

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
 Data File : VW032530.D
 Acq On : 25 Nov 2025 09:57
 Operator : SY/MD
 Sample : VW1125SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1125SBL01

Quant Time: Nov 26 01:37:48 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)

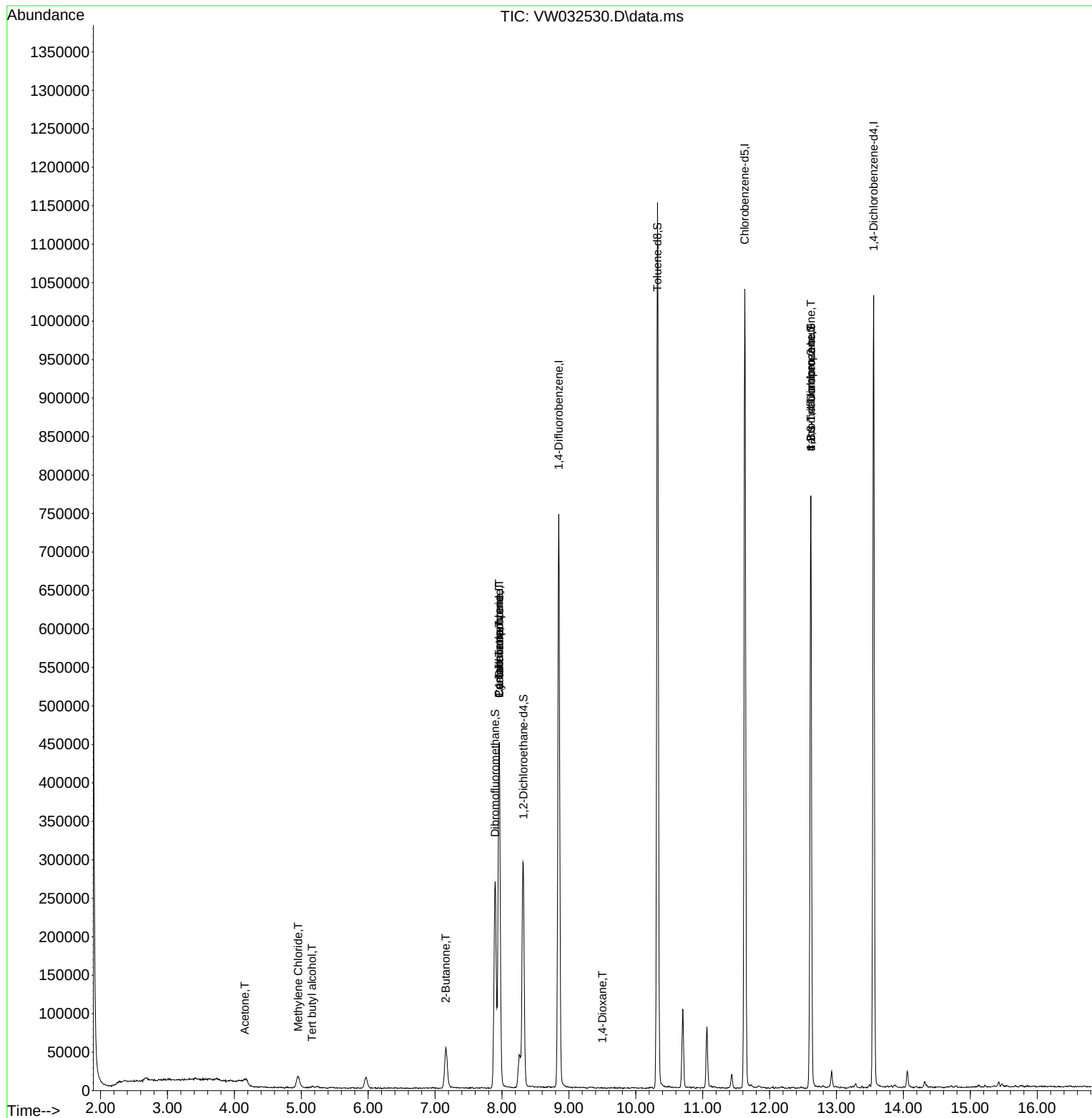
Internal Standards						
1) Pentafluorobenzene	7.959	168	312940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	616508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	570663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	260746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	240172	59.529	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 119.060%		
35) Dibromofluoromethane	7.898	113	201862	54.688	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 109.380%		
50) Toluene-d8	10.325	98	732098	51.700	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 103.400%		
62) 4-Bromofluorobenzene	12.617	95	270484	50.564	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 101.120%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.161	59	2003	5.741	ug/l #	85
16) Acetone	4.155	43	4950	4.101	ug/l	98
20) Methylene Chloride	4.954	84	13134	3.043	ug/l #	89
25) 2-Butanone	7.161	43	3348	1.883	ug/l #	76
31) Cyclohexane	7.959	56	8068	1.209	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	30113	5.537	ug/l #	50
38) Carbon Tetrachloride	7.959	117	35461	7.338	ug/l #	16
49) 1,4-Dioxane	9.502	88	60	1.681	ug/l #	1
76) 1,2,3-Trichloropropane	12.617	75	133728	37.404	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	133728	85.671	ug/l #	11

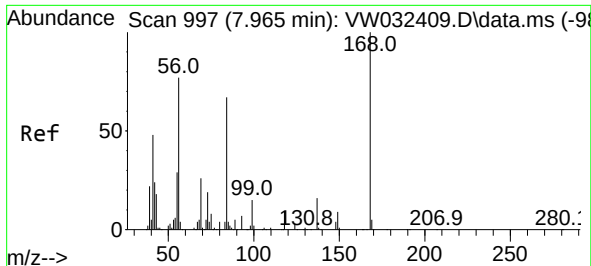
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
Data File : VW032530.D
Acq On : 25 Nov 2025 09:57
Operator : SY/MD
Sample : VW1125SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1125SBL01

