

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032637.D
 Acq On : 11 Dec 2025 16:48
 Operator : SY/MD
 Sample : Q3814-01RE
 Misc : 3.52g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5

Quant Time: Dec 12 00:46:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

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

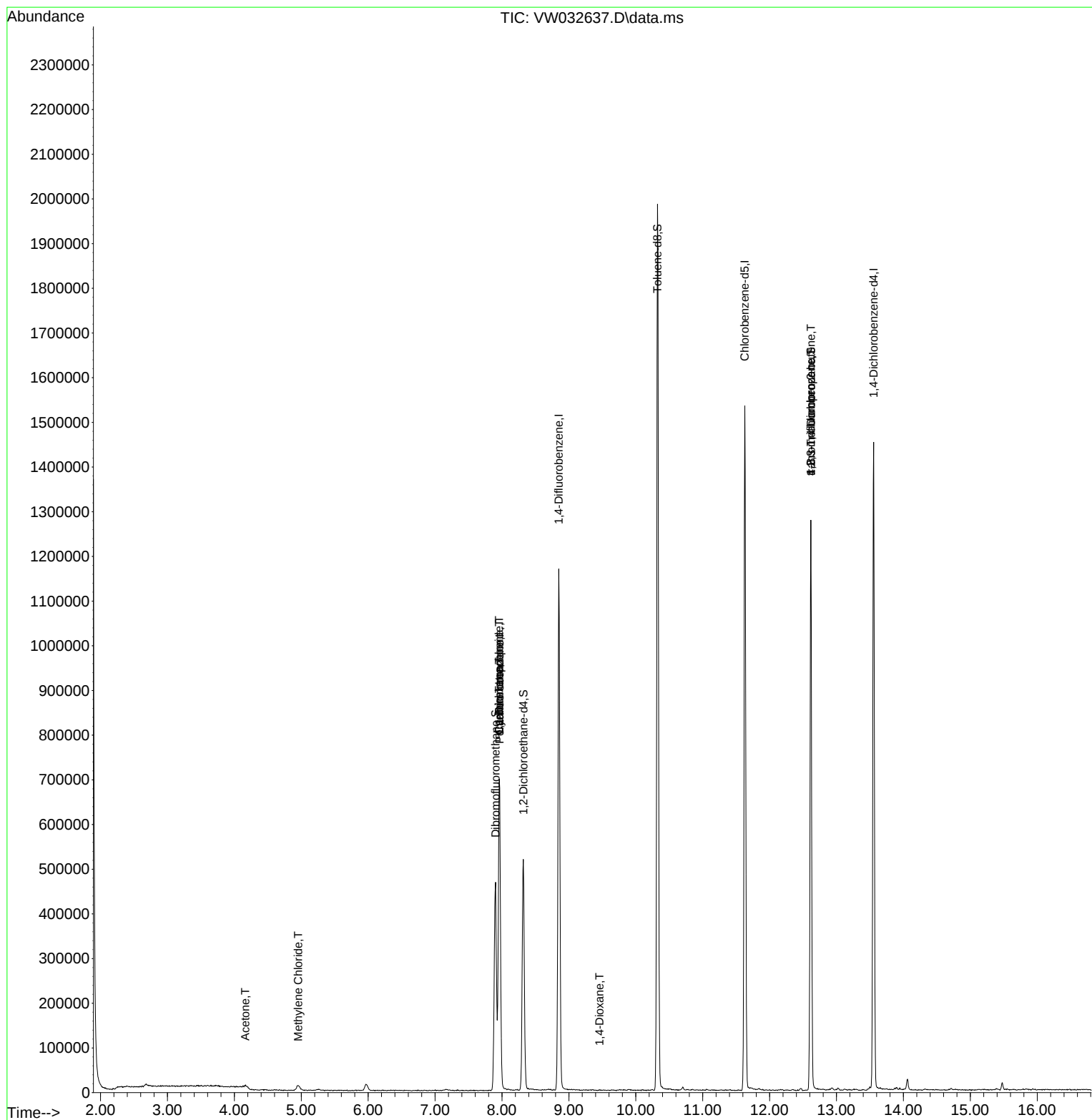
Internal Standards						
1) Pentafluorobenzene	7.965	168	481657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	947798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	821758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	363722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	413581	54.295	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 108.580%		
35) Dibromofluoromethane	7.904	113	340532	50.384	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 100.760%		
50) Toluene-d8	10.325	98	1257048	51.679	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 103.360%		
62) 4-Bromofluorobenzene	12.617	95	444136	49.733	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 99.460%		
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	7061	2.798	ug/l	94
20) Methylene Chloride	4.954	84	9970	1.294	ug/l	96
31) Cyclohexane	7.959	56	13689	1.180	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	46186	4.733	ug/l #	50
38) Carbon Tetrachloride	7.959	117	52813	5.851	ug/l #	17
49) 1,4-Dioxane	9.459	88	162	2.752	ug/l #	9
58) 2-Chloroethyl Vinyl ether	9.861	63	59	Below Cal		92
76) 1,2,3-Trichloropropane	12.617	75	223687	45.831	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	223687	94.277	ug/l #	7
95) Naphthalene	15.366	128	721	Below Cal	#	89

