

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112125\
 Data File : VW032525.D
 Acq On : 21 Nov 2025 14:55
 Operator : SY/MD
 Sample : Q3699-03
 Misc : 6.37g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-06-112025

Quant Time: Nov 26 01:22:14 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)

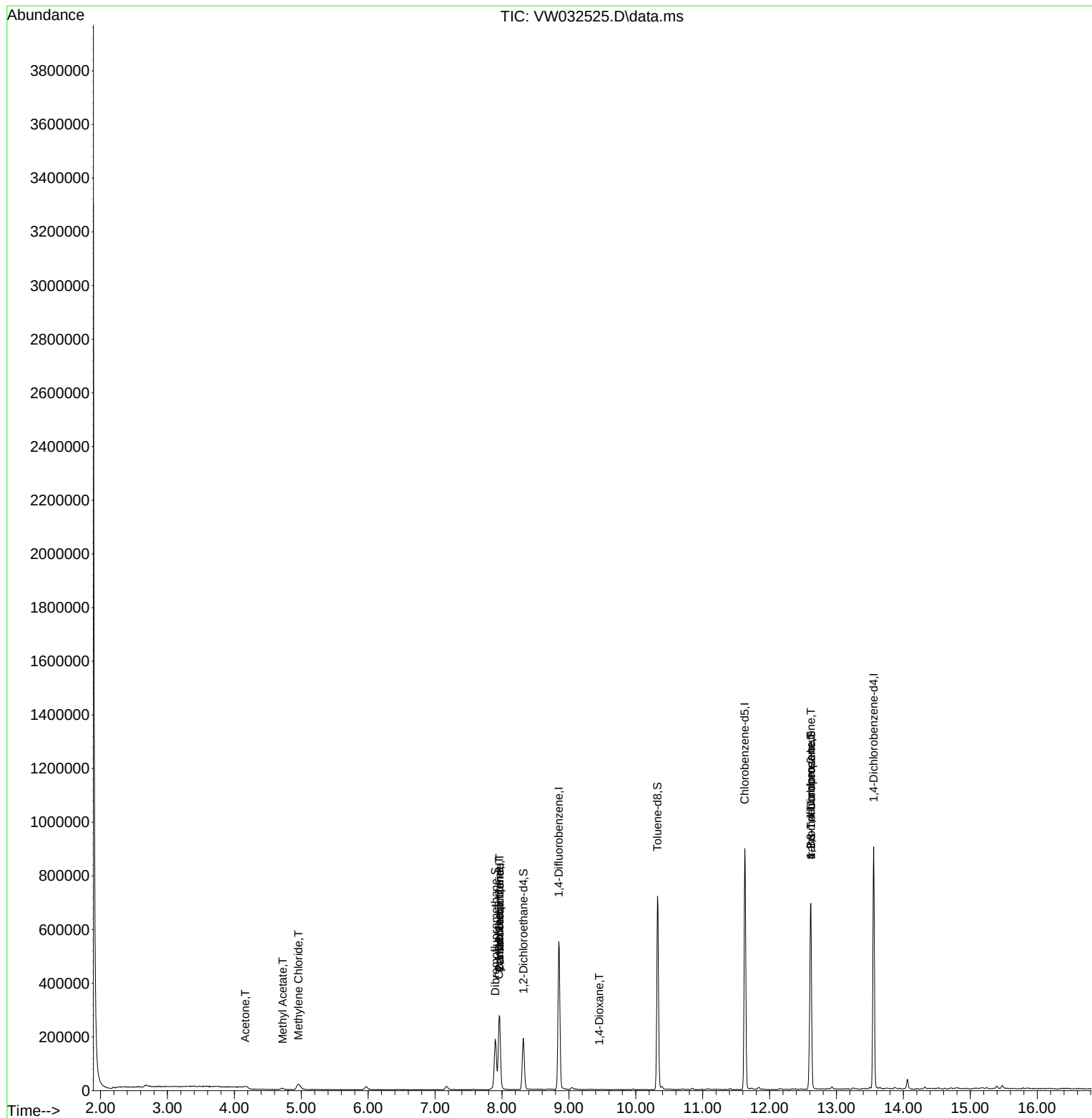
Internal Standards						
1) Pentafluorobenzene	7.965	168	195452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	466405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	493150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	231367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	152129	60.372	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 120.740%		
35) Dibromofluoromethane	7.898	113	138142	49.469	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 98.940%		
50) Toluene-d8	10.325	98	468482	43.731	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 87.460%		
62) 4-Bromofluorobenzene	12.617	95	221612	54.761	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 109.520%		
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	4519	5.994	ug/l	100
18) Methyl Acetate	4.722	43	11888	6.368	ug/l	98
20) Methylene Chloride	4.960	84	19538	7.247	ug/l	93
31) Cyclohexane	7.953	56	5167	1.239	ug/l #	30
36) 1,1-Dichloropropene	7.959	75	18229	4.430	ug/l #	47
38) Carbon Tetrachloride	7.965	117	21481	5.876	ug/l #	16
49) 1,4-Dioxane	9.453	88	29	1.074	ug/l #	1
76) 1,2,3-Trichloropropane	12.617	75	111621	35.185	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	111621	80.589	ug/l #	11

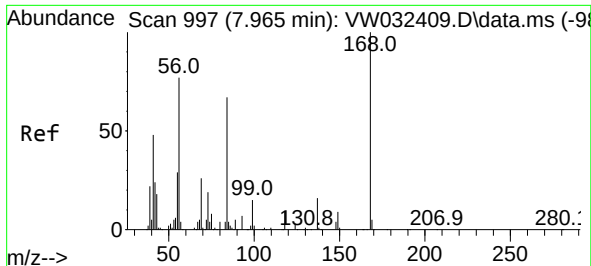
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 6.37g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Response via : Initial Calibration