Quant Time: Nov 26 01:37:48 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

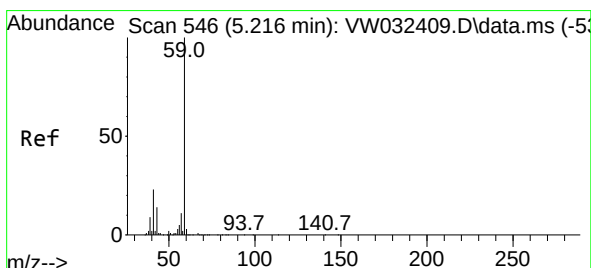
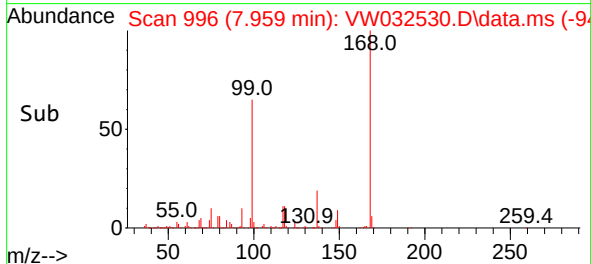
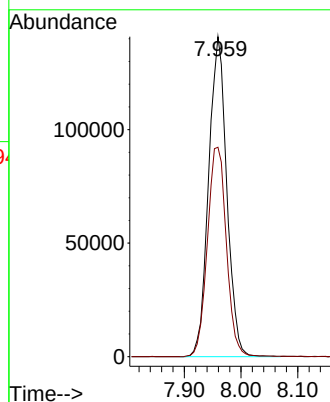
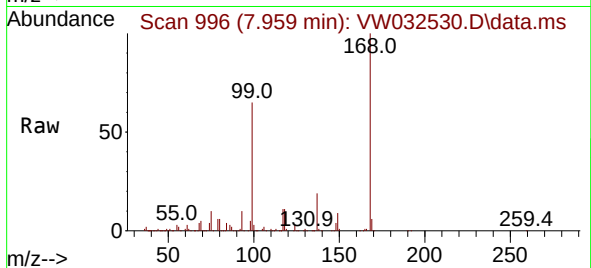




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

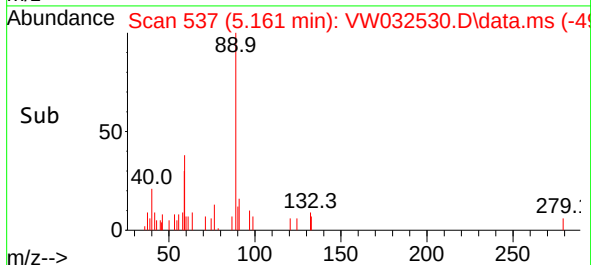
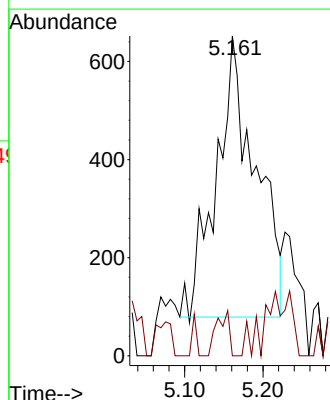
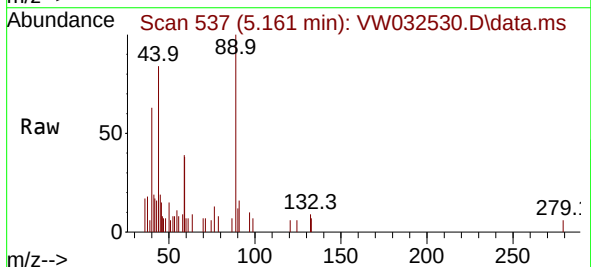
Instrument :
MSVOA_W
ClientSampleId :
VW1125SBL01

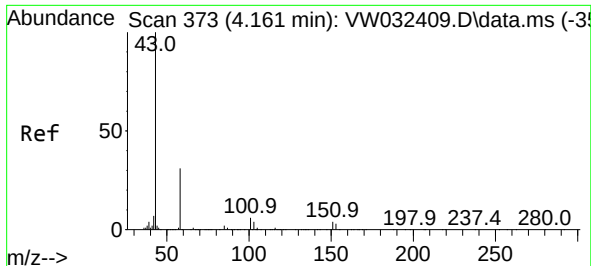
Tgt Ion:168 Resp: 312940
Ion Ratio Lower Upper
168 100
99 65.5 45.4 68.2



#11
Tert butyl alcohol
Concen: 5.741 ug/l
RT: 5.161 min Scan# 537
Delta R.T. -0.055 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

