

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082225\
 Data File : VW032108.D
 Acq On : 22 Aug 2025 13:35
 Operator : SY/MD
 Sample : VW0822SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBL01

Quant Time: Aug 25 03:51:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

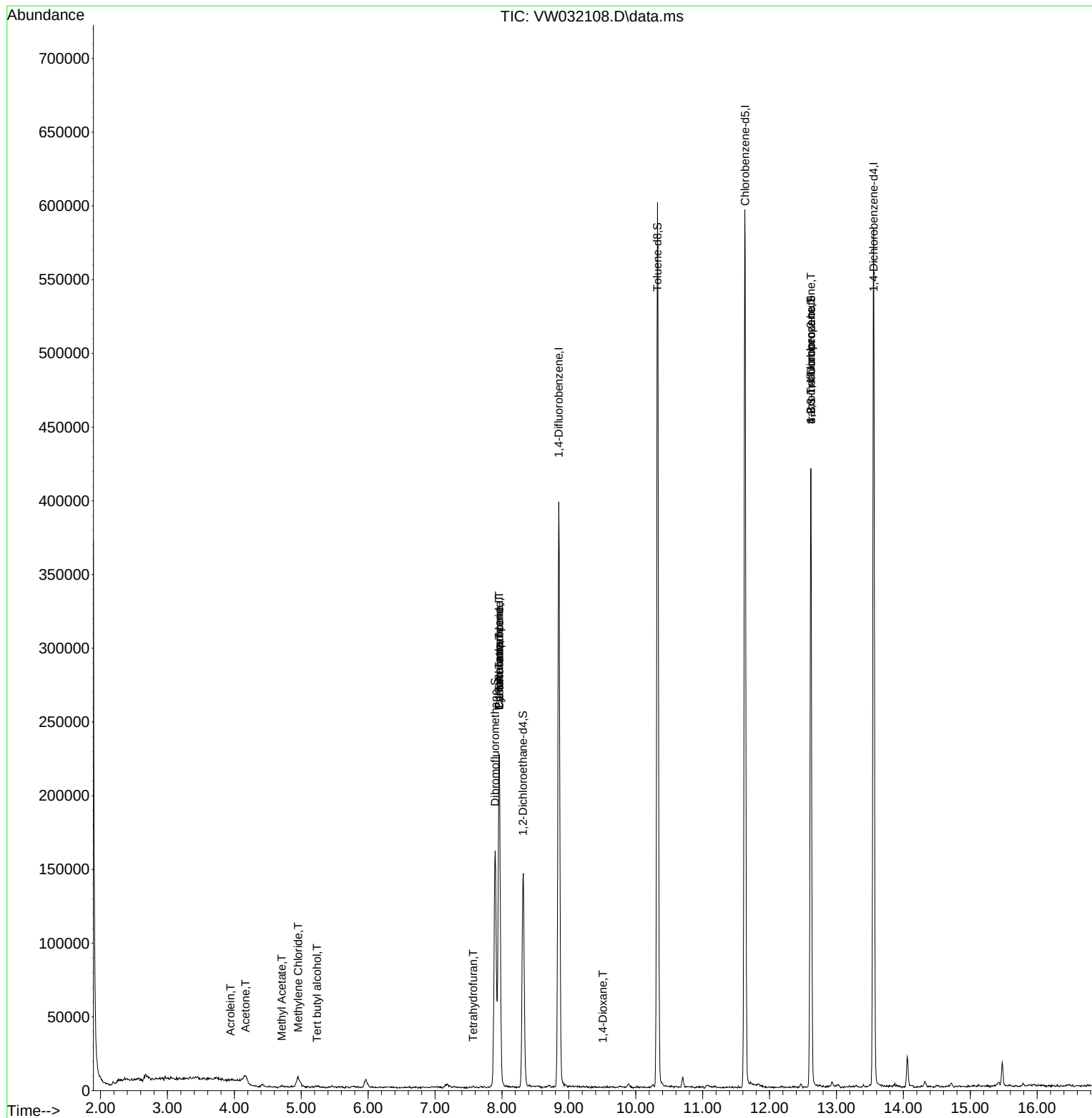
Internal Standards						
1) Pentafluorobenzene	7.959	168	152490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	320732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	308340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	143329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	118893	53.909	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 107.820%		
35) Dibromofluoromethane	7.898	113	113141	54.603	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 109.200%		
50) Toluene-d8	10.325	98	381844	49.824	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 99.640%		
62) 4-Bromofluorobenzene	12.617	95	133093	47.125	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 94.240%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.234	59	250	1.751	ug/l #	81
13) Acrolein	3.942	56	331	1.455	ug/l #	15
16) Acetone	4.167	43	5777	11.314	ug/l #	81
18) Methyl Acetate	4.710	43	1789	1.107	ug/l #	67
20) Methylene Chloride	4.954	84	6000	2.541	ug/l #	89
29) Tetrahydrofuran	7.569	42	675	1.410	ug/l #	54
31) Cyclohexane	7.959	56	4775	1.519	ug/l #	23
36) 1,1-Dichloropropene	7.959	75	15217	5.209	ug/l #	50
38) Carbon Tetrachloride	7.959	117	18048	6.402	ug/l #	20
49) 1,4-Dioxane	9.508	88	26	1.420	ug/l #	1
76) 1,2,3-Trichloropropane	12.617	75	76263	39.204	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	76263	101.494	ug/l #	9

