

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070125\
 Data File : VW031739.D
 Acq On : 01 Jul 2025 10:36
 Operator : SY/MD
 Sample : VW0701SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBL01

Quant Time: Jul 02 03:52:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 02 03:49:43 2025
 Response via : Initial Calibration

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

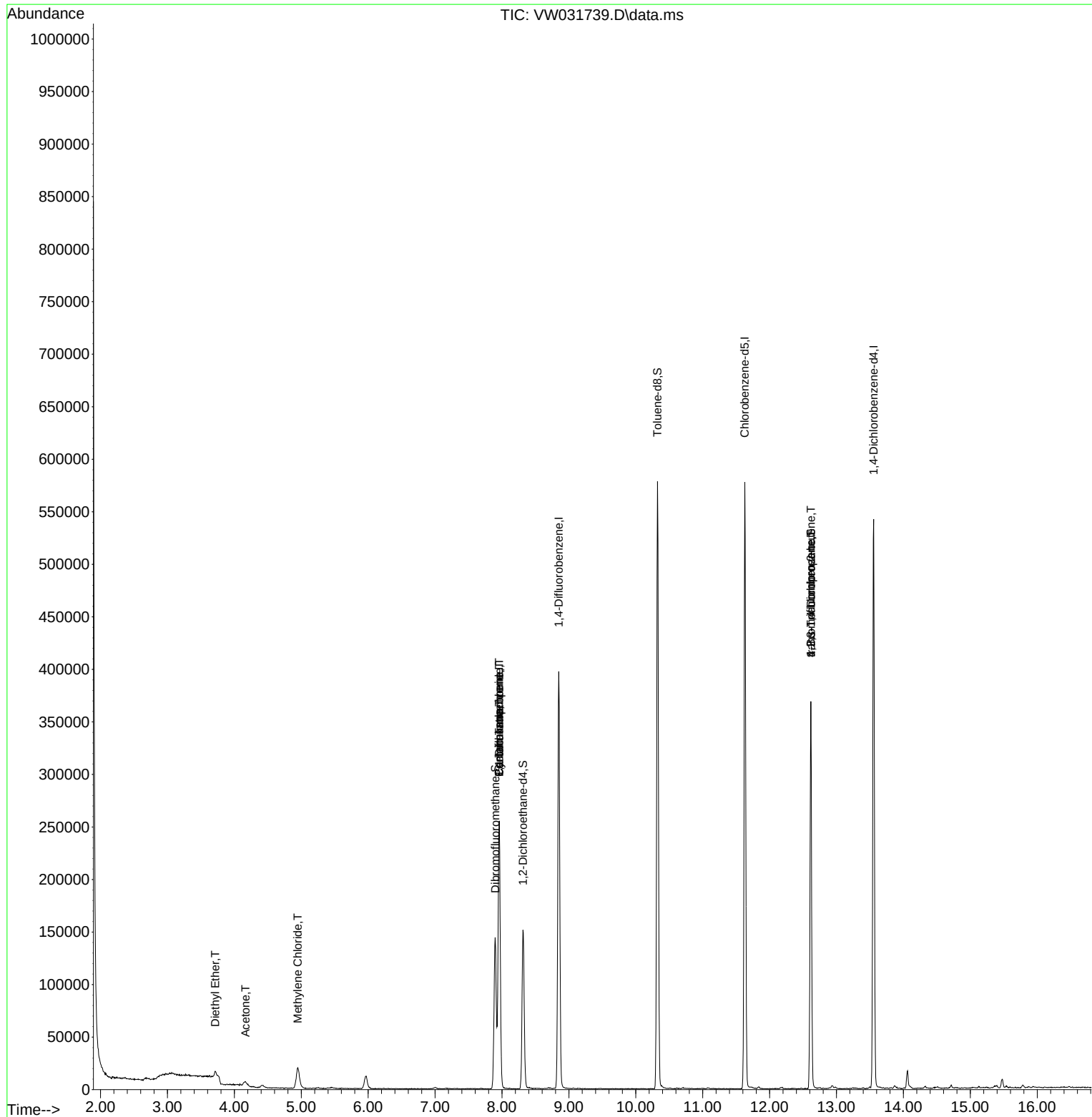
Internal Standards						
1) Pentafluorobenzene	7.959	168	174593	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	331136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	300155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	139333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	129160	51.548	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 103.100%		
35) Dibromofluoromethane	7.898	113	106584	49.326	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 98.660%		
50) Toluene-d8	10.325	98	383484	47.690	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 95.380%		
62) 4-Bromofluorobenzene	12.617	95	127760	43.174	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 86.340%		
Target Compounds						
						Qvalue
8) Diethyl Ether	3.716	74	2626	2.020	ug/l	69
16) Acetone	4.167	43	8914	14.393	ug/l	93
20) Methylene Chloride	4.947	84	16841	2.642	ug/l #	92
31) Cyclohexane	7.959	56	4633	1.299	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	16410	5.248	ug/l #	49
38) Carbon Tetrachloride	7.959	117	20507	6.436	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	67973	37.751	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	67973	87.928	ug/l #	8