Tgt Ion: 59 Resp: 2003
Ion Ratio Lower Upper
59 100
57 5.1 8.6 12.8#

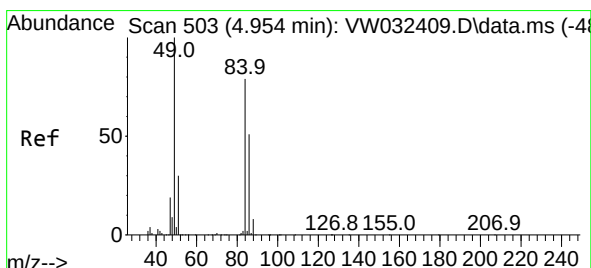
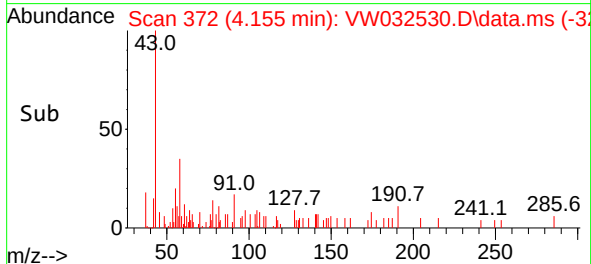
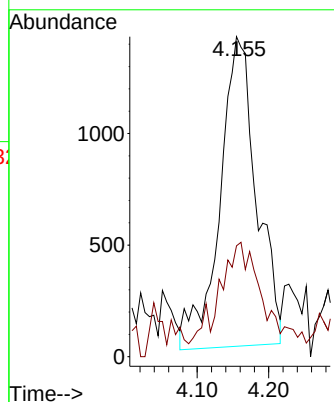
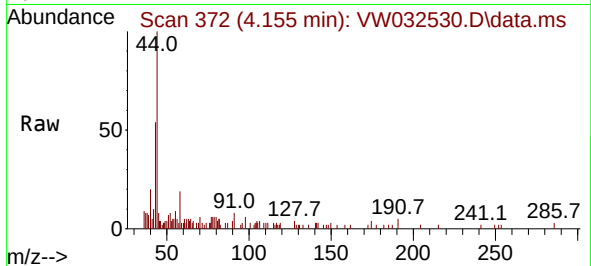




#16
Acetone
Concen: 4.101 ug/l
RT: 4.155 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

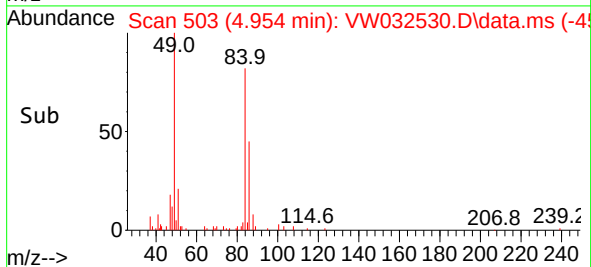
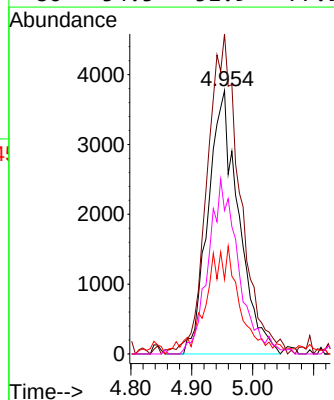
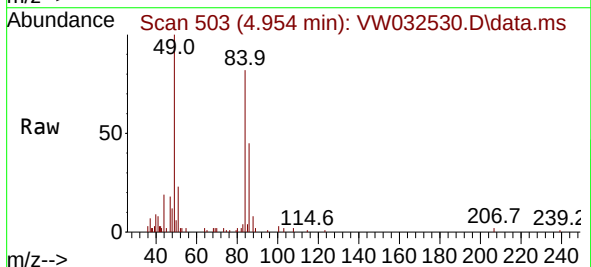
Instrument :
MSVOA_W
ClientSampleId :
VW1125SBL01

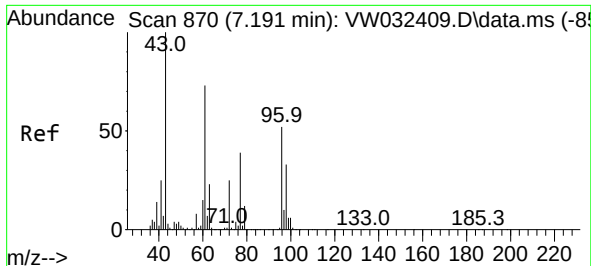
Tgt Ion: 43 Resp: 4950
Ion Ratio Lower Upper
43 100
58 29.9 24.8 37.2



#20
Methylene Chloride
Concen: 3.043 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

Tgt Ion: 84 Resp: 13134
Ion Ratio Lower Upper
84 100
49 118.1 101.5 152.3
51 25.8 30.6 46.0#
86 54.5 51.9 77.9

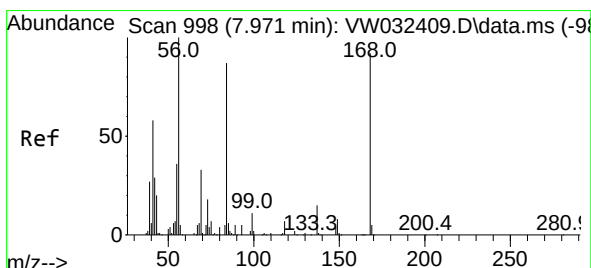
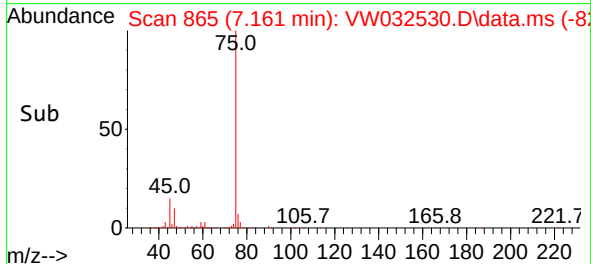
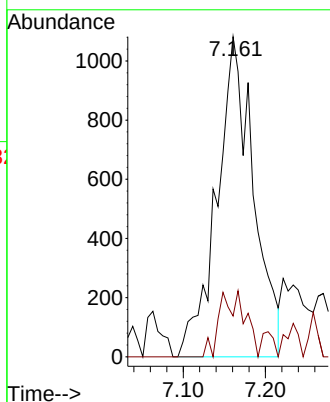
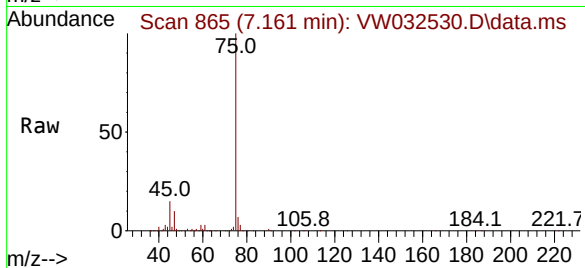