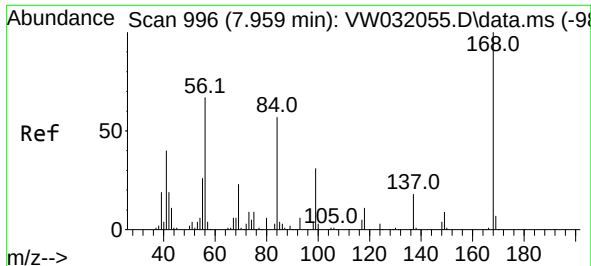
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082225\
Data File : VW032108.D
Acq On : 22 Aug 2025 13:35
Operator : SY/MD
Sample : VW0822SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBL01

Quant Time: Aug 25 03:51:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
Response via : Initial Calibration

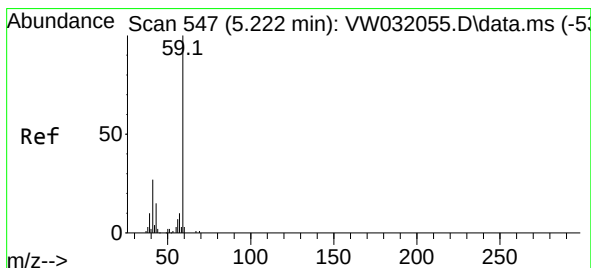
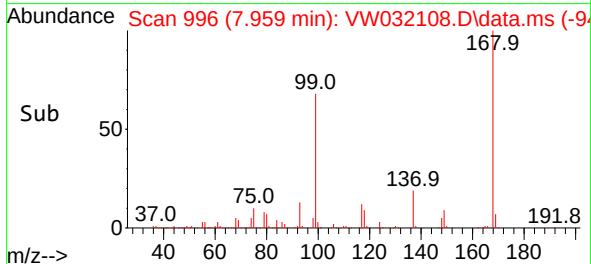
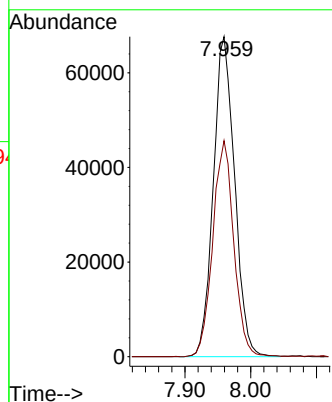
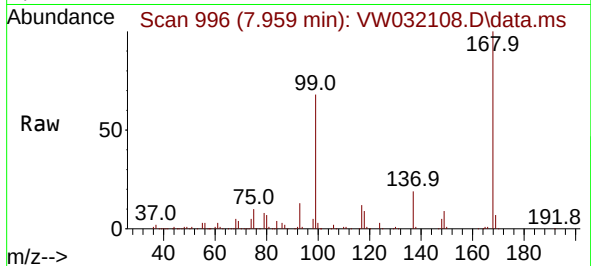




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

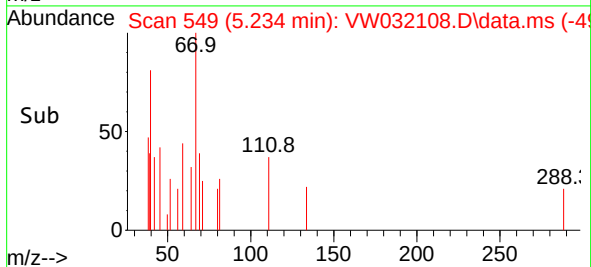
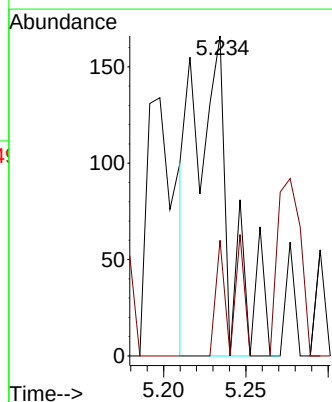
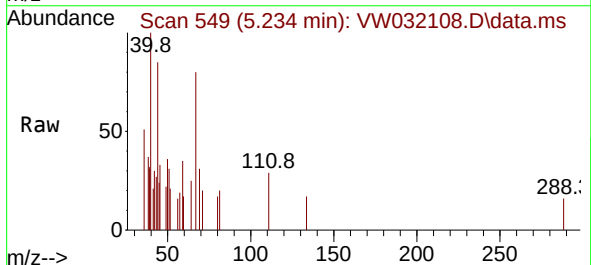
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBL01