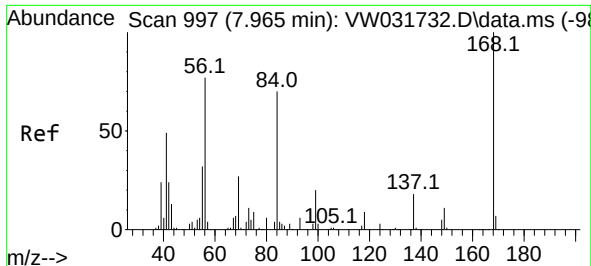
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070125\
Data File : VW031739.D
Acq On : 01 Jul 2025 10:36
Operator : SY/MD
Sample : VW0701SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0701SBL01

Quant Time: Jul 02 03:52:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 02 03:49:43 2025
Response via : Initial Calibration

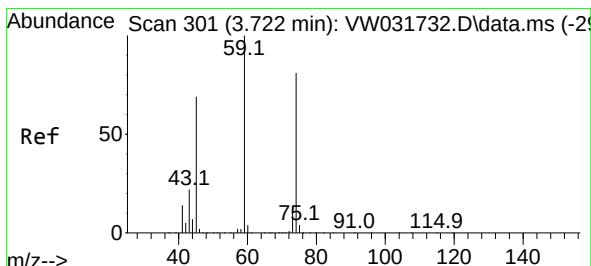
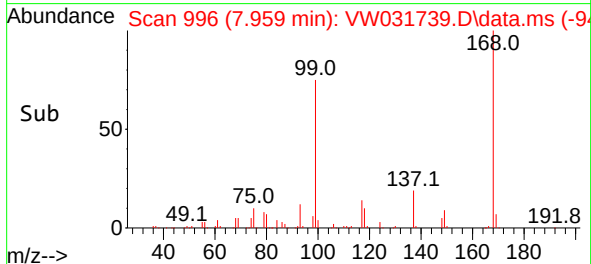
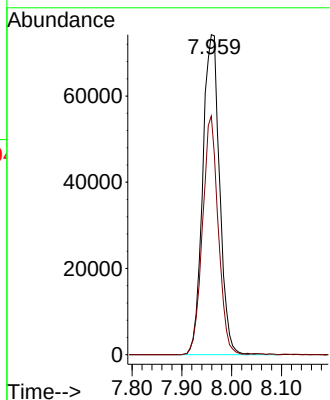
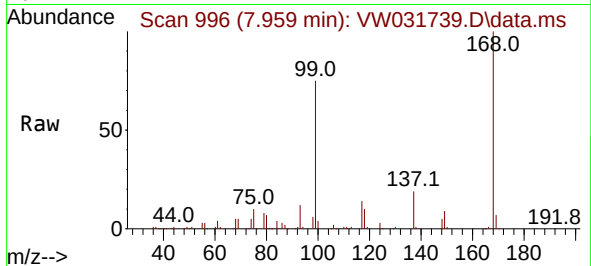




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031739.D
Acq: 01 Jul 2025 10:36

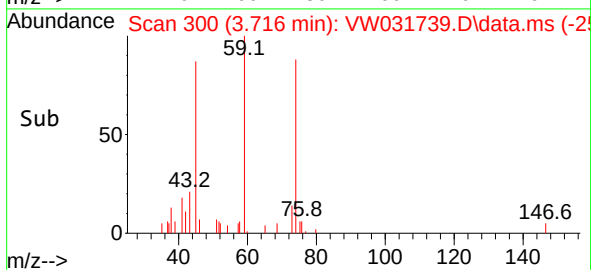
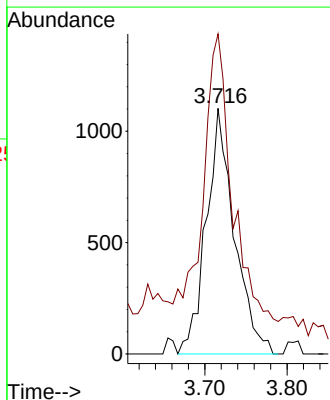
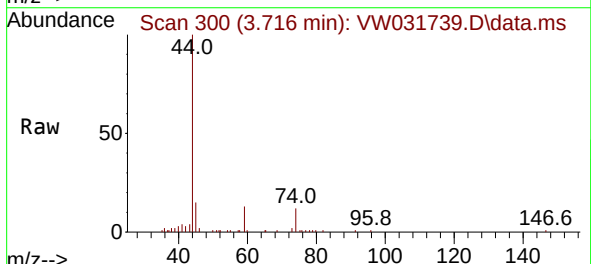
Instrument :
MSVOA_W
ClientSampleId :
VW0701SBL01

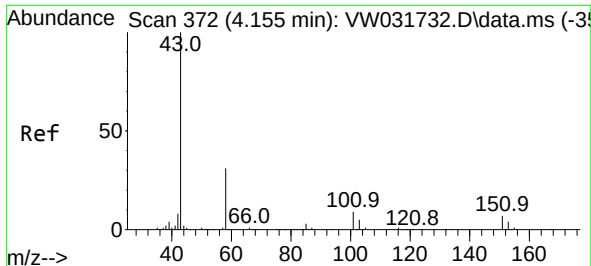
Tgt Ion:168 Resp: 174593
Ion Ratio Lower Upper
168 100
99 74.6 49.4 74.2#