#25
2-Butanone
Concen: 1.883 ug/l
RT: 7.161 min Scan# 80
Delta R.T. -0.030 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

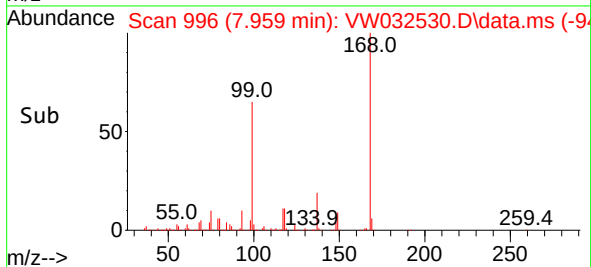
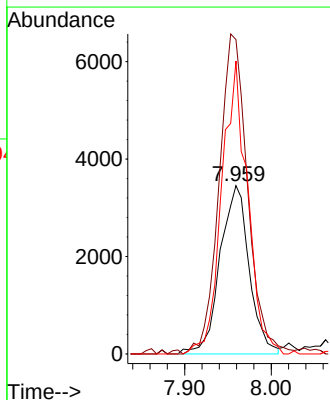
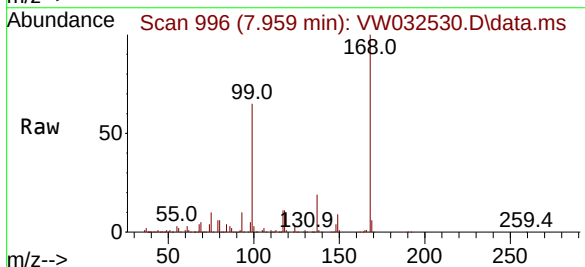
Instrument :
MSVOA_W
ClientSampleId :
VW1125SBL01

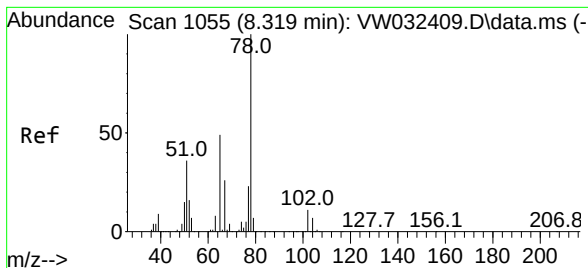
Tgt Ion: 43 Resp: 3348
Ion Ratio Lower Upper
43 100
72 12.8 20.0 30.0#



#31
Cyclohexane
Concen: 1.209 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

Tgt Ion: 56 Resp: 8068
Ion Ratio Lower Upper
56 100
69 184.4 26.5 39.7#
84 174.1 69.6 104.4#





#33

1,2-Dichloroethane-d4

Concen: 59.529 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032530.D

Acq: 25 Nov 2025 09:57

Instrument :

MSVOA_W

ClientSampleId :

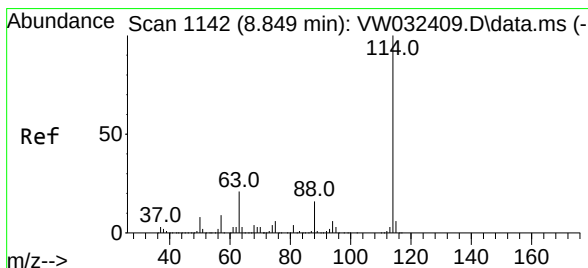
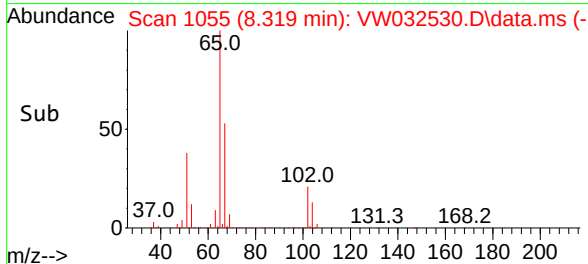
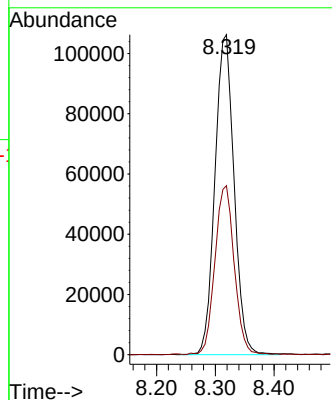
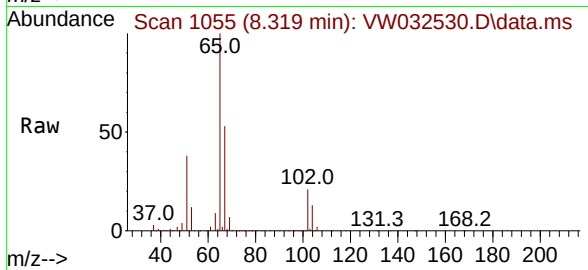
VW1125SBL01

