

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032068.D
 Acq On : 11 Aug 2025 15:50
 Operator : SY/MD
 Sample : Q2823-01
 Misc : 5.27g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-081125

Quant Time: Aug 12 04:26:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

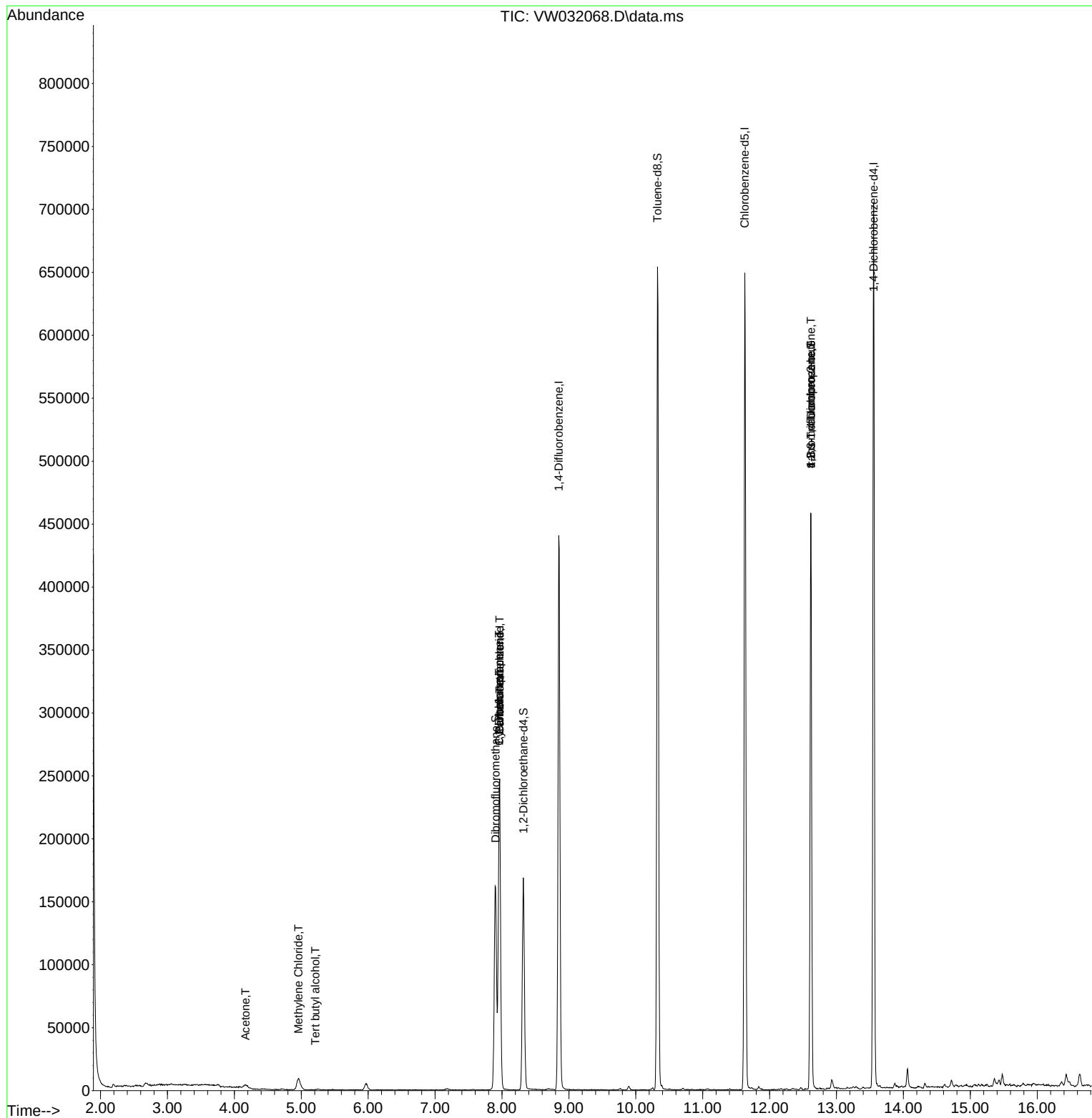
Internal Standards						
1) Pentafluorobenzene	7.965	168	167482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	373082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	349028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	174882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	137601	56.807	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 113.620%		
35) Dibromofluoromethane	7.904	113	122427	50.794	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 101.580%		
50) Toluene-d8	10.325	98	444124	49.819	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 99.640%		
62) 4-Bromofluorobenzene	12.617	95	169518	51.600	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 103.200%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.210	59	213	1.358	ug/l #	71
16) Acetone	4.167	43	3906	6.965	ug/l	95
20) Methylene Chloride	4.960	84	8386	3.234	ug/l	98
31) Cyclohexane	7.959	56	4124	1.195	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	16232	4.777	ug/l #	49
38) Carbon Tetrachloride	7.965	117	19388	5.913	ug/l #	20
76) 1,2,3-Trichloropropane	12.617	75	85539	36.038	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	85539	93.300	ug/l #	9

