

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120525\
 Data File : VW032573.D
 Acq On : 05 Dec 2025 12:33
 Operator : SY/MD
 Sample : VW1205SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBL01

Quant Time: Dec 05 22:58:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 04:04:32 2025
 Response via : Initial Calibration

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

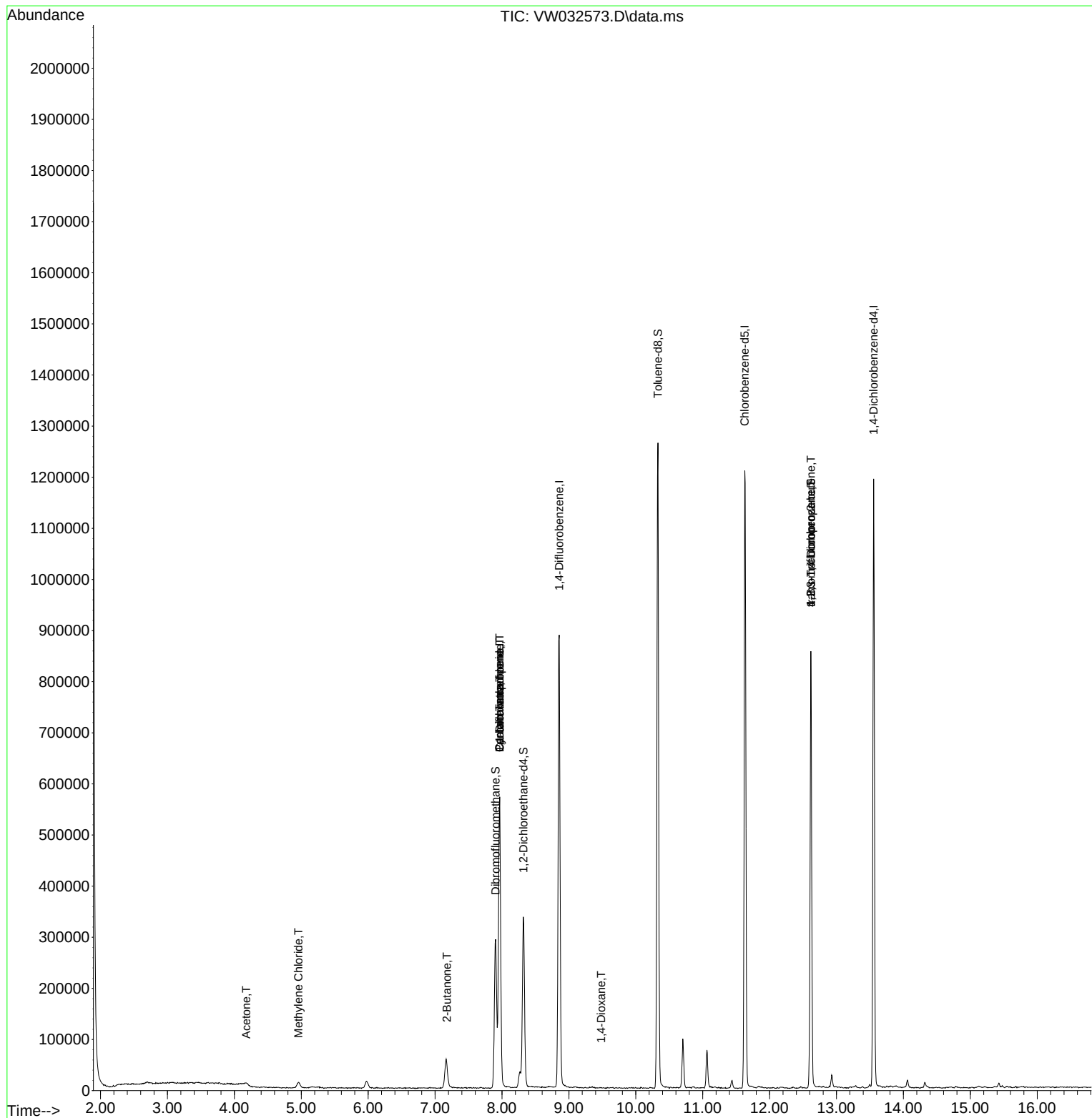
Internal Standards						
1) Pentafluorobenzene	7.965	168	387344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	731795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	668404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	286491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	273893	47.514	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	95.020%
35) Dibromofluoromethane	7.904	113	218353	45.342	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	90.680%
50) Toluene-d8	10.331	98	837962	46.243	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	92.480%
62) 4-Bromofluorobenzene	12.617	95	288738	43.128	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	86.260%
Target Compounds						
					Qvalue	
16) Acetone	4.179	43	4877	2.708	ug/l #	63
20) Methylene Chloride	4.960	84	8769	1.361	ug/l	89
25) 2-Butanone	7.179	43	3510	1.518	ug/l #	55
31) Cyclohexane	7.965	56	11012	1.192	ug/l #	1
36) 1,1-Dichloropropene	7.965	75	37253	5.072	ug/l #	50
38) Carbon Tetrachloride	7.965	117	43253	6.338	ug/l #	16
49) 1,4-Dioxane	9.483	88	65	1.618	ug/l #	62
76) 1,2,3-Trichloropropane	12.617	75	145267	37.472	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	145267	88.134	ug/l #	10

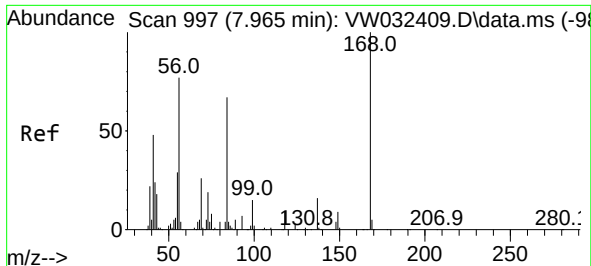
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120525\
Data File : VW032573.D
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Operator : SY/MD
Sample : VW1205SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBL01