Tgt Ion: 65 Resp: 240172

Ion Ratio Lower Upper

65 100

67 53.4 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: VW032530.D

Acq: 25 Nov 2025 09:57

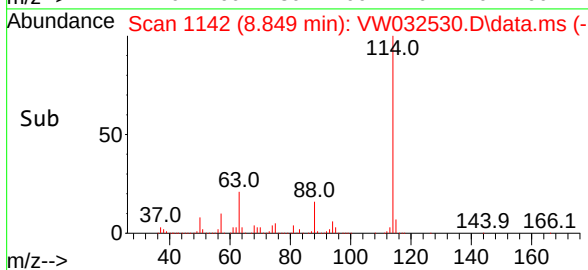
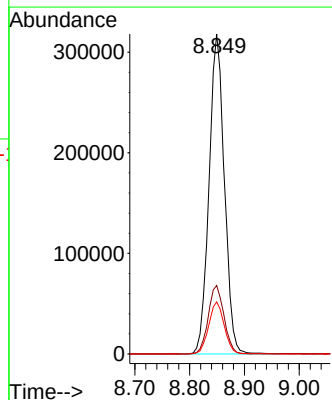
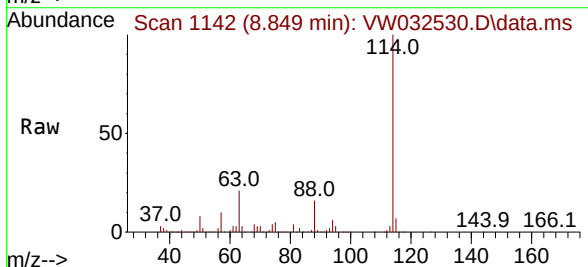
Tgt Ion: 114 Resp: 616508

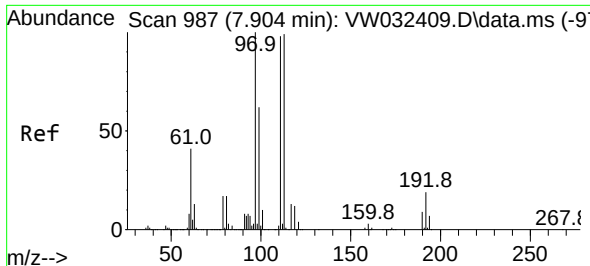
Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.8

88 16.2 0.0 32.6

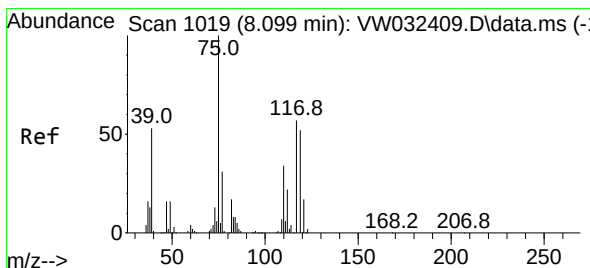
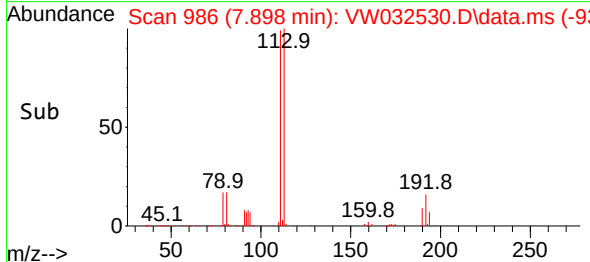
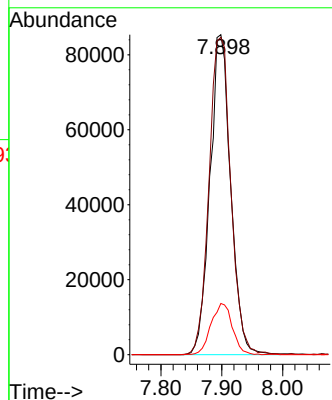
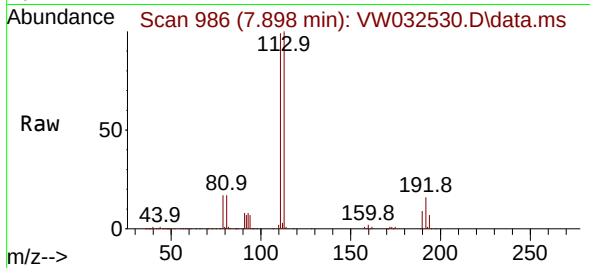




#35
Dibromofluoromethane
Concen: 54.688 ug/l
RT: 7.898 min Scan# 911
Delta R.T. -0.006 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

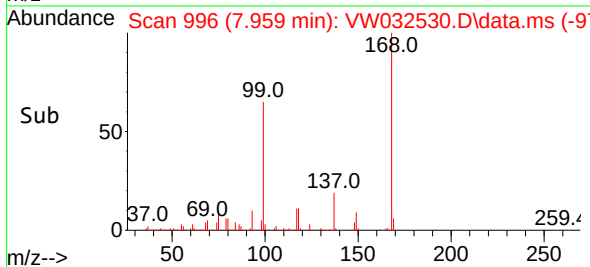
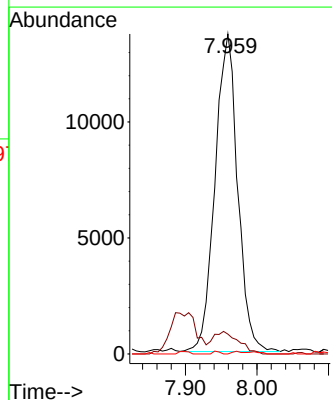
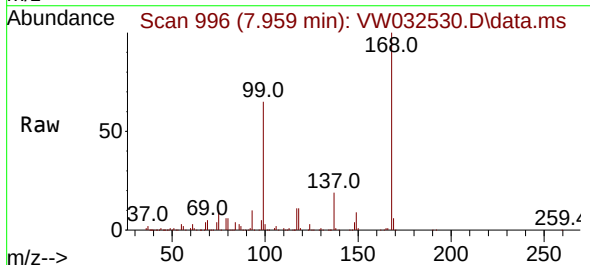
Instrument :
MSVOA_W
ClientSampleId :
VW1125SBL01