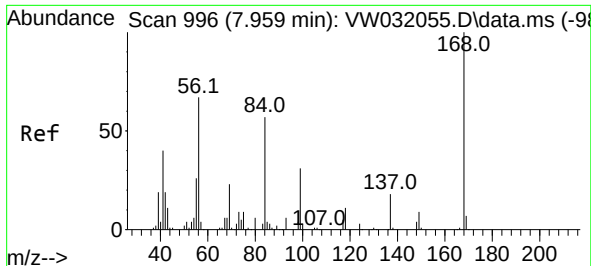
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
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Misc : 5.27g/5mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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Quant Time: Aug 12 04:26:58 2025
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Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
Response via : Initial Calibration

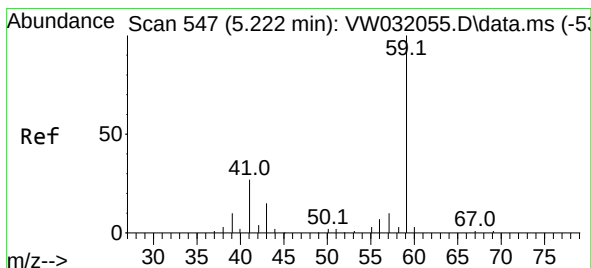
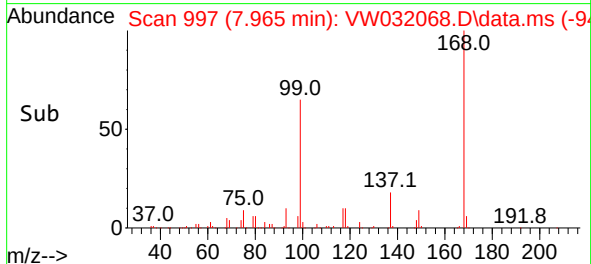
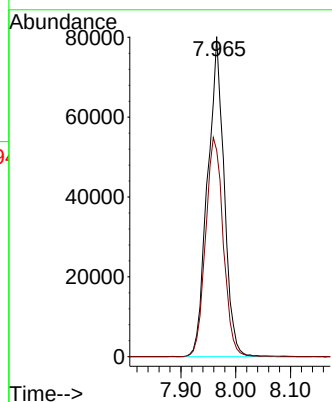
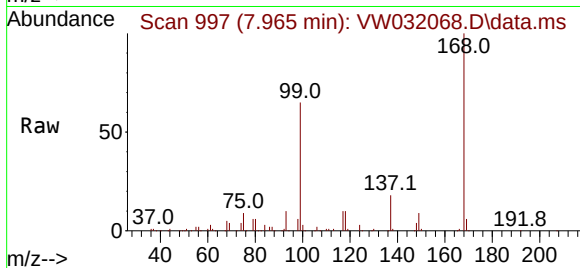




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

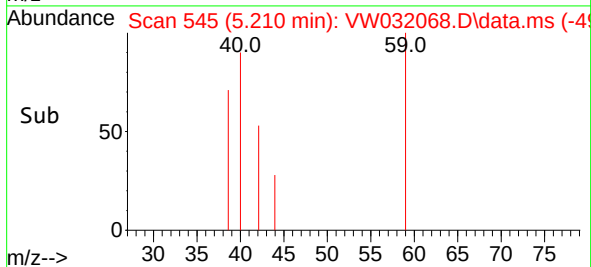
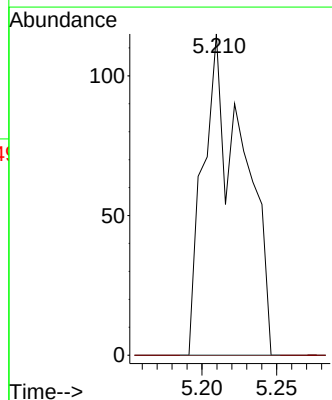
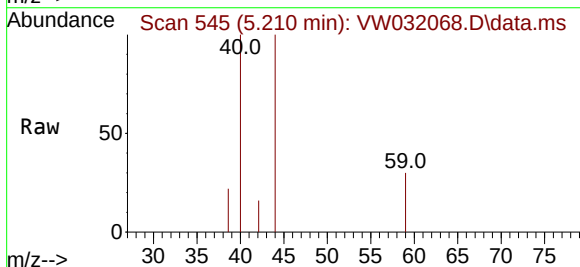
Instrument :
MSVOA_W
ClientSampleId :
SU-04-081125

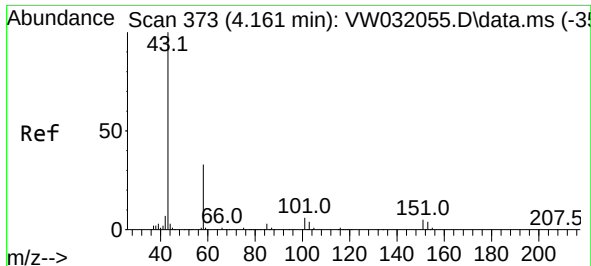
Tgt Ion:168 Resp: 167482
Ion Ratio Lower Upper
168 100
99 64.5 56.0 84.0



#11
Tert butyl alcohol
Concen: 1.358 ug/l
RT: 5.210 min Scan# 545
Delta R.T. -0.012 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

