

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032635.D
 Acq On : 11 Dec 2025 16:05
 Operator : SY/MD
 Sample : Q3826-11
 Misc : 3.17g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

Quant Time: Dec 12 00:45:45 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)

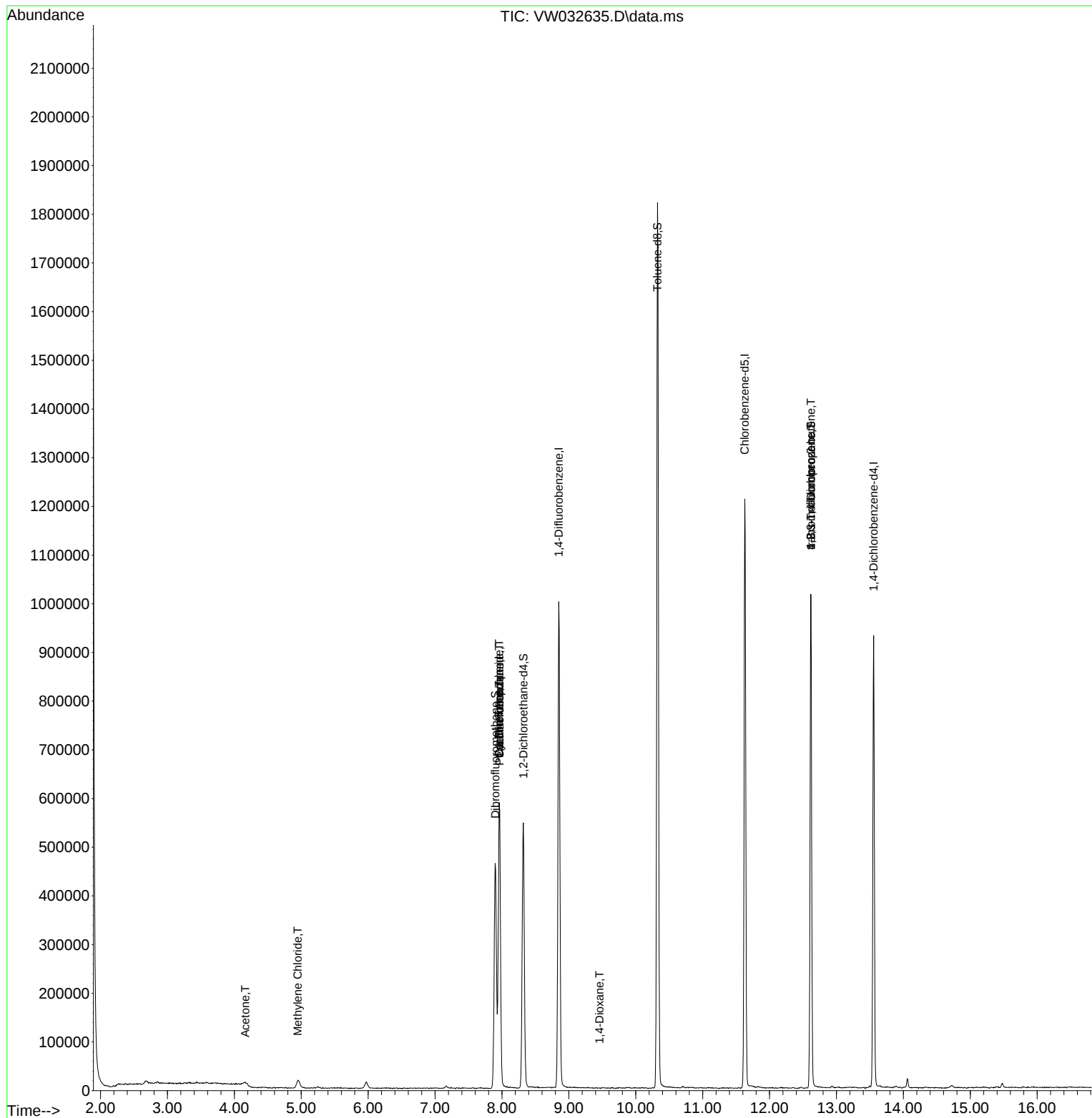
Internal Standards						
1) Pentafluorobenzene	7.965	168	404583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	826061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	650466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	228355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	445617	68.678	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 137.360%	
35) Dibromofluoromethane	7.898	113	350971	58.981	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 117.960%	
50) Toluene-d8	10.325	98	1189659	56.117	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 112.240%	
62) 4-Bromofluorobenzene	12.617	95	357692	45.956	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 91.920%	
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	7873	3.714	ug/l #	89
20) Methylene Chloride	4.948	84	14026	2.168	ug/l #	94
31) Cyclohexane	7.959	56	11361	1.166	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	39409	4.634	ug/l #	50
38) Carbon Tetrachloride	7.959	117	46798	5.949	ug/l #	17
49) 1,4-Dioxane	9.459	88	54	1.052	ug/l #	39
58) 2-Chloroethyl Vinyl ether	9.947	63	87	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.617	75	182067	59.416	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	182067	112.087	ug/l #	7
95) Naphthalene	15.360	128	578	Below Cal	#	74