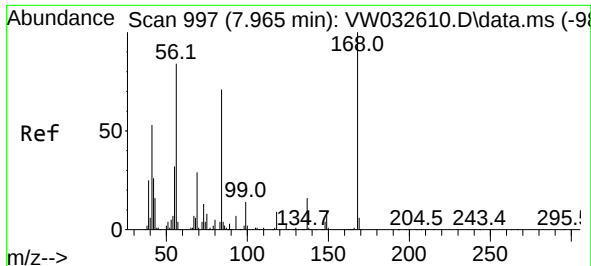
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
Data File : VW032637.D
Acq On : 11 Dec 2025 16:48
Operator : SY/MD
Sample : Q3814-01RE
Misc : 3.52g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-5

Quant Time: Dec 12 00:46:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 11 01:56:28 2025
Response via : Initial Calibration

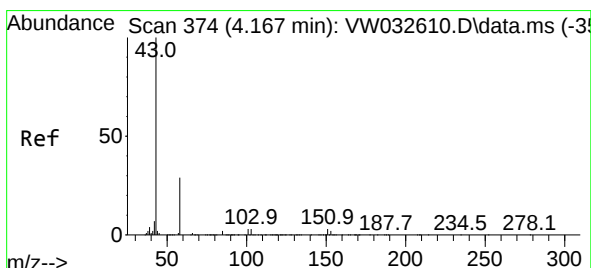
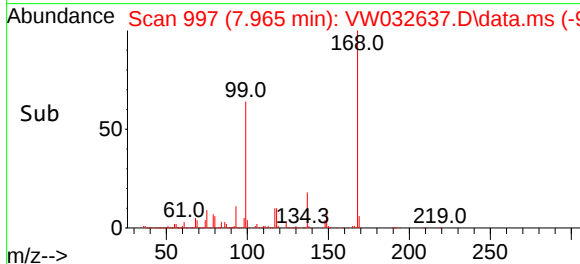
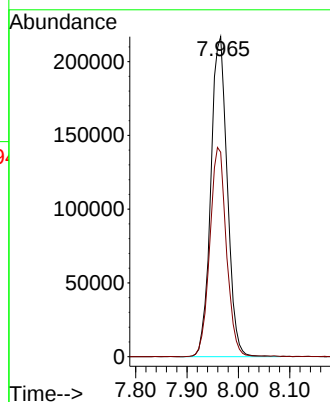
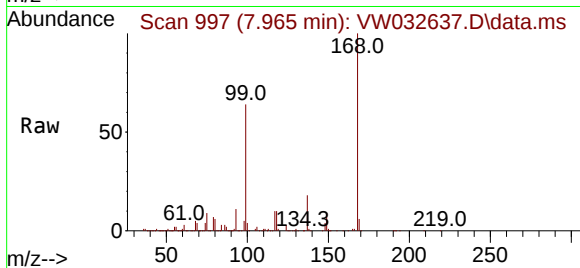




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032637.D
Acq: 11 Dec 2025 16:48

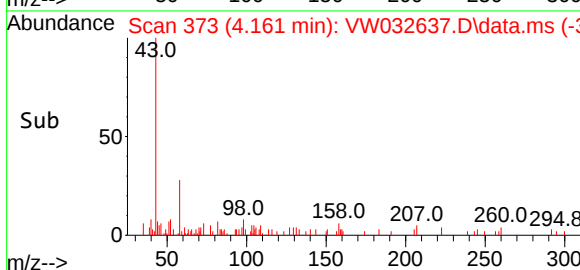
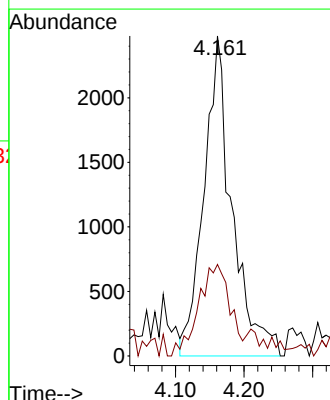
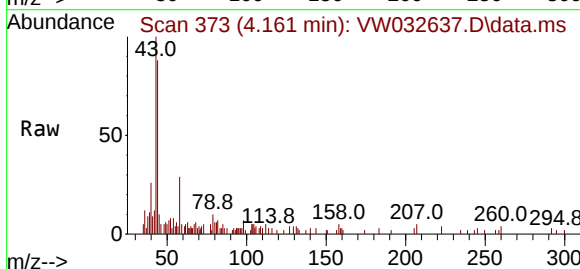
Instrument :
MSVOA_W
ClientSampleId :
TP-5

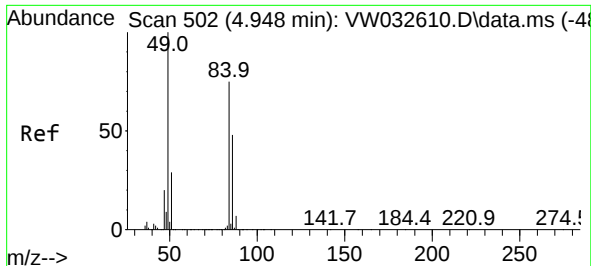
Tgt Ion:168 Resp: 481657
Ion Ratio Lower Upper
168 100
99 63.9 47.8 71.8



#16
Acetone
Concen: 2.798 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW032637.D
Acq: 11 Dec 2025 16:48