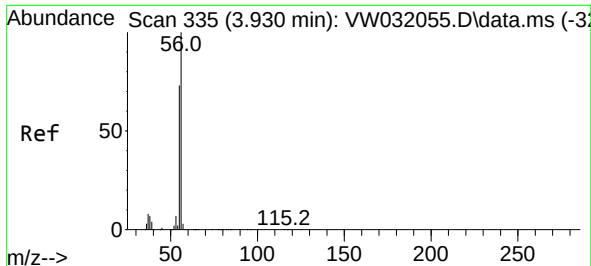
Tgt Ion:168 Resp: 152490
Ion Ratio Lower Upper
168 100
99 67.5 56.0 84.0



#11
Tert butyl alcohol
Concen: 1.751 ug/l
RT: 5.234 min Scan# 549
Delta R.T. 0.012 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

Tgt Ion: 59 Resp: 250
Ion Ratio Lower Upper
59 100
57 18.0 8.7 13.1#

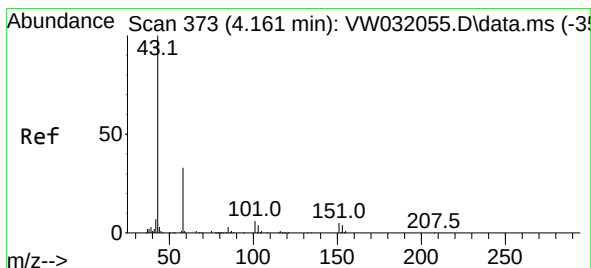
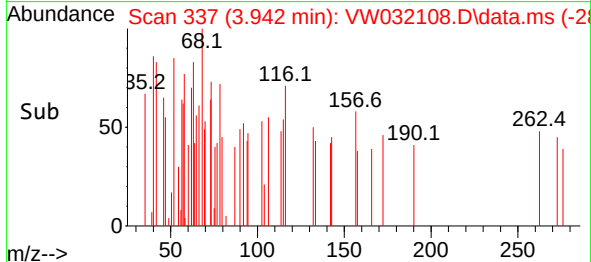
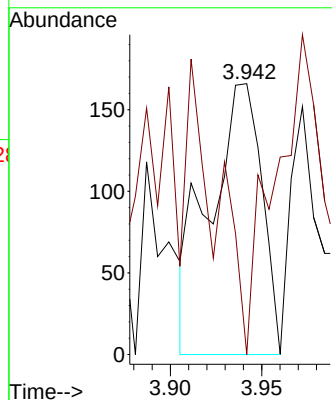
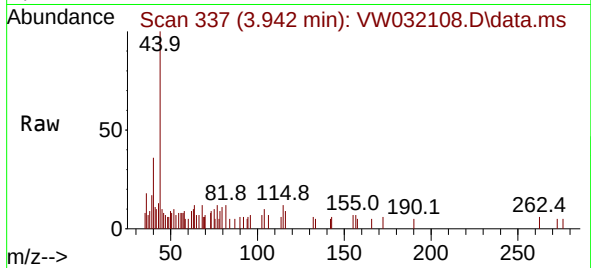




#13
Acrolein
Concen: 1.455 ug/l
RT: 3.942 min Scan# 331
Delta R.T. 0.012 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

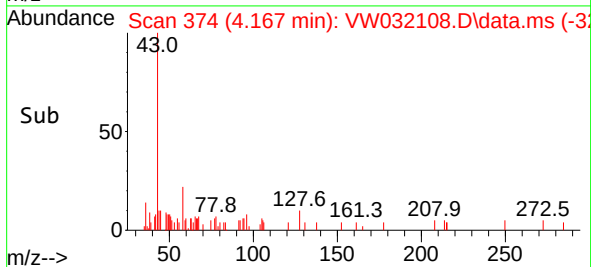
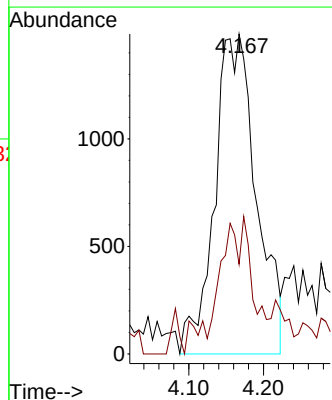
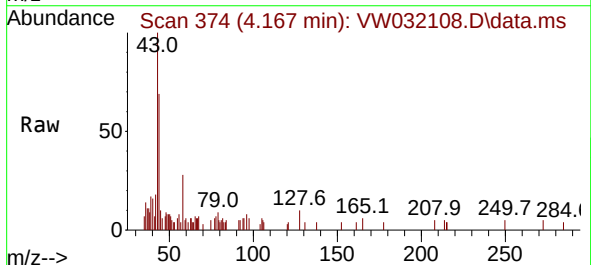
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBL01