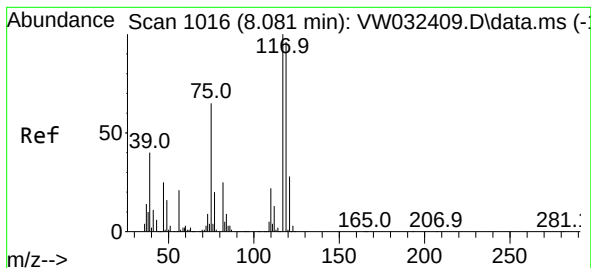
Tgt Ion:113 Resp: 201862
Ion Ratio Lower Upper
113 100
111 104.4 83.1 124.7
192 16.5 13.4 20.2



#36
1,1-Dichloropropene
Concen: 5.537 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.140 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

Tgt Ion: 75 Resp: 30113
Ion Ratio Lower Upper
75 100
110 8.1 17.2 51.5#
77 0.4 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 7.338 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW032530.D

Acq: 25 Nov 2025 09:57

Instrument :

MSVOA_W

ClientSampleId :

VW1125SBL01

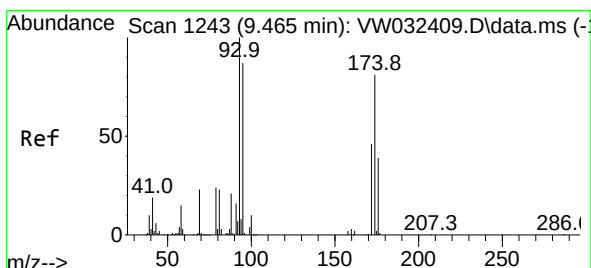
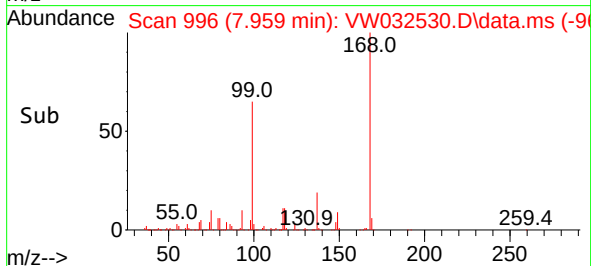
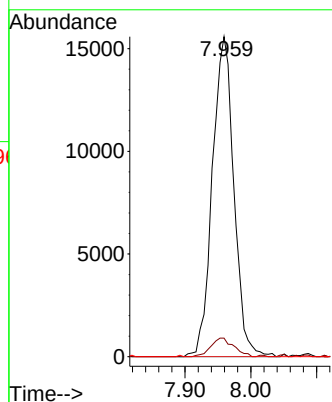
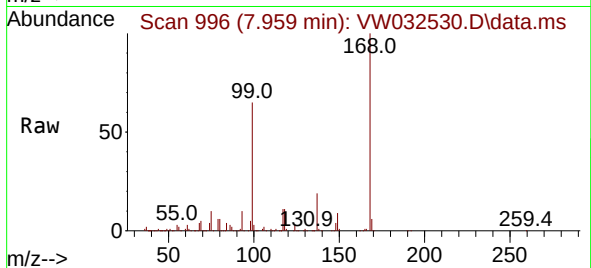
Tgt Ion:117 Resp: 35461

Ion Ratio Lower Upper

117 100

119 5.8 77.0 115.4#

121 0.0 22.0 33.0#



#49

1,4-Dioxane

Concen: 1.681 ug/l

RT: 9.502 min Scan# 1249

Delta R.T. 0.037 min

Lab File: VW032530.D

Acq: 25 Nov 2025 09:57

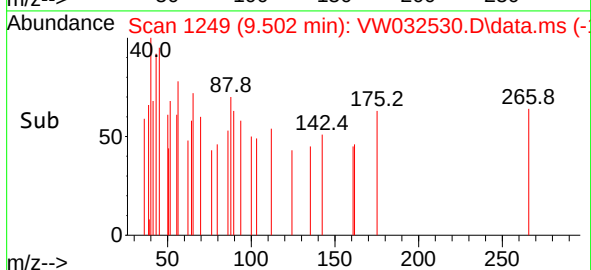
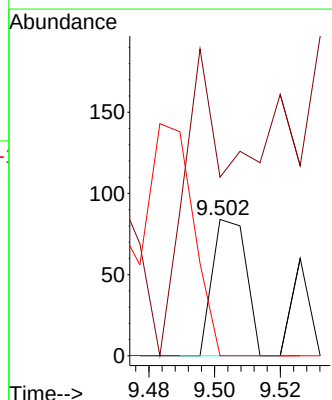
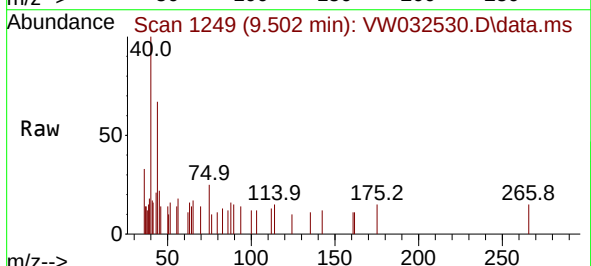
Tgt Ion: 88 Resp: 60