Tgt Ion: 59 Resp: 213
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

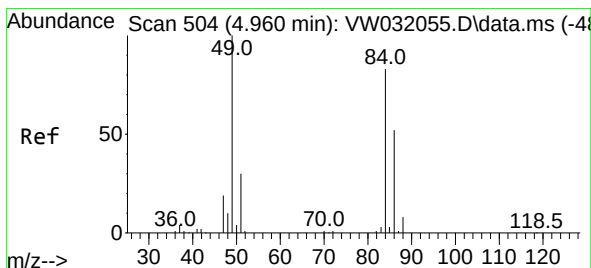
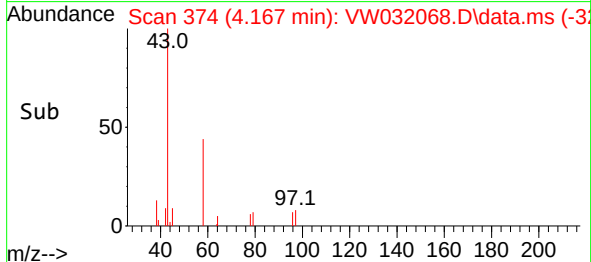
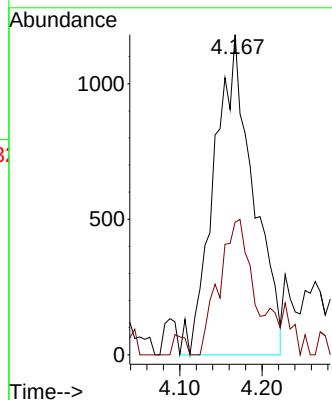
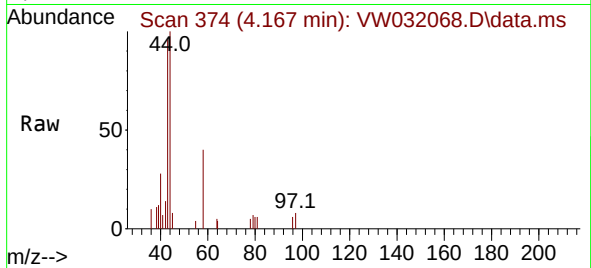




#16
Acetone
Concen: 6.965 ug/l
RT: 4.167 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

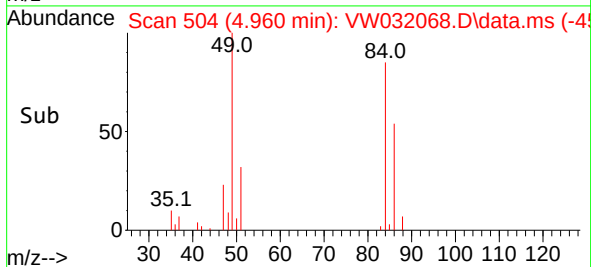
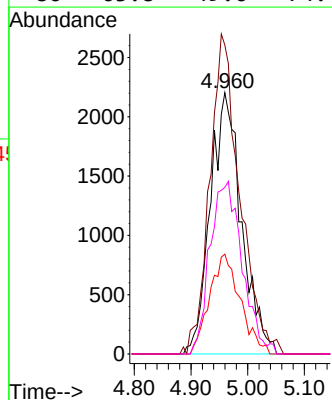
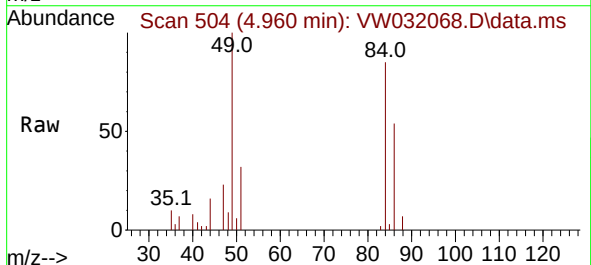
Instrument :
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ClientSampleId :
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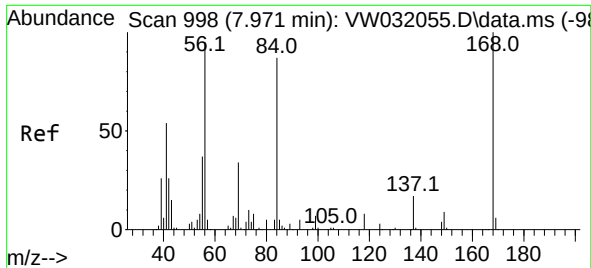
Tgt Ion: 43 Resp: 3906
Ion Ratio Lower Upper
43 100
58 35.8 26.6 39.8



#20
Methylene Chloride
Concen: 3.234 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

Tgt Ion: 84 Resp: 8386
Ion Ratio Lower Upper
84 100
49 118.1 95.9 143.9
51 38.2 28.6 43.0
86 63.8 49.6 74.4