Tgt Ion: 43 Resp: 7061
Ion Ratio Lower Upper
43 100
58 26.5 23.9 35.9



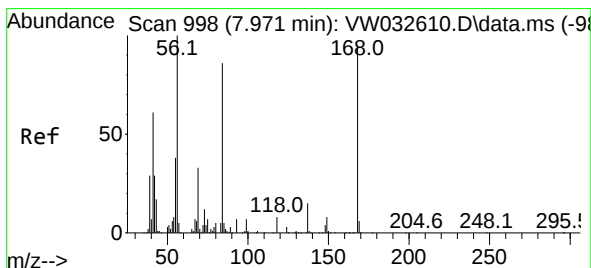
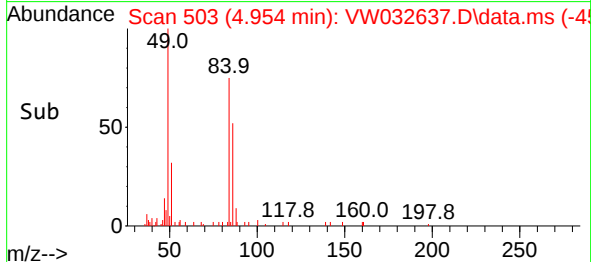
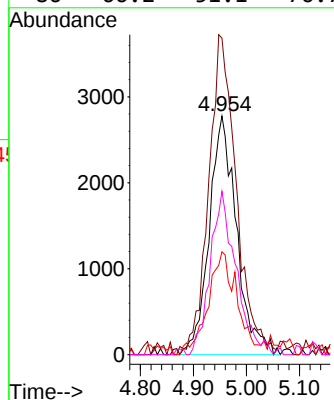
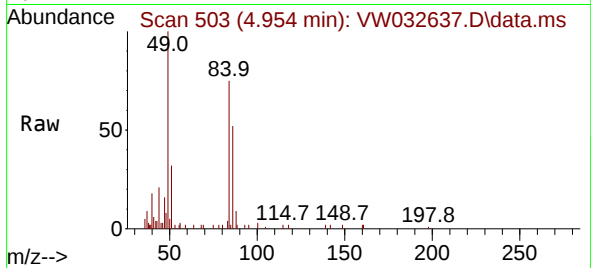


#20
Methylene Chloride
Concen: 1.294 ug/l
RT: 4.954 min Scan# 502
Delta R.T. 0.006 min
Lab File: VW032637.D
Acq: 11 Dec 2025 16:48

Instrument :
MSVOA_W
ClientSampleId :
TP-5

Tgt Ion: 84 Resp: 9970

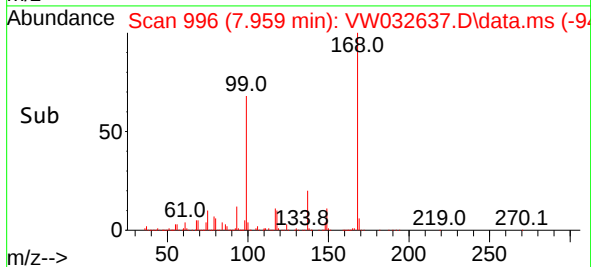
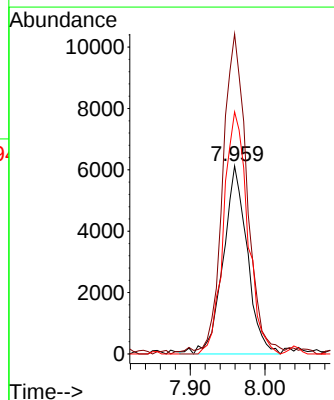
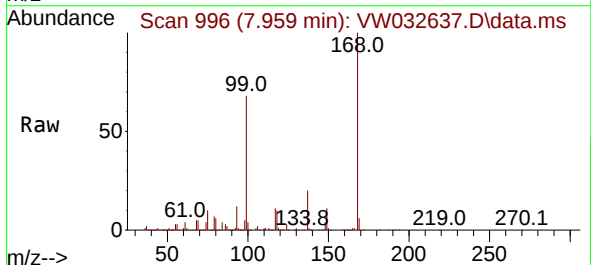
Ion	Ratio	Lower	Upper
84	100		
49	129.3	106.9	160.3
51	43.1	31.4	47.2
86	66.2	51.1	76.7

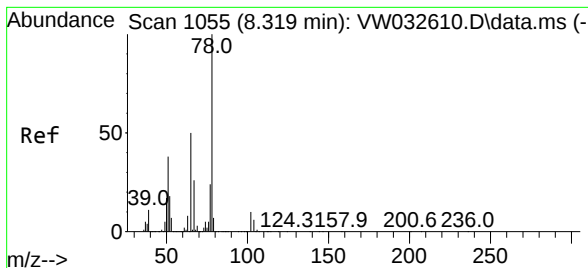


#31
Cyclohexane
Concen: 1.180 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032637.D
Acq: 11 Dec 2025 16:48

