

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112125\
 Data File : VW032521.D
 Acq On : 21 Nov 2025 12:55
 Operator : SY/MD
 Sample : VW1121SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBL01

Quant Time: Nov 26 01:19:36 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)

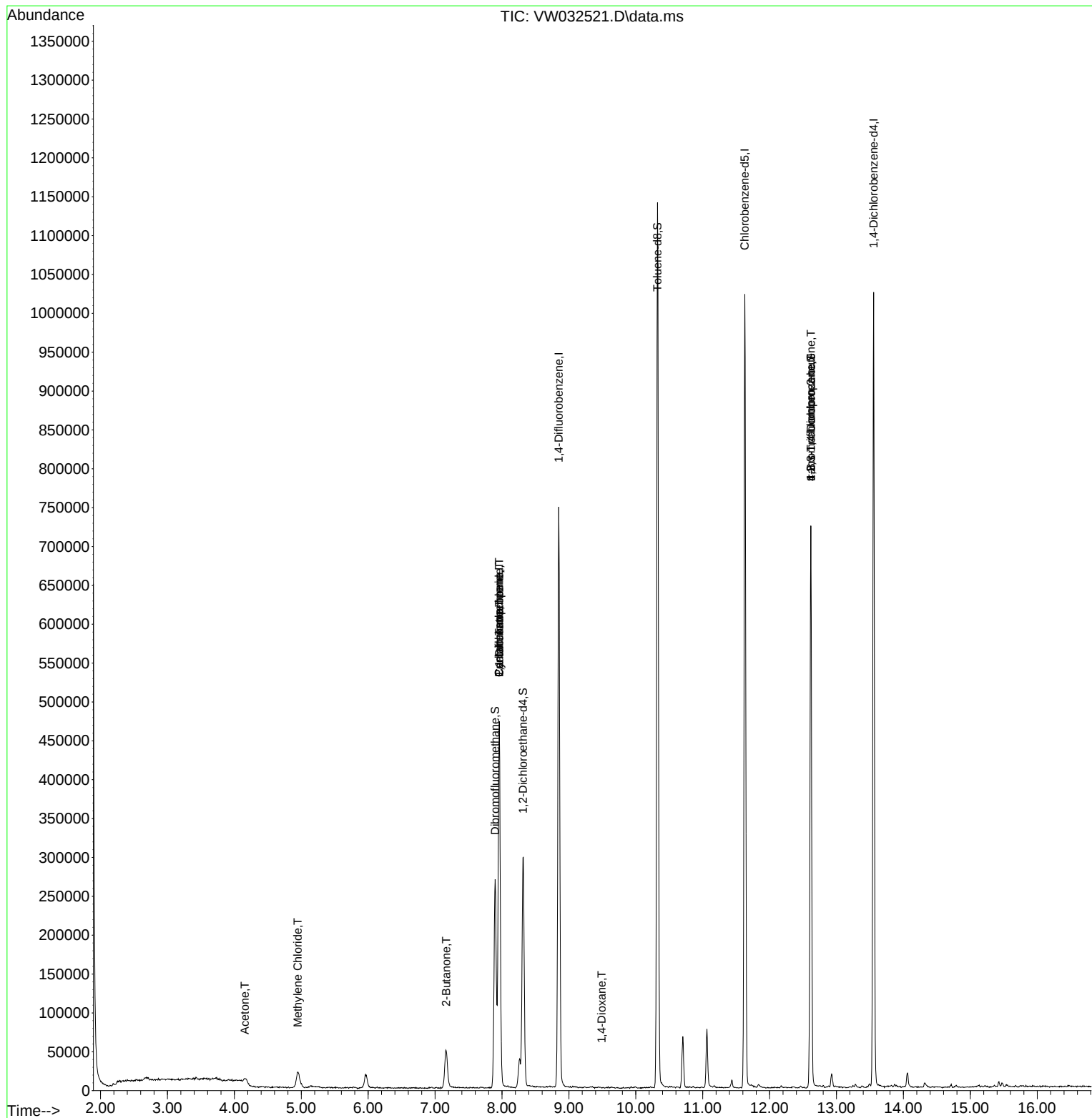
Internal Standards						
1) Pentafluorobenzene	7.959	168	328508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	615146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	556656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	251690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	240876	56.874	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 113.740%		
35) Dibromofluoromethane	7.898	113	201960	54.835	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 109.680%		
50) Toluene-d8	10.325	98	745408	52.756	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 105.520%		
62) 4-Bromofluorobenzene	12.617	95	261875	49.063	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 98.120%		
Target Compounds						
					Qvalue	
16) Acetone	4.155	43	1924	1.518	ug/l	98
20) Methylene Chloride	4.948	84	17891	3.948	ug/l	96
25) 2-Butanone	7.167	43	3309	1.773	ug/l #	69
31) Cyclohexane	7.959	56	7636	1.090	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	29937	5.517	ug/l #	50
38) Carbon Tetrachloride	7.959	117	35948	7.455	ug/l #	17
49) 1,4-Dioxane	9.489	88	59	1.656	ug/l #	89
76) 1,2,3-Trichloropropane	12.617	75	130926	37.938	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	130926	86.894	ug/l #	11

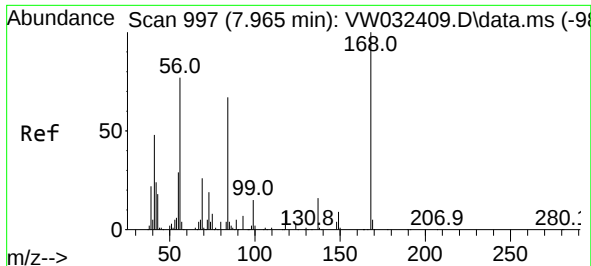
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112125\
Data File : VW032521.D
Acq On : 21 Nov 2025 12:55
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Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBL01