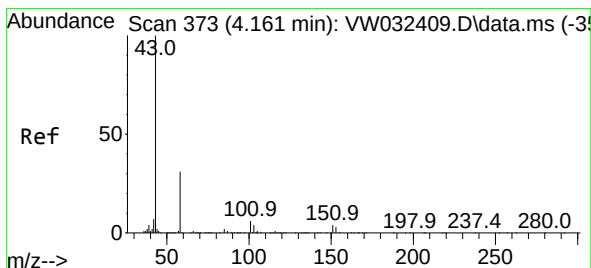
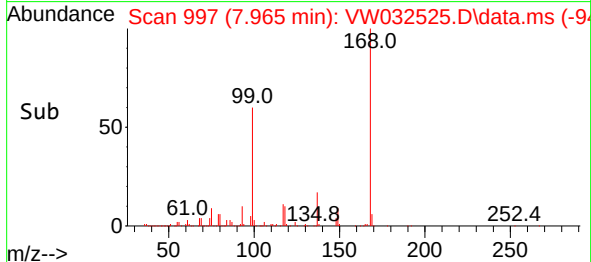
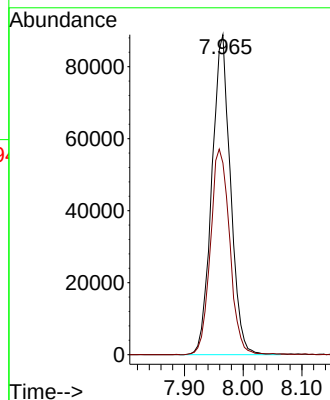
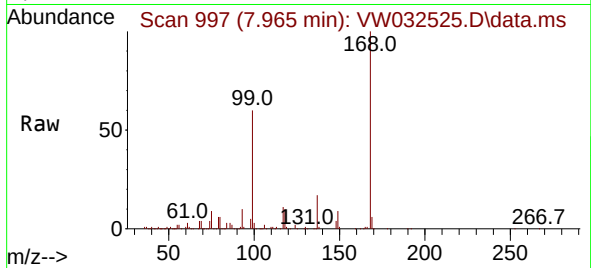




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032525.D
Acq: 21 Nov 2025 14:55

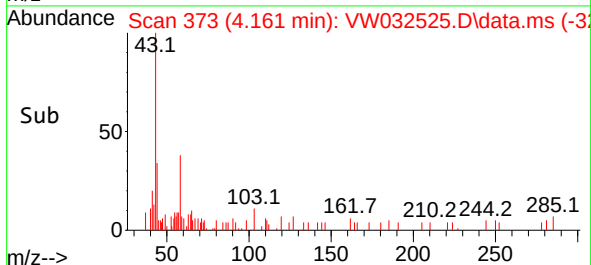
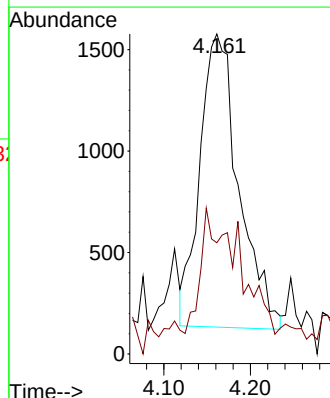
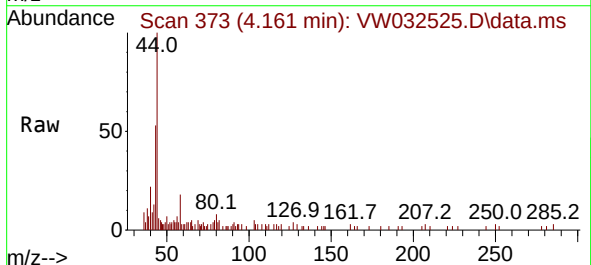
Instrument :
MSVOA_W
ClientSampleId :
TR-06-112025

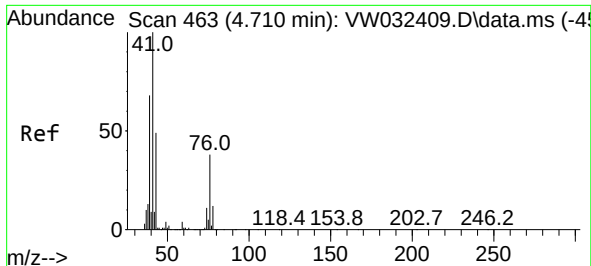
Tgt Ion:168 Resp: 195452
Ion Ratio Lower Upper
168 100
99 59.9 45.4 68.2



#16
Acetone
Concen: 5.994 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032525.D
Acq: 21 Nov 2025 14:55