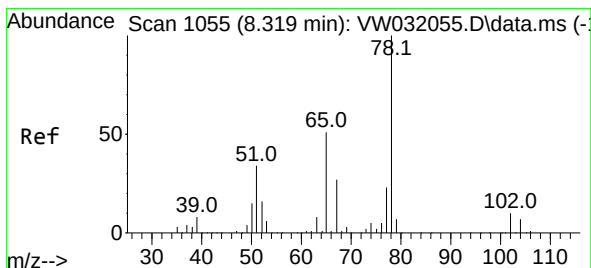
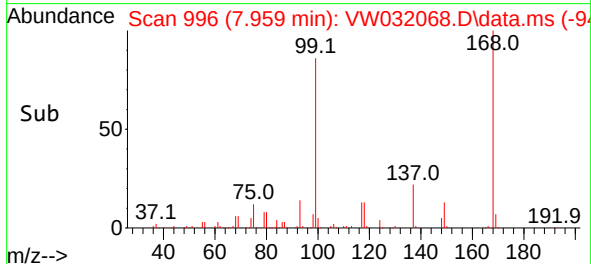
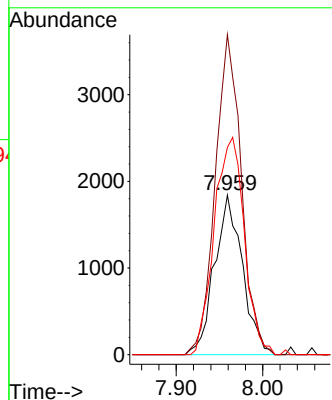
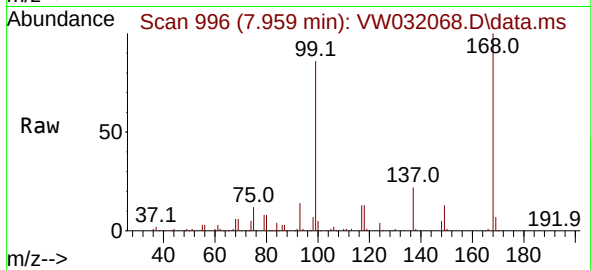




#31
Cyclohexane
Concen: 1.195 ug/l
RT: 7.959 min Scan# 998
Delta R.T. -0.012 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

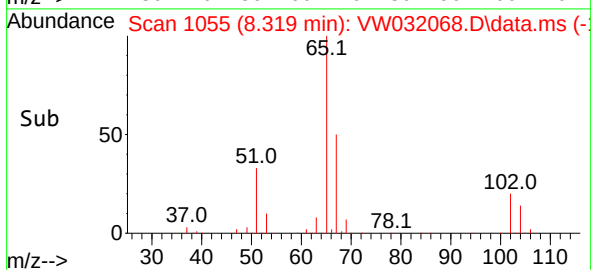
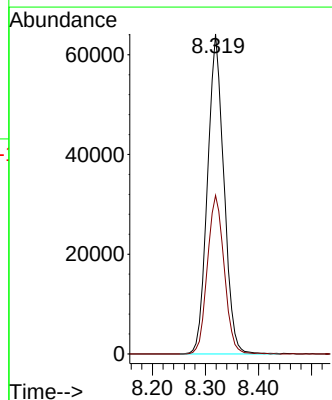
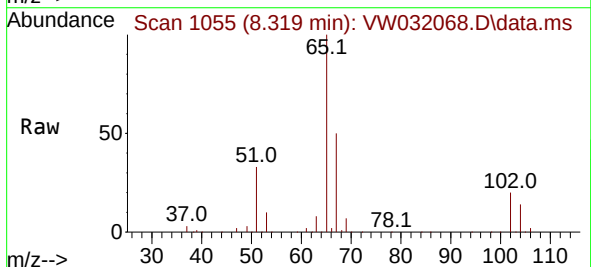
Instrument :
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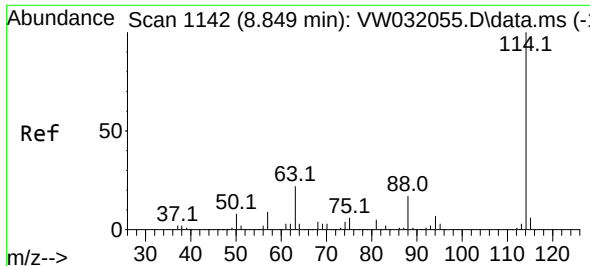
Tgt Ion: 56 Resp: 4124
Ion Ratio Lower Upper
56 100
69 200.6 28.6 42.8#
84 130.0 73.0 109.4#



#33
1,2-Dichloroethane-d4
Concen: 56.807 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