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Response via : Initial Calibration

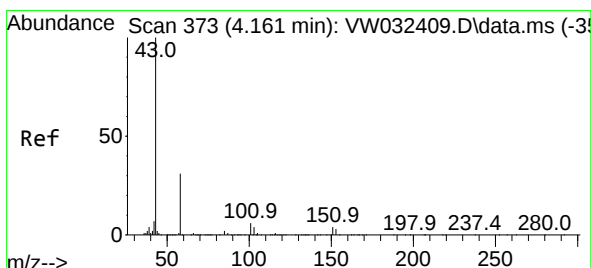
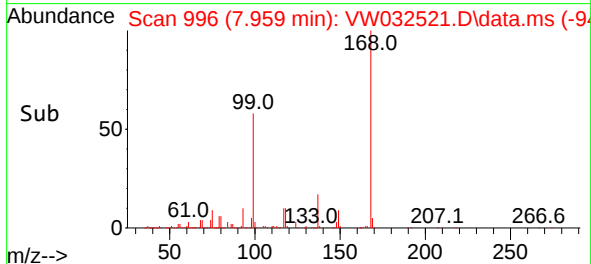
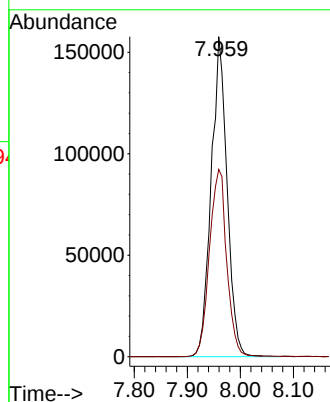
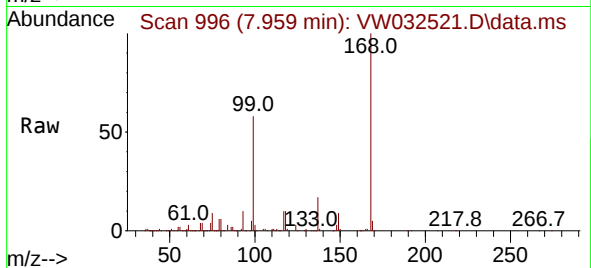




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032521.D
Acq: 21 Nov 2025 12:55

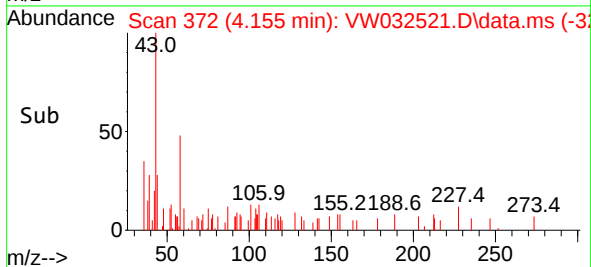
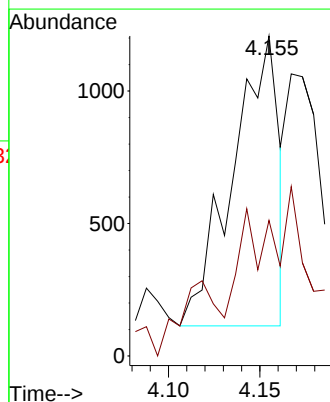
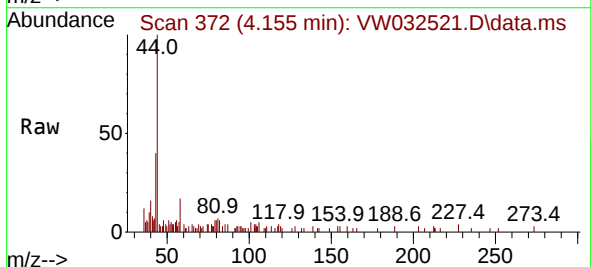
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBL01

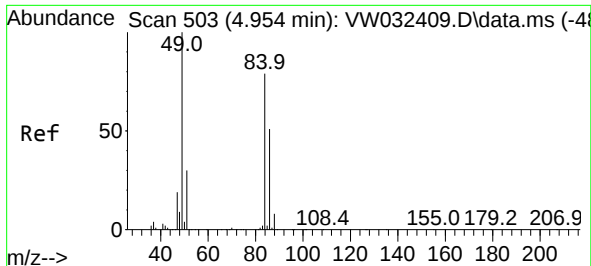
Tgt Ion:168 Resp: 328508
Ion Ratio Lower Upper
168 100
99 58.4 45.4 68.2



#16
Acetone
Concen: 1.518 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032521.D
Acq: 21 Nov 2025 12:55

