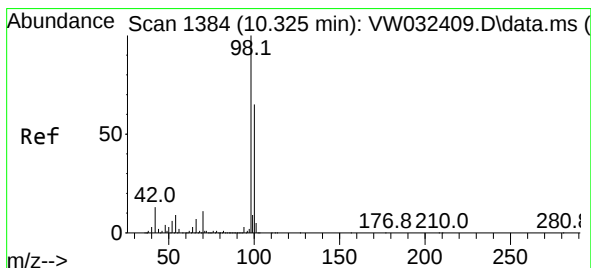
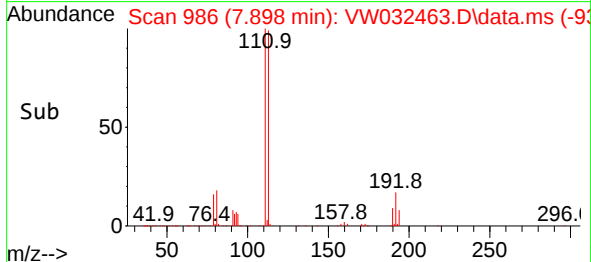
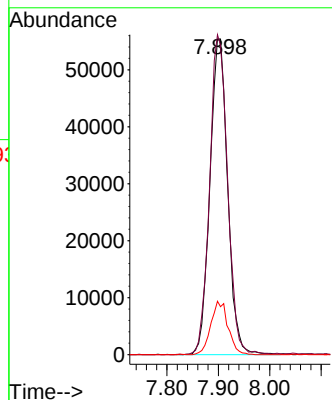
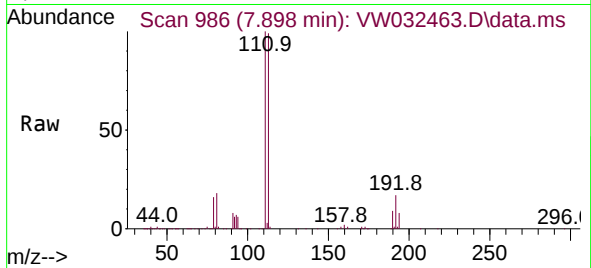




#35
Dibromofluoromethane
Concen: 43.510 ug/l
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: VW032463.D
Acq: 17 Nov 2025 17:07

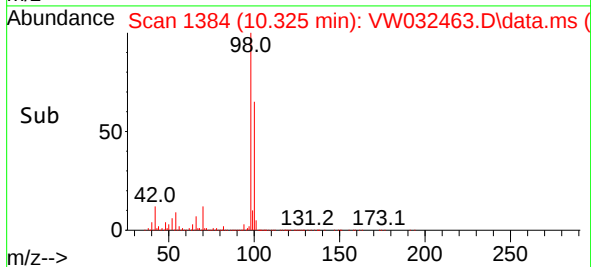
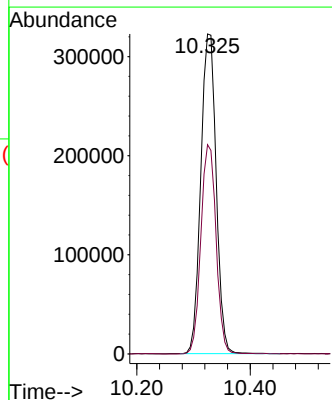
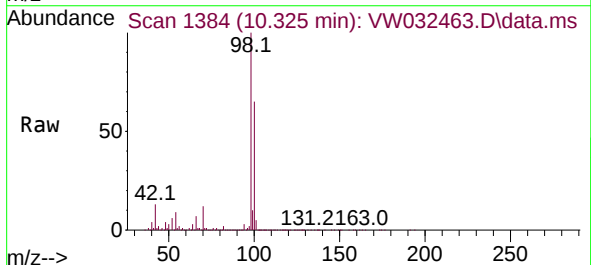
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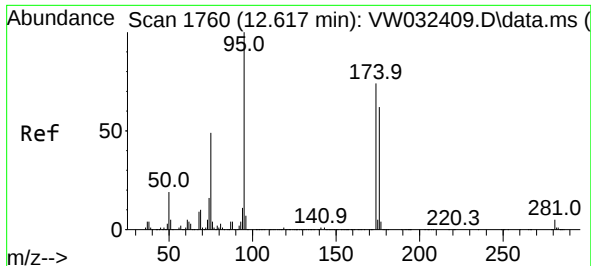
Tgt Ion:113 Resp: 133034
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 16.4 13.4 20.2



#50
Toluene-d8
Concen: 51.788 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032463.D
Acq: 17 Nov 2025 17:07