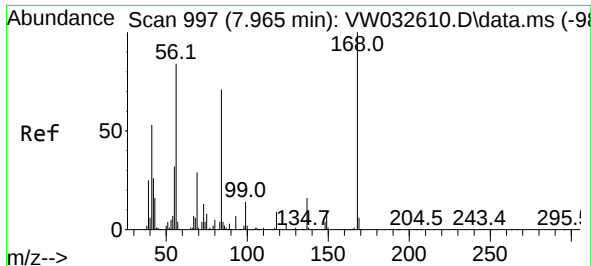
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
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Operator : SY/MD
Sample : Q3826-11
Misc : 3.17g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 12 00:45:45 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

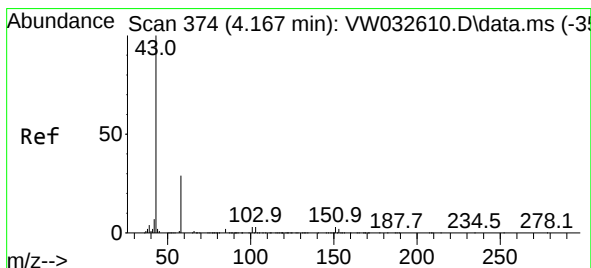
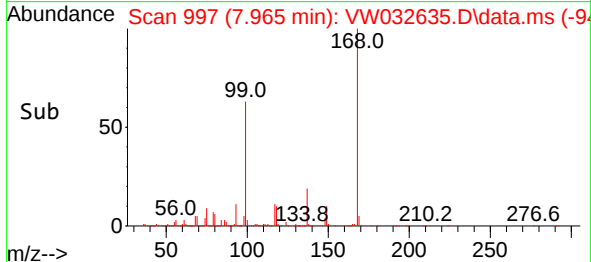
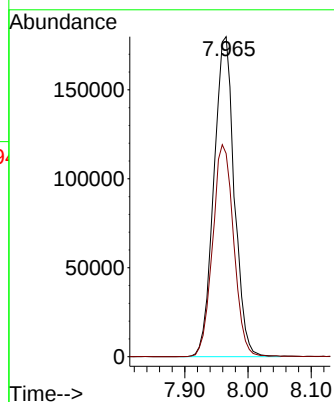
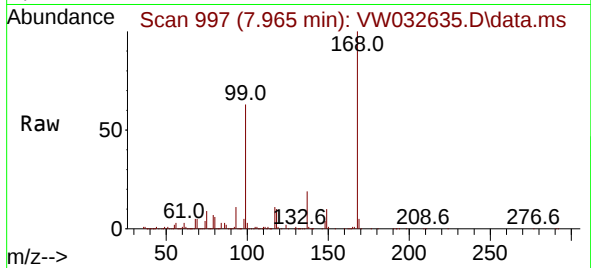




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032635.D
Acq: 11 Dec 2025 16:05

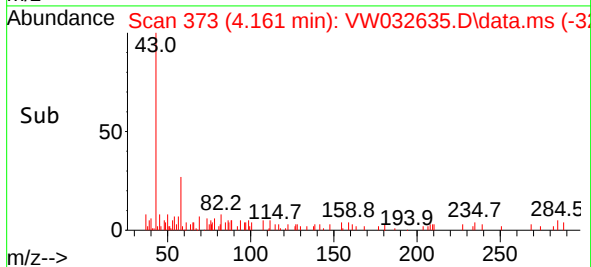
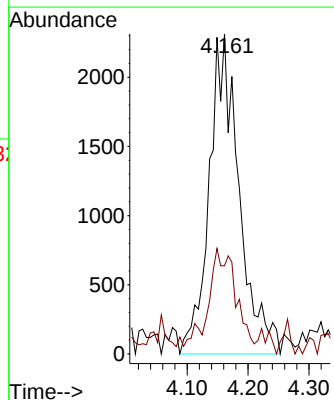
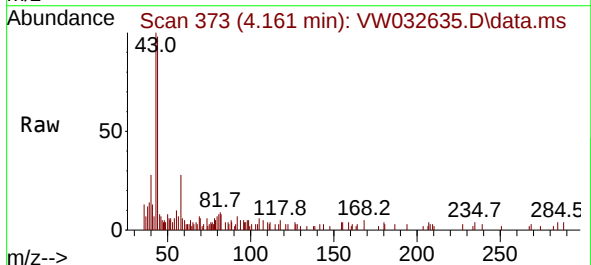
Instrument :
MSVOA_W
ClientSampleId :
TP-2

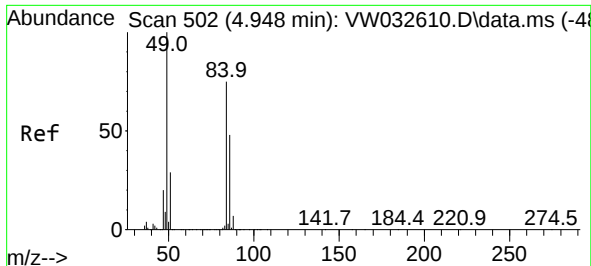
Tgt Ion:168 Resp: 404583
Ion Ratio Lower Upper
168 100
99 63.4 47.8 71.8



#16
Acetone
Concen: 3.714 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW032635.D
Acq: 11 Dec 2025 16:05