Tgt Ion: 43 Resp: 1924
Ion Ratio Lower Upper
43 100
58 29.8 24.8 37.2

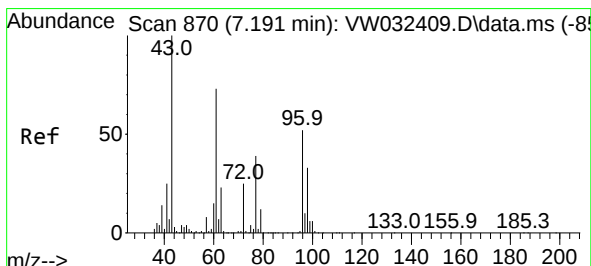
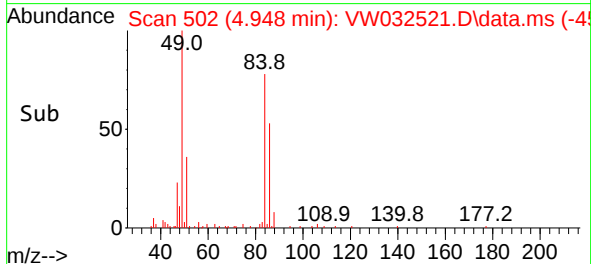
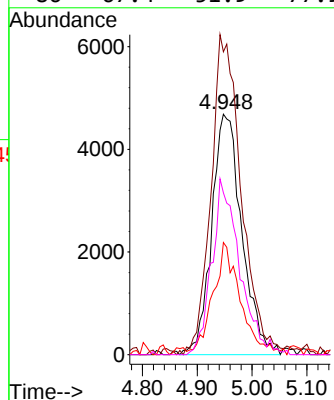
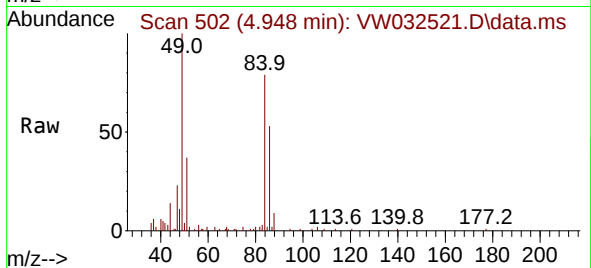




#20
Methylene Chloride
Concen: 3.948 ug/l
RT: 4.948 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032521.D
Acq: 21 Nov 2025 12:55

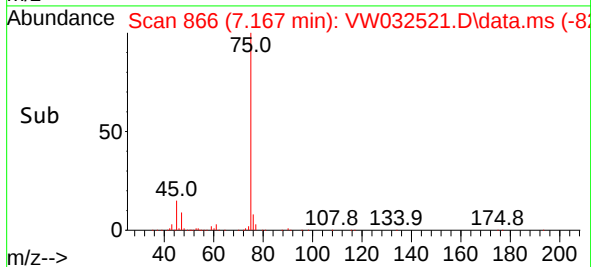
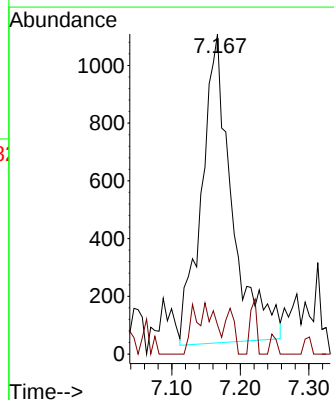
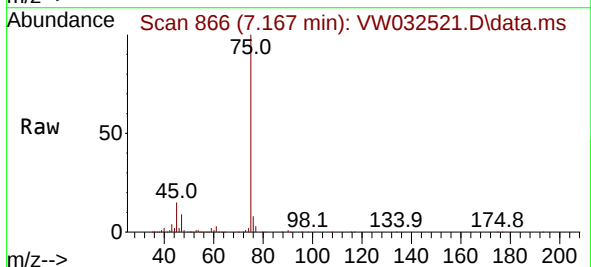
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBL01

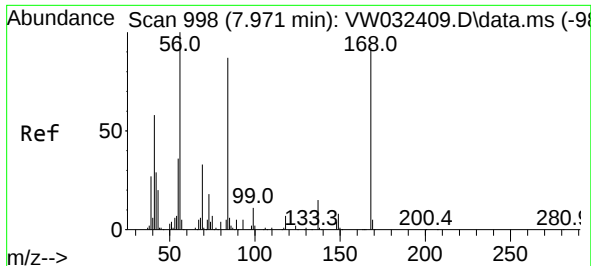
Tgt Ion:	84	Resp:	17891
Ion	Ratio	Lower	Upper
84	100		
49	124.2	101.5	152.3
51	45.0	30.6	46.0
86	67.4	51.9	77.9



#25
2-Butanone
Concen: 1.773 ug/l
RT: 7.167 min Scan# 866
Delta R.T. -0.024 min
Lab File: VW032521.D
Acq: 21 Nov 2025 12:55