Tgt Ion: 56 Resp: 13689

Ion	Ratio	Lower	Upper
56	100		
69	168.9	26.2	39.2#
84	128.8	68.9	103.3#

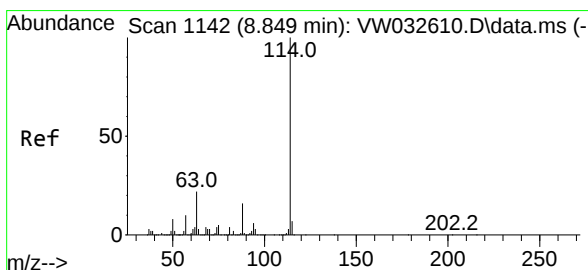
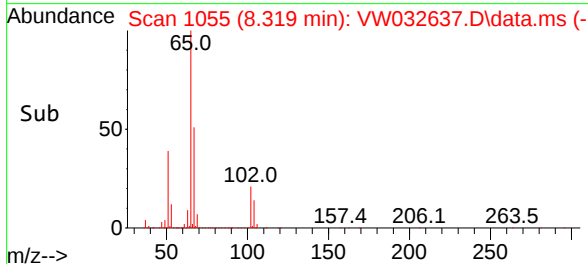
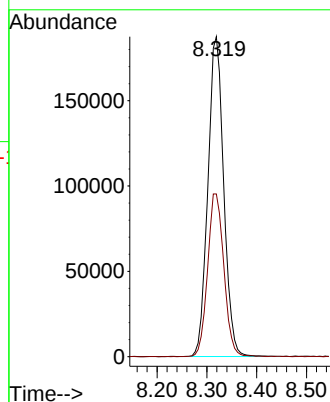
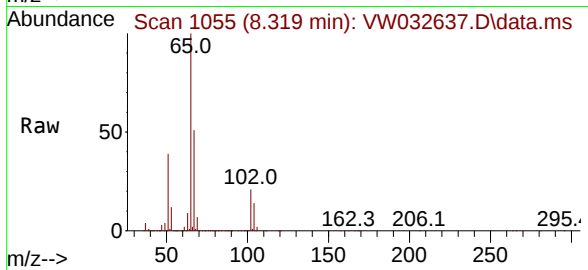




#33
 1,2-Dichloroethane-d4
 Concen: 54.295 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032637.D
 Acq: 11 Dec 2025 16:48

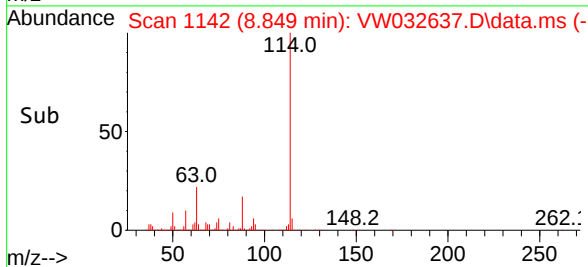
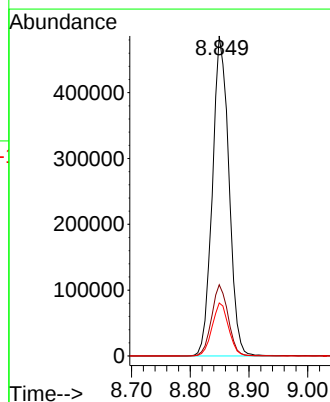
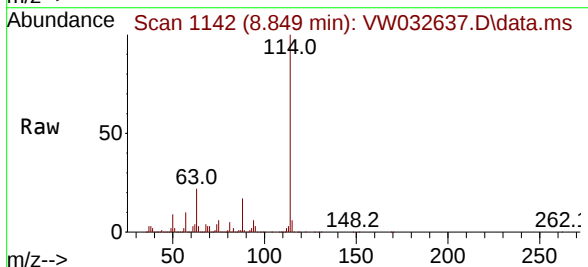
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5

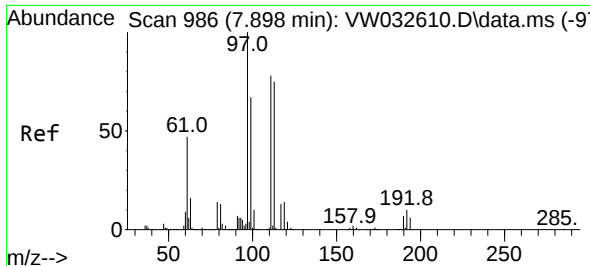
Tgt Ion: 65 Resp: 413581
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032637.D
 Acq: 11 Dec 2025 16:48

Tgt Ion: 114 Resp: 947798
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.6
 88 16.6 0.0 31.8