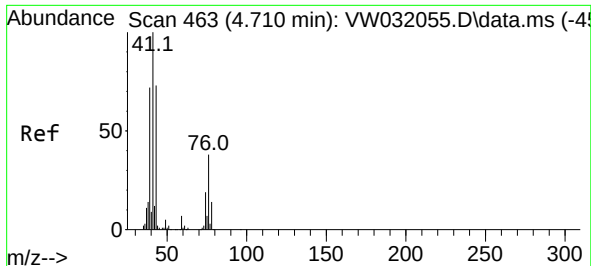
Tgt Ion: 56 Resp: 331
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#



#16
Acetone
Concen: 11.314 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

Tgt Ion: 43 Resp: 5777
Ion Ratio Lower Upper
43 100
58 22.6 26.6 39.8#

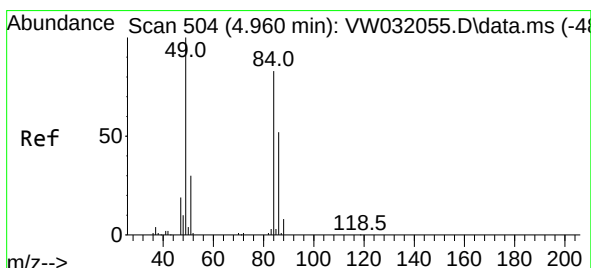
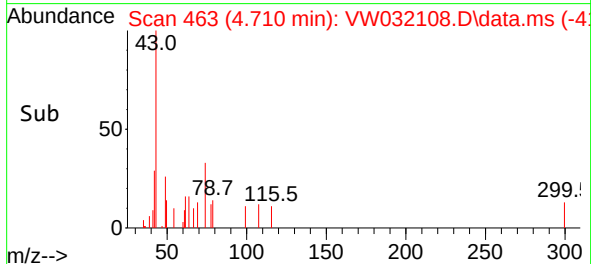
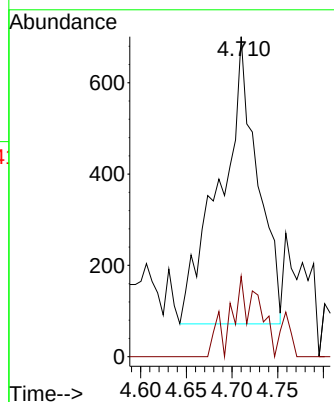
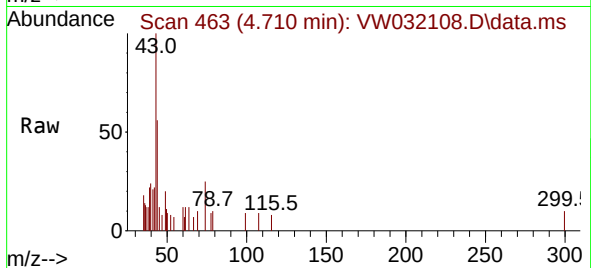




#18
Methyl Acetate
Concen: 1.107 ug/l
RT: 4.710 min Scan# 418
Delta R.T. 0.000 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

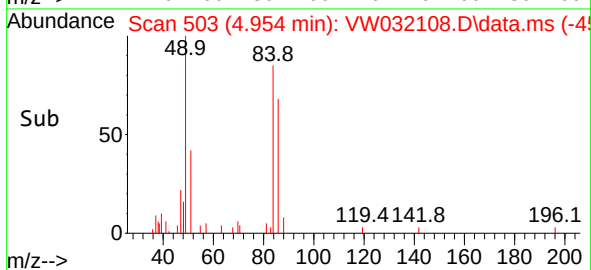
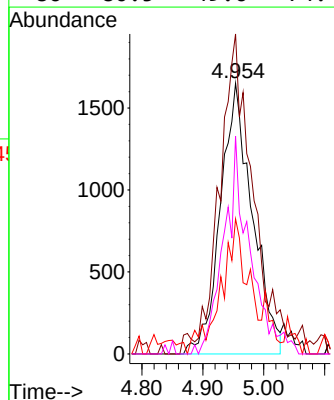
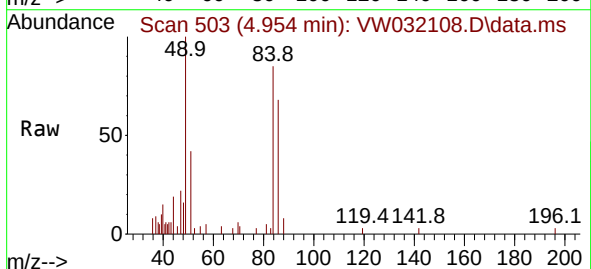
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBL01