Quant Time: Dec 05 22:58:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration

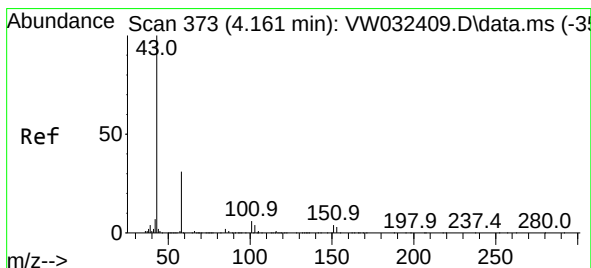
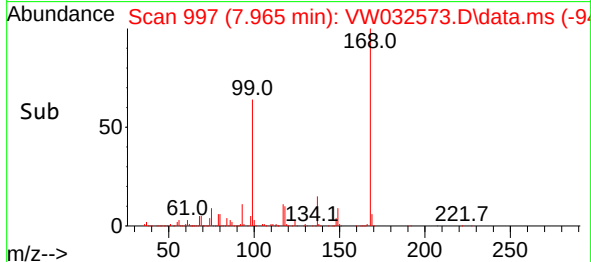
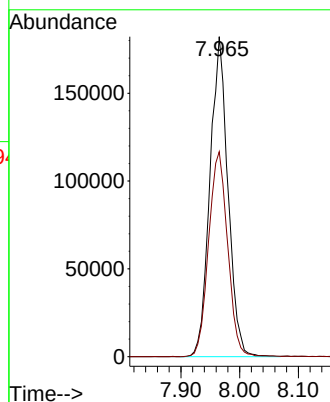
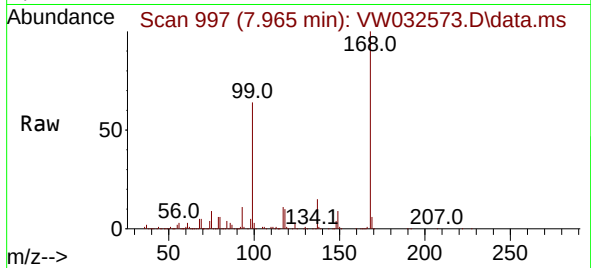




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032573.D
Acq: 05 Dec 2025 12:33

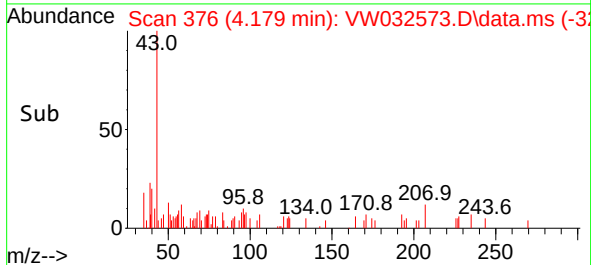
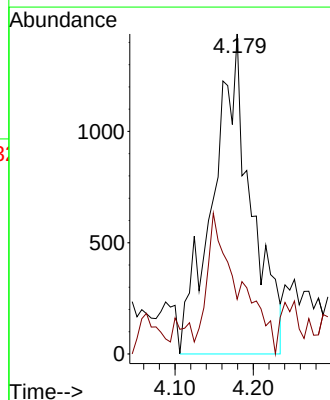
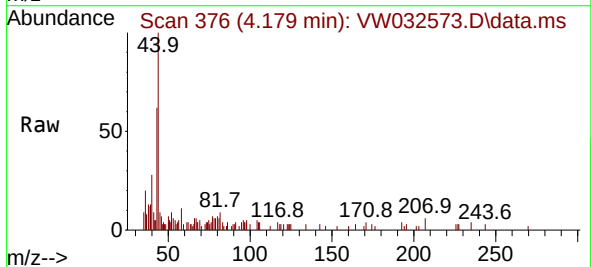
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBL01

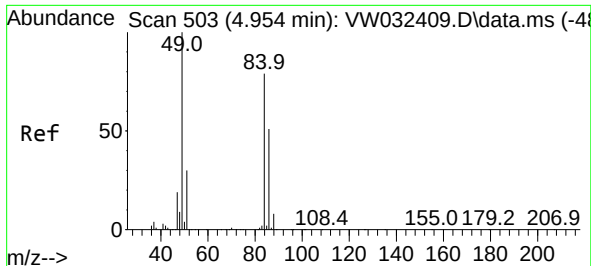
Tgt Ion:168 Resp: 387344
Ion Ratio Lower Upper
168 100
99 64.1 51.8 77.8



#16
Acetone
Concen: 2.708 ug/l
RT: 4.179 min Scan# 376
Delta R.T. 0.018 min
Lab File: VW032573.D
Acq: 05 Dec 2025 12:33