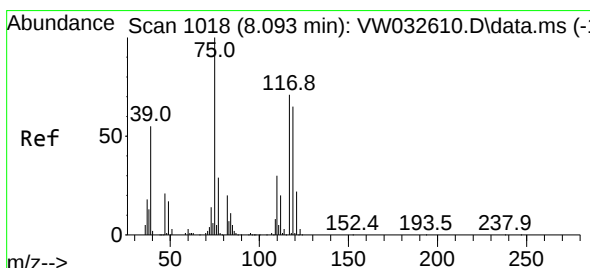
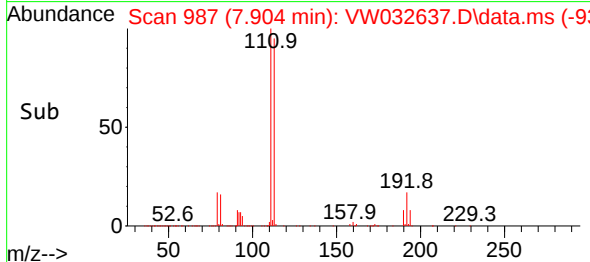
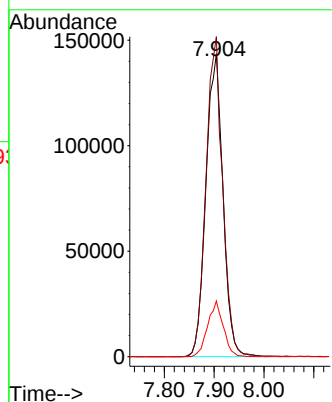
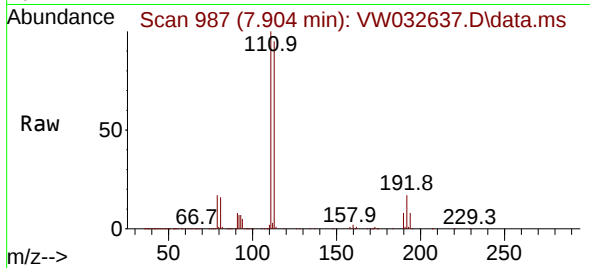




#35
Dibromofluoromethane
Concen: 50.384 ug/l
RT: 7.904 min Scan# 911
Delta R.T. 0.006 min
Lab File: VW032637.D
Acq: 11 Dec 2025 16:48

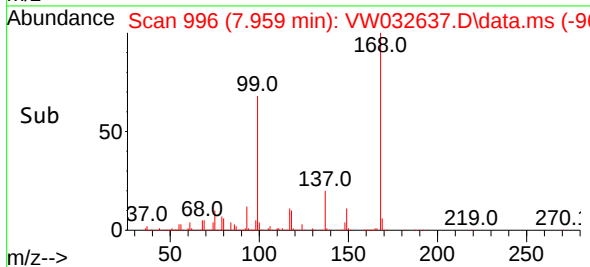
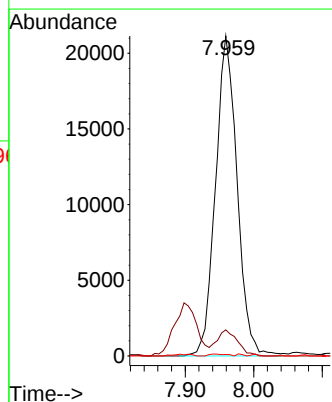
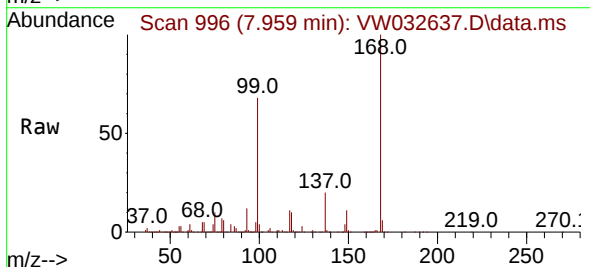
Instrument :
MSVOA_W
ClientSampleId :
TP-5

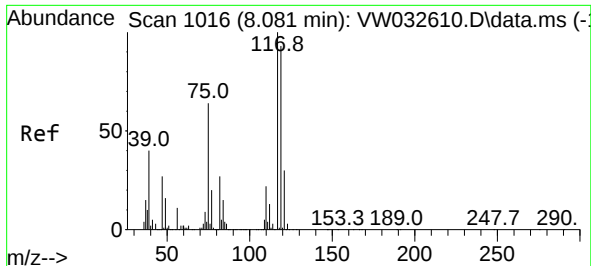
Tgt Ion:113 Resp: 340532
Ion Ratio Lower Upper
113 100
111 103.1 85.2 127.8
192 16.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.733 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.134 min
Lab File: VW032637.D
Acq: 11 Dec 2025 16:48

Tgt Ion: 75 Resp: 46186
Ion Ratio Lower Upper
75 100
110 7.8 16.3 48.9#
77 0.2 24.6 37.0#

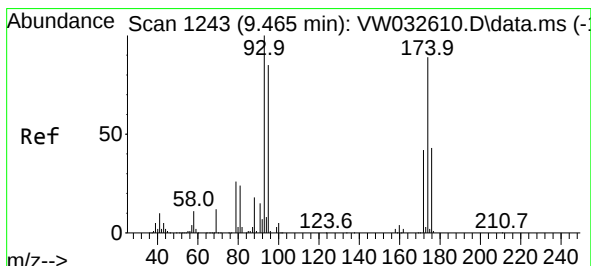
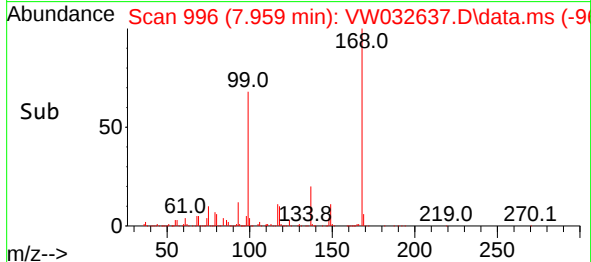
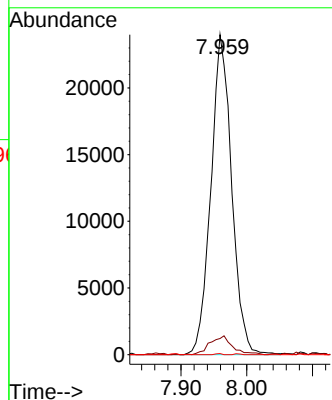
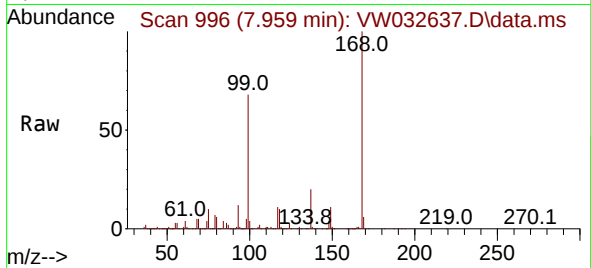