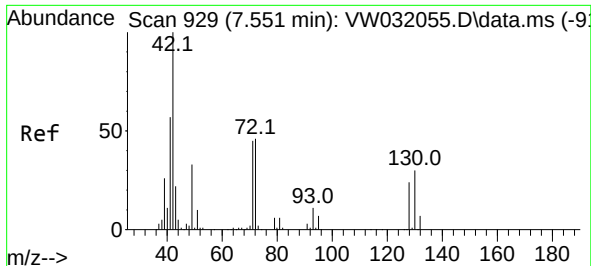
Tgt Ion: 43 Resp: 1789
Ion Ratio Lower Upper
43 100
74 8.9 20.6 31.0#



#20
Methylene Chloride
Concen: 2.541 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

Tgt Ion: 84 Resp: 6000
Ion Ratio Lower Upper
84 100
49 118.2 95.9 143.9
51 46.0 28.6 43.0#
86 80.5 49.6 74.4#

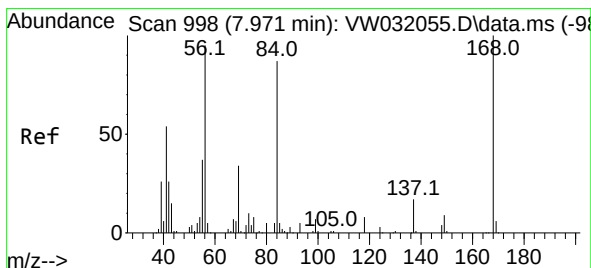
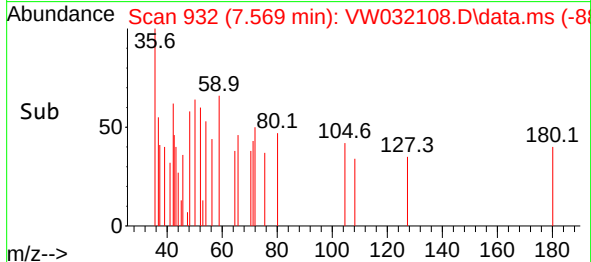
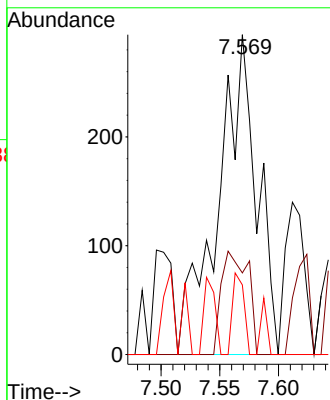
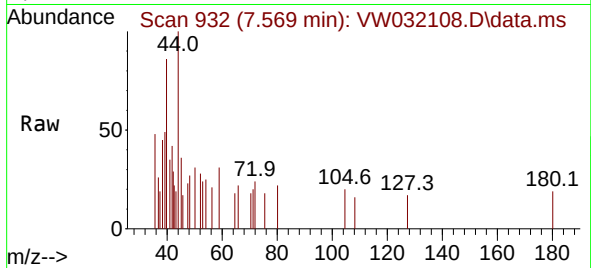




#29
Tetrahydrofuran
Concen: 1.410 ug/l
RT: 7.569 min Scan# 911
Delta R.T. 0.018 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

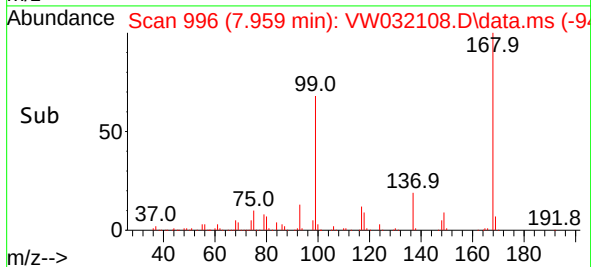
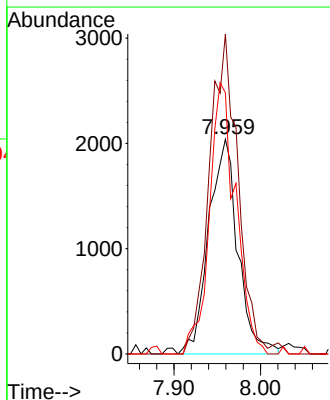
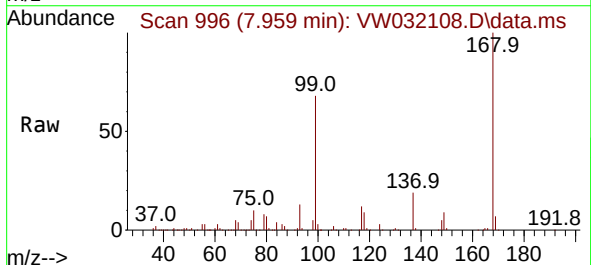
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBL01