Tgt Ion:	43	Resp:	3309
Ion	Ratio	Lower	Upper
43	100		
72	9.6	20.0	30.0

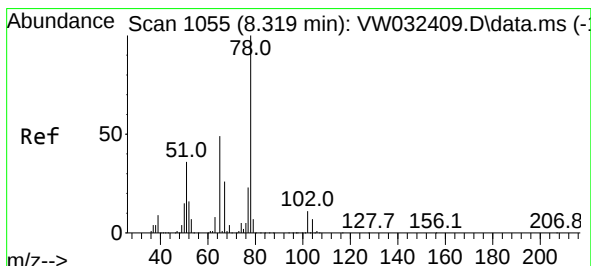
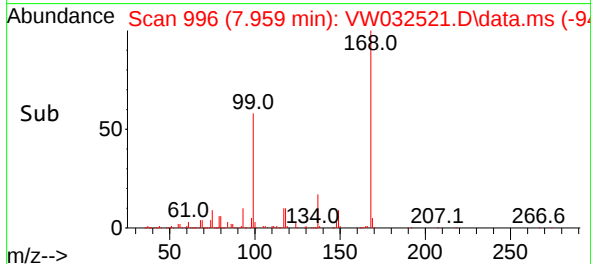
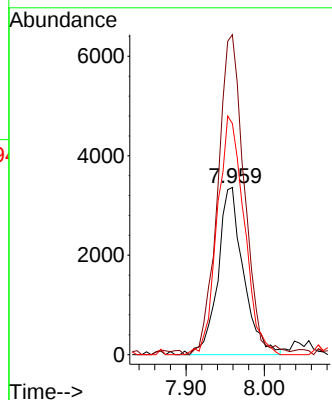
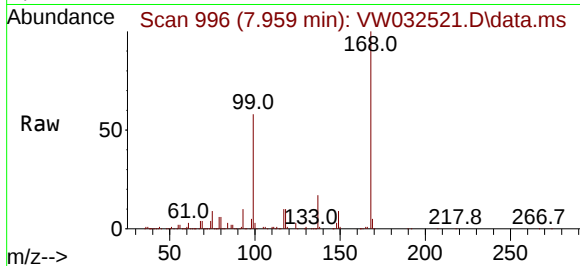




#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032521.D
Acq: 21 Nov 2025 12:55

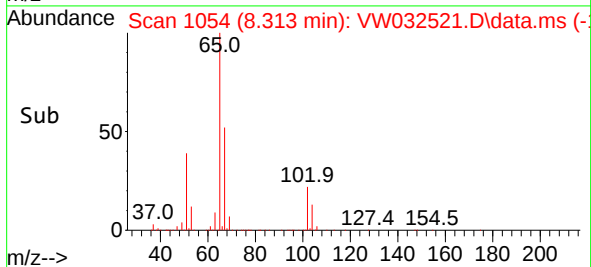
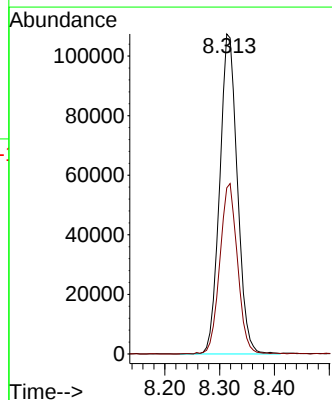
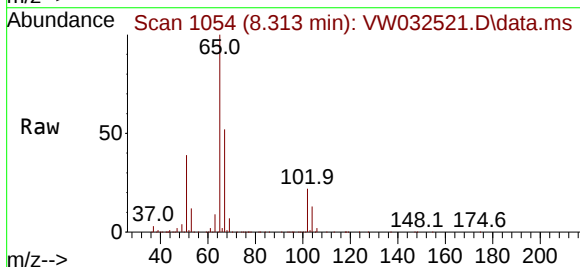
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBL01

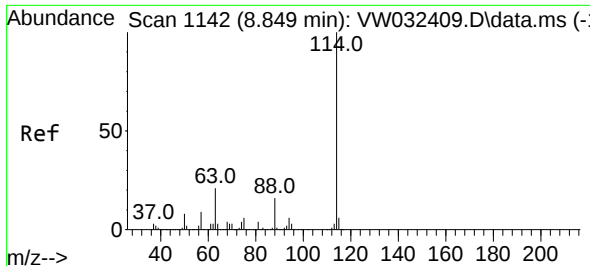
Tgt Ion: 56 Resp: 7636
Ion Ratio Lower Upper
56 100
69 188.8 26.5 39.7#
84 138.3 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 56.874 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032521.D
Acq: 21 Nov 2025 12:55

Tgt Ion: 65 Resp: 240876
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.8

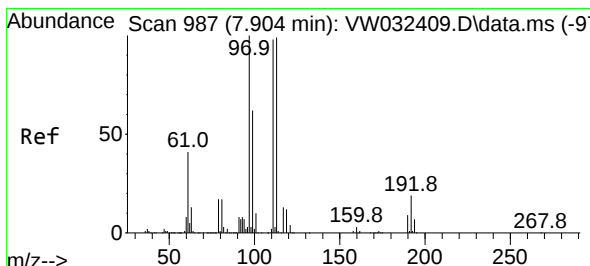
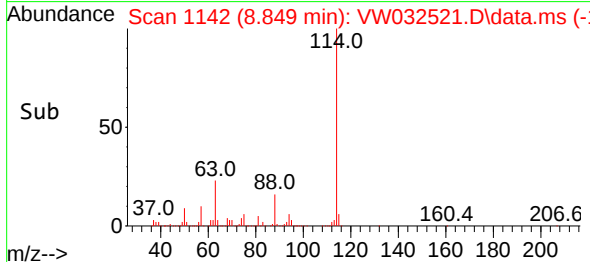
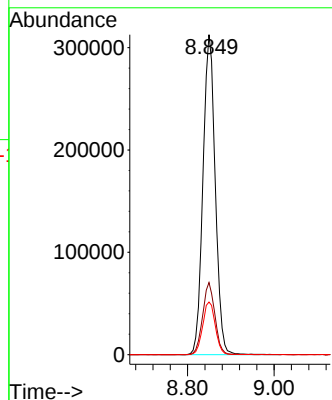
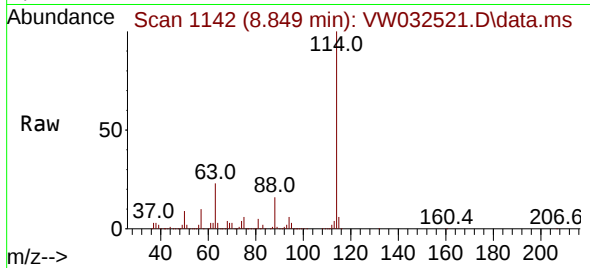