Tgt Ion: 43 Resp: 4877
Ion Ratio Lower Upper
43 100
58 9.4 23.5 35.3#



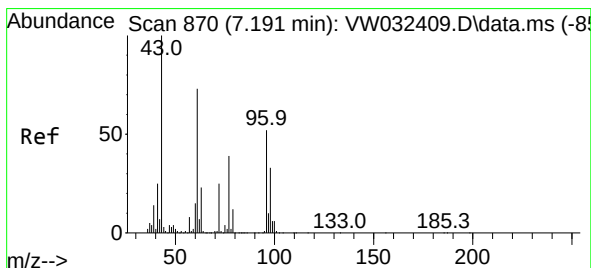
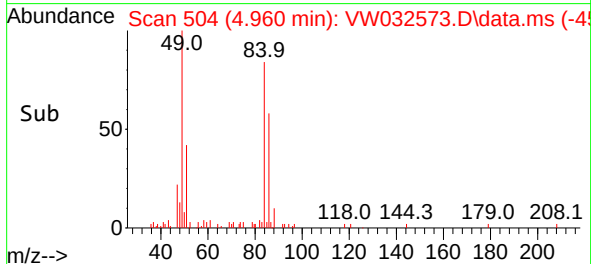
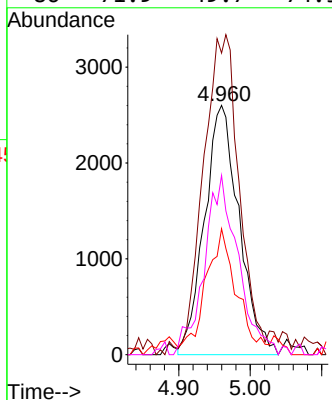
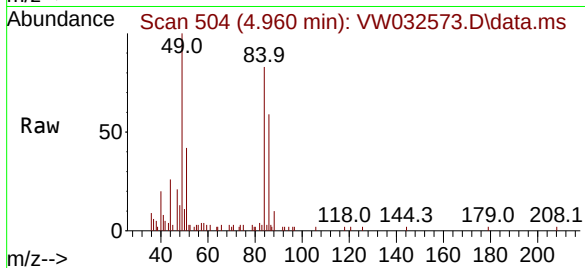


#20
Methylene Chloride
Concen: 1.361 ug/l
RT: 4.960 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW032573.D
Acq: 05 Dec 2025 12:33

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBL01

Tgt Ion: 84 Resp: 8769

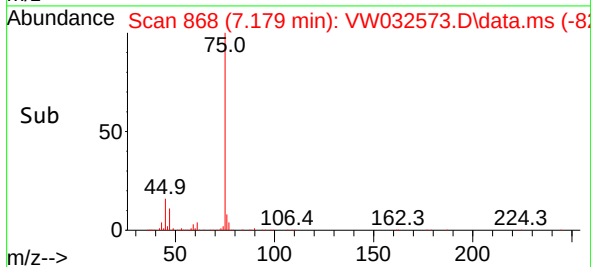
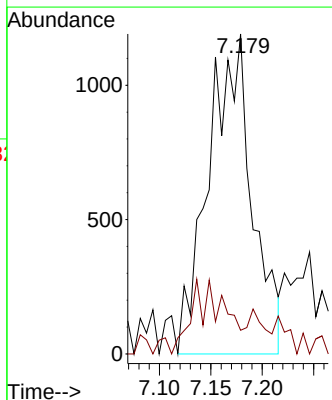
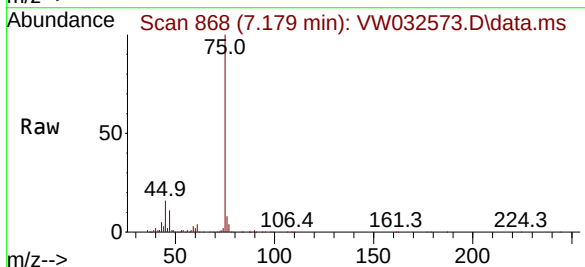
Ion	Ratio	Lower	Upper
84	100		
49	118.5	107.6	161.4
51	44.3	33.9	50.9
86	71.9	49.7	74.5

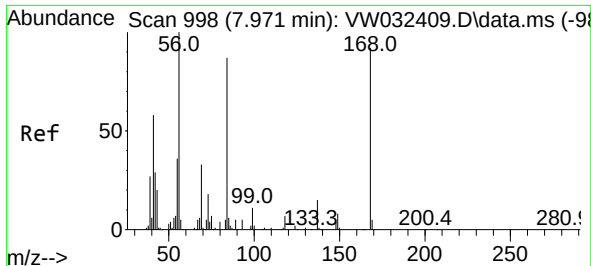


#25
2-Butanone
Concen: 1.518 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.012 min
Lab File: VW032573.D
Acq: 05 Dec 2025 12:33

Tgt Ion: 43 Resp: 3510

Ion	Ratio	Lower	Upper
43	100		
72	2.4	19.7	29.5

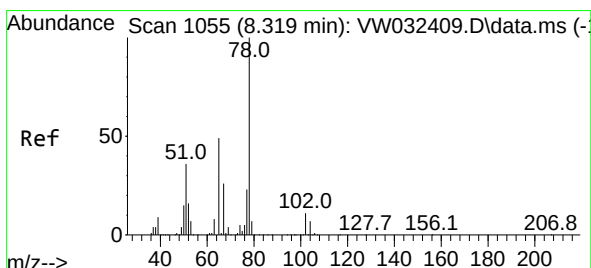
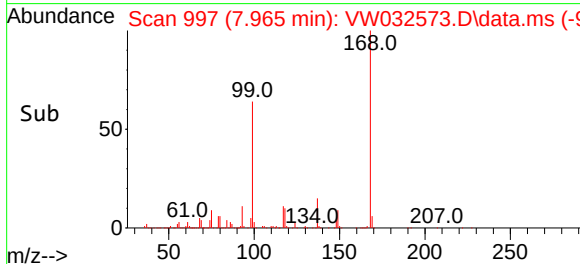
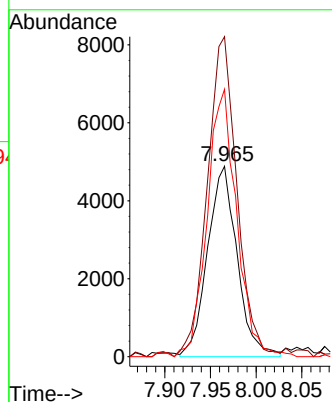
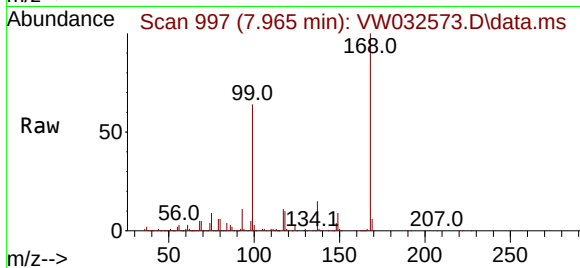