Tgt Ion: 65 Resp: 137601
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.4

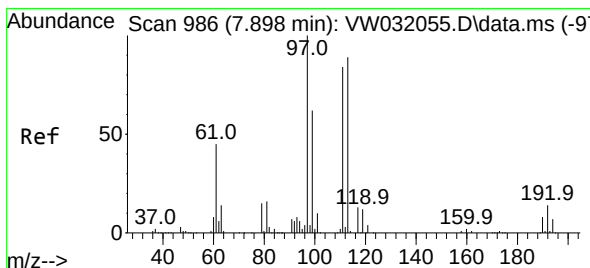
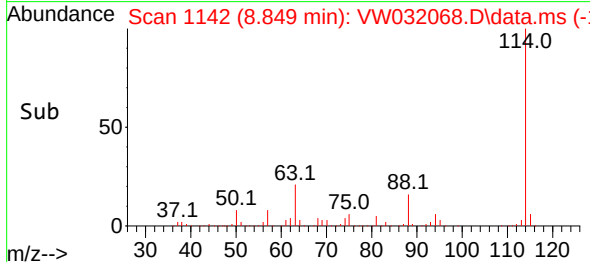
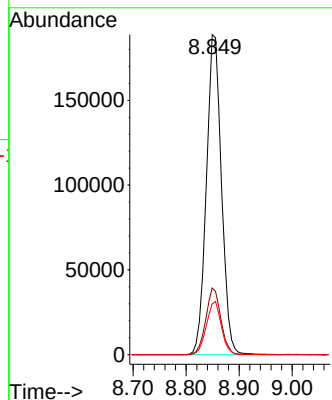
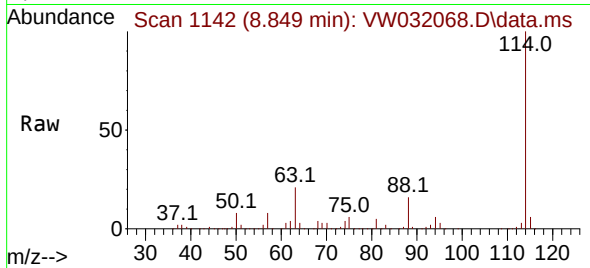




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

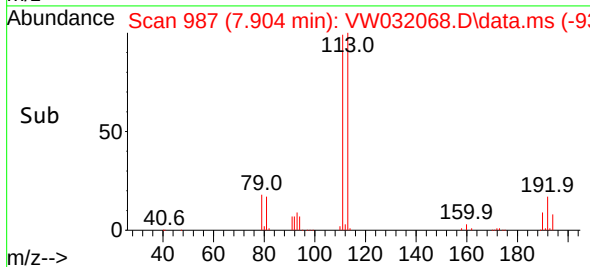
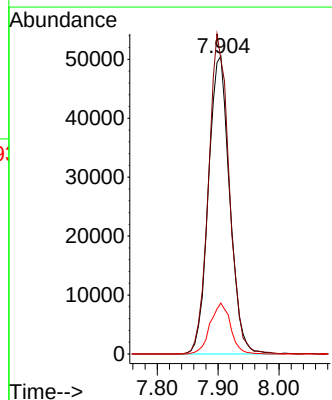
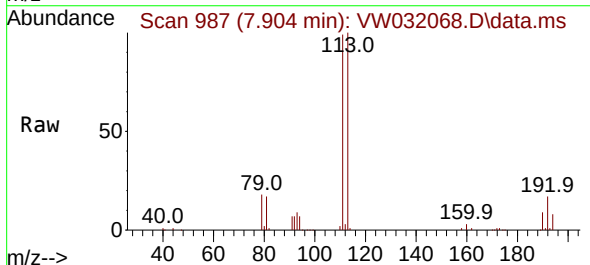
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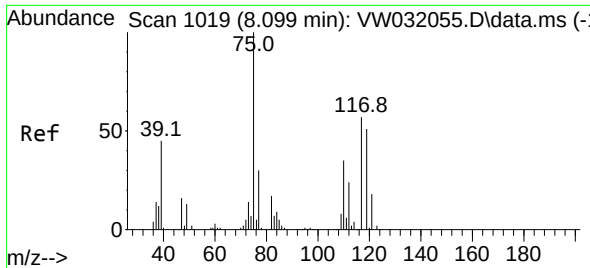
Tgt Ion:114 Resp: 373082
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.0
88 15.9 0.0 33.8



#35
Dibromofluoromethane
Concen: 50.794 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.006 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

Tgt Ion:113 Resp: 122427
Ion Ratio Lower Upper
113 100
111 104.8 80.1 120.1
192 16.4 13.1 19.7

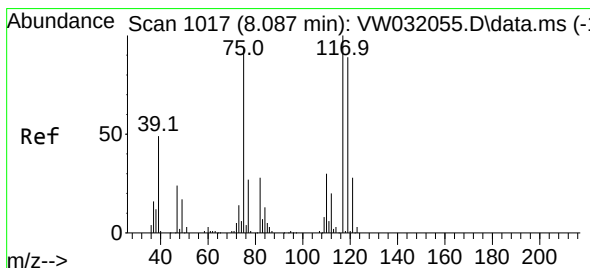
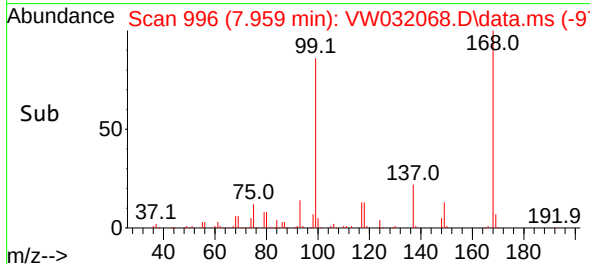
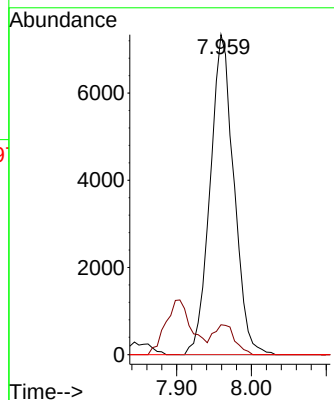
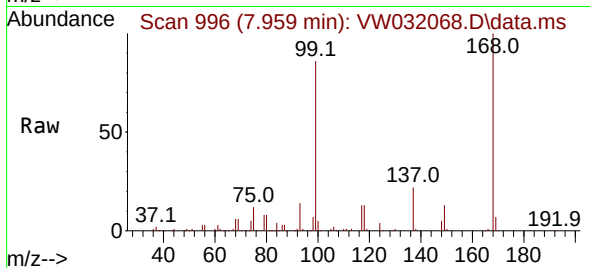