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032521.D
 Acq: 21 Nov 2025 12:55

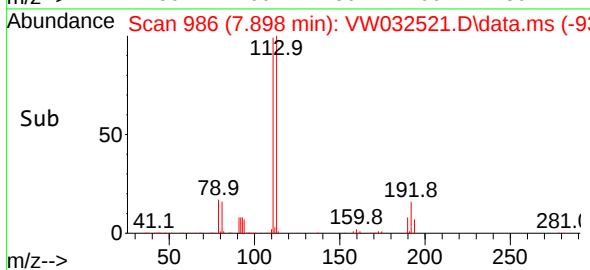
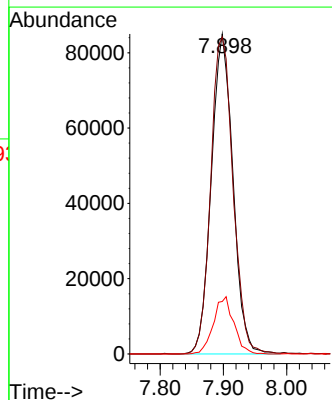
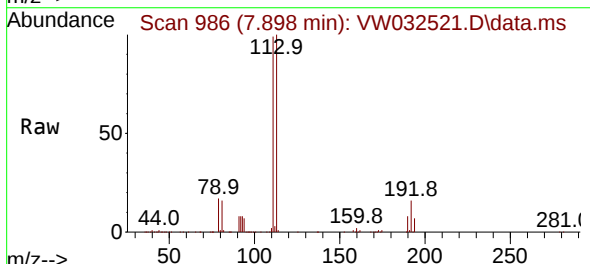
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBL01

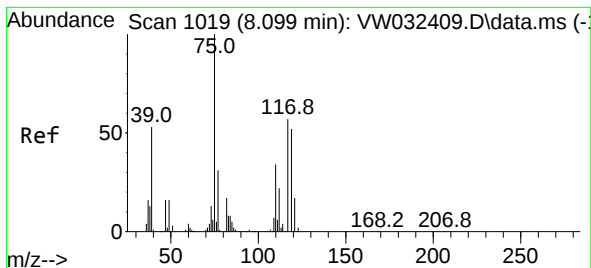
Tgt Ion:114	Resp:	615146
Ion	Ratio	Lower Upper
114	100	
63	22.5	0.0 41.8
88	16.4	0.0 32.6



#35
 Dibromofluoromethane
 Concen: 54.835 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW032521.D
 Acq: 21 Nov 2025 12:55

Tgt Ion:113	Resp:	201960
Ion	Ratio	Lower Upper
113	100	
111	102.0	83.1 124.7
192	16.8	13.4 20.2





#36

1,1-Dichloropropene

Concen: 5.517 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.140 min

Lab File: VW032521.D

Acq: 21 Nov 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBL01

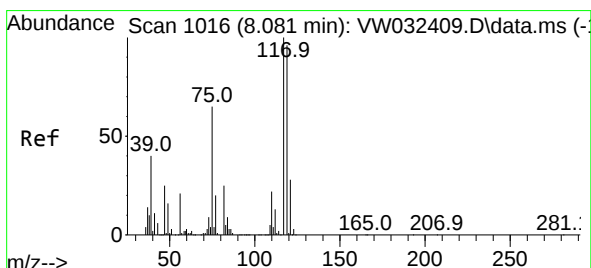
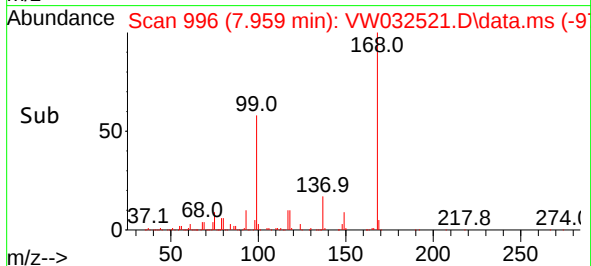
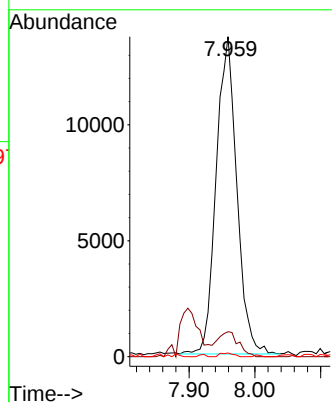
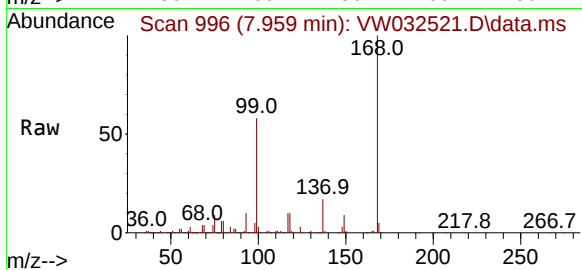
Tgt Ion: 75 Resp: 29937

Ion Ratio Lower Upper

75 100

110 7.8 17.2 51.5#

77 0.7 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 7.455 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW032521.D