Tgt Ion: 43 Resp: 4519
Ion Ratio Lower Upper
43 100
58 30.9 24.8 37.2

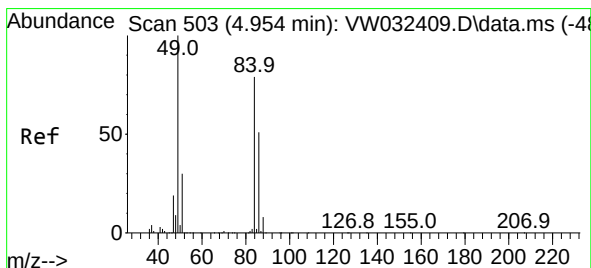
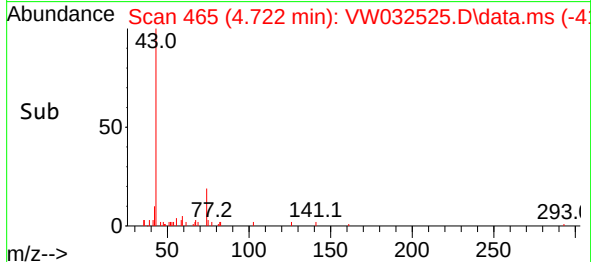
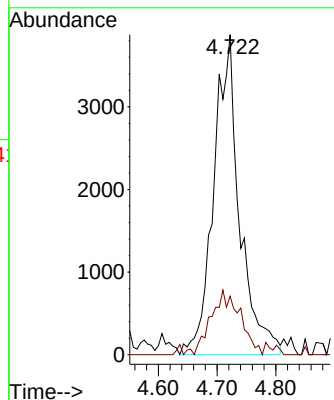
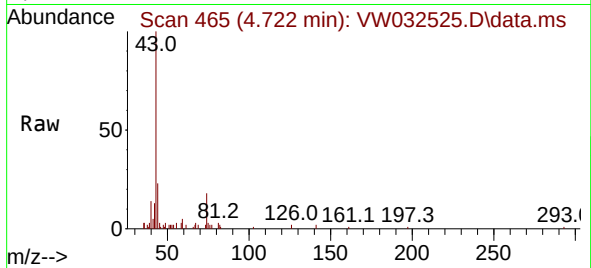




#18
Methyl Acetate
Concen: 6.368 ug/l
RT: 4.722 min Scan# 4
Delta R.T. 0.012 min
Lab File: VW032525.D
Acq: 21 Nov 2025 14:55

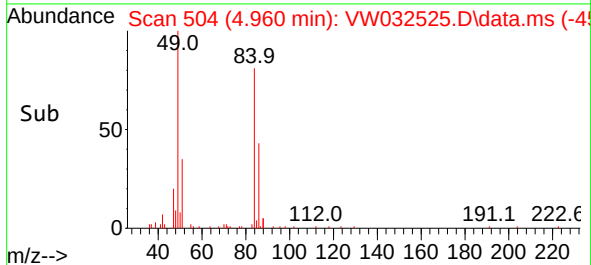
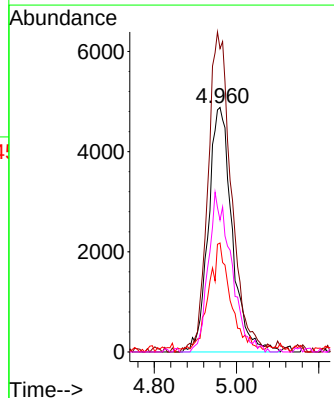
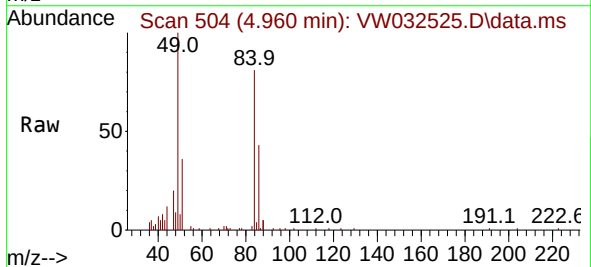
Instrument :
MSVOA_W
ClientSampleId :
TR-06-112025

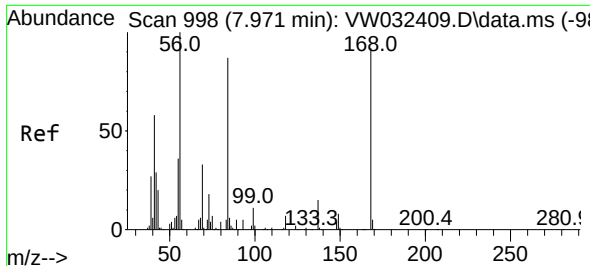
Tgt Ion: 43 Resp: 11888
Ion Ratio Lower Upper
43 100
74 22.5 18.9 28.3



#20
Methylene Chloride
Concen: 7.247 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032525.D
Acq: 21 Nov 2025 14:55

Tgt Ion: 84 Resp: 19538
Ion Ratio Lower Upper
84 100
49 124.1 101.5 152.3
51 43.4 30.6 46.0
86 53.9 51.9 77.9

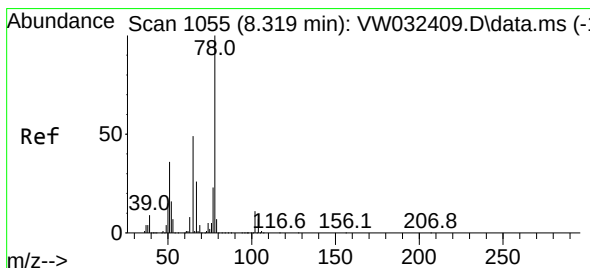
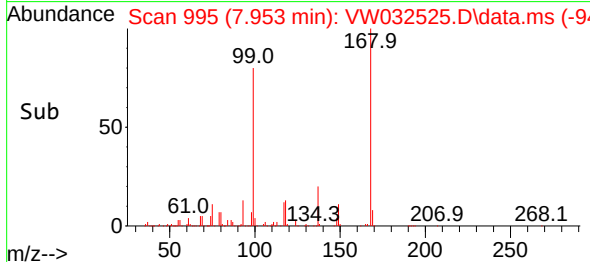
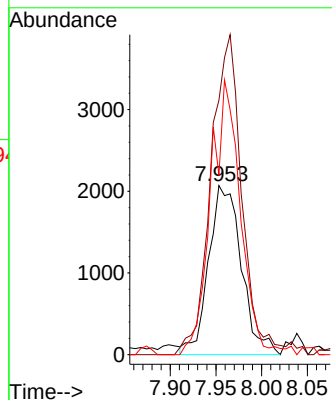
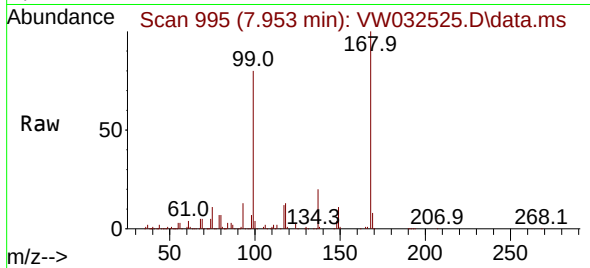