#31
Cyclohexane
Concen: 1.192 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032573.D
Acq: 05 Dec 2025 12:33

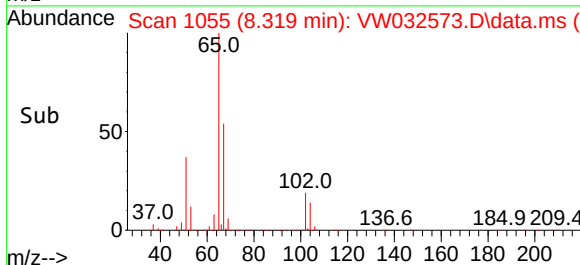
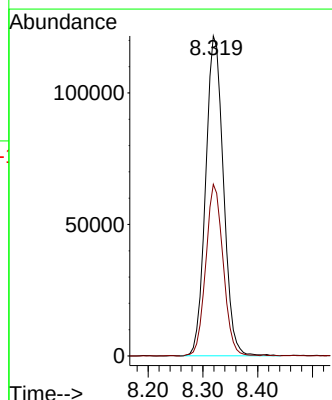
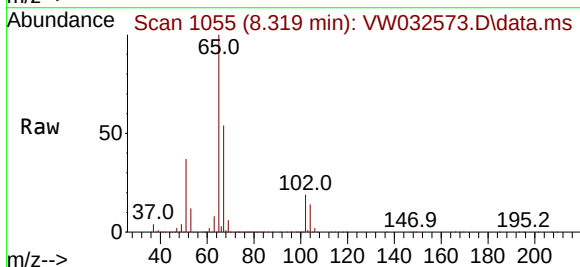
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBL01

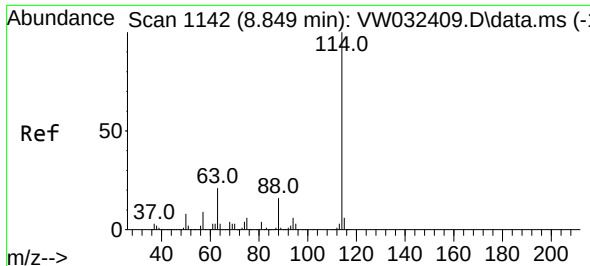
Tgt Ion: 56 Resp: 11012
Ion Ratio Lower Upper
56 100
69 168.2 27.3 40.9#
84 139.4 67.5 101.3#



#33
1,2-Dichloroethane-d4
Concen: 47.514 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032573.D
Acq: 05 Dec 2025 12:33

Tgt Ion: 65 Resp: 273893
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.0

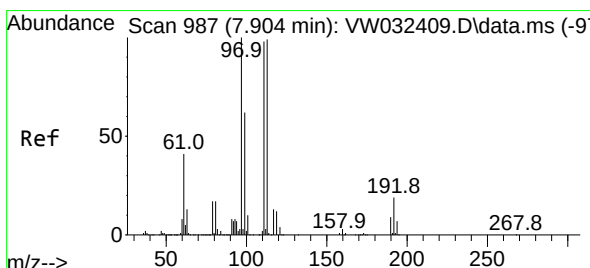
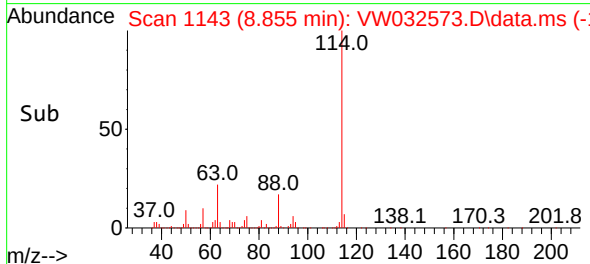
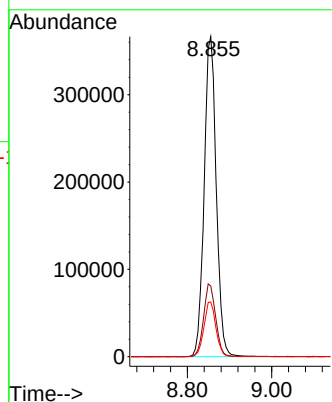
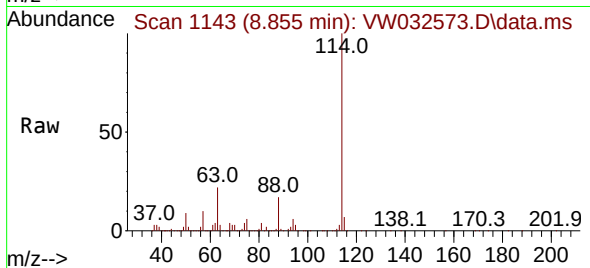




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VW032573.D
Acq: 05 Dec 2025 12:33

