

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032619.D
 Acq On : 11 Dec 2025 09:48
 Operator : SY/MD
 Sample : VW1211SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBL01

Quant Time: Dec 12 00:39:40 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)

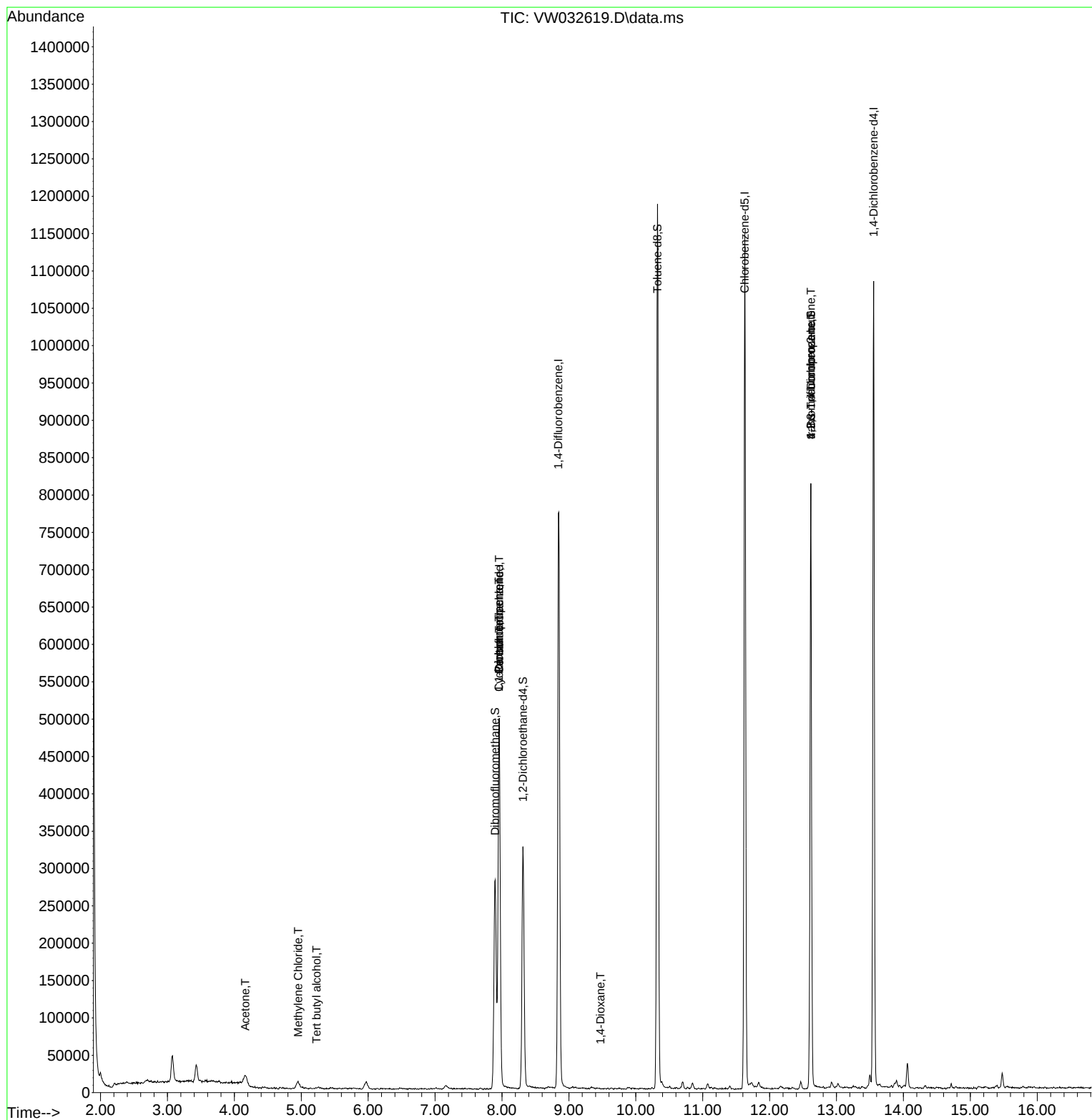
Internal Standards						
1) Pentafluorobenzene	7.959	168	336913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.843	114	655883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	585906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	262574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	262070	49.507	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	99.020%		
35) Dibromofluoromethane	7.898	113	214972	46.252	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	92.500%		
50) Toluene-d8	10.325	98	784019	46.578	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	93.160%		
62) 4-Bromofluorobenzene	12.617	95	277699	44.936	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	89.880%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.228	59	356	1.017	ug/l #	17
16) Acetone	4.161	43	21839	12.373	ug/l	100
20) Methylene Chloride	4.954	84	7510	1.394	ug/l #	84
31) Cyclohexane	7.953	56	9421	1.161	ug/l #	1
36) 1,1-Dichloropropene	7.953	75	32428	4.802	ug/l #	52
38) Carbon Tetrachloride	7.959	117	38360	6.142	ug/l #	18
49) 1,4-Dioxane	9.471	88	103	2.528	ug/l #	85
58) 2-Chloroethyl Vinyl ether	9.660	63	76	Below Cal		98
76) 1,2,3-Trichloropropane	12.617	75	138828	39.401	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	138828	84.981	ug/l #	7
95) Naphthalene	15.354	128	1070	Below Cal	#	93