Tgt Ion: 43 Resp: 7873
Ion Ratio Lower Upper
43 100
58 23.7 23.9 35.9#

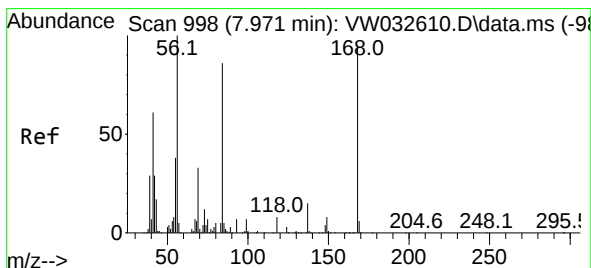
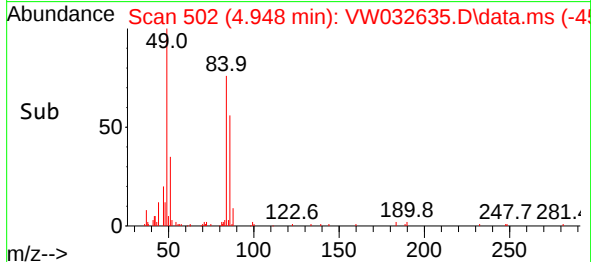
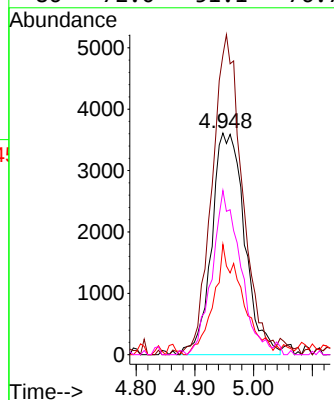
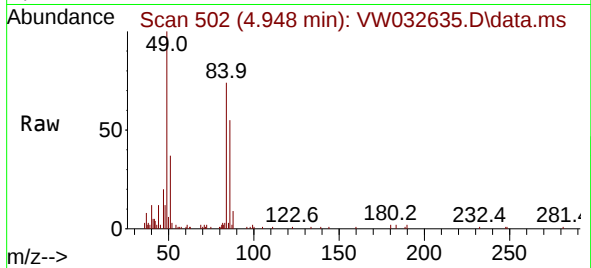




#20
Methylene Chloride
Concen: 2.168 ug/l
RT: 4.948 min Scan# 502
Delta R.T. 0.000 min
Lab File: VW032635.D
Acq: 11 Dec 2025 16:05

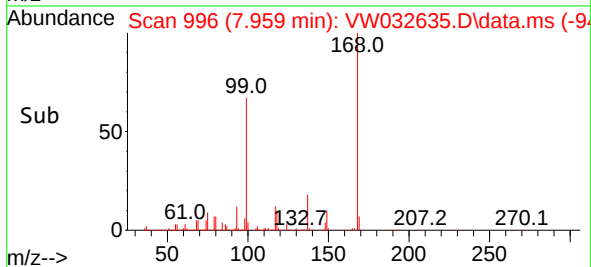
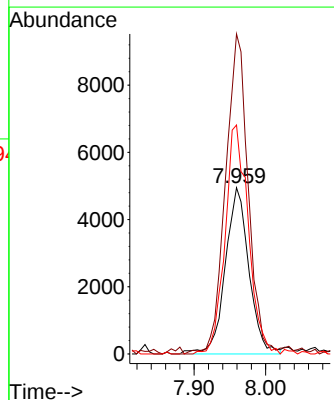
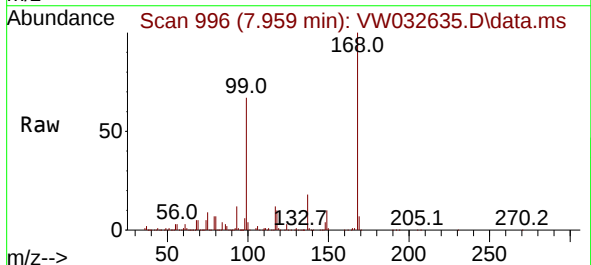
Instrument :
MSVOA_W
ClientSampleId :
TP-2

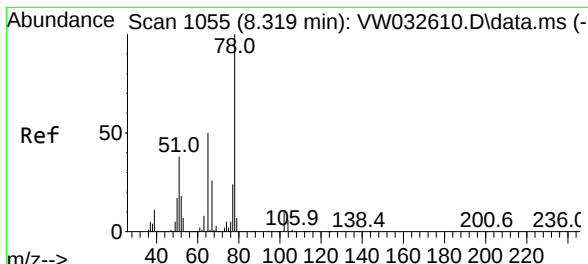
Tgt Ion:	84	Resp:	14026
Ion	Ratio	Lower	Upper
84	100		
49	135.1	106.9	160.3
51	47.4	31.4	47.2#
86	72.0	51.1	76.7



#31
Cyclohexane
Concen: 1.166 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032635.D
Acq: 11 Dec 2025 16:05

Tgt Ion:	56	Resp:	11361
Ion	Ratio	Lower	Upper
56	100		
69	188.9	26.2	39.2#
84	137.7	68.9	103.3#