Acq: 21 Nov 2025 12:55

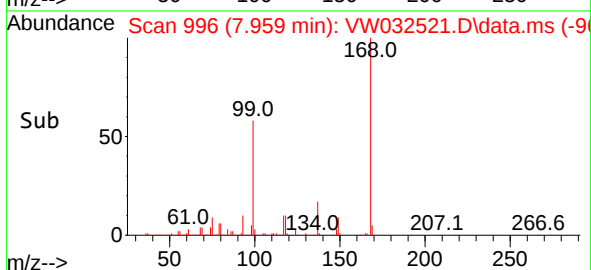
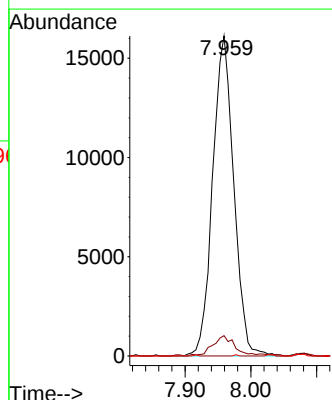
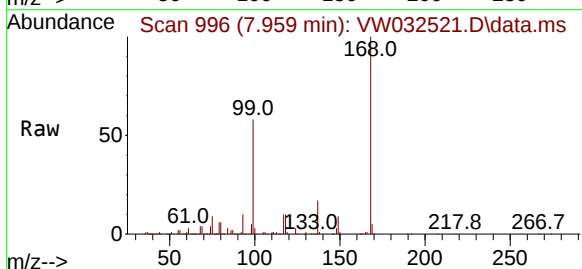
Tgt Ion: 117 Resp: 35948

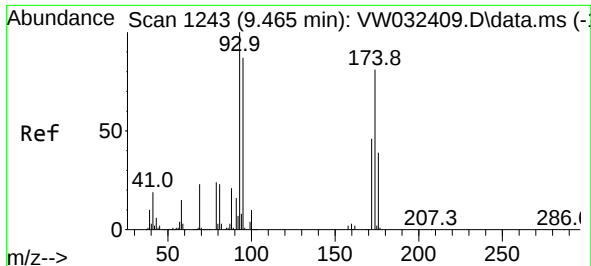
Ion Ratio Lower Upper

117 100

119 6.0 77.0 115.4#

121 0.0 22.0 33.0#





#49

1,4-Dioxane

Concen: 1.656 ug/l

RT: 9.489 min Scan# 11

Delta R.T. 0.024 min

Lab File: VW032521.D

Acq: 21 Nov 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBL01

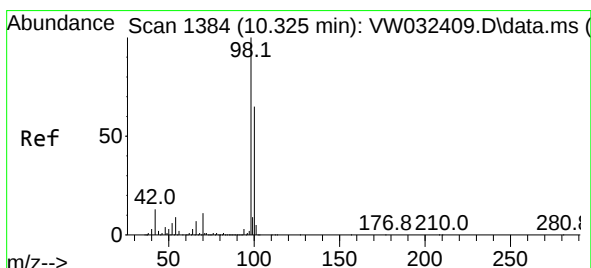
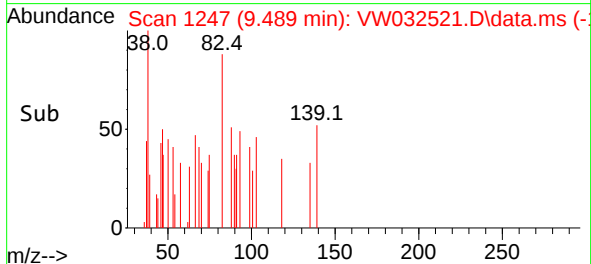
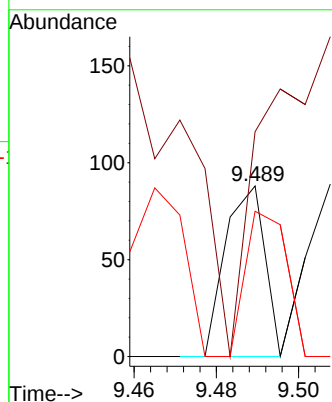
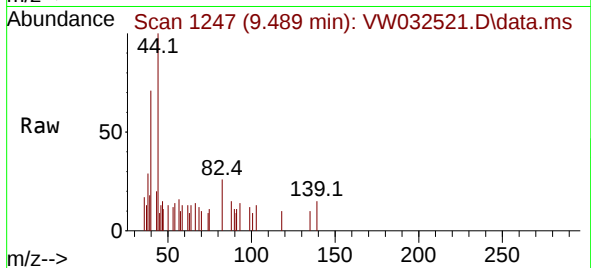
Tgt Ion: 88 Resp: 59

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 88.1 63.0 94.4



#50

Toluene-d8

Concen: 52.756 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032521.D

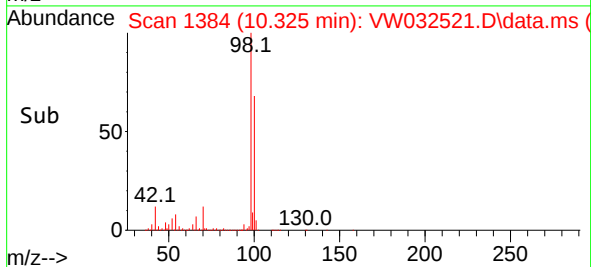
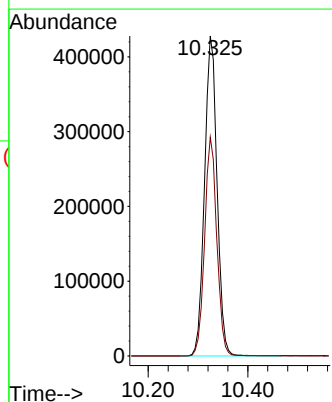
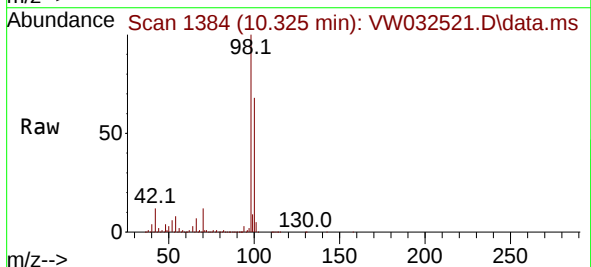
Acq: 21 Nov 2025 12:55