#8
Diethyl Ether
Concen: 2.020 ug/l
RT: 3.716 min Scan# 300
Delta R.T. -0.006 min
Lab File: VW031739.D
Acq: 01 Jul 2025 10:36

Tgt Ion: 74 Resp: 2626
Ion Ratio Lower Upper
74 100
45 117.1 43.9 131.7

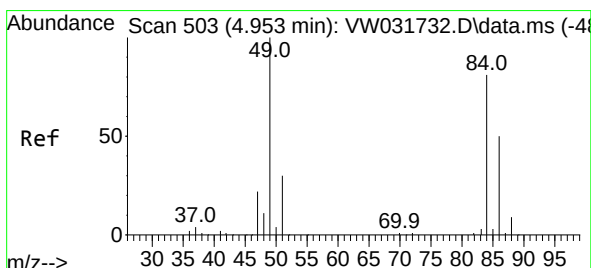
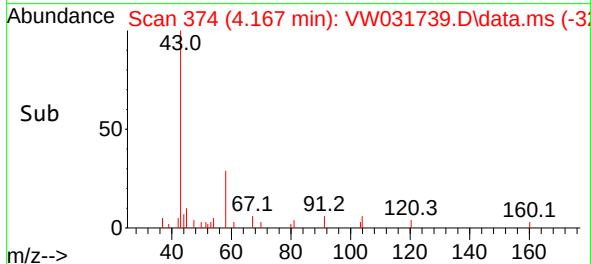
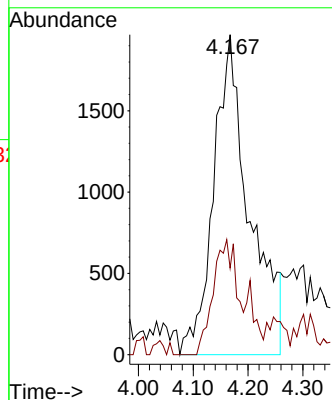
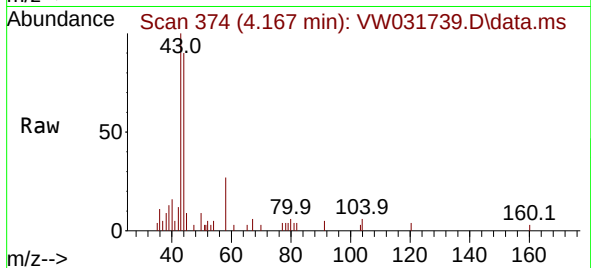




#16
Acetone
Concen: 14.393 ug/l
RT: 4.167 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW031739.D
Acq: 01 Jul 2025 10:36

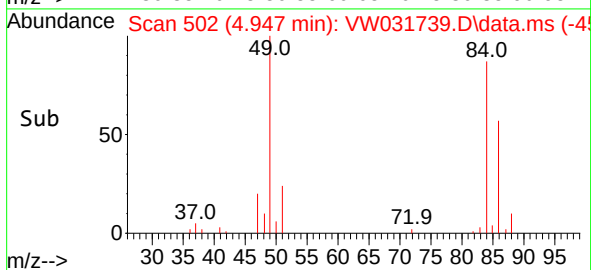
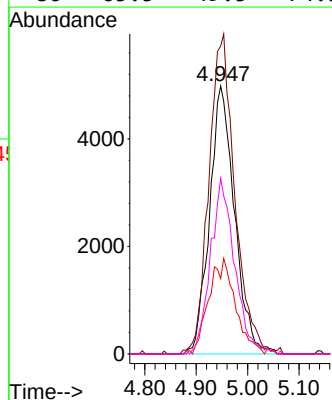
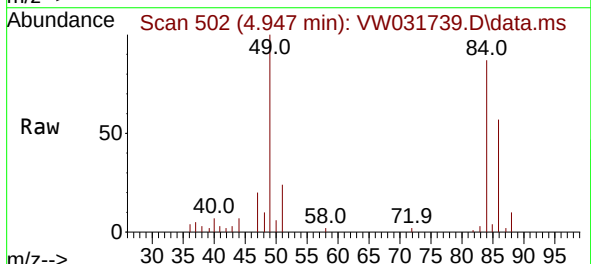
Instrument :
MSVOA_W
ClientSampleId :
VW0701SBL01

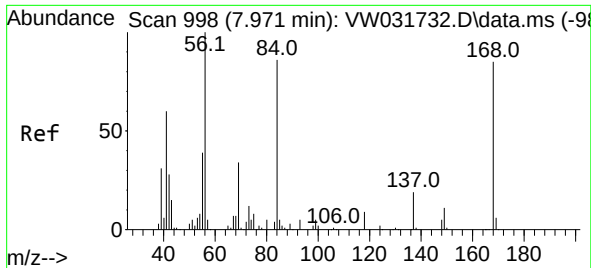
Tgt Ion: 43 Resp: 8914
Ion Ratio Lower Upper
43 100
58 27.0 24.8 37.2



#20
Methylene Chloride
Concen: 2.642 ug/l
RT: 4.947 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW031739.D
Acq: 01 Jul 2025 10:36

Tgt Ion: 84 Resp: 16841
Ion Ratio Lower Upper
84 100
49 114.8 98.2 147.4
51 28.1 29.8 44.8#
86 65.5 49.5 74.3