#31
Cyclohexane
Concen: 1.239 ug/l
RT: 7.953 min Scan# 998
Delta R.T. -0.018 min
Lab File: VW032525.D
Acq: 21 Nov 2025 14:55

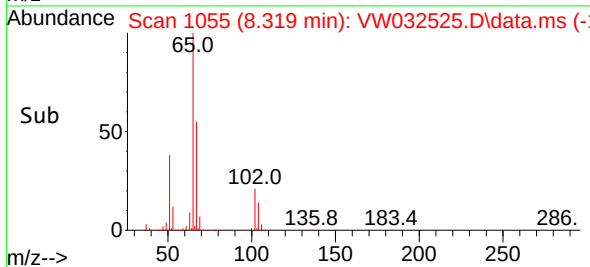
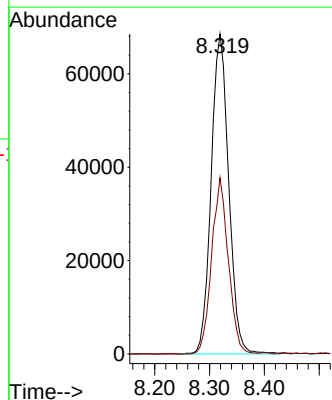
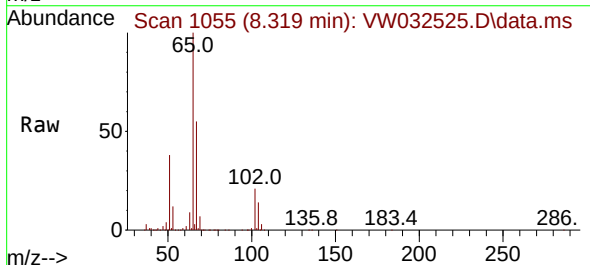
Instrument :
MSVOA_W
ClientSampleId :
TR-06-112025

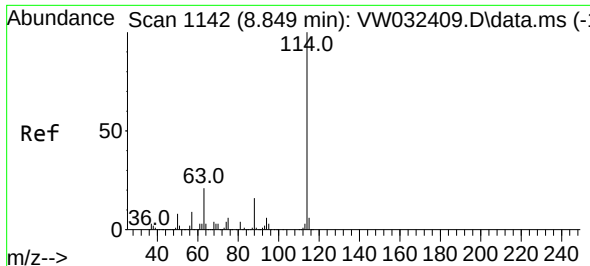
Tgt Ion: 56 Resp: 5167
Ion Ratio Lower Upper
56 100
69 146.3 26.5 39.7#
84 106.1 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 60.372 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032525.D
Acq: 21 Nov 2025 14:55

Tgt Ion: 65 Resp: 152129
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.8

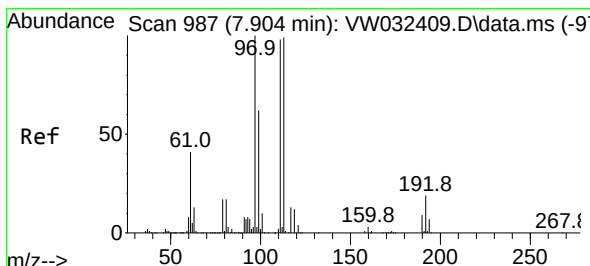
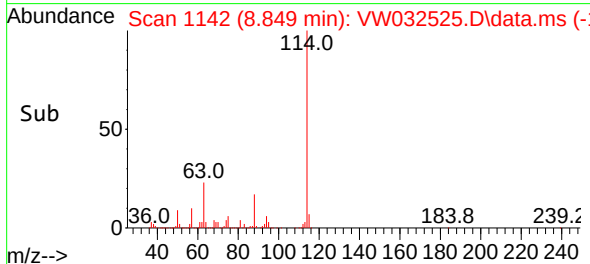
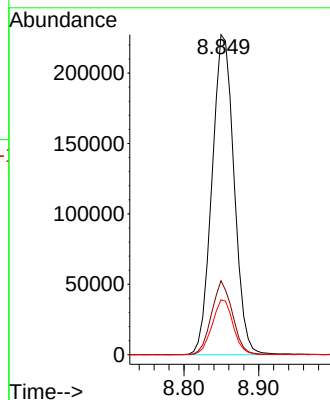
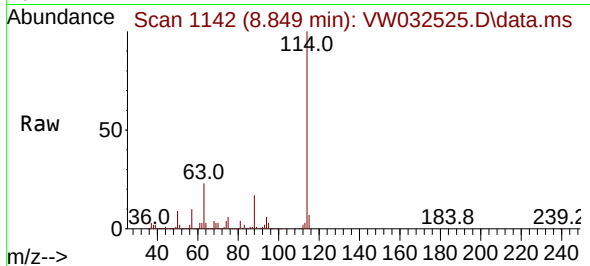