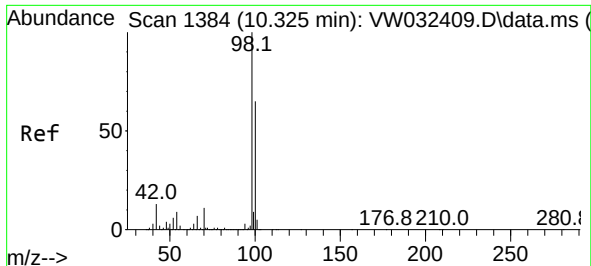
Ion Ratio Lower Upper

88 100

43 386.7 0.0 0.0#

58 345.0 63.0 94.4#

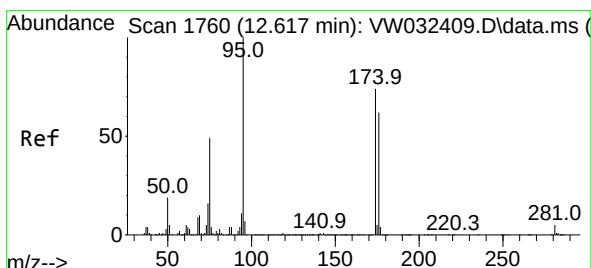
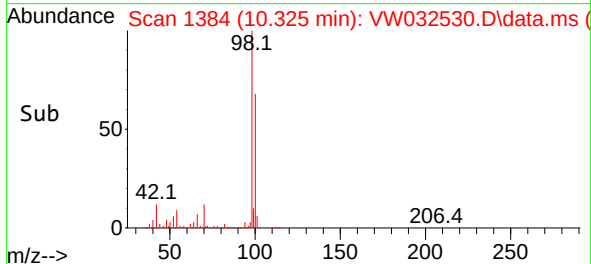
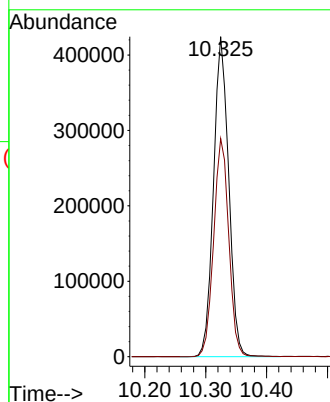
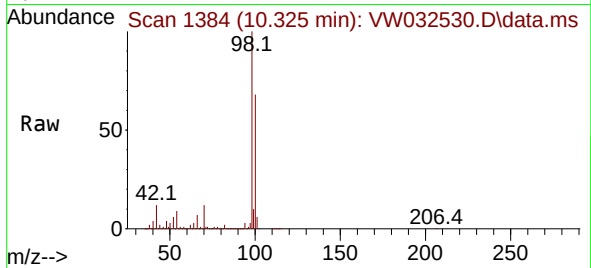




#50
Toluene-d8
Concen: 51.700 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

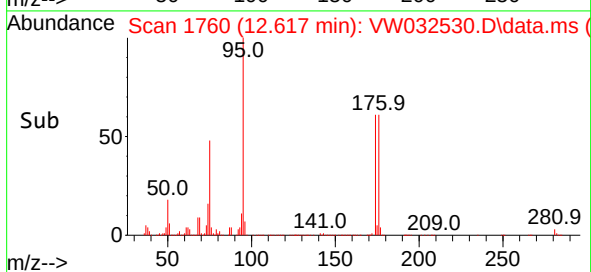
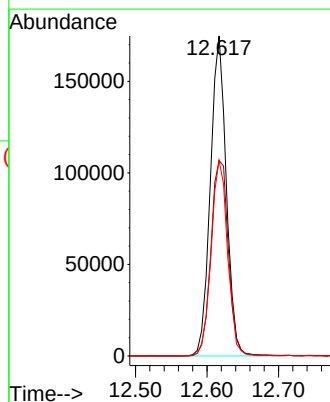
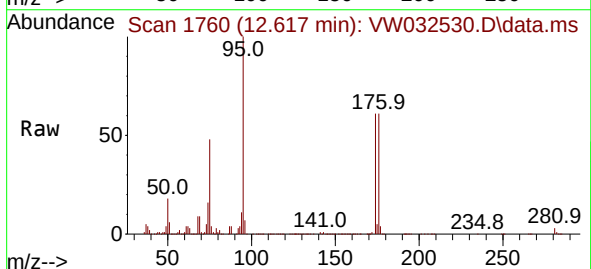
Instrument :
MSVOA_W
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VW1125SBL01

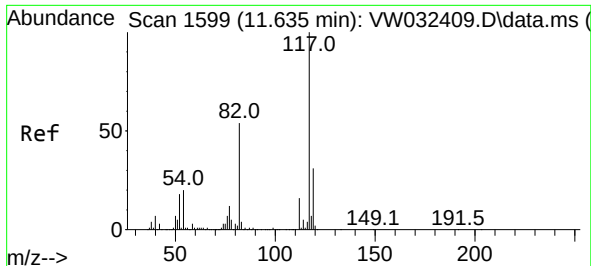
Tgt Ion: 98 Resp: 732098
Ion Ratio Lower Upper
98 100
100 67.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 50.564 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

Tgt Ion: 95 Resp: 270484
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.4
176 62.9 0.0 131.8

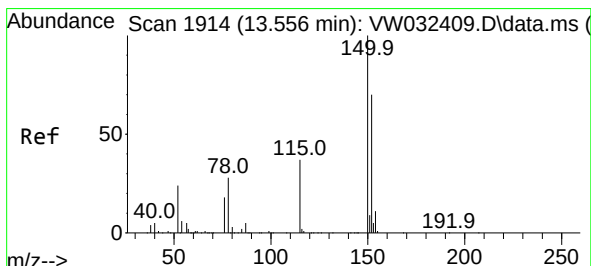
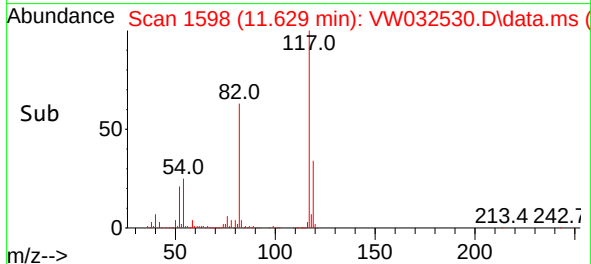
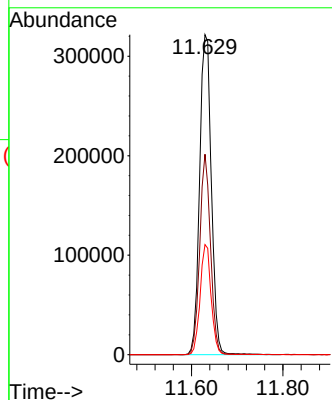
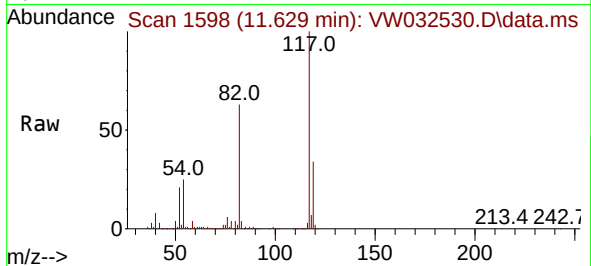