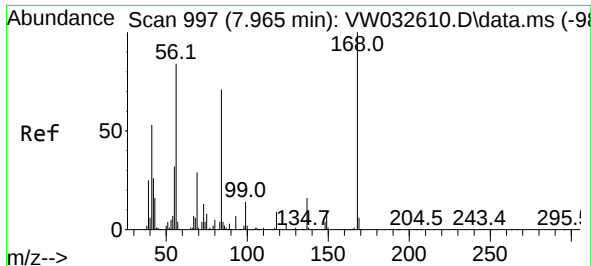
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
Data File : VW032619.D
Acq On : 11 Dec 2025 09:48
Operator : SY/MD
Sample : VW1211SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBL01

Quant Time: Dec 12 00:39:40 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

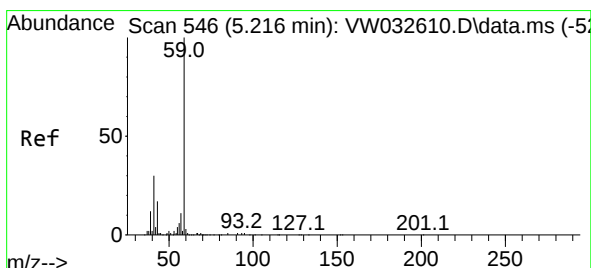
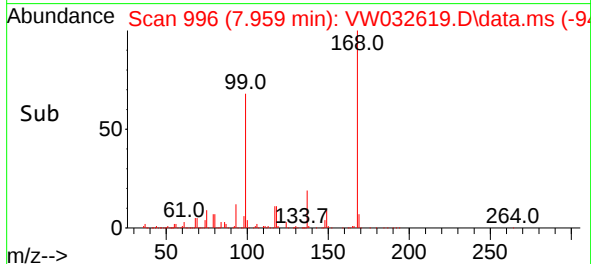
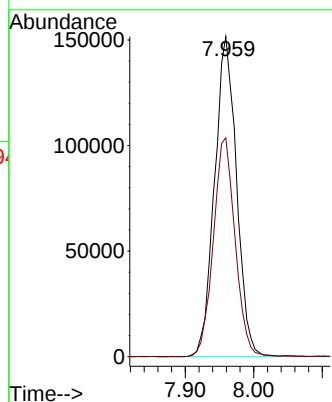
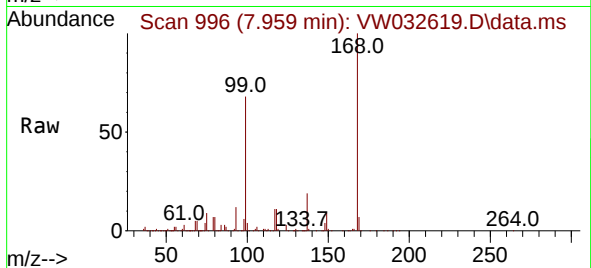




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032619.D
Acq: 11 Dec 2025 09:48

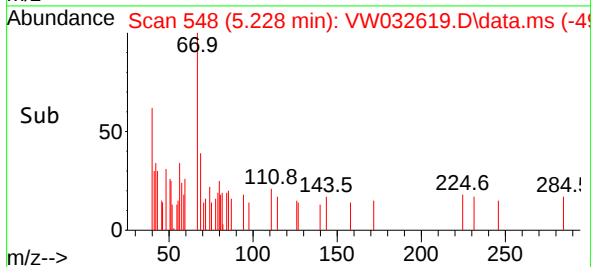
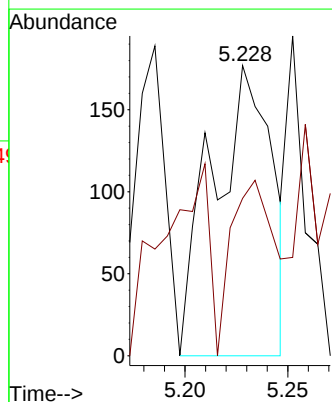
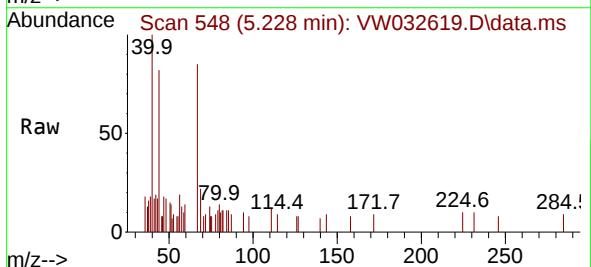
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBL01

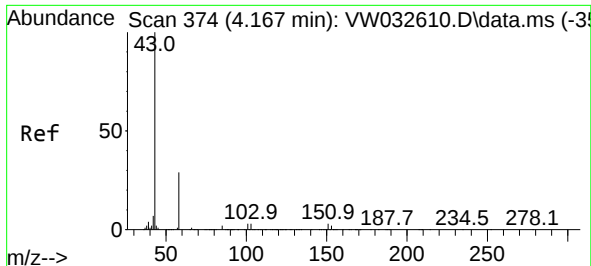
Tgt Ion:168 Resp: 336913
Ion Ratio Lower Upper
168 100
99 68.4 47.8 71.8



#11
Tert butyl alcohol
Concen: 1.017 ug/l
RT: 5.228 min Scan# 548
Delta R.T. 0.012 min
Lab File: VW032619.D
Acq: 11 Dec 2025 09:48