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032525.D
Acq: 21 Nov 2025 14:55

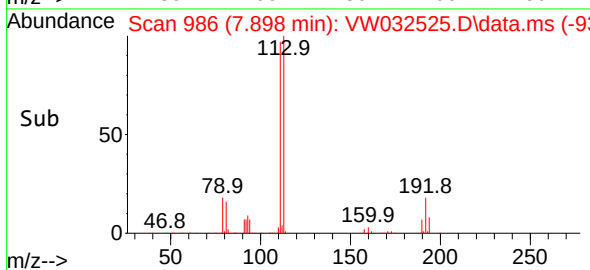
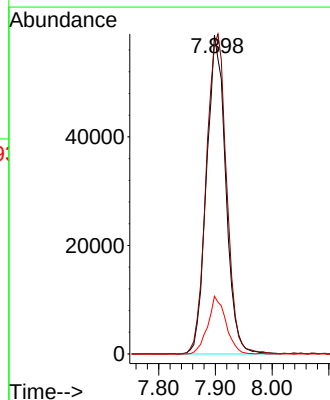
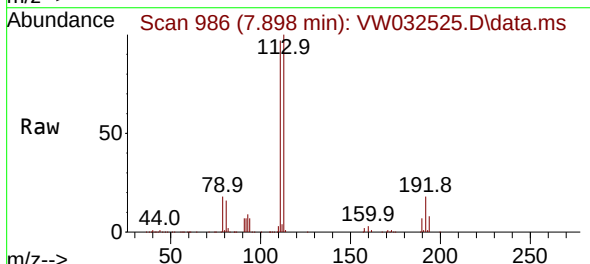
Instrument :
MSVOA_W
ClientSampleId :
TR-06-112025

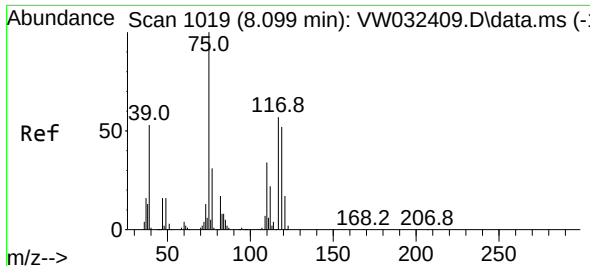
Tgt Ion:	114	Resp:	466405
Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	41.8
88	17.2	0.0	32.6



#35
Dibromofluoromethane
Concen: 49.469 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032525.D
Acq: 21 Nov 2025 14:55

Tgt Ion:	113	Resp:	138142
Ion	Ratio	Lower	Upper
113	100		
111	106.0	83.1	124.7
192	17.1	13.4	20.2

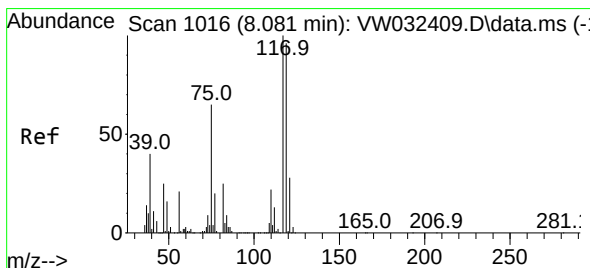
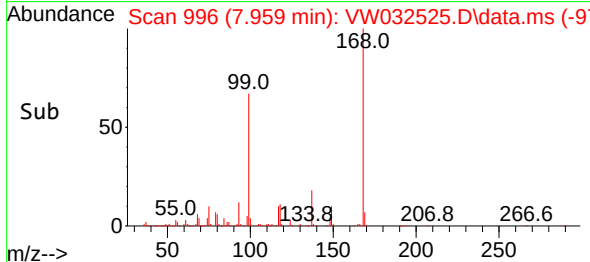
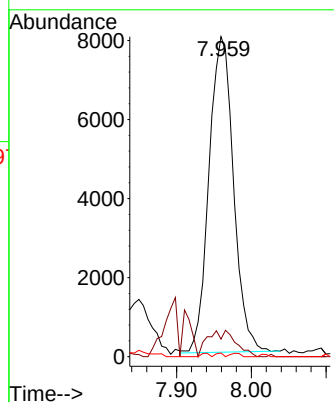
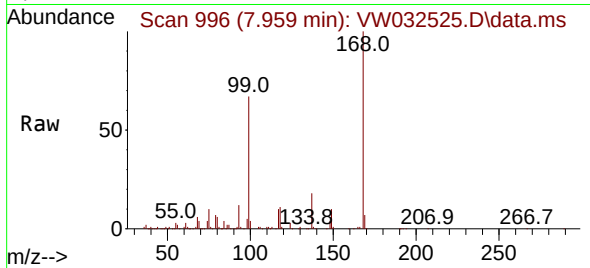




#36
 1,1-Dichloropropene
 Concen: 4.430 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.140 min
 Lab File: VW032525.D
 Acq: 21 Nov 2025 14:55