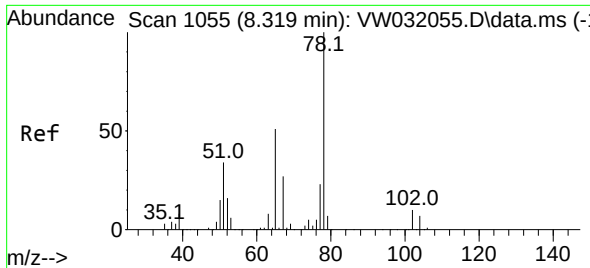
Tgt Ion: 42 Resp: 675
Ion Ratio Lower Upper
42 100
72 21.9 36.6 55.0#
71 7.6 34.7 52.1#



#31
Cyclohexane
Concen: 1.519 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

Tgt Ion: 56 Resp: 4775
Ion Ratio Lower Upper
56 100
69 149.0 28.6 42.8#
84 121.6 73.0 109.4#

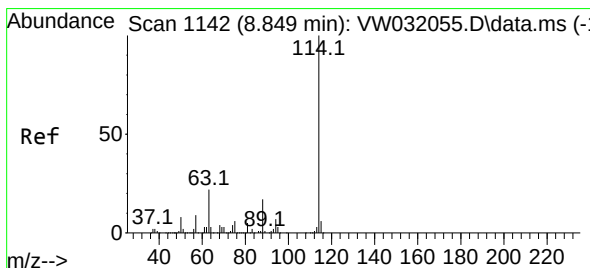
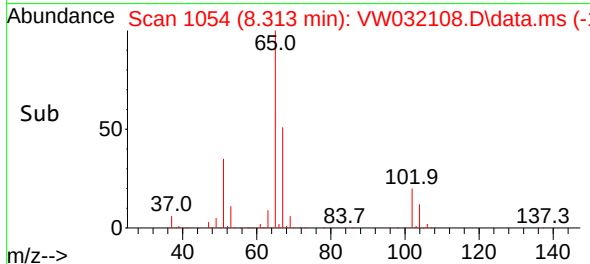
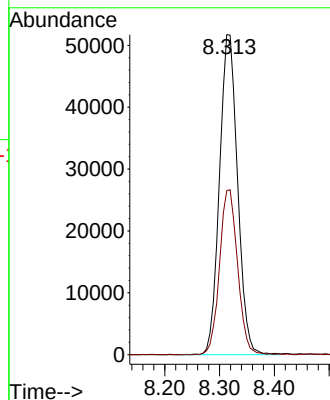
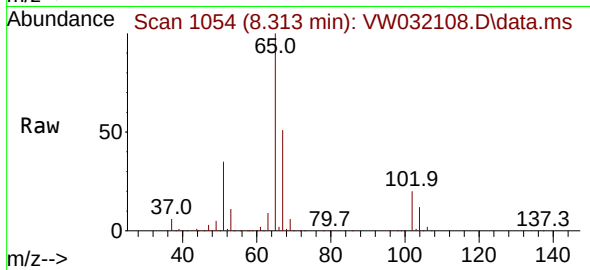




#33
 1,2-Dichloroethane-d4
 Concen: 53.909 ug/l
 RT: 8.313 min Scan# 1054
 Delta R.T. -0.006 min
 Lab File: VW032108.D
 Acq: 22 Aug 2025 13:35

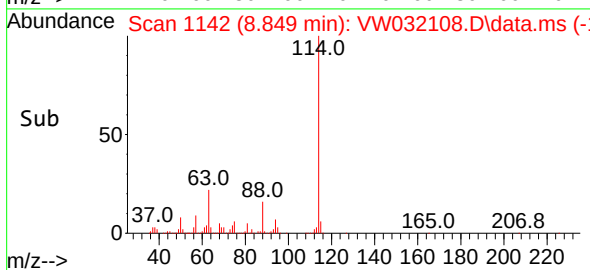
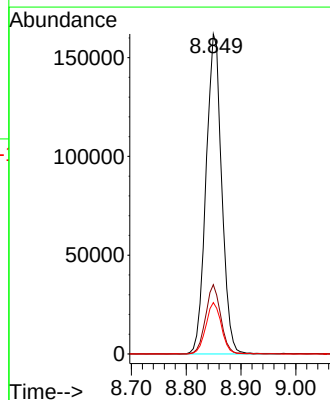
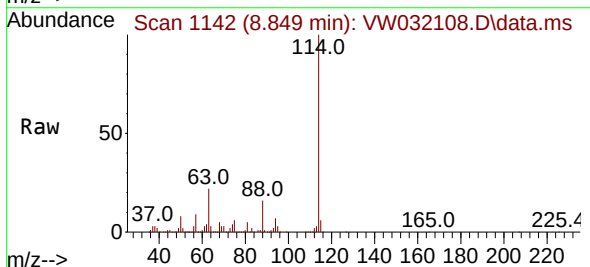
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBL01