Tgt Ion: 59 Resp: 356
Ion Ratio Lower Upper
59 100
57 43.5 9.4 14.0#

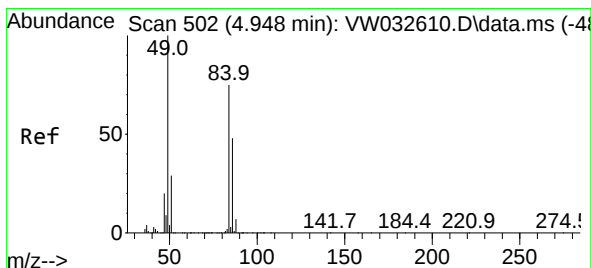
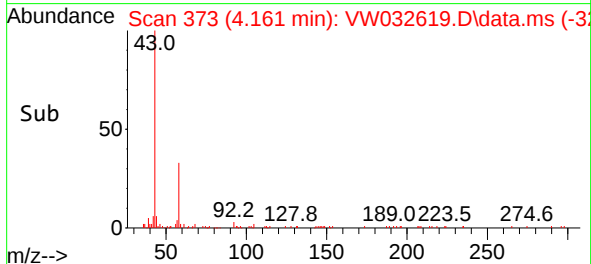
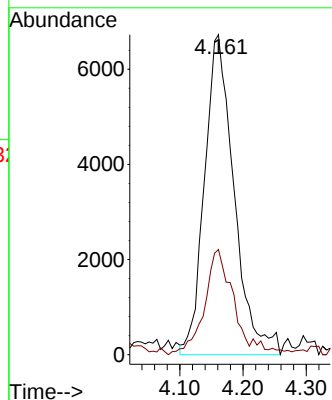
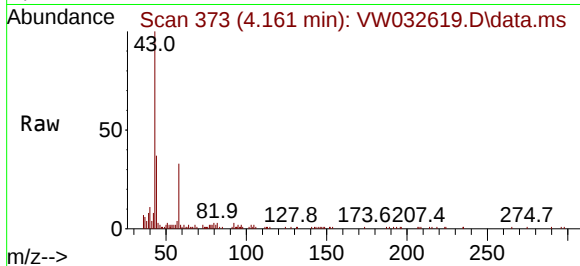




#16
Acetone
Concen: 12.373 ug/l
RT: 4.161 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032619.D
Acq: 11 Dec 2025 09:48

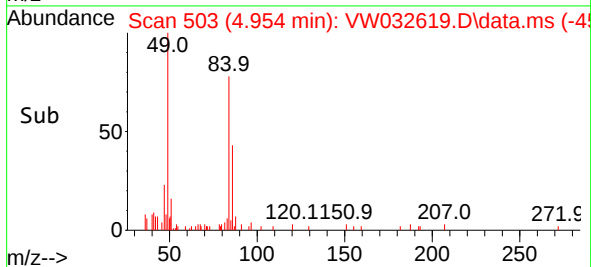
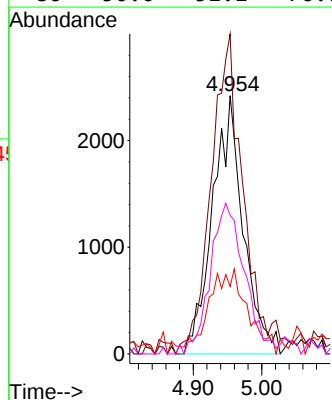
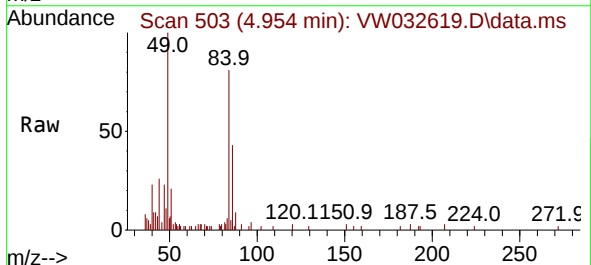
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBL01

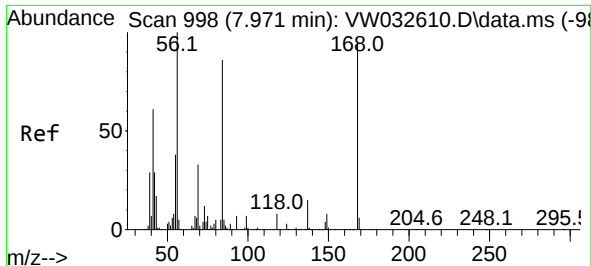
Tgt Ion: 43 Resp: 21839
Ion Ratio Lower Upper
43 100
58 30.0 23.9 35.9



#20
Methylene Chloride
Concen: 1.394 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW032619.D
Acq: 11 Dec 2025 09:48

Tgt Ion: 84 Resp: 7510
Ion Ratio Lower Upper
84 100
49 118.2 106.9 160.3
51 23.3 31.4 47.2#
86 50.0 51.1 76.7#

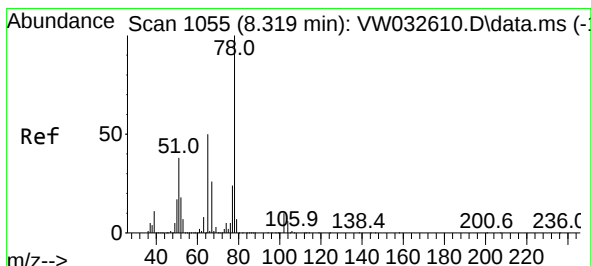
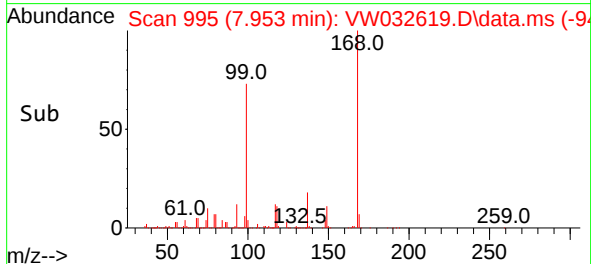
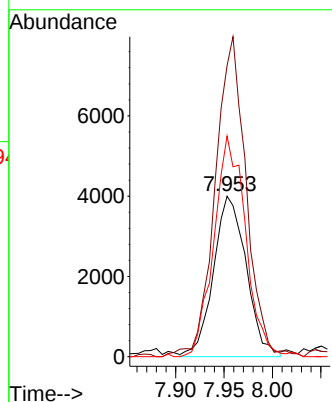
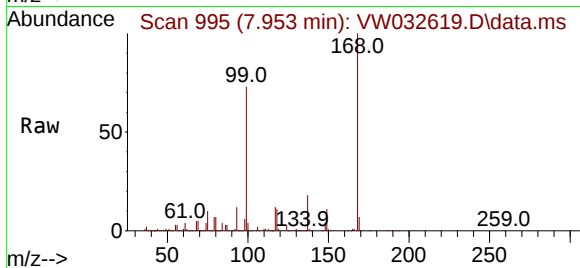