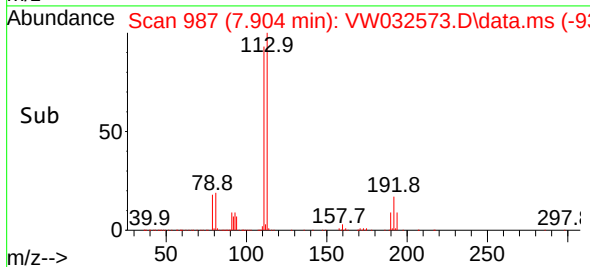
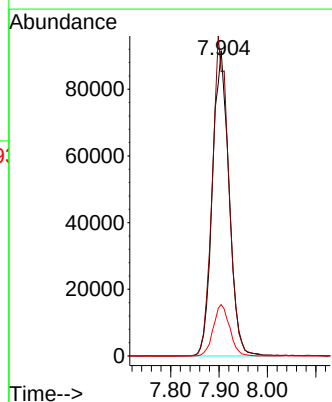
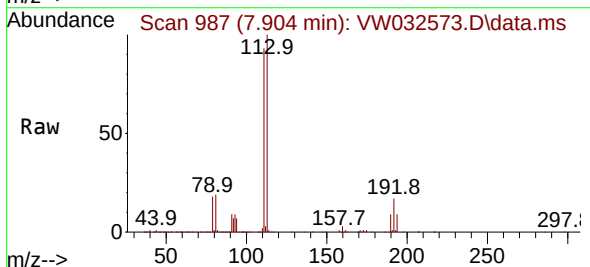
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBL01

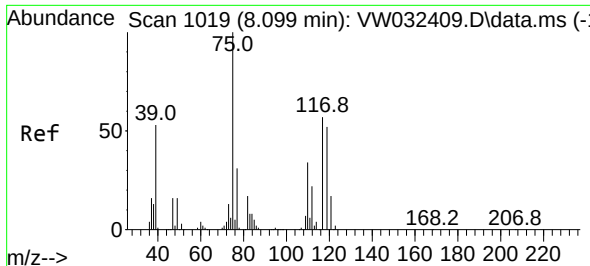
Tgt Ion:114 Resp: 731795
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.6
88 17.1 0.0 31.2



#35
Dibromofluoromethane
Concen: 45.342 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032573.D
Acq: 05 Dec 2025 12:33

Tgt Ion:113 Resp: 218353
Ion Ratio Lower Upper
113 100
111 103.8 83.4 125.0
192 16.5 13.4 20.2

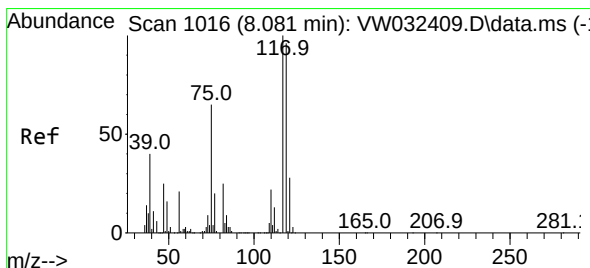
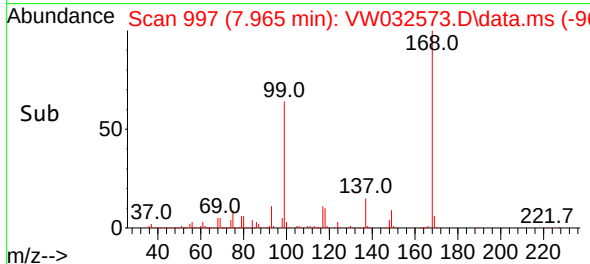
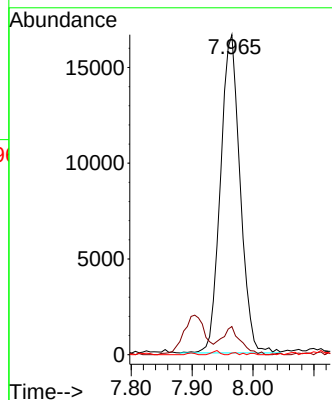
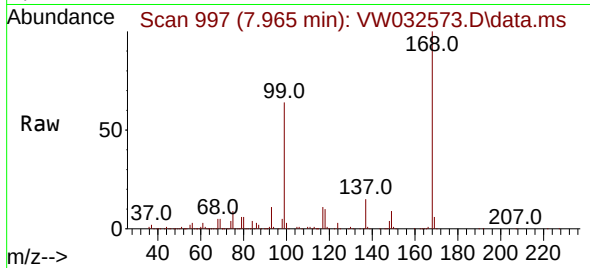




#36
 1,1-Dichloropropene
 Concen: 5.072 ug/l
 RT: 7.965 min Scan# 997
 Delta R.T. -0.128 min
 Lab File: VW032573.D
 Acq: 05 Dec 2025 12:33

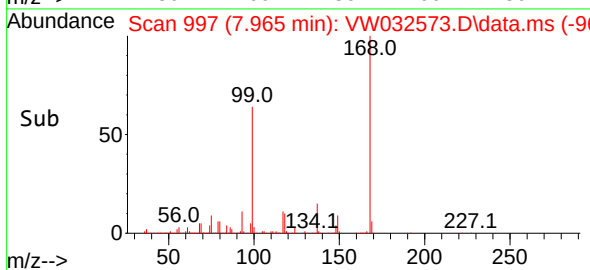
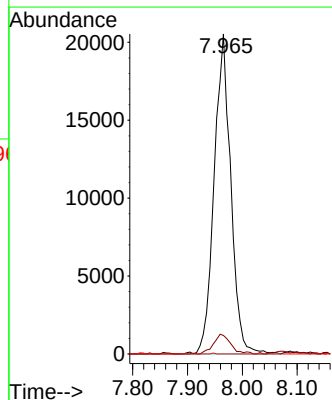
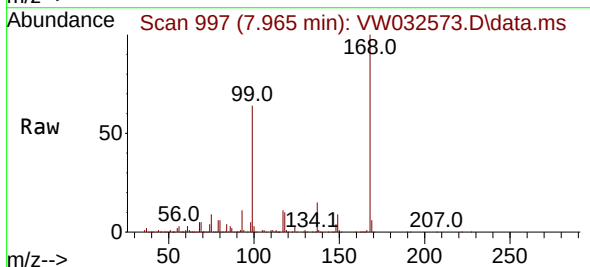
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBL01