#36
 1,1-Dichloropropene
 Concen: 4.777 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.140 min
 Lab File: VW032068.D
 Acq: 11 Aug 2025 15:50

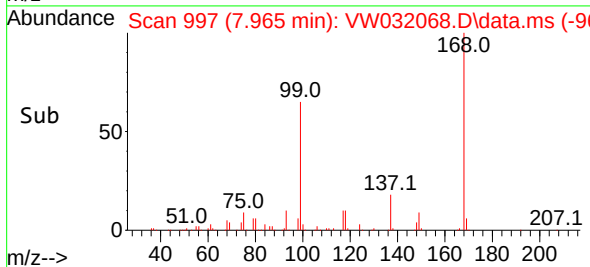
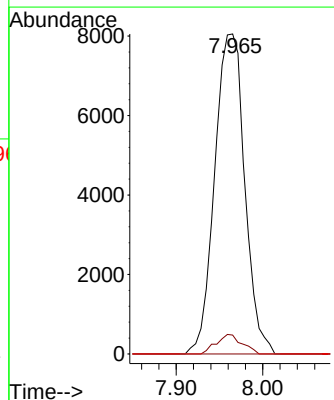
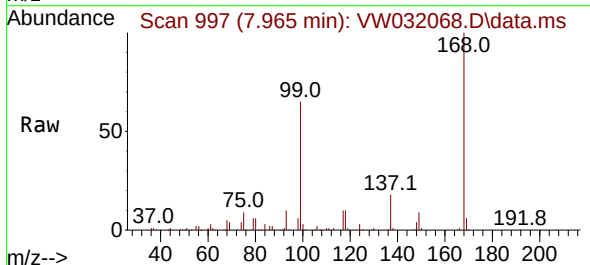
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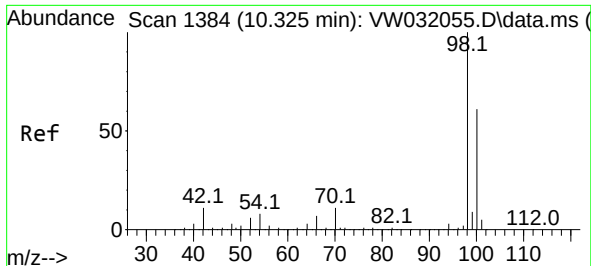
Tgt Ion: 75 Resp: 16232
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.4 52.2#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.913 ug/l
 RT: 7.965 min Scan# 997
 Delta R.T. -0.122 min
 Lab File: VW032068.D
 Acq: 11 Aug 2025 15:50

Tgt Ion: 117 Resp: 19388
 Ion Ratio Lower Upper
 117 100
 119 5.9 71.4 107.2#
 121 0.0 22.3 33.5#

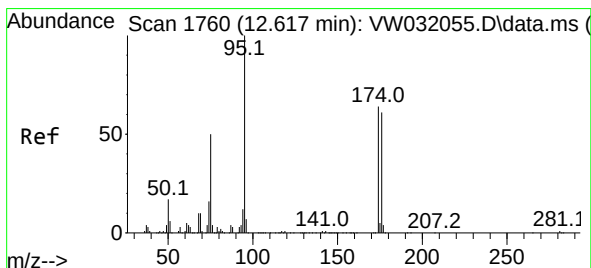
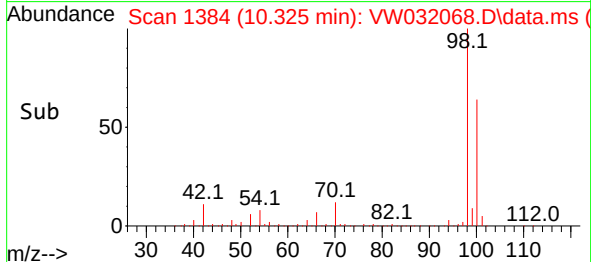
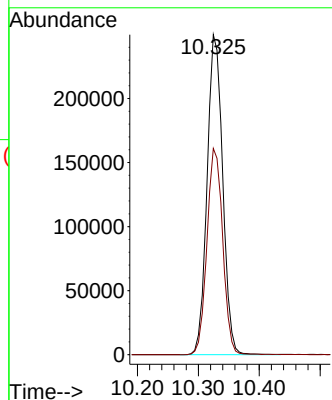
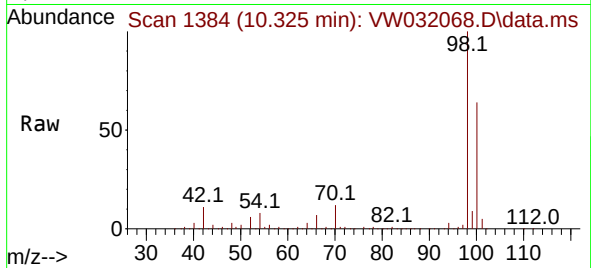