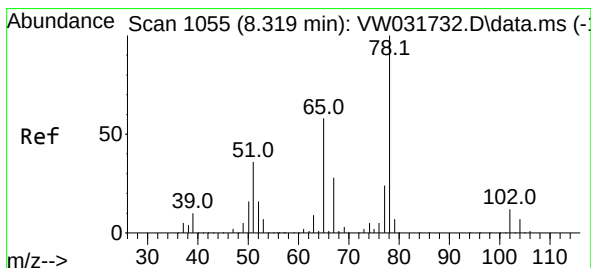
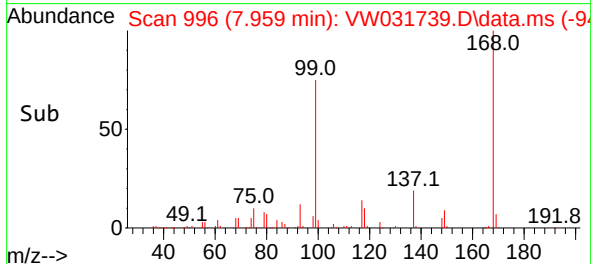
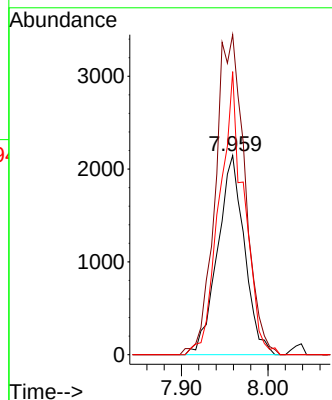
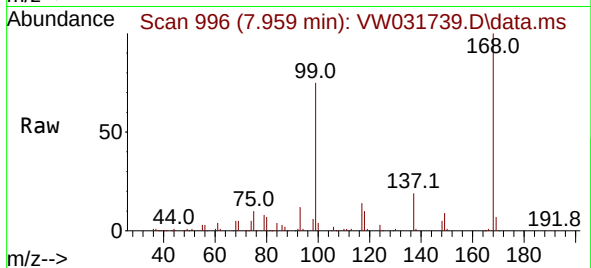




#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031739.D
Acq: 01 Jul 2025 10:36

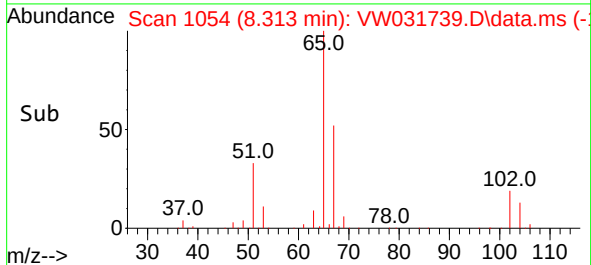
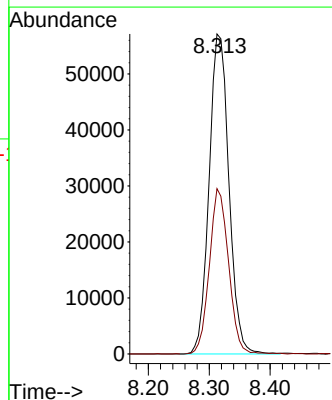
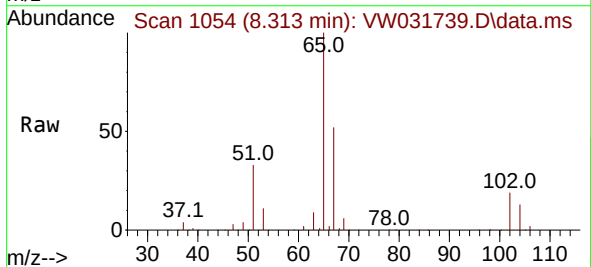
Instrument :
MSVOA_W
ClientSampleId :
VW0701SBL01

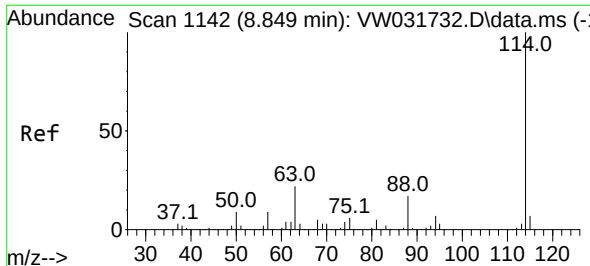
Tgt Ion: 56 Resp: 4633
Ion Ratio Lower Upper
56 100
69 160.6 27.2 40.8#
84 142.1 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 51.548 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW031739.D
Acq: 01 Jul 2025 10:36