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

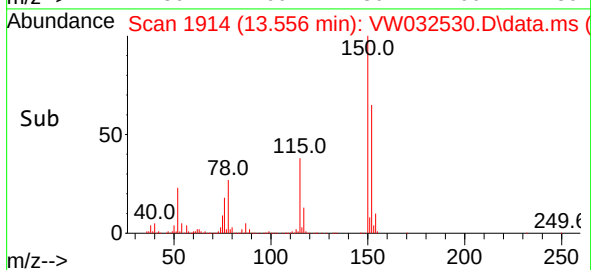
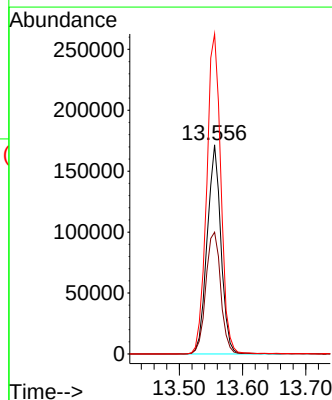
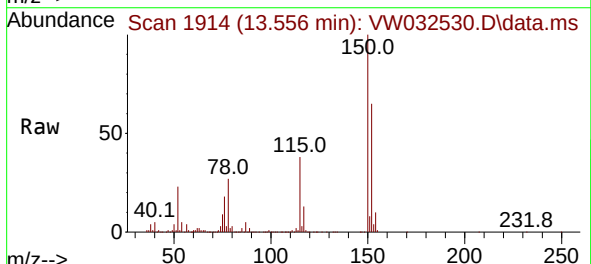
Instrument :
MSVOA_W
ClientSampleId :
VW1125SBL01

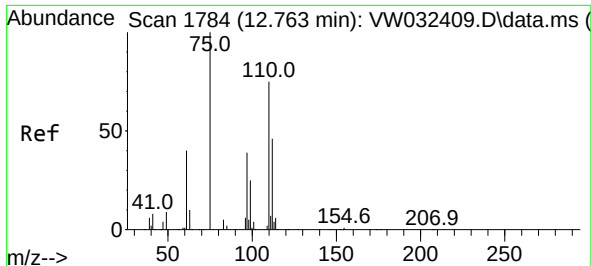
Tgt Ion:117 Resp: 570663
Ion Ratio Lower Upper
117 100
82 62.6 43.0 64.4
119 34.4 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

Tgt Ion:152 Resp: 260746
Ion Ratio Lower Upper
152 100
115 62.9 32.8 98.3
150 157.3 0.0 356.6

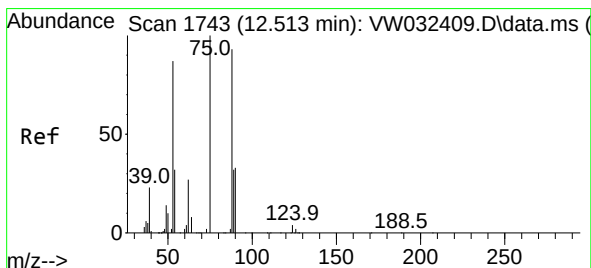
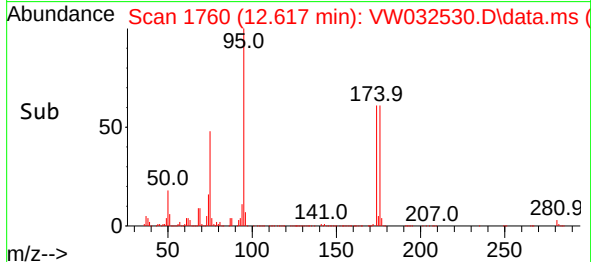
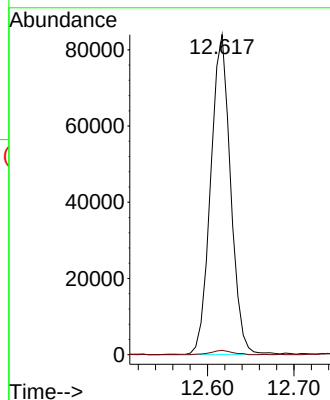
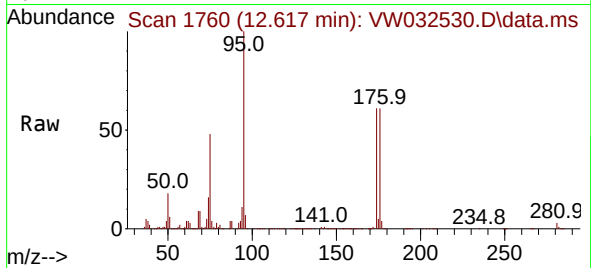




#76
1,2,3-Trichloropropane
Concen: 37.404 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

Instrument :
MSVOA_W
ClientSampleId :
VW1125SBL01

Tgt Ion: 75 Resp: 133728
Ion Ratio Lower Upper
75 100
77 1.5 151.6 454.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.671 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.104 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

Tgt Ion: 75 Resp: 133728
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.1 35.6 53.4#