#50
Toluene-d8
Concen: 49.819 ug/l
RT: 10.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

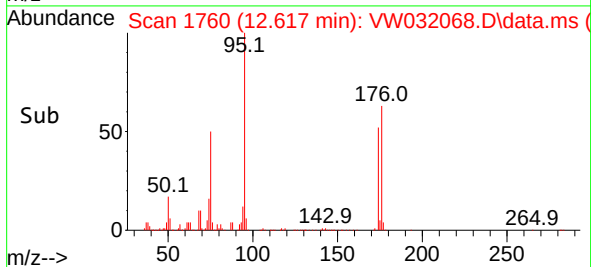
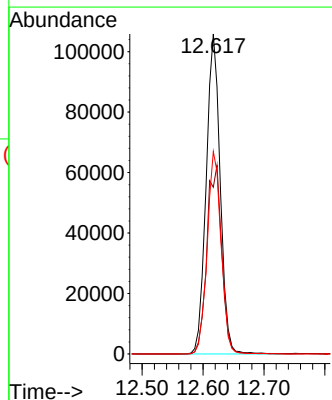
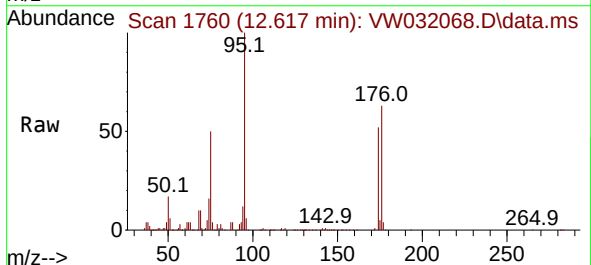
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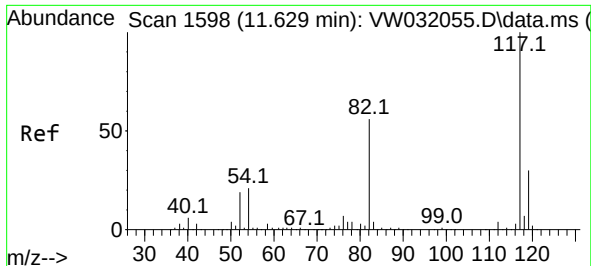
Tgt Ion: 98 Resp: 444124
Ion Ratio Lower Upper
98 100
100 65.1 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 51.600 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

Tgt Ion: 95 Resp: 169518
Ion Ratio Lower Upper
95 100
174 62.7 0.0 129.0
176 62.6 0.0 124.6

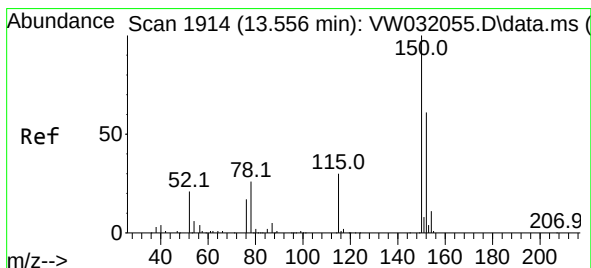
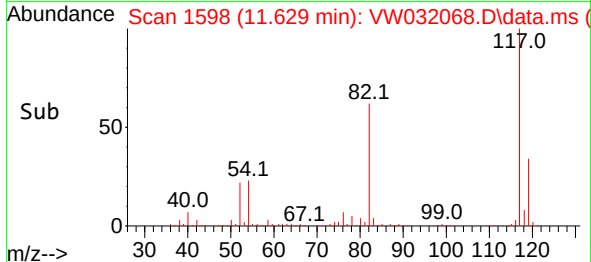
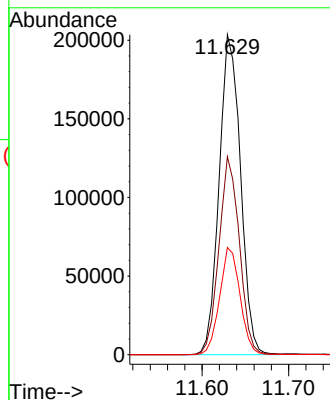
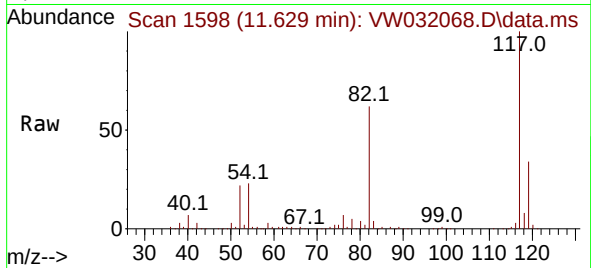