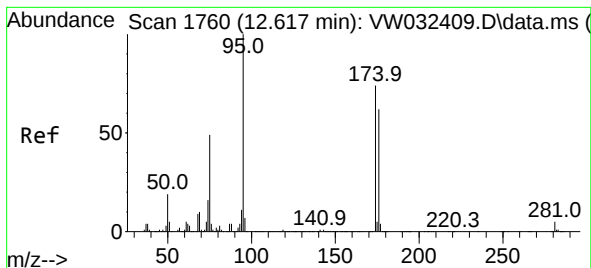
Tgt Ion: 98 Resp: 745408

Ion Ratio Lower Upper

98 100

100 66.7 53.3 79.9

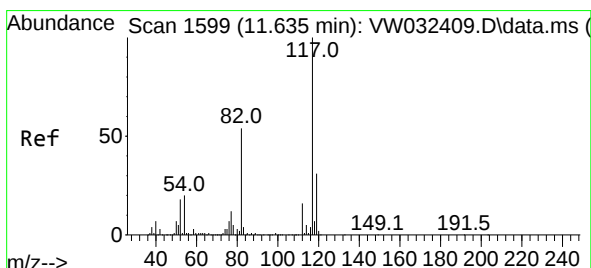
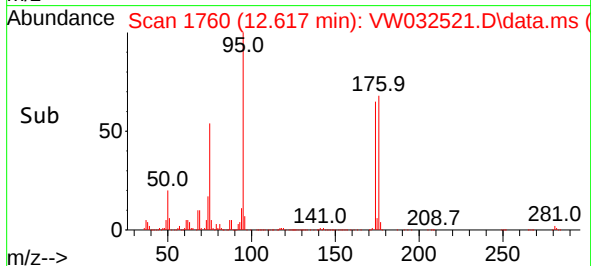
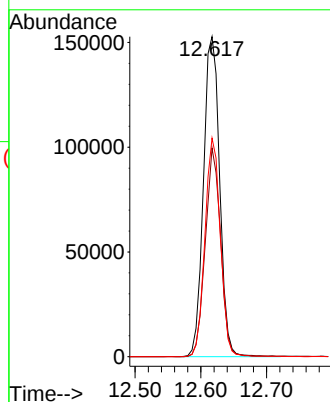
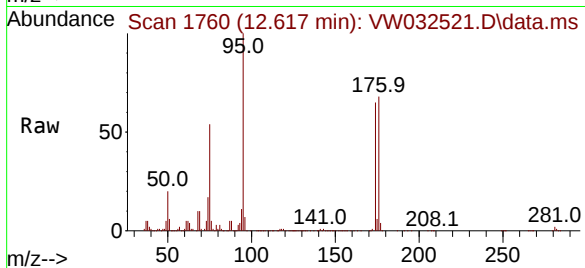




#62
4-Bromofluorobenzene
Concen: 49.063 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032521.D
Acq: 21 Nov 2025 12:55

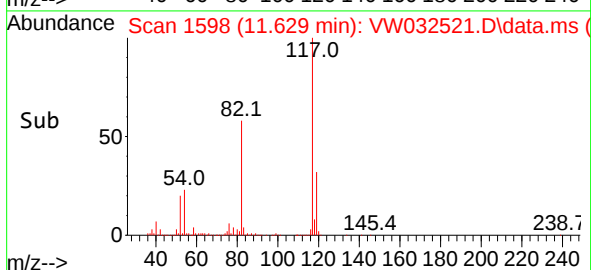
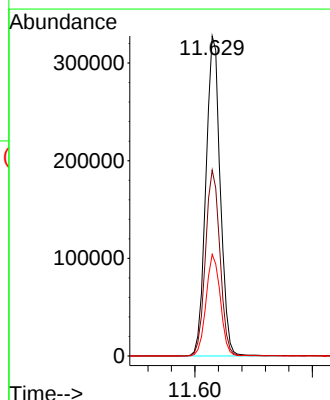
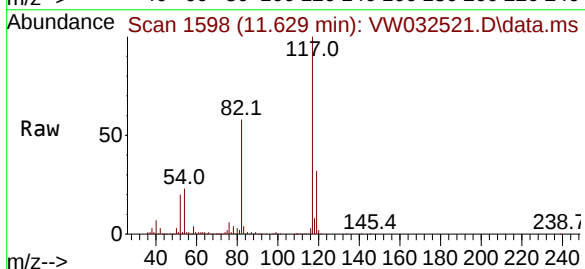
Instrument :
MSVOA_W
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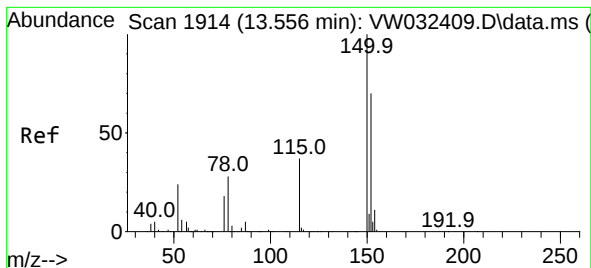
Tgt Ion: 95 Resp: 261875
Ion Ratio Lower Upper
95 100
174 61.8 0.0 135.4
176 65.2 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW032521.D
Acq: 21 Nov 2025 12:55