#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.953 min Scan# 991
Delta R.T. -0.018 min
Lab File: VW032619.D
Acq: 11 Dec 2025 09:48

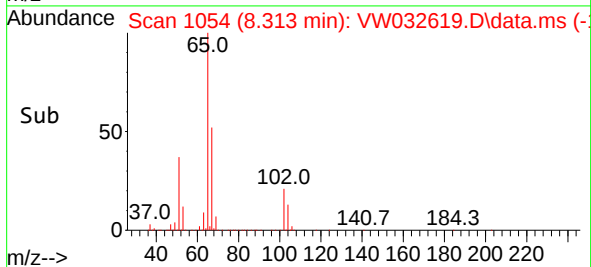
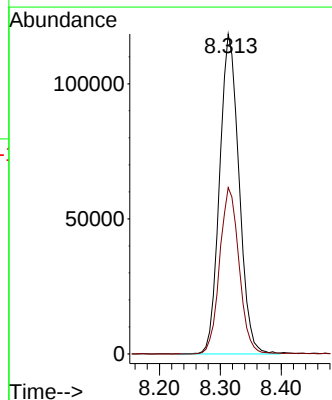
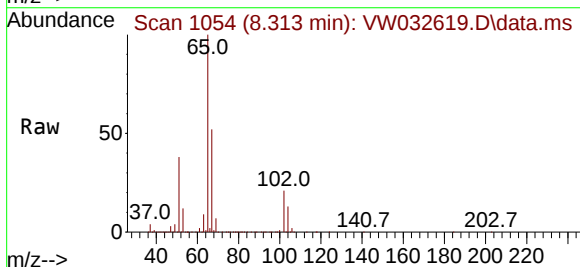
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBL01

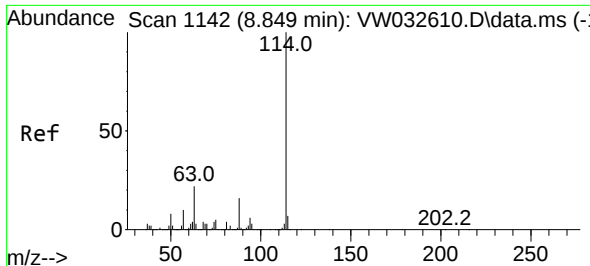
Tgt Ion: 56 Resp: 9421
Ion Ratio Lower Upper
56 100
69 180.1 26.2 39.2#
84 139.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 49.507 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032619.D
Acq: 11 Dec 2025 09:48

Tgt Ion: 65 Resp: 262070
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.6

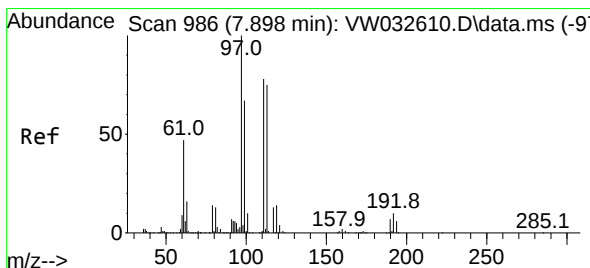
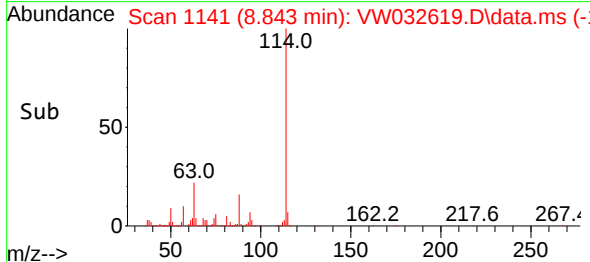
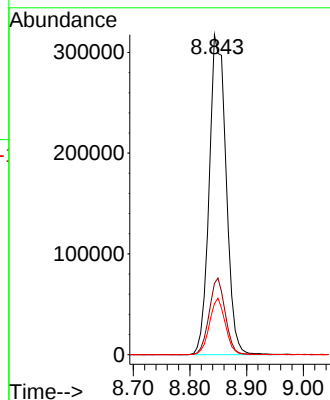
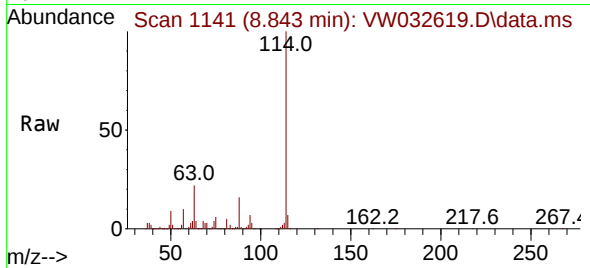