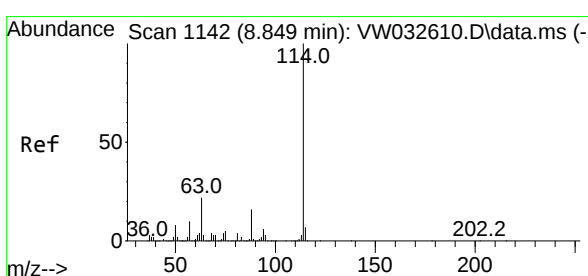
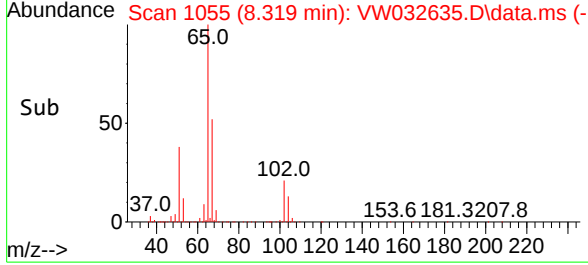
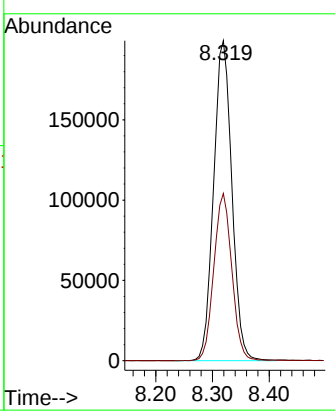
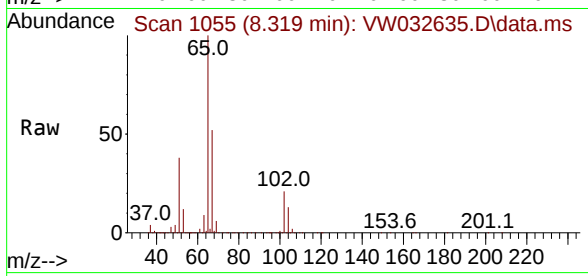


#33
 1,2-Dichloroethane-d4
 Concen: 68.678 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032635.D
 Acq: 11 Dec 2025 16:05

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

Tgt Ion: 65 Resp: 445617

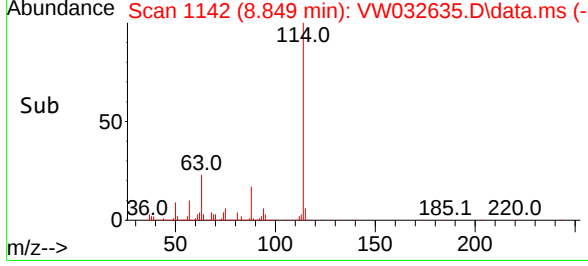
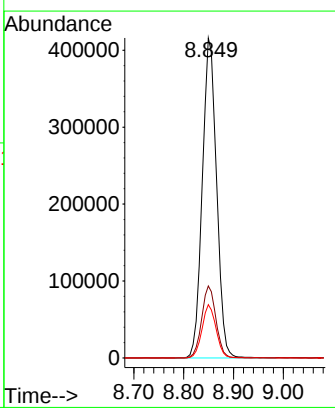
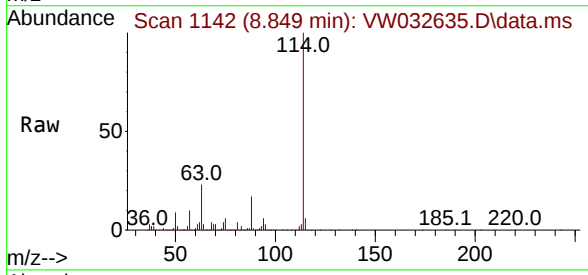
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	105.6

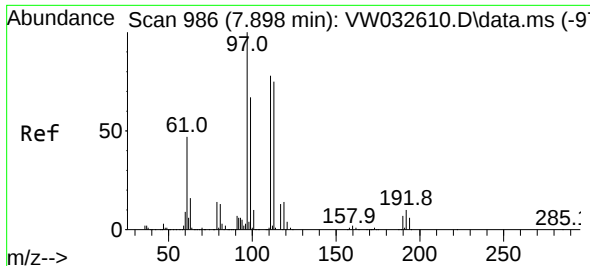


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032635.D
 Acq: 11 Dec 2025 16:05