#38
Carbon Tetrachloride
Concen: 5.851 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.122 min
Lab File: VW032637.D
Acq: 11 Dec 2025 16:48

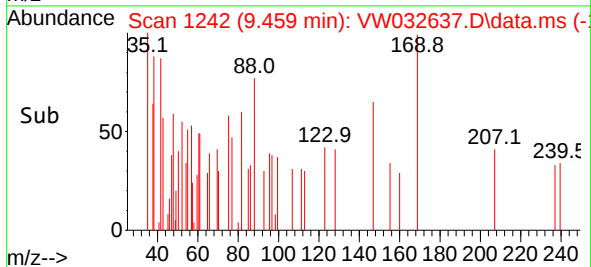
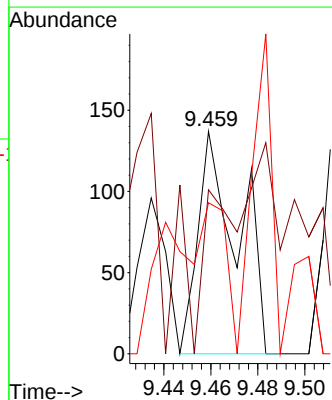
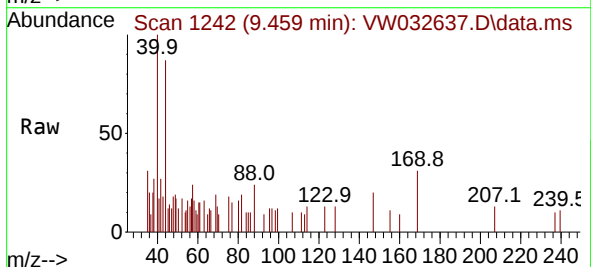
Instrument :
MSVOA_W
ClientSampleId :
TP-5

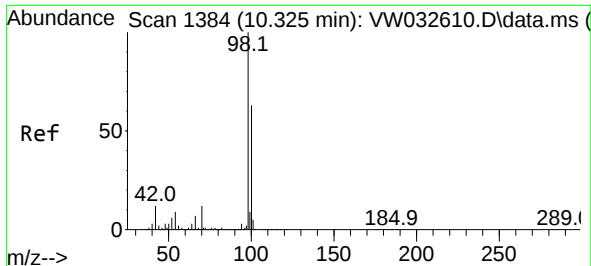
Tgt Ion:117 Resp: 52813
Ion Ratio Lower Upper
117 100
119 5.1 74.3 111.5#
121 0.4 23.6 35.4#



#49
1,4-Dioxane
Concen: 2.752 ug/l
RT: 9.459 min Scan# 1242
Delta R.T. -0.006 min
Lab File: VW032637.D
Acq: 11 Dec 2025 16:48

Tgt Ion: 88 Resp: 162
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 63.8 95.8#

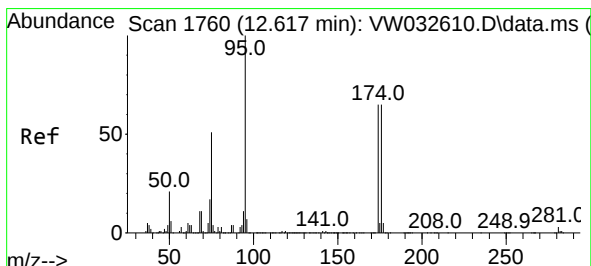
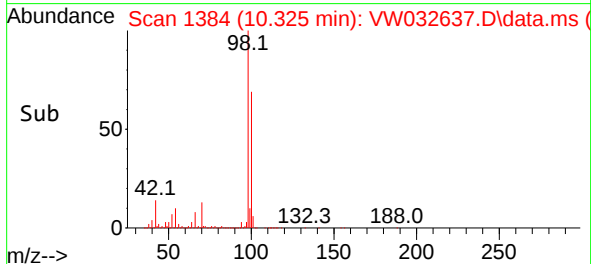
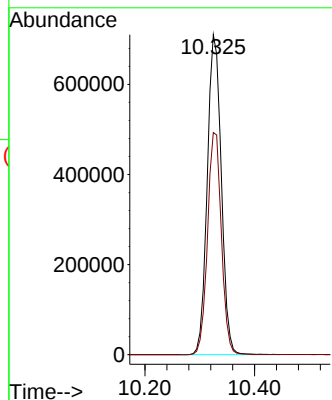
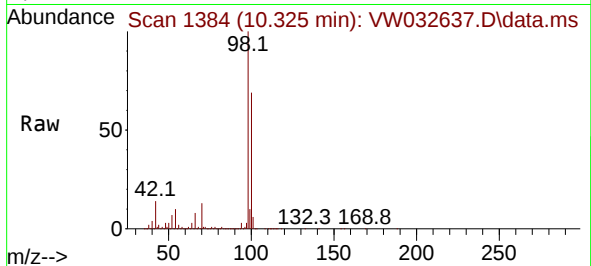