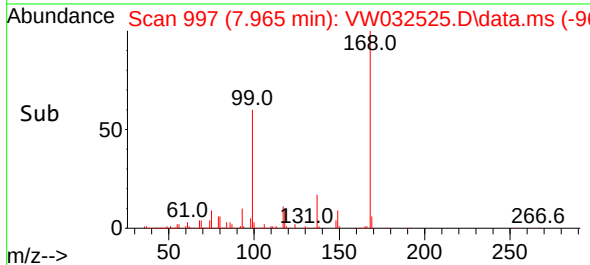
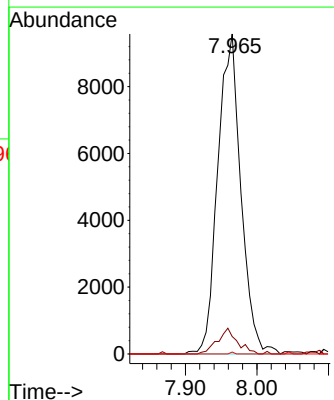
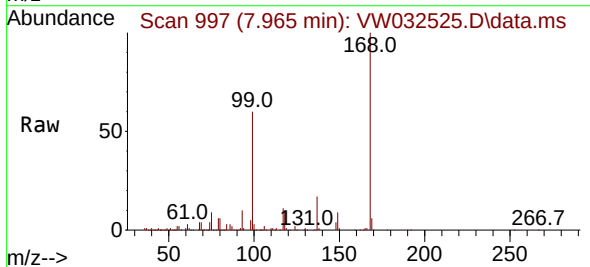
Instrument :
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 ClientSampleId :
 TR-06-112025

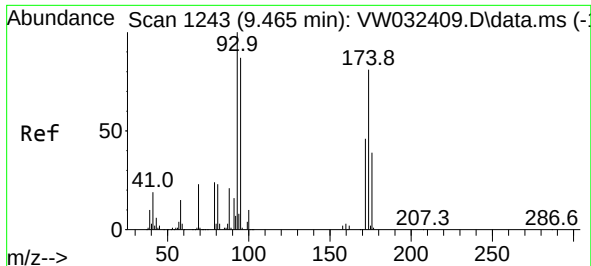
Tgt Ion: 75 Resp: 18229
 Ion Ratio Lower Upper
 75 100
 110 5.0 17.2 51.5#
 77 0.3 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 5.876 ug/l
 RT: 7.965 min Scan# 997
 Delta R.T. -0.116 min
 Lab File: VW032525.D
 Acq: 21 Nov 2025 14:55

Tgt Ion: 117 Resp: 21481
 Ion Ratio Lower Upper
 117 100
 119 5.4 77.0 115.4#
 121 0.6 22.0 33.0#





#49

1,4-Dioxane

Concen: 1.074 ug/l

RT: 9.453 min Scan# 11

Delta R.T. -0.012 min

Lab File: VW032525.D

Acq: 21 Nov 2025 14:55

Instrument :

MSVOA_W

ClientSampleId :

TR-06-112025

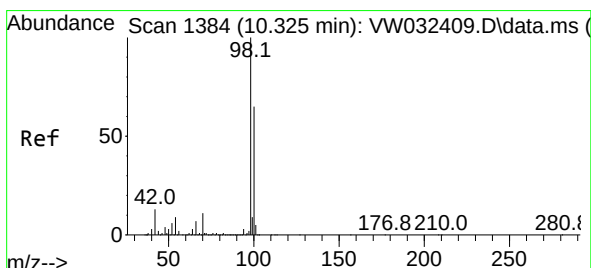
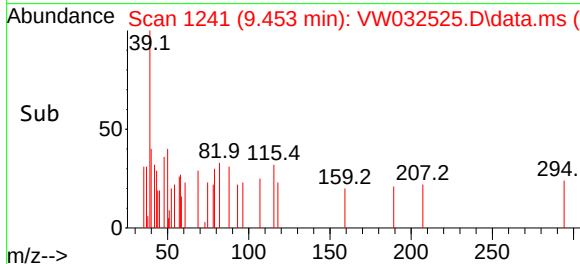
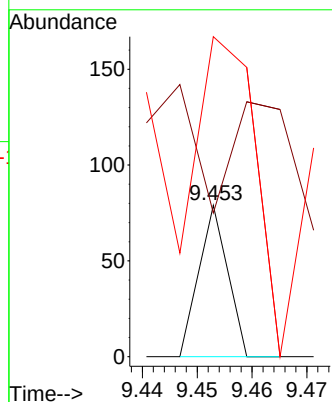
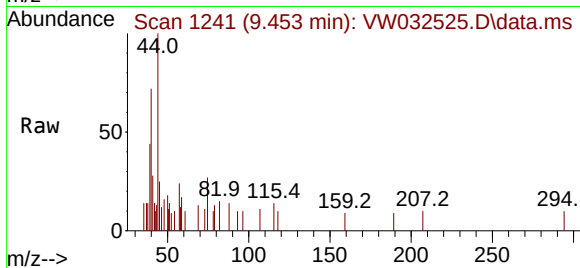
Tgt Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 427.6 0.0 0.0#

58 400.0 63.0 94.4#



#50

Toluene-d8

Concen: 43.731 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032525.D

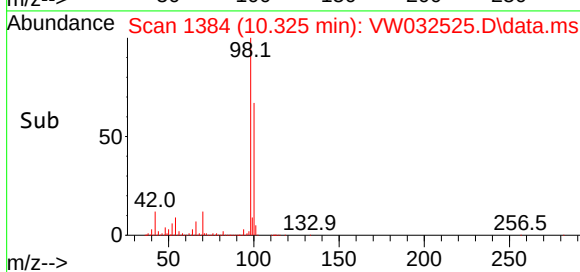
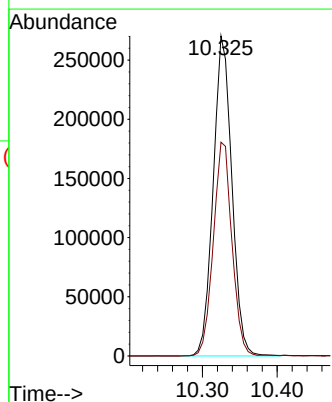
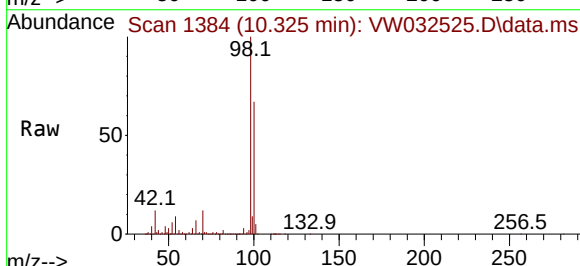
Acq: 21 Nov 2025 14:55