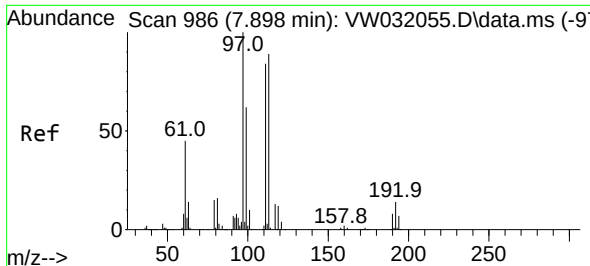
Tgt Ion: 65 Resp: 118893
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032108.D
 Acq: 22 Aug 2025 13:35

Tgt Ion: 114 Resp: 320732
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.0
 88 16.1 0.0 33.8

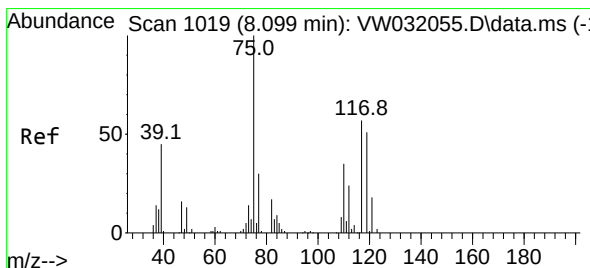
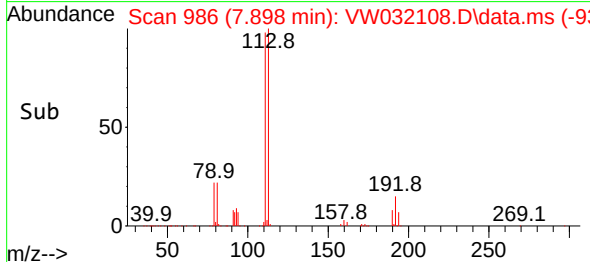
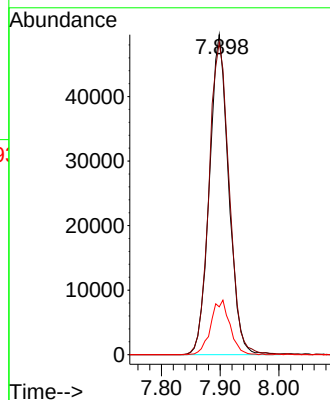
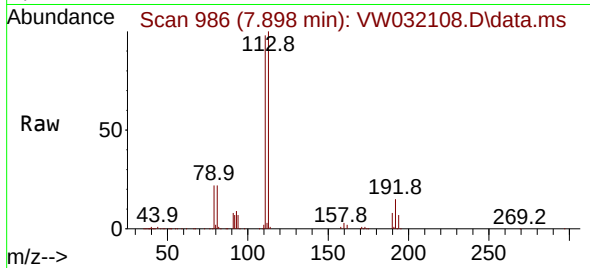




#35
Dibromofluoromethane
Concen: 54.603 ug/l
RT: 7.898 min Scan# 911
Delta R.T. 0.000 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

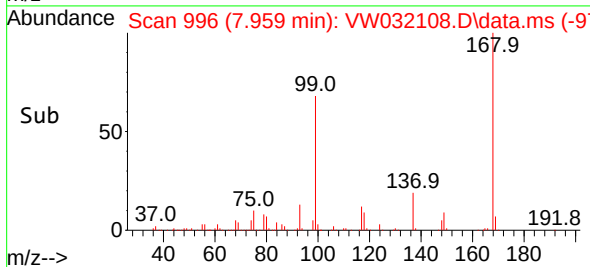
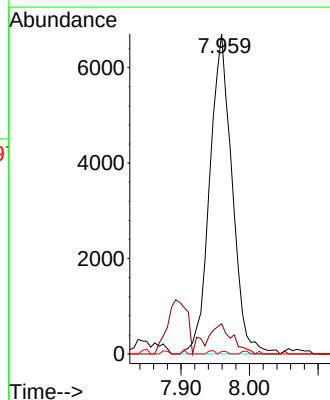
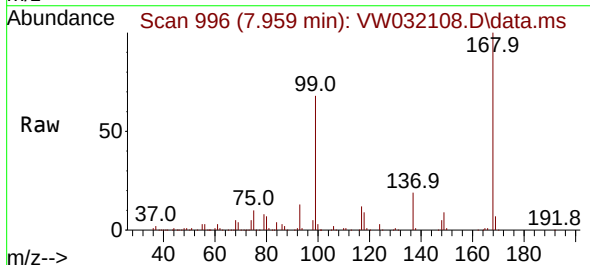
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBL01