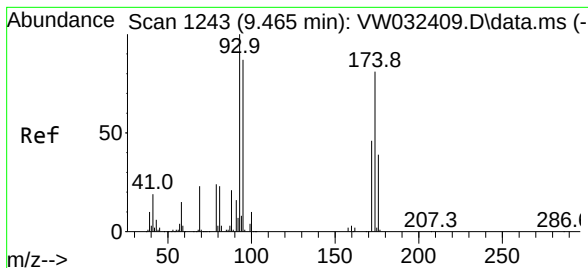
Tgt Ion: 75 Resp: 37253
 Ion Ratio Lower Upper
 75 100
 110 8.5 16.9 50.6#
 77 0.3 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.338 ug/l
 RT: 7.965 min Scan# 997
 Delta R.T. -0.116 min
 Lab File: VW032573.D
 Acq: 05 Dec 2025 12:33

Tgt Ion: 117 Resp: 43253
 Ion Ratio Lower Upper
 117 100
 119 5.8 76.9 115.3#
 121 0.0 25.4 38.2#





#49

1,4-Dioxane

Concen: 1.618 ug/l

RT: 9.483 min Scan# 11

Delta R.T. 0.024 min

Lab File: VW032573.D

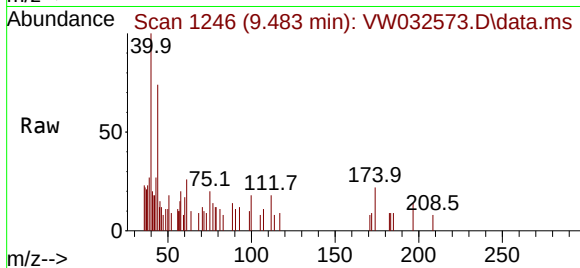
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Instrument :

MSVOA_W

ClientSampleId :

VW1205SBL01



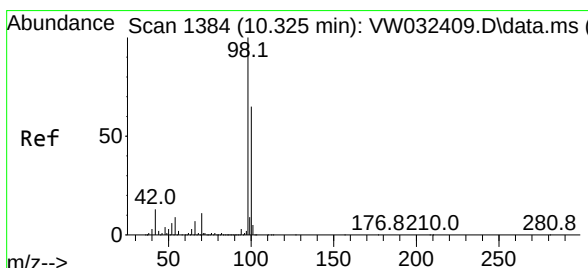
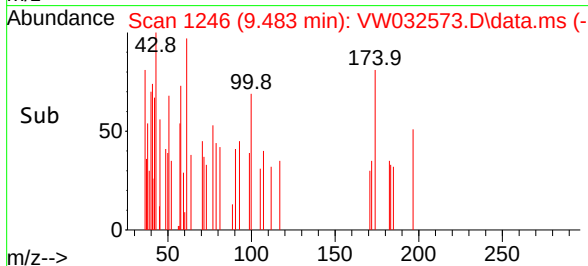
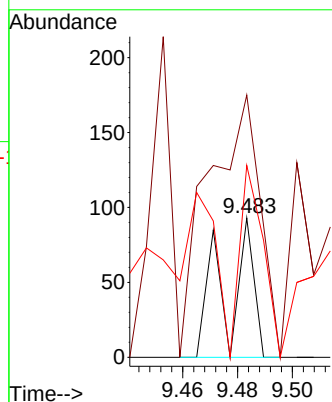
Tgt Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

43 353.8 0.0 0.0#

58 115.4 65.2 97.8#



#50

Toluene-d8

Concen: 46.243 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW032573.D

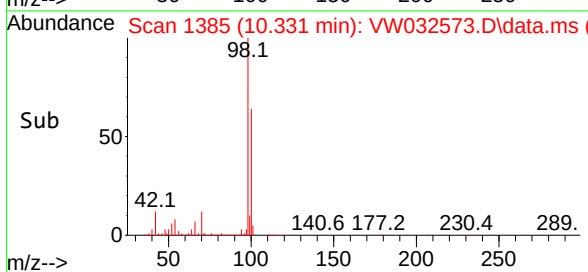
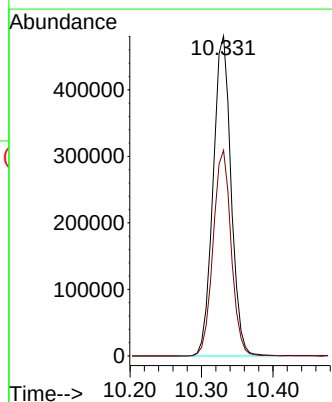
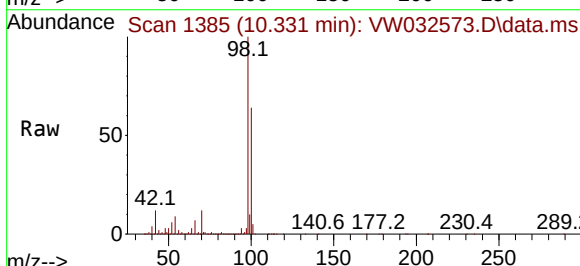
Acq: 05 Dec 2025 12:33