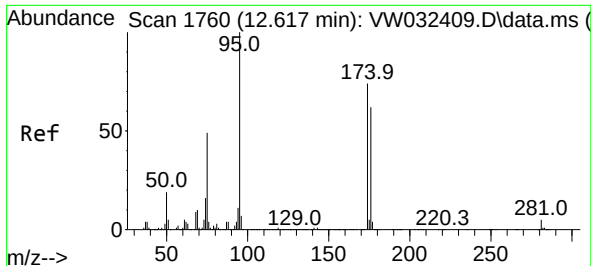
Tgt Ion: 98 Resp: 468482

Ion Ratio Lower Upper

98 100

100 66.9 53.3 79.9

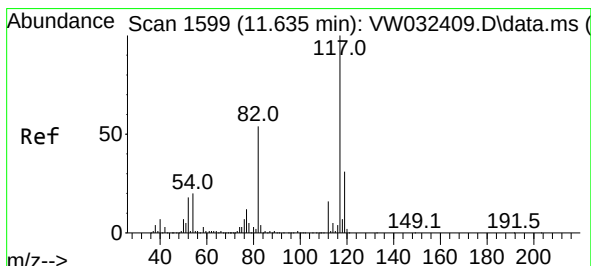
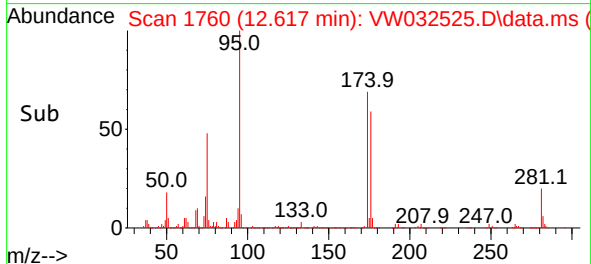
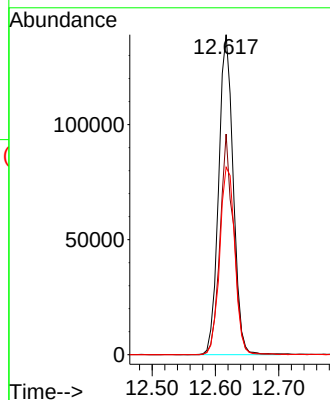
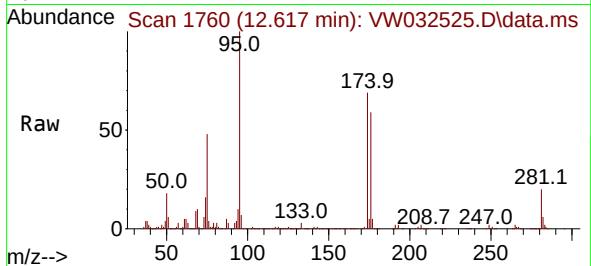




#62
4-Bromofluorobenzene
Concen: 54.761 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032525.D
Acq: 21 Nov 2025 14:55

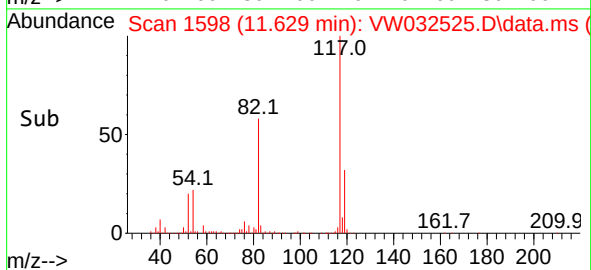
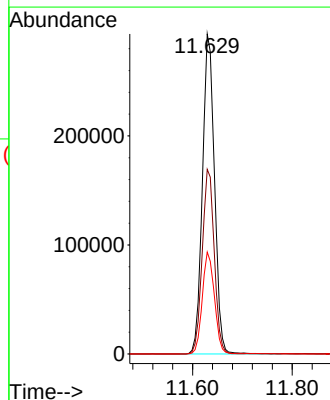
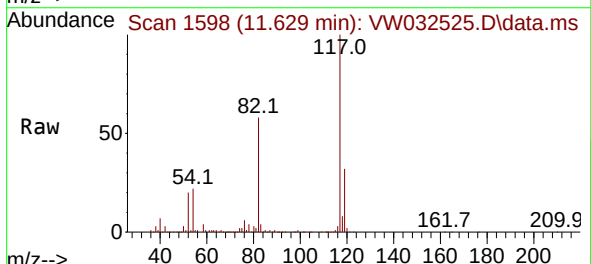
Instrument :
MSVOA_W
ClientSampleId :
TR-06-112025

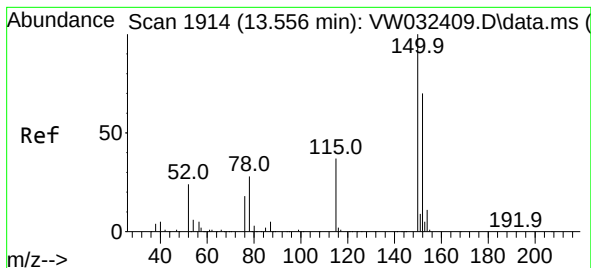
Tgt Ion: 95 Resp: 221612
Ion Ratio Lower Upper
95 100
174 64.3 0.0 135.4
176 61.0 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW032525.D
Acq: 21 Nov 2025 14:55