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.843 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VW032619.D
Acq: 11 Dec 2025 09:48

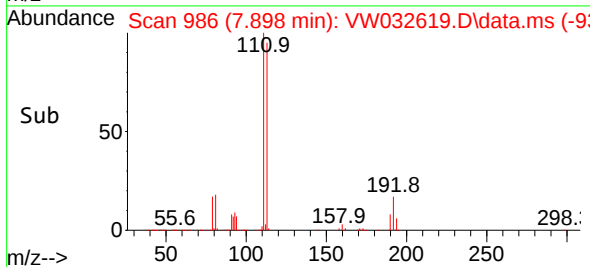
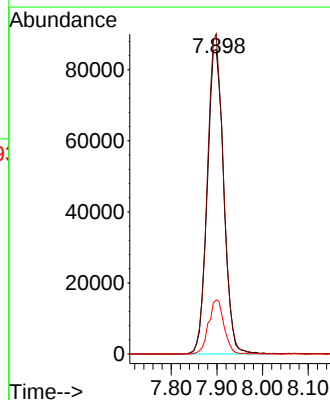
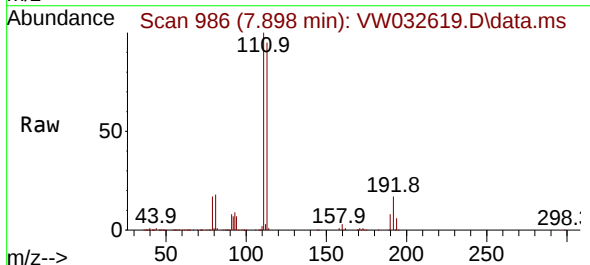
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBL01

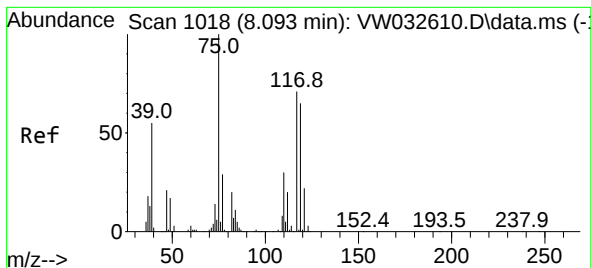
Tgt Ion:114 Resp: 655883
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.6
88 15.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.252 ug/l
RT: 7.898 min Scan# 986
Delta R.T. 0.000 min
Lab File: VW032619.D
Acq: 11 Dec 2025 09:48

Tgt Ion:113 Resp: 214972
Ion Ratio Lower Upper
113 100
111 102.5 85.2 127.8
192 16.6 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.802 ug/l

RT: 7.953 min Scan# 995

Delta R.T. -0.140 min

Lab File: VW032619.D

Acq: 11 Dec 2025 09:48

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBL01

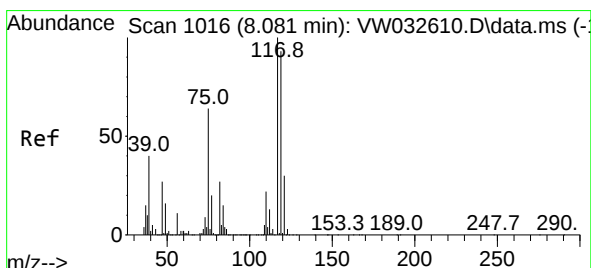
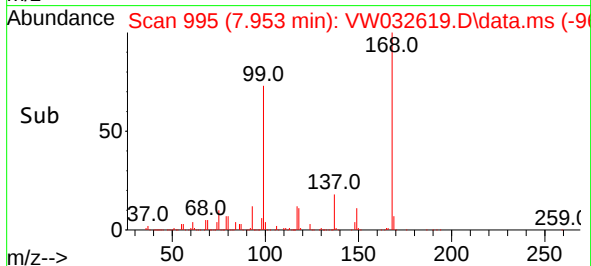
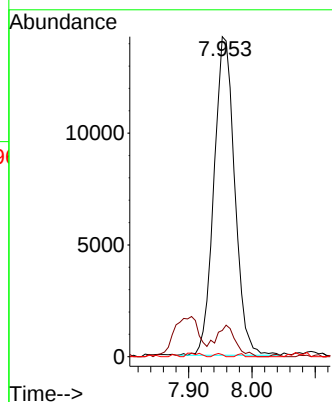
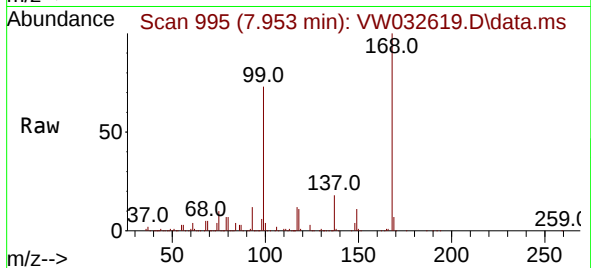
Tgt Ion: 75 Resp: 32428

Ion Ratio Lower Upper

75 100

110 9.4 16.3 48.9#

77 0.4 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.142 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW032619.D