Tgt Ion: 65 Resp: 129160
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.4

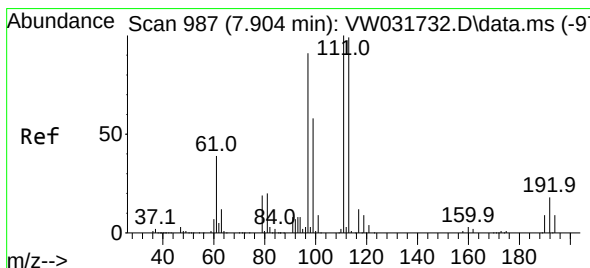
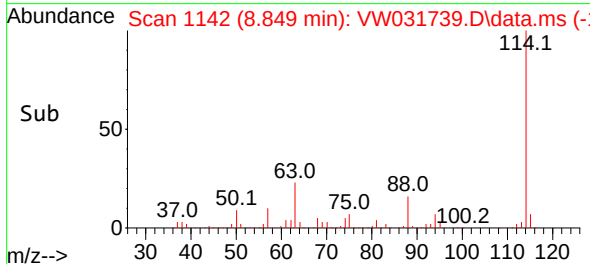
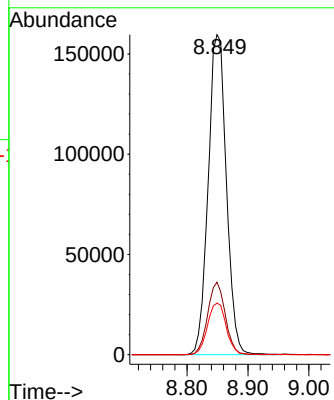
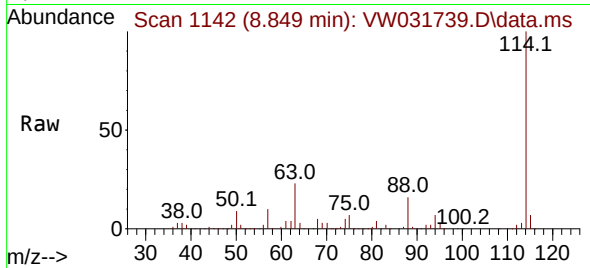




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW031739.D
Acq: 01 Jul 2025 10:36

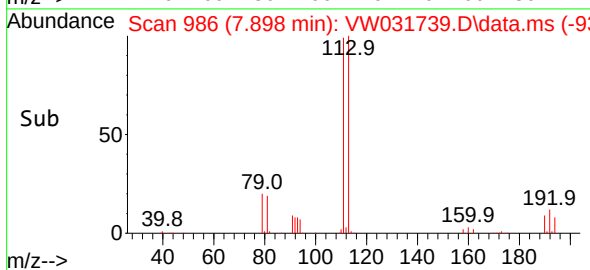
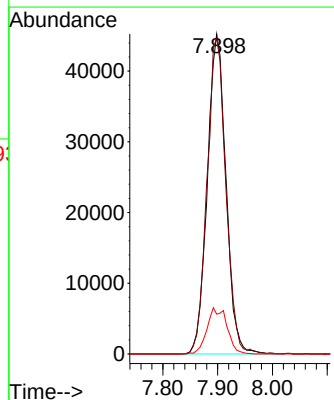
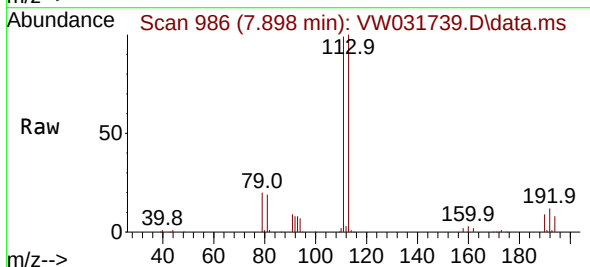
Instrument :
MSVOA_W
ClientSampleId :
VW0701SBL01

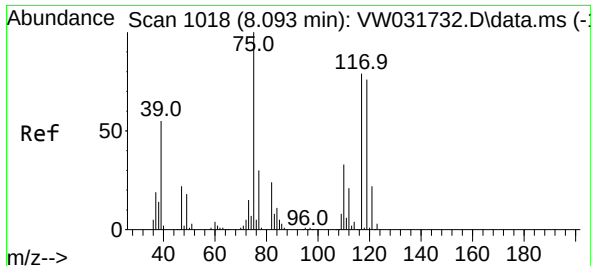
Tgt Ion:114 Resp: 331136
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.6
88 16.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.326 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031739.D
Acq: 01 Jul 2025 10:36

Tgt Ion:113 Resp: 106584
Ion Ratio Lower Upper
113 100
111 99.9 82.1 123.1
192 15.5 13.8 20.6

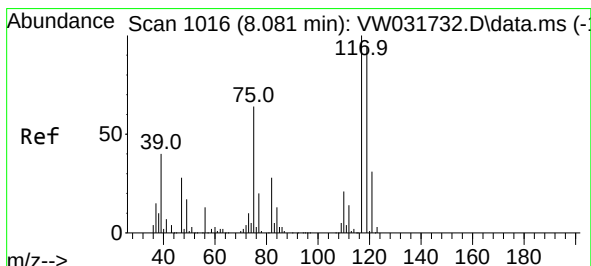
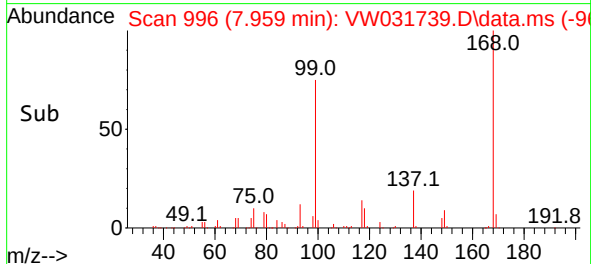
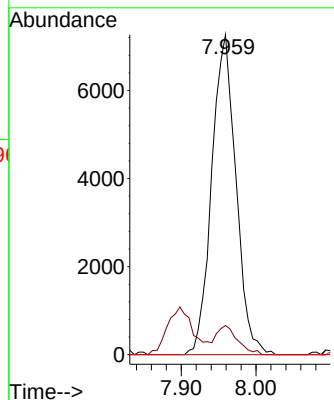
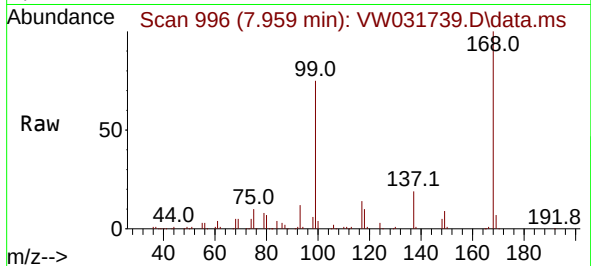