#50
Toluene-d8
Concen: 51.679 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032637.D
Acq: 11 Dec 2025 16:48

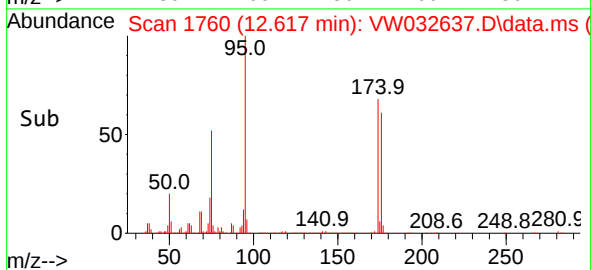
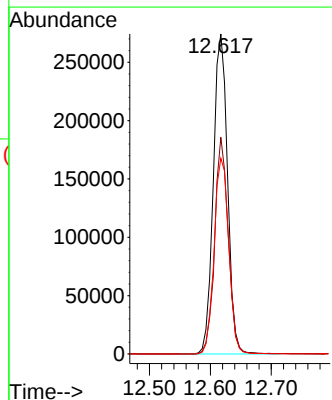
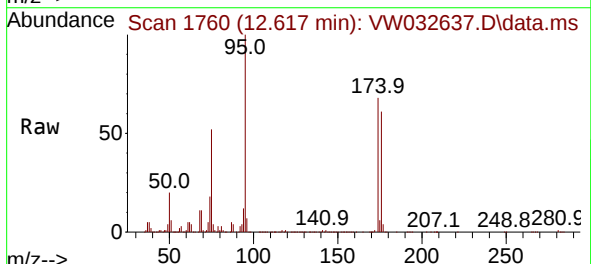
Instrument :
MSVOA_W
ClientSampleId :
TP-5

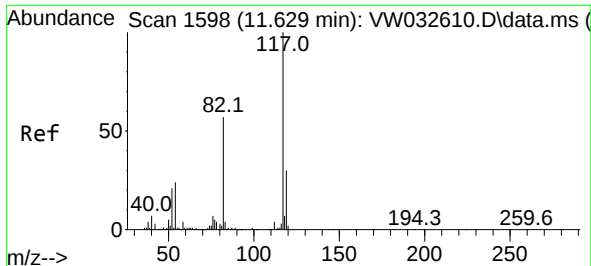
Tgt Ion: 98 Resp: 1257048
Ion Ratio Lower Upper
98 100
100 68.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.733 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032637.D
Acq: 11 Dec 2025 16:48

Tgt Ion: 95 Resp: 444136
Ion Ratio Lower Upper
95 100
174 64.6 0.0 135.0
176 63.0 0.0 123.4

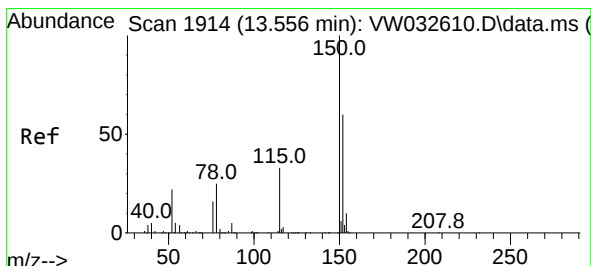
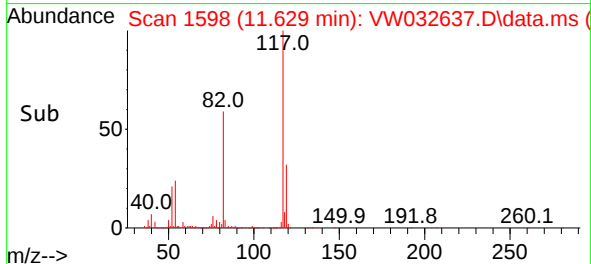
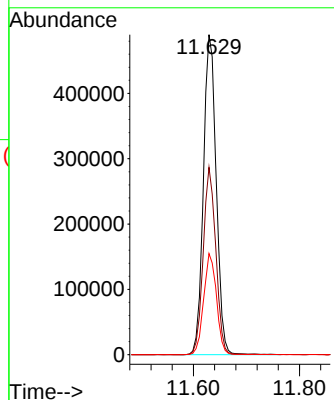
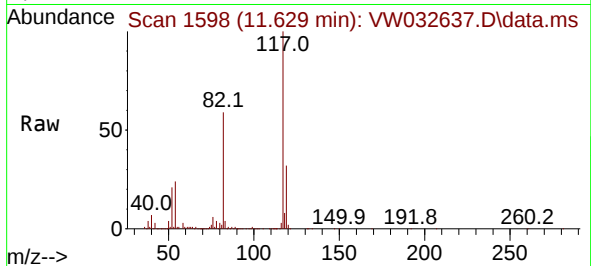




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032637.D
Acq: 11 Dec 2025 16:48