Tgt Ion: 114 Resp: 826061

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.6
88	16.7	0.0	31.8

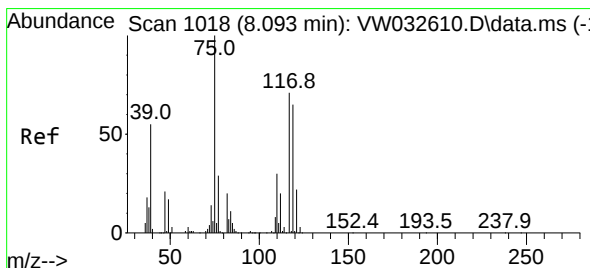
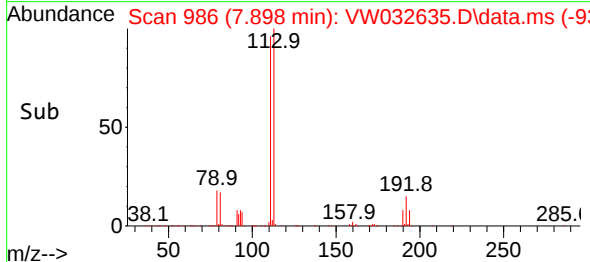
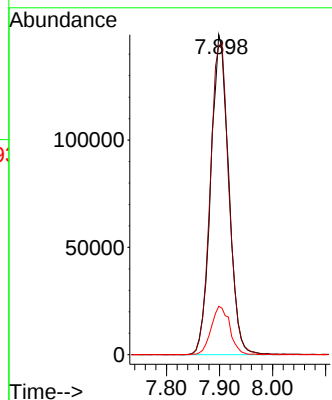
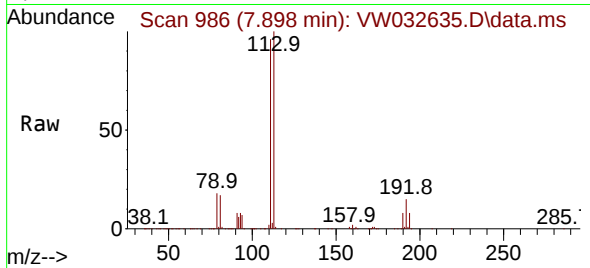




#35
Dibromofluoromethane
Concen: 58.981 ug/l
RT: 7.898 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032635.D
Acq: 11 Dec 2025 16:05

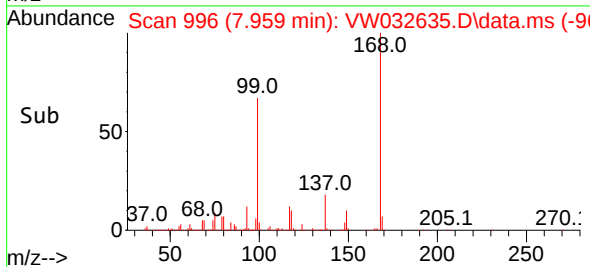
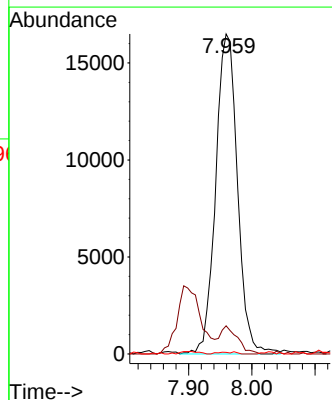
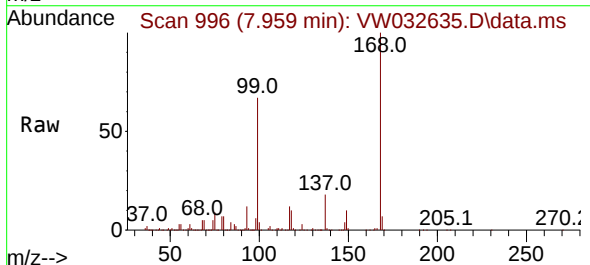
Instrument :
MSVOA_W
ClientSampleId :
TP-2

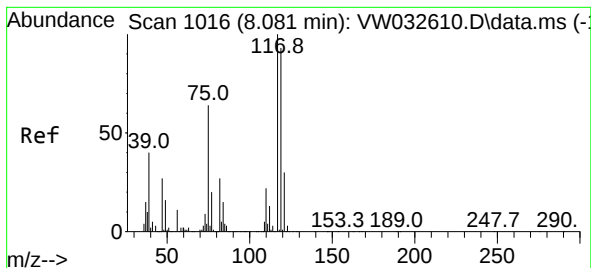
Tgt Ion:113 Resp: 350971
Ion Ratio Lower Upper
113 100
111 101.1 85.2 127.8
192 15.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.634 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.134 min
Lab File: VW032635.D
Acq: 11 Dec 2025 16:05

Tgt Ion: 75 Resp: 39409
Ion Ratio Lower Upper
75 100
110 7.2 16.3 48.9#
77 0.3 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.949 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW032635.D

Acq: 11 Dec 2025 16:05

Instrument :

MSVOA_W

ClientSampleId :

TP-2

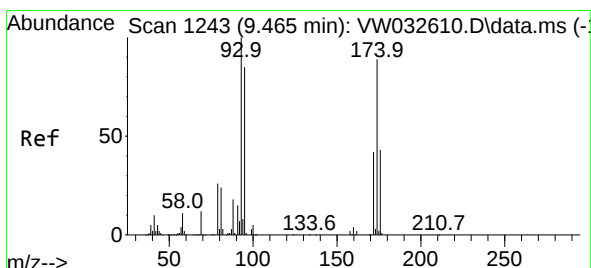
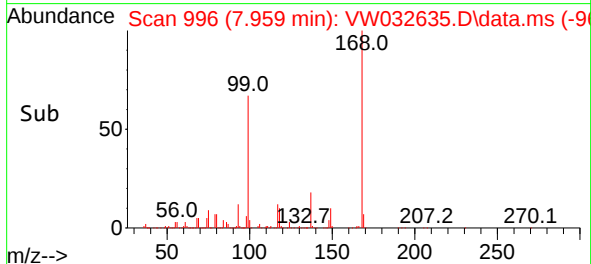
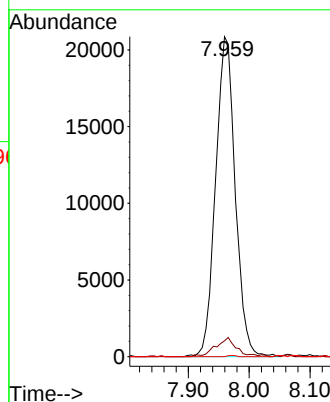
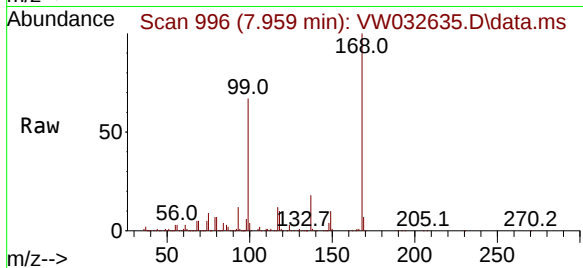
Tgt Ion:117 Resp: 46798