#36
 1,1-Dichloropropene
 Concen: 5.248 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.134 min
 Lab File: VW031739.D
 Acq: 01 Jul 2025 10:36

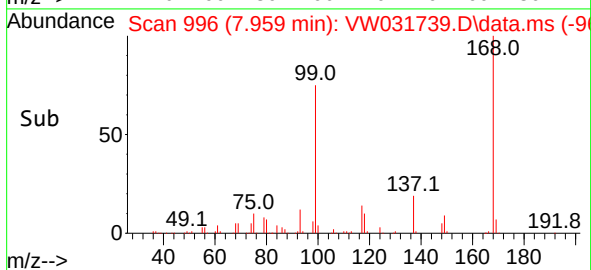
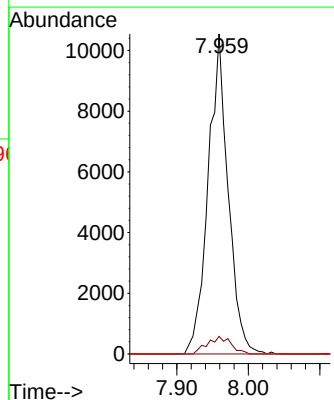
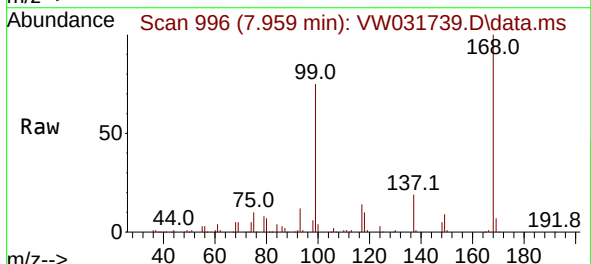
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBL01

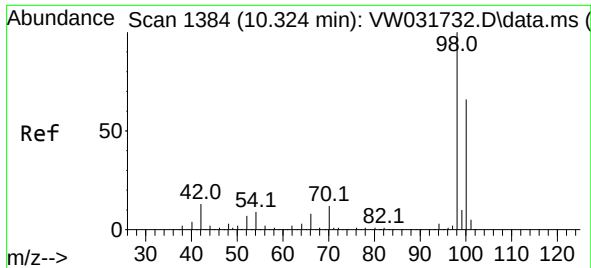
Tgt Ion: 75 Resp: 16410
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.8 50.4#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 6.436 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.122 min
 Lab File: VW031739.D
 Acq: 01 Jul 2025 10:36

Tgt Ion: 117 Resp: 20507
 Ion Ratio Lower Upper
 117 100
 119 5.5 75.0 112.6#
 121 0.0 24.6 37.0#

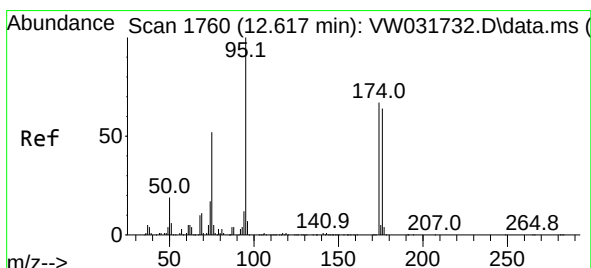
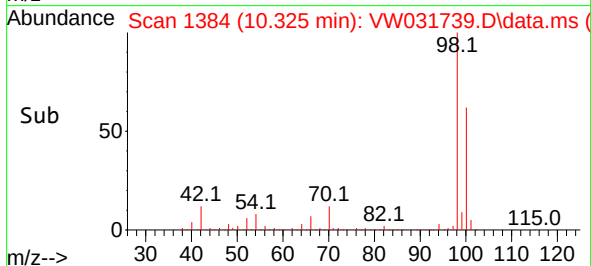
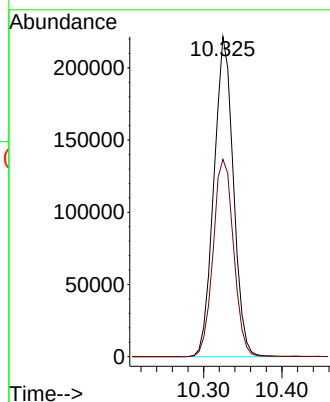
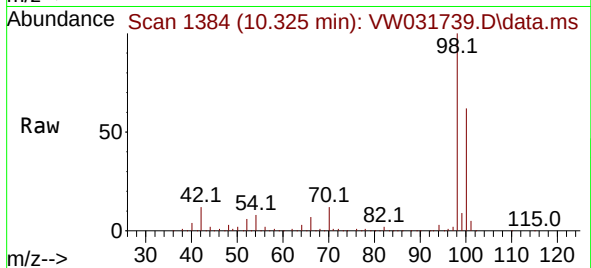