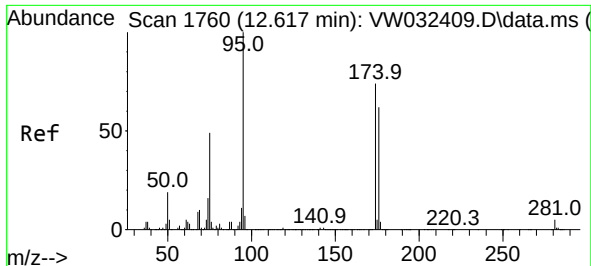
Tgt Ion: 98 Resp: 837962

Ion Ratio Lower Upper

98 100

100 64.6 54.7 82.1

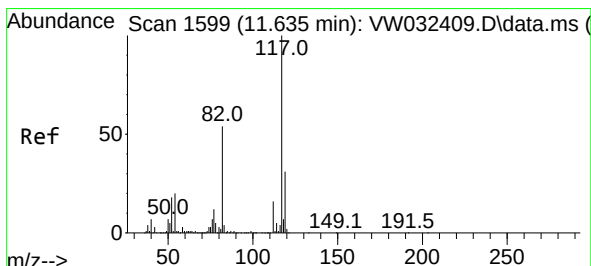
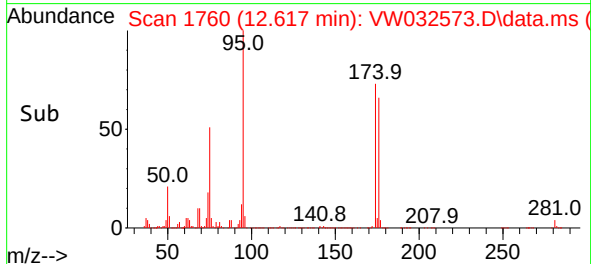
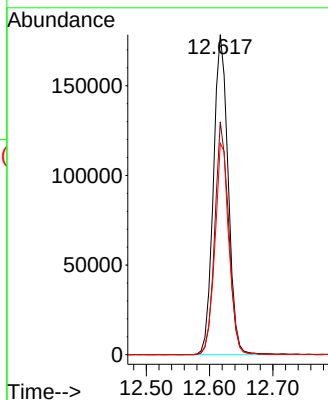
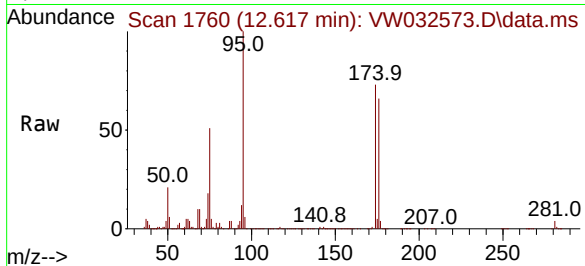




#62
4-Bromofluorobenzene
Concen: 43.128 ug/l
RT: 12.617 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032573.D
Acq: 05 Dec 2025 12:33

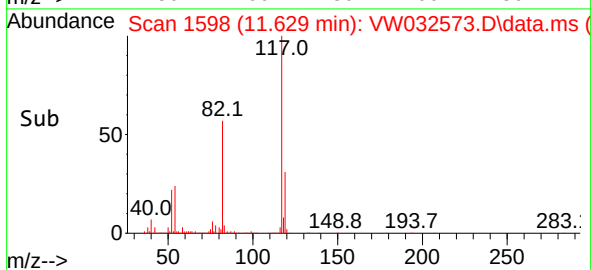
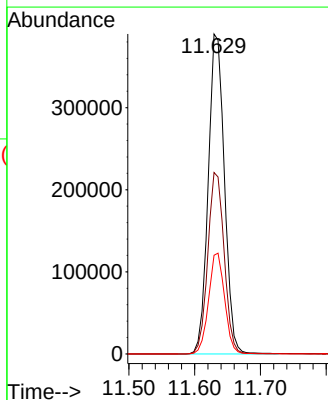
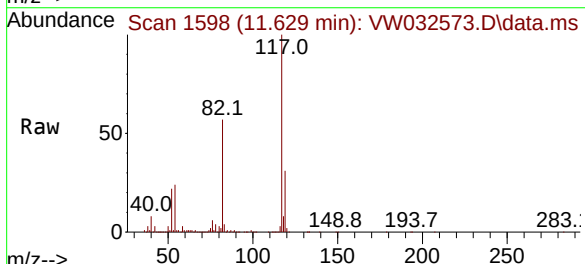
Instrument :
MSVOA_W
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VW1205SBL01

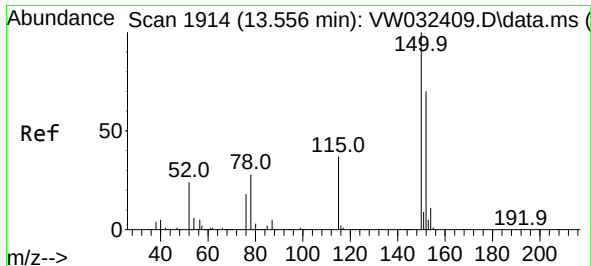
Tgt Ion: 95 Resp: 288738
Ion Ratio Lower Upper
95 100
174 68.4 0.0 141.2
176 63.6 0.0 130.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW032573.D
Acq: 05 Dec 2025 12:33