Ion Ratio Lower Upper

117 100

119 4.9 74.3 111.5#

121 0.0 23.6 35.4#



#49

1,4-Dioxane

Concen: 1.052 ug/l

RT: 9.459 min Scan# 1242

Delta R.T. -0.006 min

Lab File: VW032635.D

Acq: 11 Dec 2025 16:05

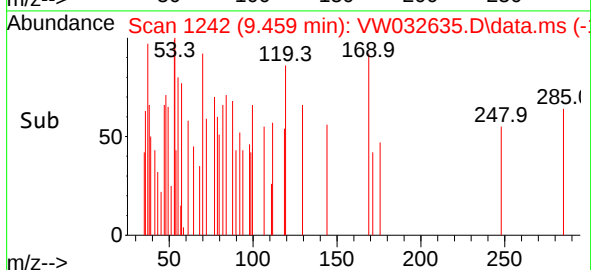
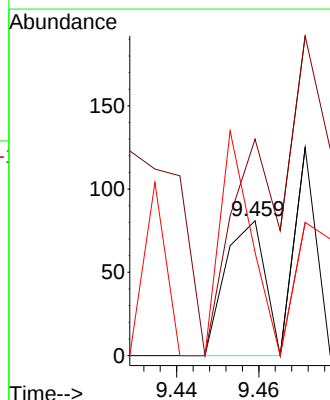
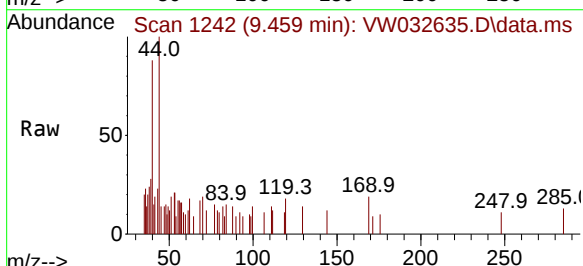
Tgt Ion: 88 Resp: 54

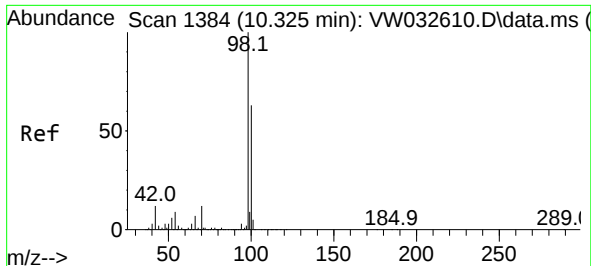
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 133.3 63.8 95.8#

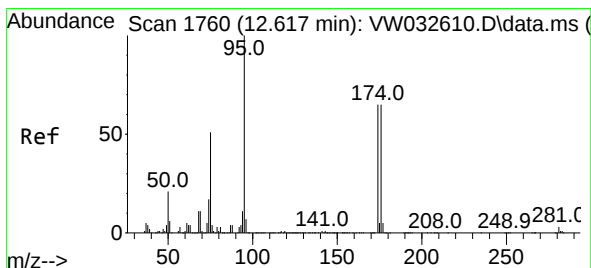
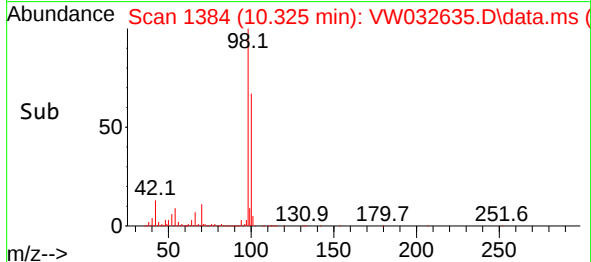
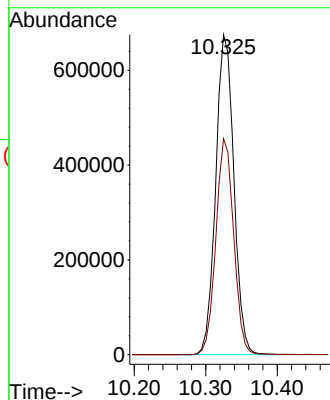
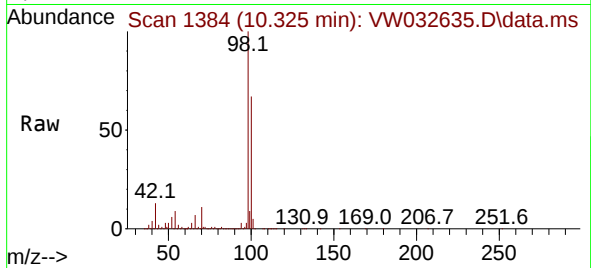