#50
Toluene-d8
Concen: 47.690 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031739.D
Acq: 01 Jul 2025 10:36

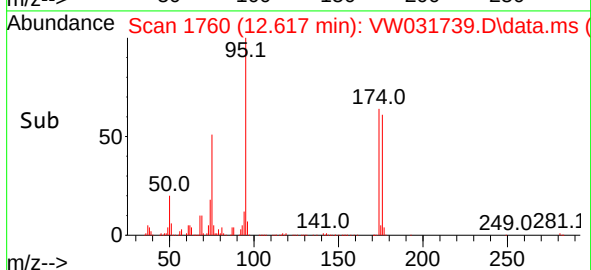
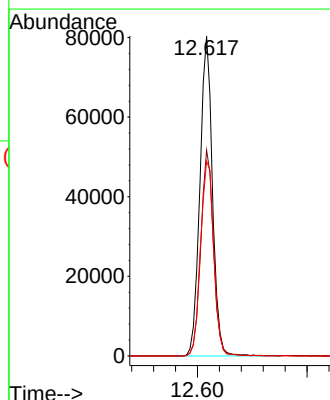
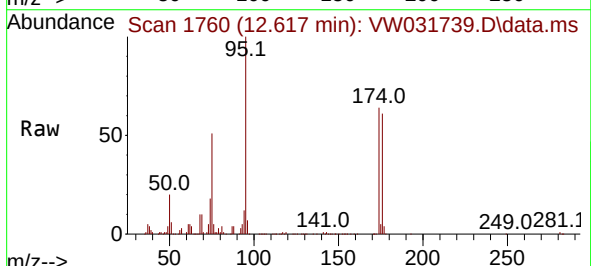
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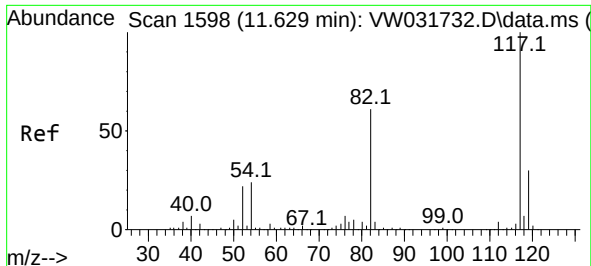
Tgt Ion: 98 Resp: 383484
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 43.174 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031739.D
Acq: 01 Jul 2025 10:36

Tgt Ion: 95 Resp: 127760
Ion Ratio Lower Upper
95 100
174 64.7 0.0 133.8
176 64.0 0.0 126.0

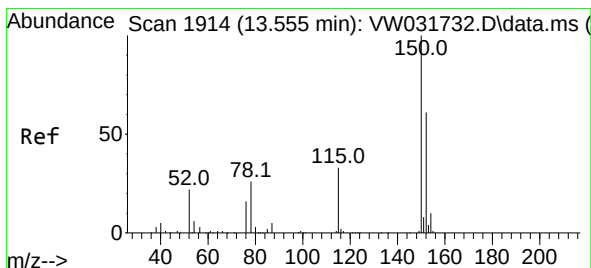
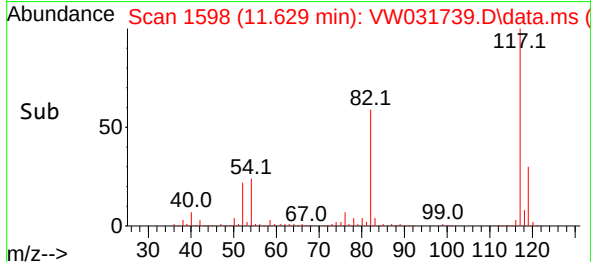
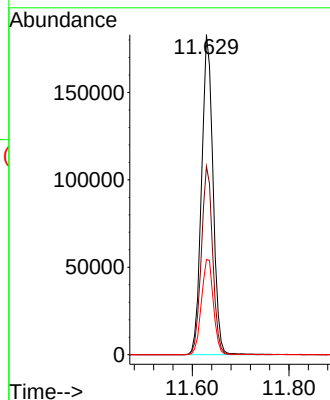
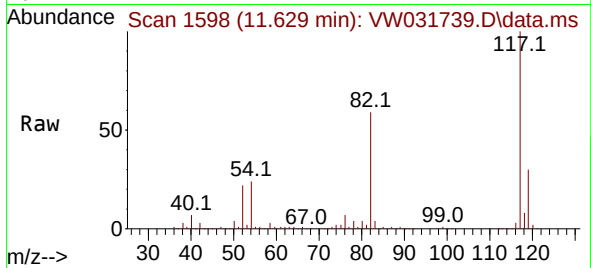




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031739.D
Acq: 01 Jul 2025 10:36