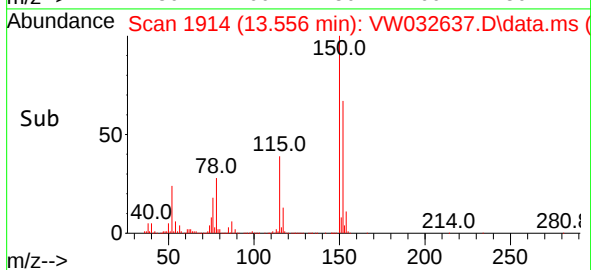
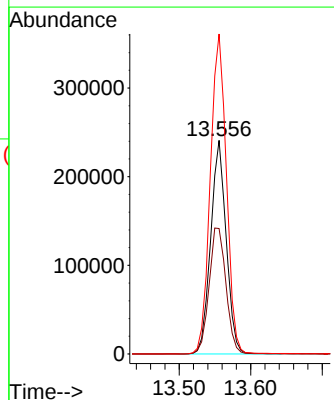
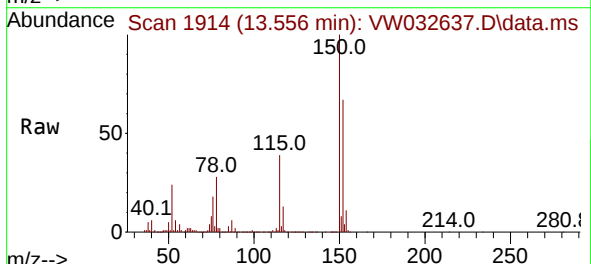
Instrument :
MSVOA_W
ClientSampleId :
TP-5

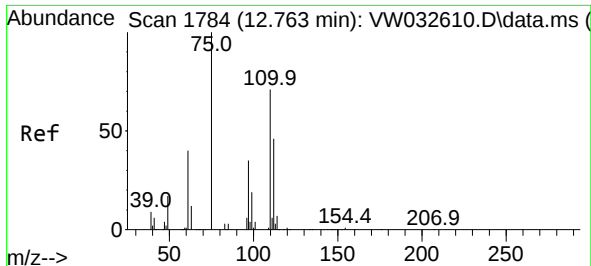
Tgt Ion:117 Resp: 821758
Ion Ratio Lower Upper
117 100
82 58.5 45.5 68.3
119 31.6 23.8 35.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032637.D
Acq: 11 Dec 2025 16:48

Tgt Ion:152 Resp: 363722
Ion Ratio Lower Upper
152 100
115 64.3 33.8 101.3
150 155.3 0.0 369.4

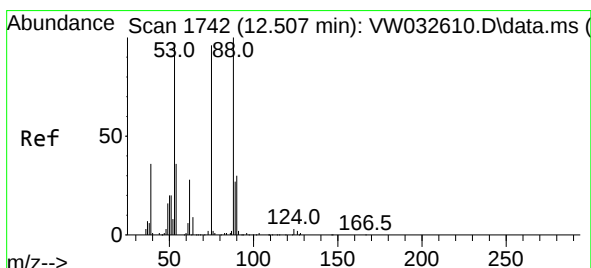
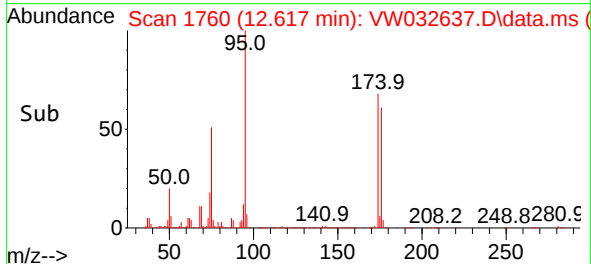
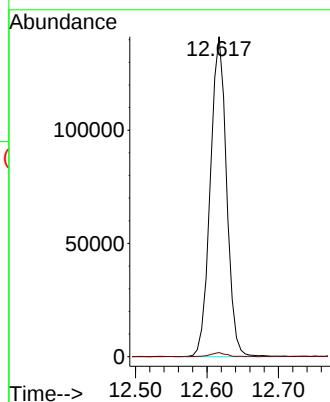
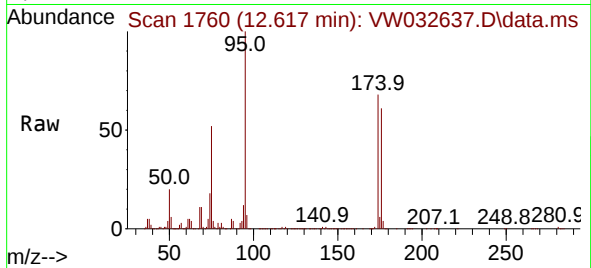




#76
1,2,3-Trichloropropane
Concen: 45.831 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW032637.D
Acq: 11 Dec 2025 16:48

Instrument :
MSVOA_W
ClientSampleId :
TP-5

Tgt Ion: 75 Resp: 223687
Ion Ratio Lower Upper
75 100
77 1.3 154.0 462.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.277 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW032637.D
Acq: 11 Dec 2025 16:48

Tgt Ion: 75 Resp: 223687
Ion Ratio Lower Upper
75 100
53 0.3 86.1 129.1#
89 0.1 37.4 56.2#