Tgt Ion: 117 Resp: 493150
Ion Ratio Lower Upper
117 100
82 57.7 43.0 64.4
119 31.8 25.0 37.6

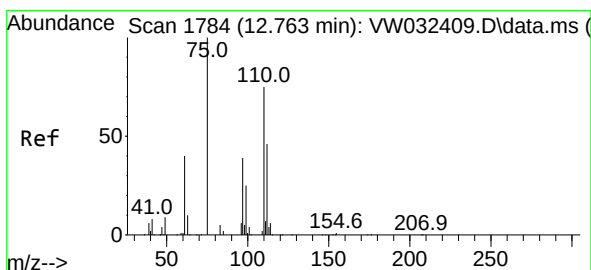
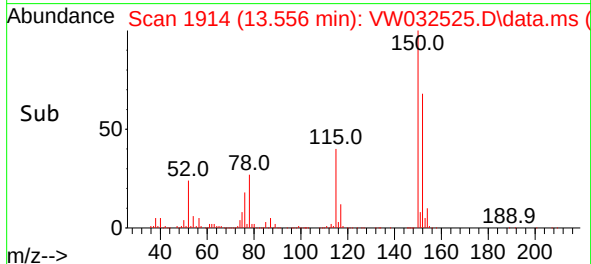
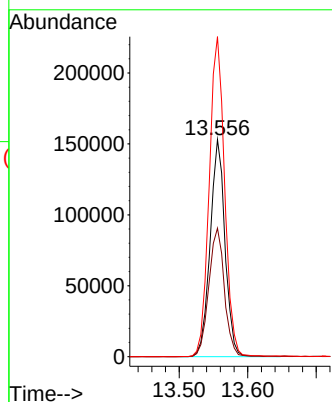
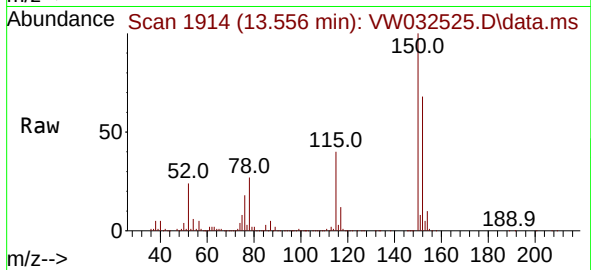




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032525.D
 Acq: 21 Nov 2025 14:55

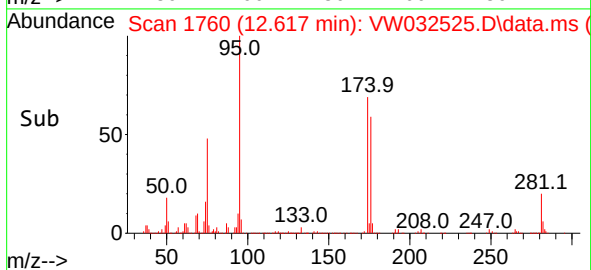
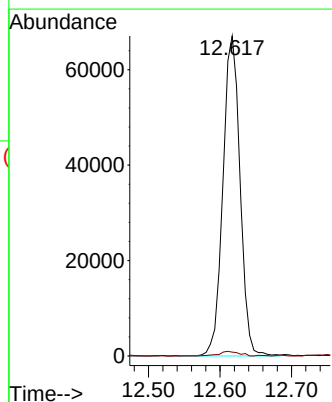
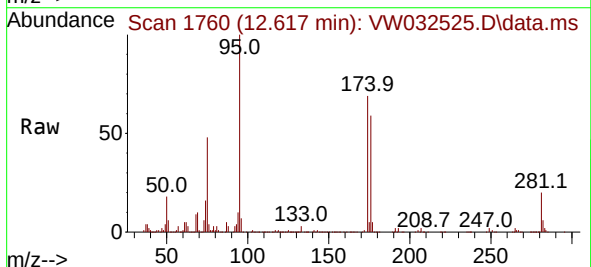
Instrument :
 MSVOA_W
 ClientSampleId :
 TR-06-112025

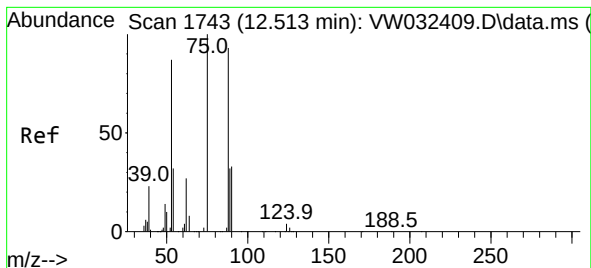
Tgt Ion:152 Resp: 231367
 Ion Ratio Lower Upper
 152 100
 115 62.1 32.8 98.3
 150 152.5 0.0 356.6



#76
 1,2,3-Trichloropropane
 Concen: 35.185 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.146 min
 Lab File: VW032525.D
 Acq: 21 Nov 2025 14:55

Tgt Ion: 75 Resp: 111621
 Ion Ratio Lower Upper
 75 100
 77 1.7 151.6 454.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.589 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VW032525.D
 Acq: 21 Nov 2025 14:55

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-06-112025

Tgt Ion: 75 Resp: 111621
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.8 116.8#
 89 1.0 35.6 53.4#