Acq: 11 Dec 2025 09:48

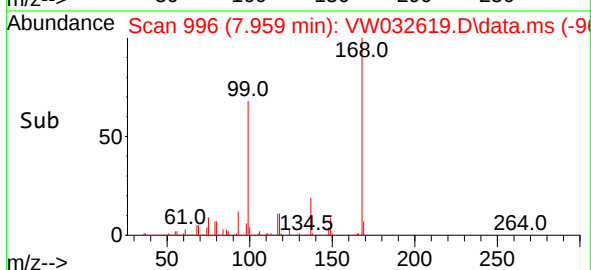
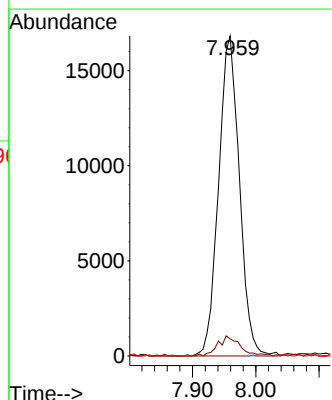
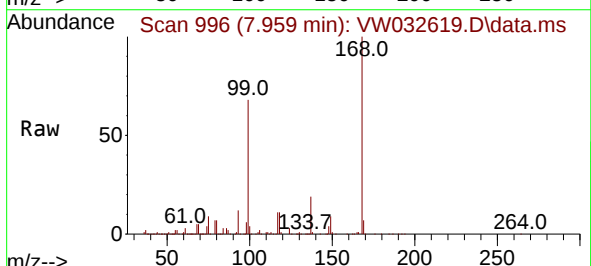
Tgt Ion: 117 Resp: 38360

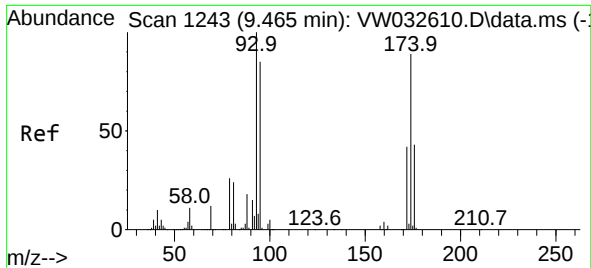
Ion Ratio Lower Upper

117 100

119 5.4 74.3 111.5#

121 0.0 23.6 35.4#

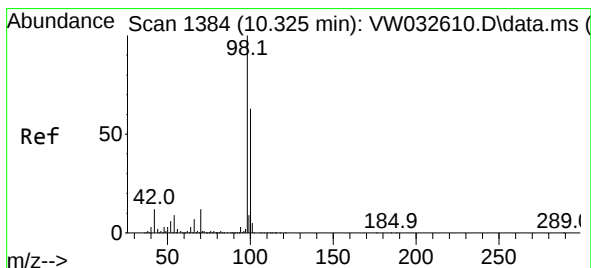
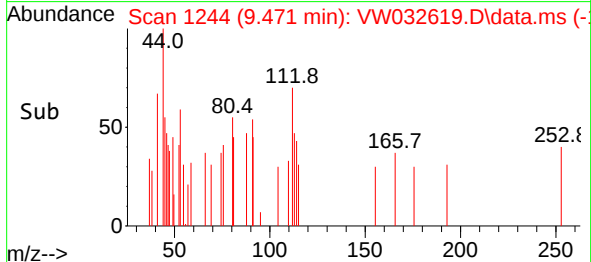
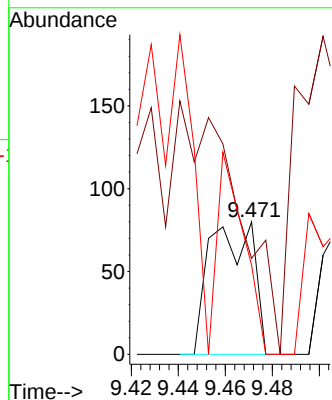
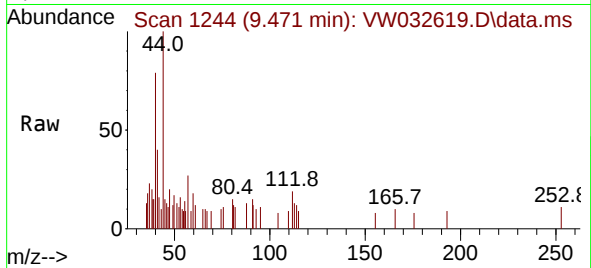




#49
1,4-Dioxane
Concen: 2.528 ug/l
RT: 9.471 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032619.D
Acq: 11 Dec 2025 09:48

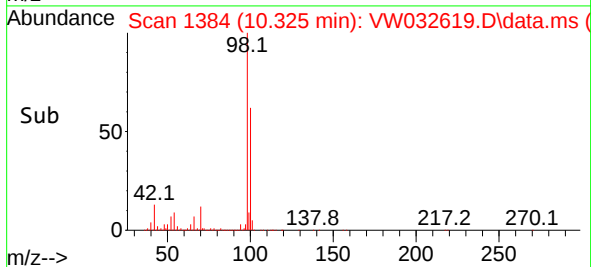
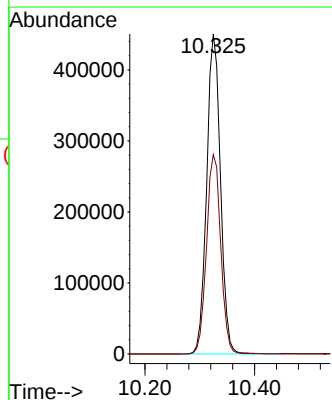
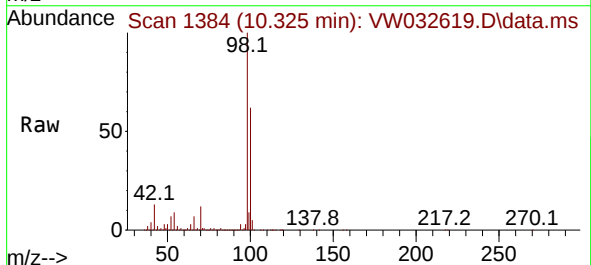
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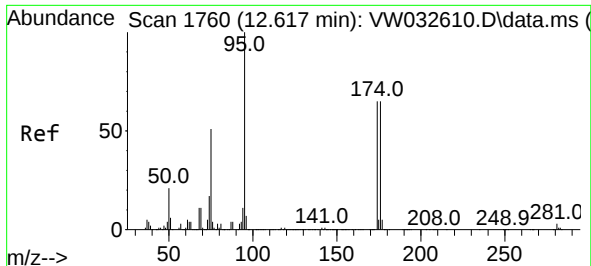
Tgt Ion: 88 Resp: 103
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 93.2 63.8 95.8