Tgt Ion: 117 Resp: 556656
Ion Ratio Lower Upper
117 100
82 58.1 43.0 64.4
119 31.8 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: VW032521.D

Acq: 21 Nov 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBL01

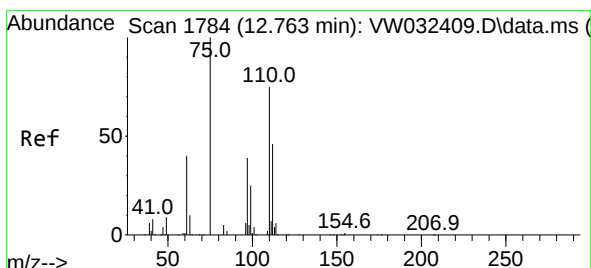
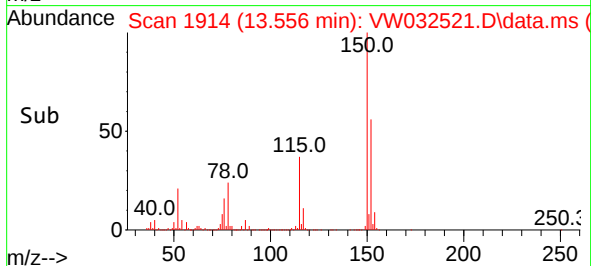
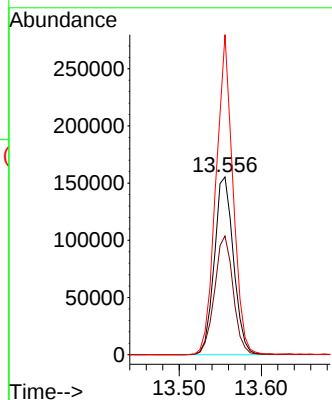
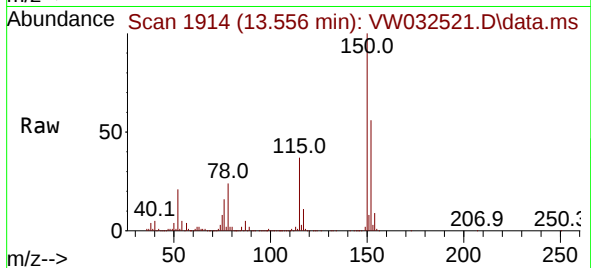
Tgt Ion:152 Resp: 251690

Ion Ratio Lower Upper

152 100

115 65.2 32.8 98.3

150 160.1 0.0 356.6



#76

1,2,3-Trichloropropane

Concen: 37.938 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. -0.146 min

Lab File: VW032521.D

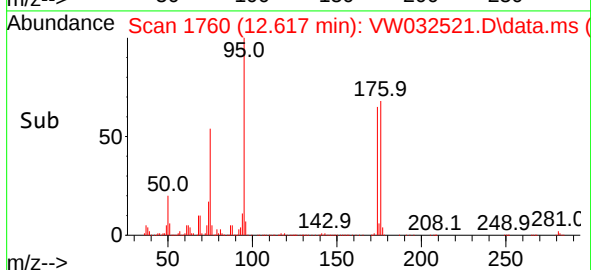
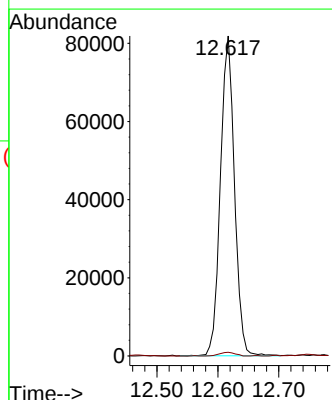
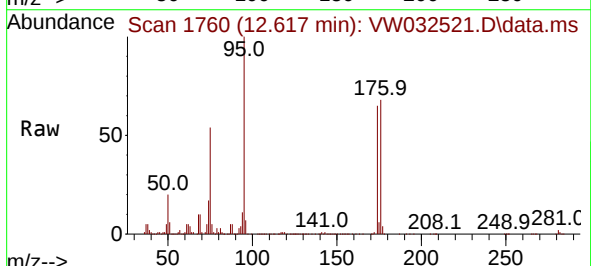
Acq: 21 Nov 2025 12:55

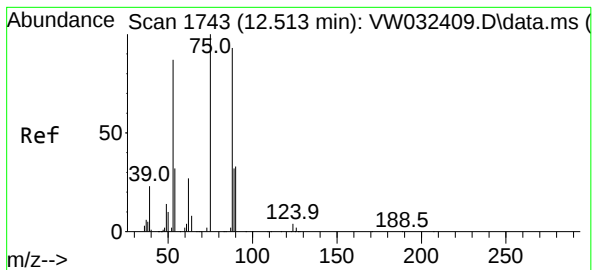
Tgt Ion: 75 Resp: 130926

Ion Ratio Lower Upper

75 100

77 1.3 151.6 454.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.894 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VW032521.D
 Acq: 21 Nov 2025 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBL01

Tgt Ion: 75 Resp: 130926
 Ion Ratio Lower Upper
 75 100
 53 0.3 77.8 116.8#
 89 0.0 35.6 53.4#