#50
Toluene-d8
Concen: 56.117 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032635.D
Acq: 11 Dec 2025 16:05

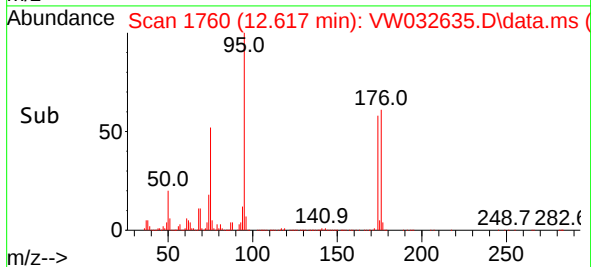
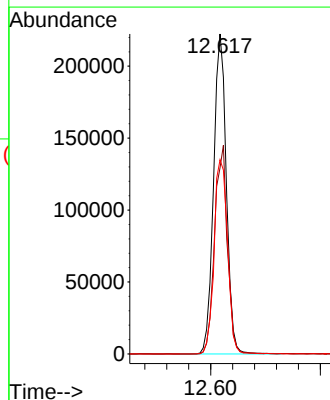
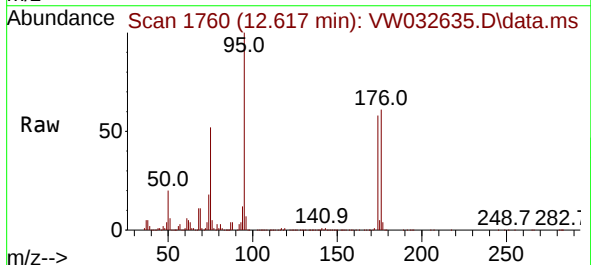
Instrument :
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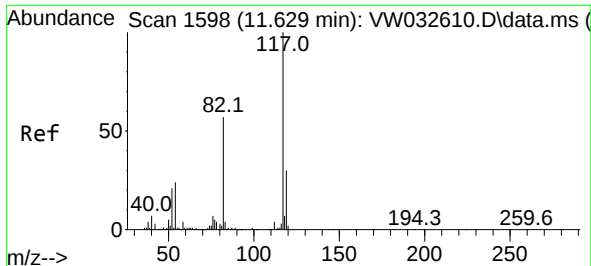
Tgt Ion: 98 Resp: 1189659
Ion Ratio Lower Upper
98 100
100 66.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 45.956 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032635.D
Acq: 11 Dec 2025 16:05

Tgt Ion: 95 Resp: 357692
Ion Ratio Lower Upper
95 100
174 65.5 0.0 135.0
176 64.3 0.0 123.4

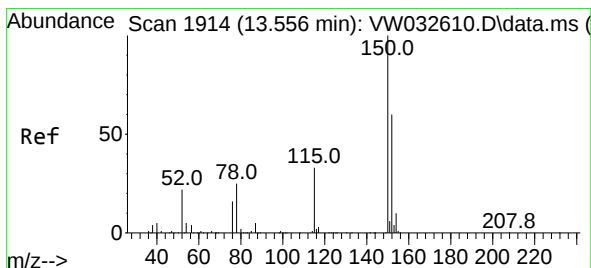
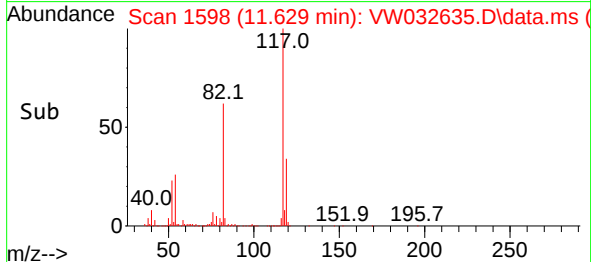
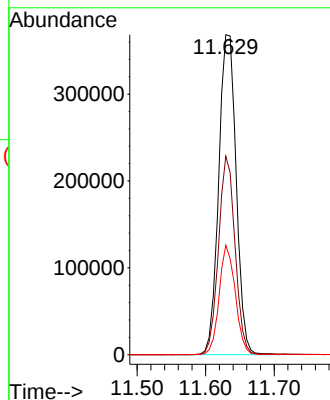
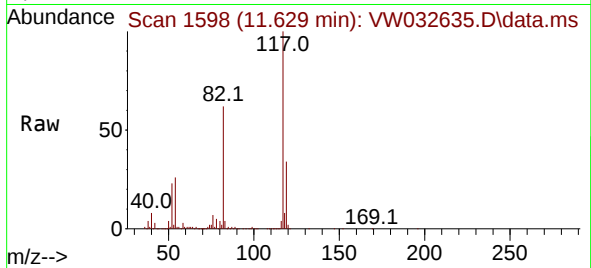




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032635.D
Acq: 11 Dec 2025 16:05