#50
Toluene-d8
Concen: 46.578 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032619.D
Acq: 11 Dec 2025 09:48

Tgt Ion: 98 Resp: 784019
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2

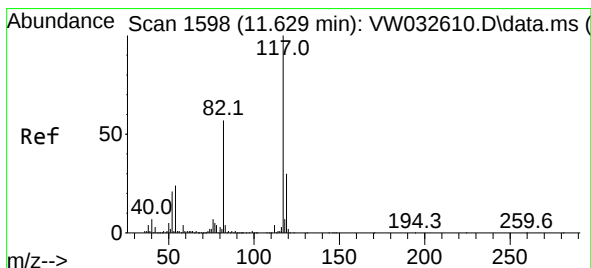
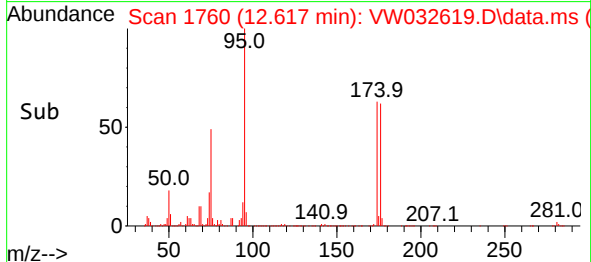
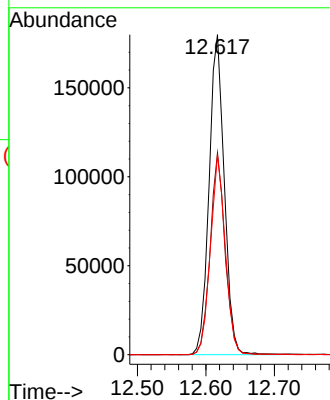
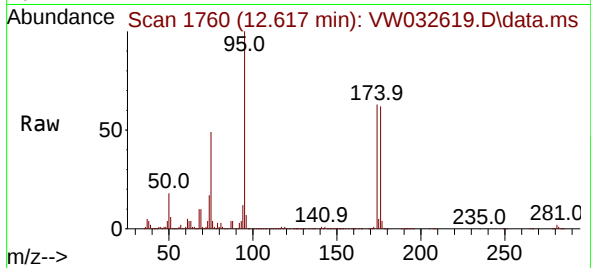




#62
4-Bromofluorobenzene
Concen: 44.936 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032619.D
Acq: 11 Dec 2025 09:48

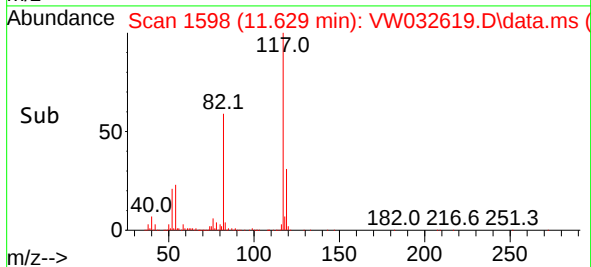
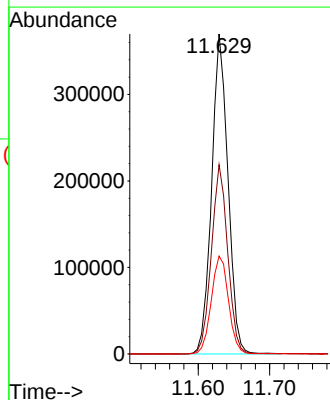
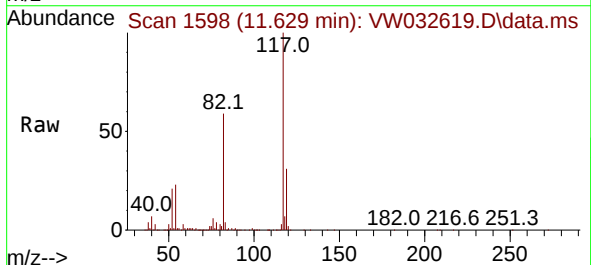
Instrument :
MSVOA_W
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VW1211SBL01

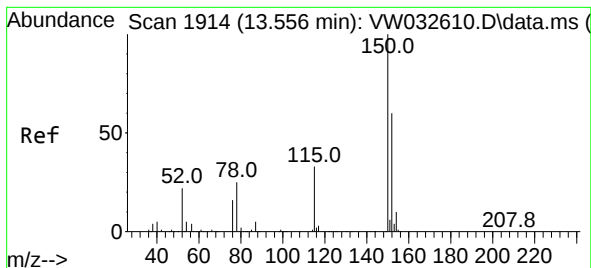
Tgt Ion: 95 Resp: 277699
Ion Ratio Lower Upper
95 100
174 62.0 0.0 135.0
176 60.9 0.0 123.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW032619.D
Acq: 11 Dec 2025 09:48

Tgt Ion: 117 Resp: 585906
Ion Ratio Lower Upper
117 100
82 59.1 45.5 68.3
119 30.6 23.8 35.8