Tgt Ion: 117 Resp: 668404
Ion Ratio Lower Upper
117 100
82 56.7 45.9 68.9
119 30.9 26.3 39.5

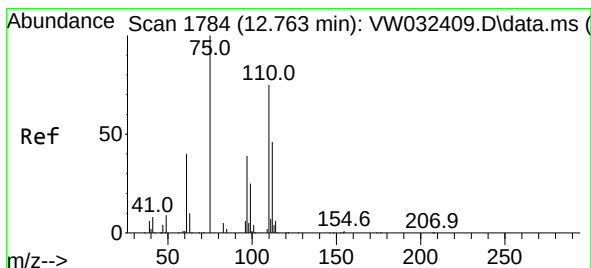
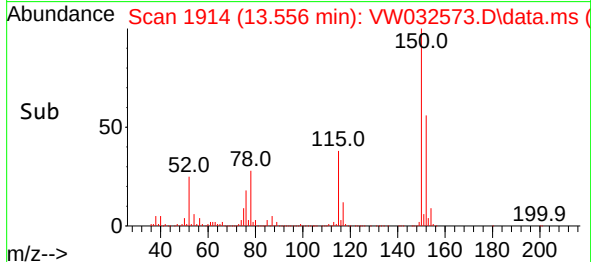
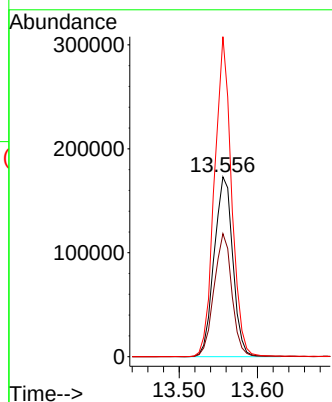
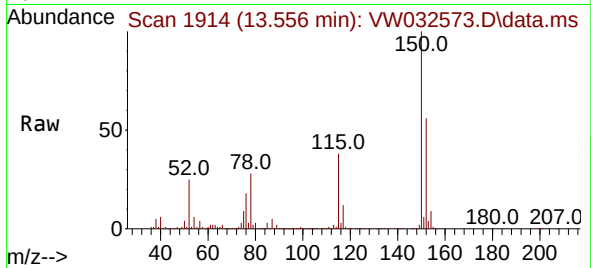




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032573.D
 Acq: 05 Dec 2025 12:33

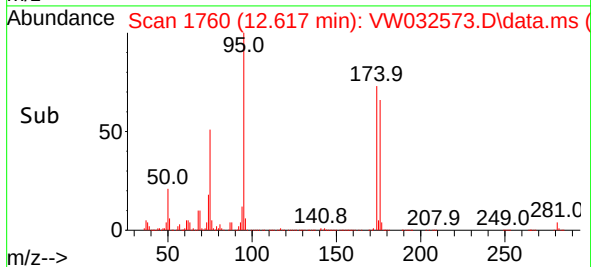
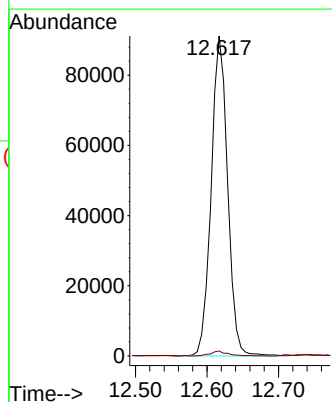
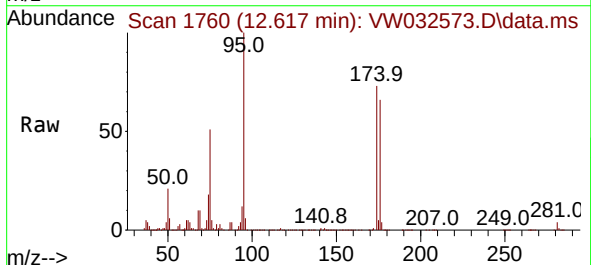
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBL01

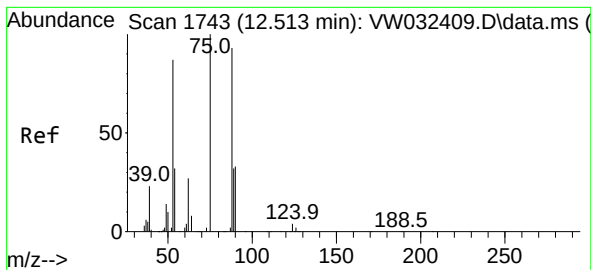
Tgt Ion:152 Resp: 286491
 Ion Ratio Lower Upper
 152 100
 115 65.1 31.1 93.3
 150 163.2 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 37.472 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.146 min
 Lab File: VW032573.D
 Acq: 05 Dec 2025 12:33

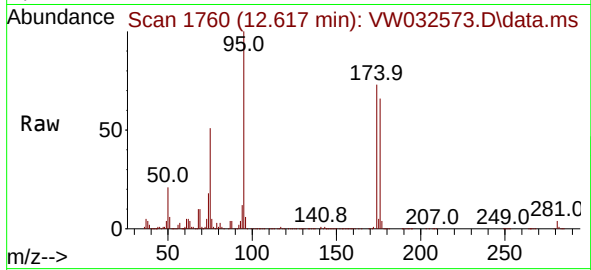
Tgt Ion: 75 Resp: 145267
 Ion Ratio Lower Upper
 75 100
 77 1.6 148.2 444.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.134 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VW032573.D
 Acq: 05 Dec 2025 12:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBL01



Tgt Ion: 75 Resp: 145267
 Ion Ratio Lower Upper
 75 100
 53 0.2 80.8 121.2#
 89 0.1 31.4 47.2#