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. -0.000 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

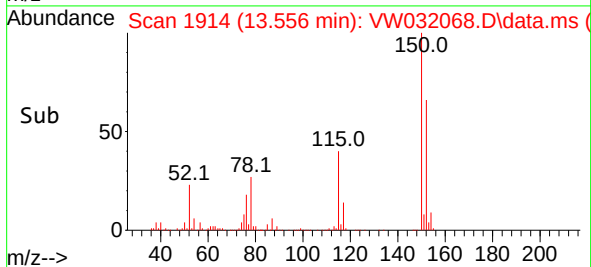
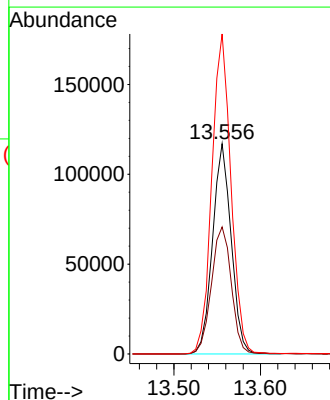
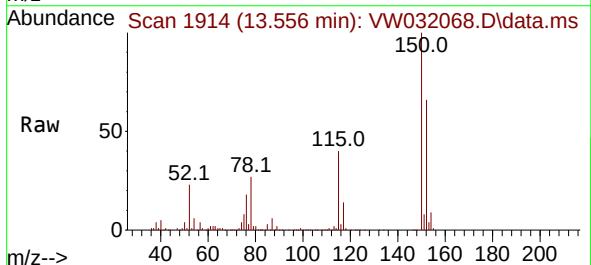
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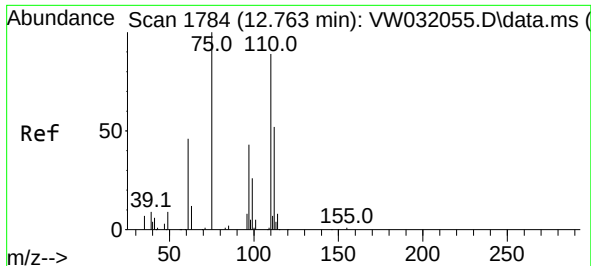
Tgt Ion:117 Resp: 349028
Ion Ratio Lower Upper
117 100
82 61.9 45.0 67.4
119 33.5 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

Tgt Ion:152 Resp: 174882
Ion Ratio Lower Upper
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115 64.6 32.6 97.8
150 156.2 0.0 359.4

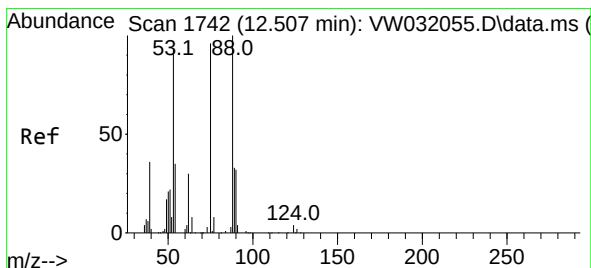
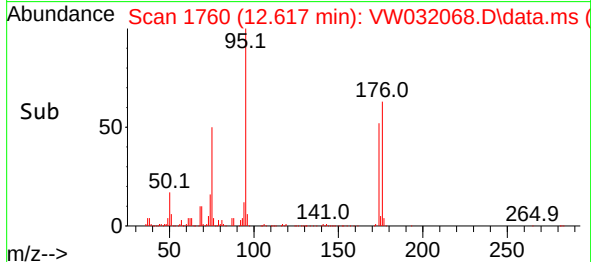
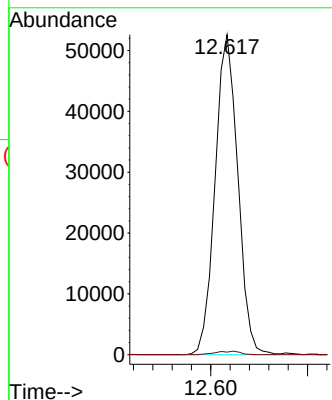
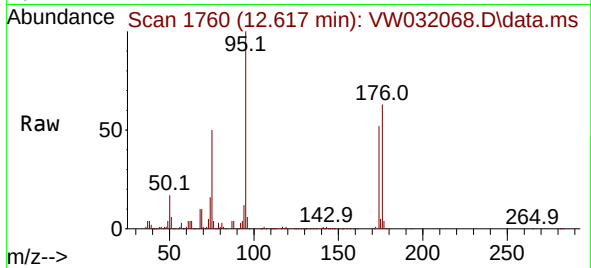




#76
1,2,3-Trichloropropane
Concen: 36.038 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

Instrument :
MSVOA_W
ClientSampleId :
SU-04-081125

Tgt Ion: 75 Resp: 85539
Ion Ratio Lower Upper
75 100
77 1.2 123.5 370.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.300 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

Tgt Ion: 75 Resp: 85539
Ion Ratio Lower Upper
75 100
53 0.1 81.0 121.6#
89 0.0 37.3 55.9#