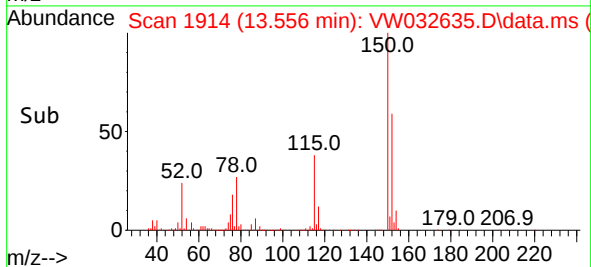
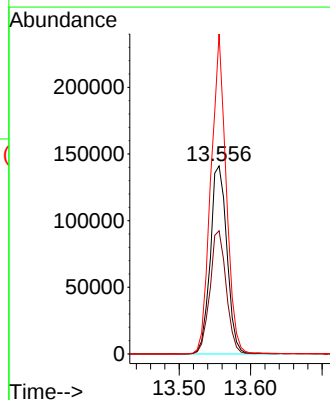
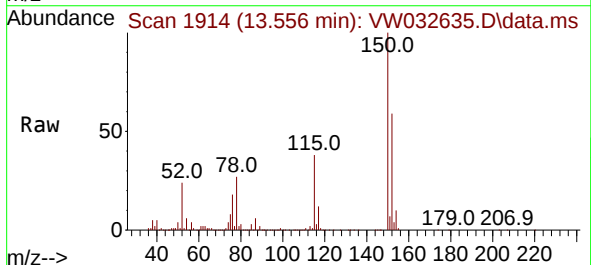
Instrument :
MSVOA_W
ClientSampleId :
TP-2

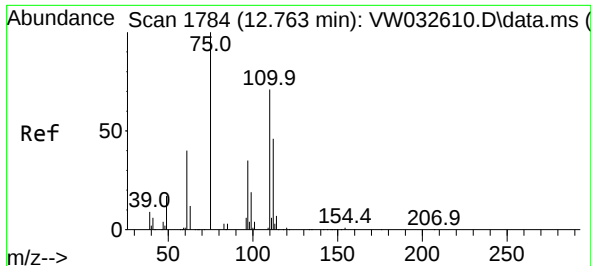
Tgt Ion:117 Resp: 650466
Ion Ratio Lower Upper
117 100
82 62.0 45.5 68.3
119 34.2 23.8 35.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032635.D
Acq: 11 Dec 2025 16:05

Tgt Ion:152 Resp: 228355
Ion Ratio Lower Upper
152 100
115 64.3 33.8 101.3
150 156.1 0.0 369.4

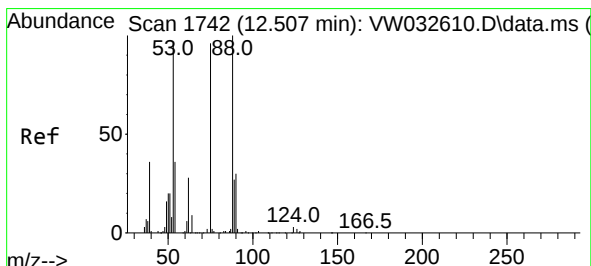
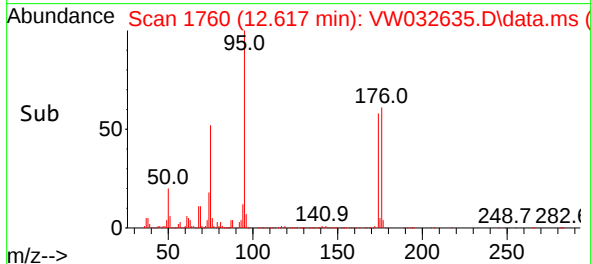
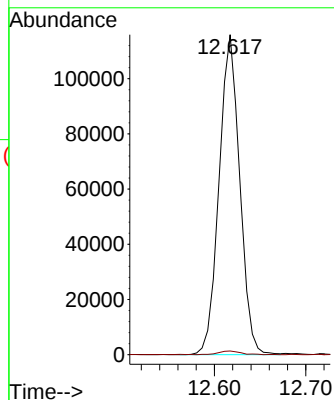
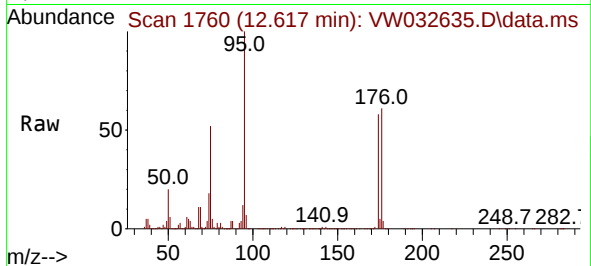




#76
1,2,3-Trichloropropane
Concen: 59.416 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW032635.D
Acq: 11 Dec 2025 16:05

Instrument :
MSVOA_W
ClientSampleId :
TP-2

Tgt Ion: 75 Resp: 182067
Ion Ratio Lower Upper
75 100
77 1.3 154.0 462.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.087 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW032635.D
Acq: 11 Dec 2025 16:05

Tgt Ion: 75 Resp: 182067
Ion Ratio Lower Upper
75 100
53 0.4 86.1 129.1#
89 0.0 37.4 56.2#