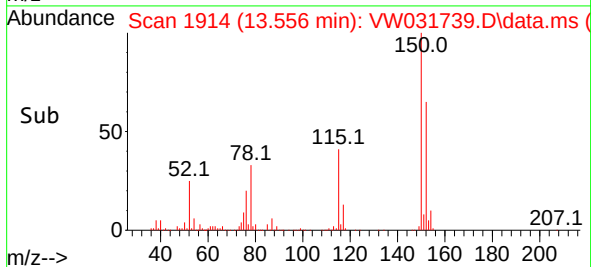
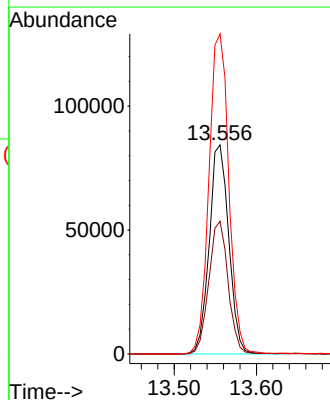
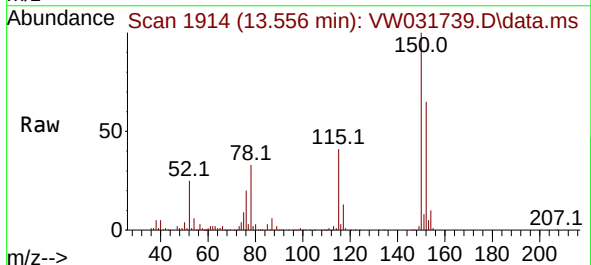
Instrument :
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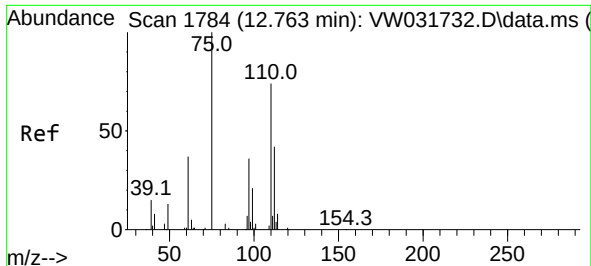
Tgt Ion:117 Resp: 300155
Ion Ratio Lower Upper
117 100
82 58.9 48.6 72.8
119 29.8 23.9 35.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031739.D
Acq: 01 Jul 2025 10:36

Tgt Ion:152 Resp: 139333
Ion Ratio Lower Upper
152 100
115 62.8 31.9 95.7
150 155.6 0.0 356.4

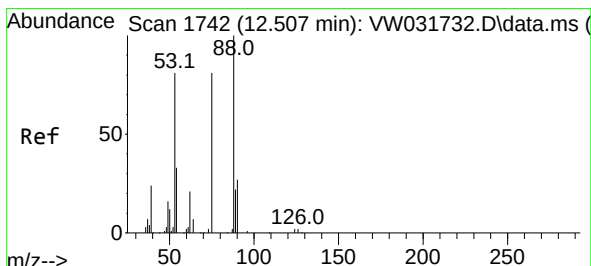
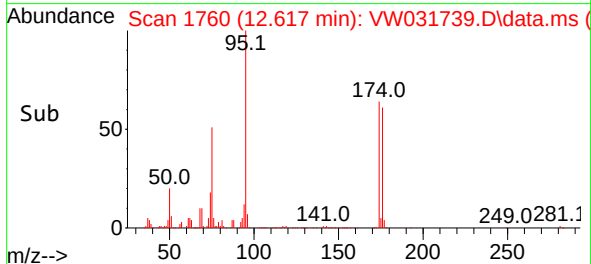
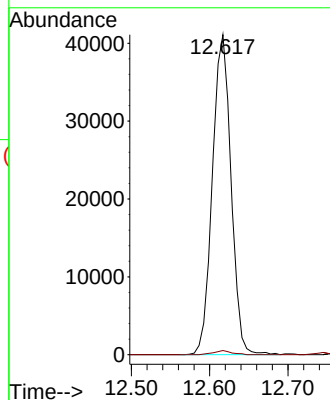
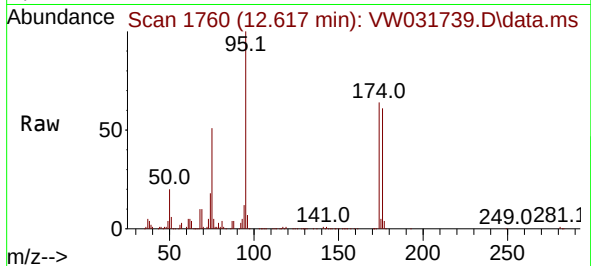




#76
1,2,3-Trichloropropane
Concen: 37.751 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW031739.D
Acq: 01 Jul 2025 10:36

Instrument :
MSVOA_W
ClientSampleId :
VW0701SBL01

Tgt Ion: 75 Resp: 67973
Ion Ratio Lower Upper
75 100
77 1.2 141.2 423.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.928 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW031739.D
Acq: 01 Jul 2025 10:36

Tgt Ion: 75 Resp: 67973
Ion Ratio Lower Upper
75 100
53 0.2 83.5 125.3#
89 0.1 38.3 57.5#