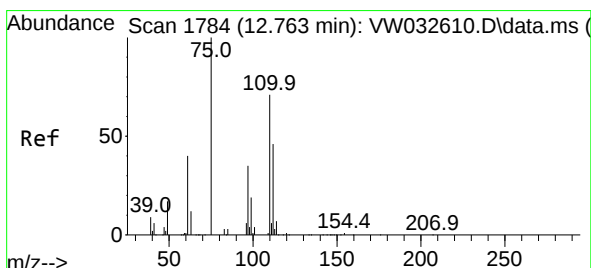
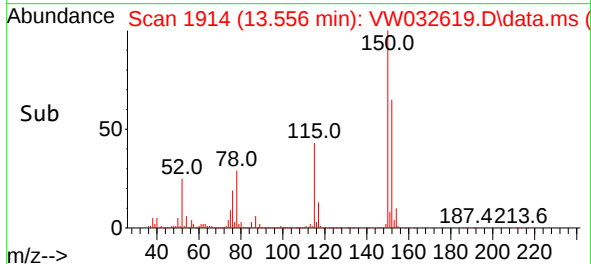
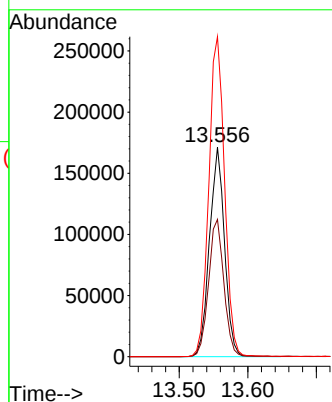
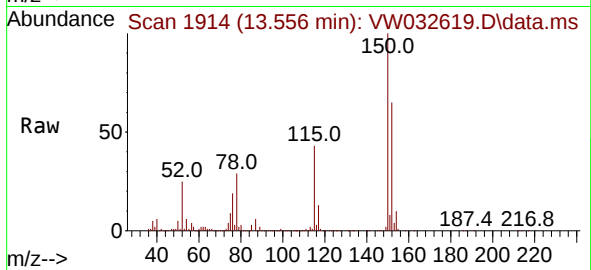




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032619.D
Acq: 11 Dec 2025 09:48

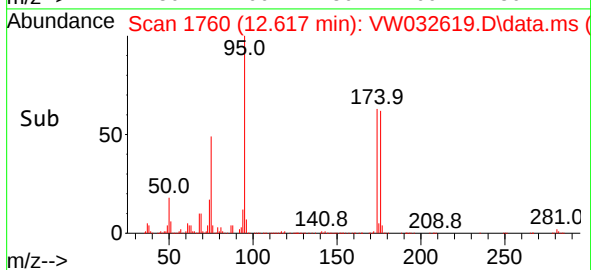
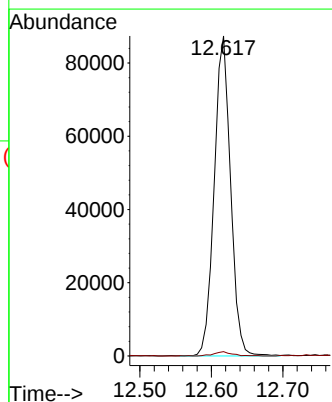
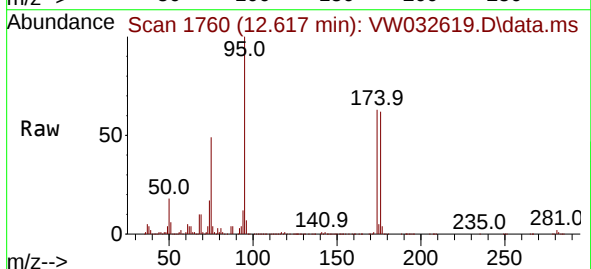
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBL01

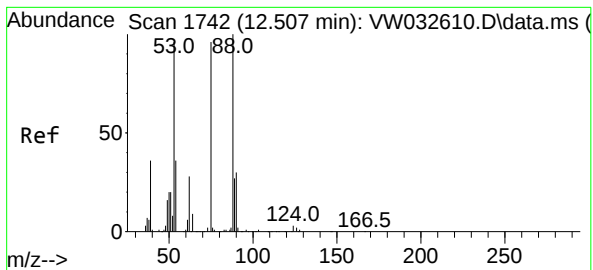
Tgt Ion:152 Resp: 262574
Ion Ratio Lower Upper
152 100
115 66.7 33.8 101.3
150 159.9 0.0 369.4



#76
1,2,3-Trichloropropane
Concen: 39.401 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW032619.D
Acq: 11 Dec 2025 09:48

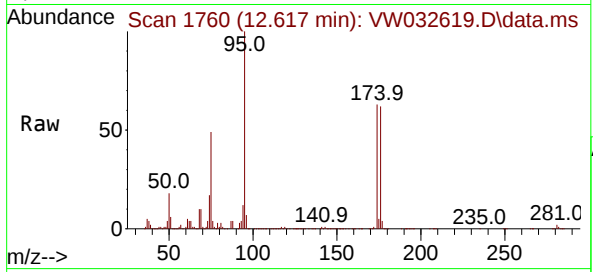
Tgt Ion: 75 Resp: 138828
Ion Ratio Lower Upper
75 100
77 1.5 154.0 462.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.981 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.110 min
Lab File: VW032619.D
Acq: 11 Dec 2025 09:48

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBL01



Tgt Ion: 75 Resp: 138828
Ion Ratio Lower Upper
75 100
53 0.4 86.1 129.1#
89 0.0 37.4 56.2#