Tgt Ion: 98 Resp: 607466
Ion Ratio Lower Upper
98 100
100 64.7 53.3 79.9

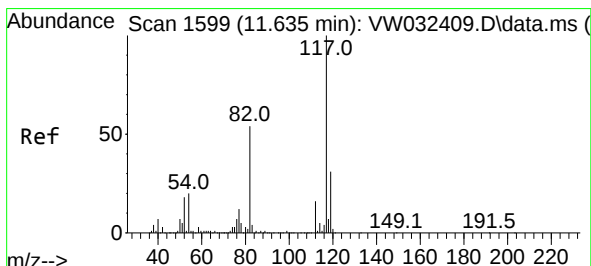
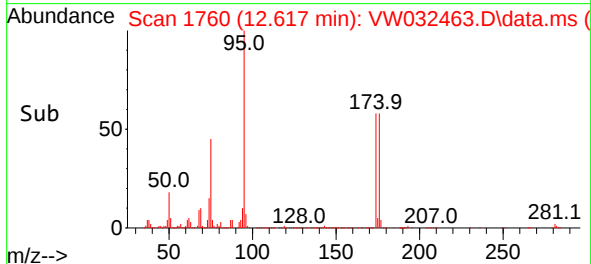
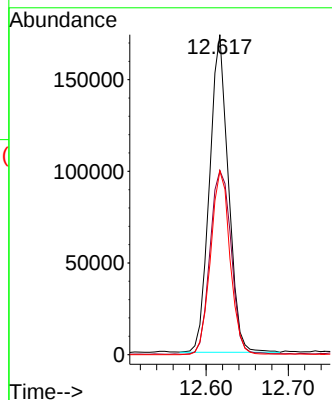
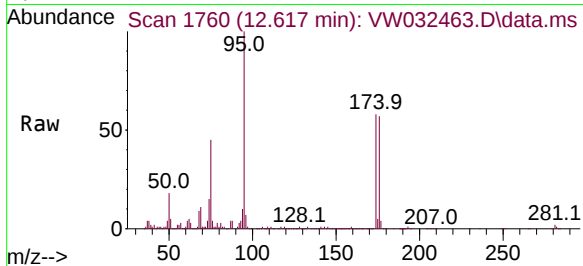




#62
4-Bromofluorobenzene
Concen: 62.178 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032463.D
Acq: 17 Nov 2025 17:07

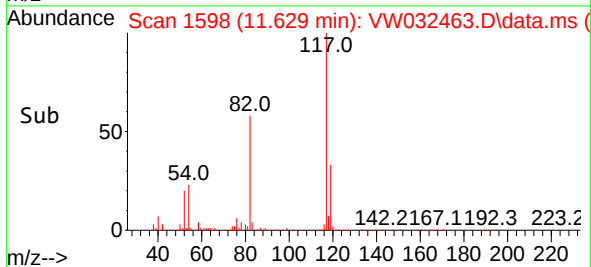
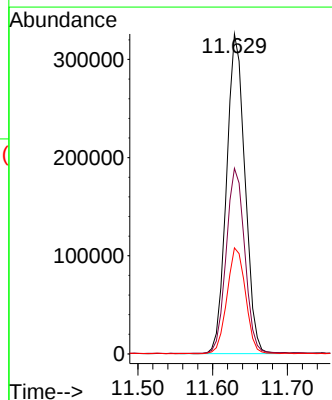
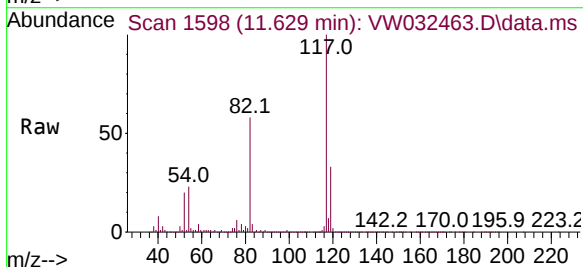
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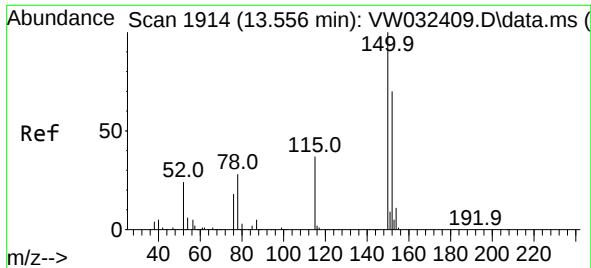
Tgt Ion: 95 Resp: 275514
Ion Ratio Lower Upper
95 100
174 65.0 0.0 135.4
176 60.1 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW032463.D
Acq: 17 Nov 2025 17:07

Tgt Ion: 117 Resp: 559159
Ion Ratio Lower Upper
117 100
82 57.8 43.0 64.4
119 33.0 25.0 37.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032463.D
 Acq: 17 Nov 2025 17:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-212

Tgt Ion:152 Resp: 302389
 Ion Ratio Lower Upper
 152 100
 115 61.6 32.8 98.3
 150 144.2 0.0 356.6