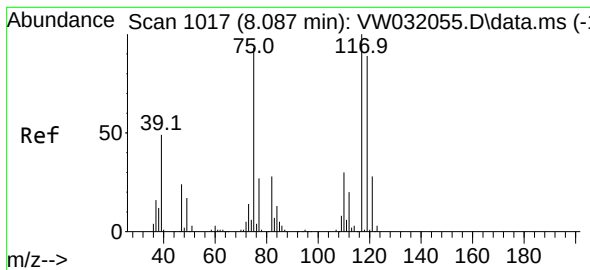
Tgt Ion:113 Resp: 113141
Ion Ratio Lower Upper
113 100
111 102.3 80.1 120.1
192 16.9 13.1 19.7



#36
1,1-Dichloropropene
Concen: 5.209 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.140 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

Tgt Ion: 75 Resp: 15217
Ion Ratio Lower Upper
75 100
110 8.9 17.4 52.2#
77 0.3 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.402 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.128 min

Lab File: VW032108.D

Acq: 22 Aug 2025 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBL01

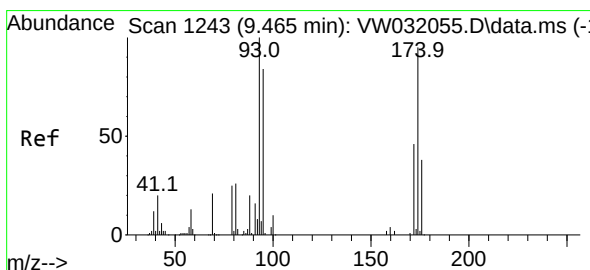
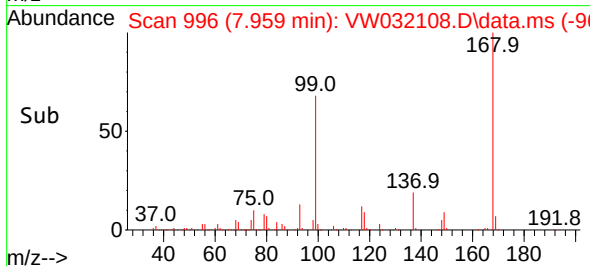
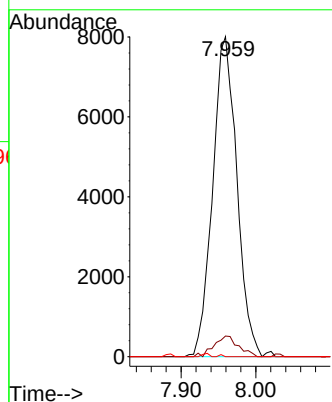
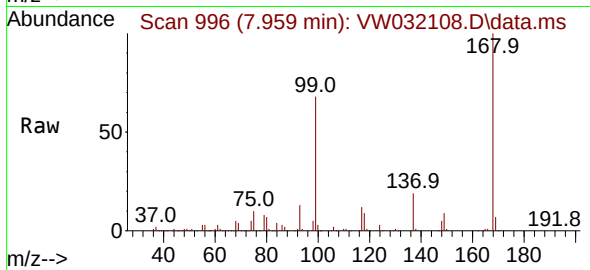
Tgt Ion:117 Resp: 18048

Ion Ratio Lower Upper

117 100

119 6.4 71.4 107.2#

121 0.0 22.3 33.5#



#49

1,4-Dioxane

Concen: 1.420 ug/l

RT: 9.508 min Scan# 1250

Delta R.T. 0.043 min

Lab File: VW032108.D

Acq: 22 Aug 2025 13:35

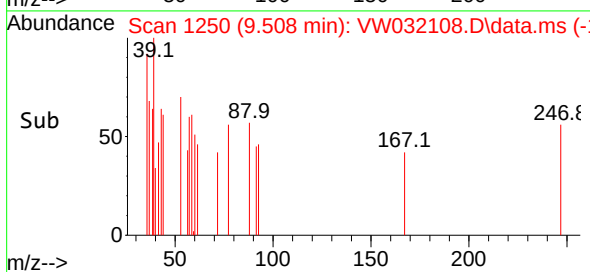
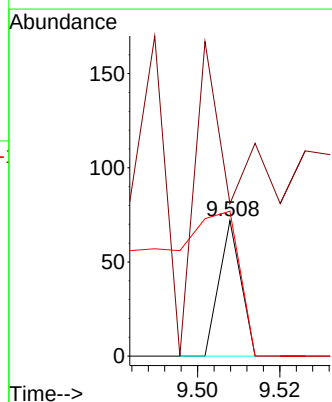
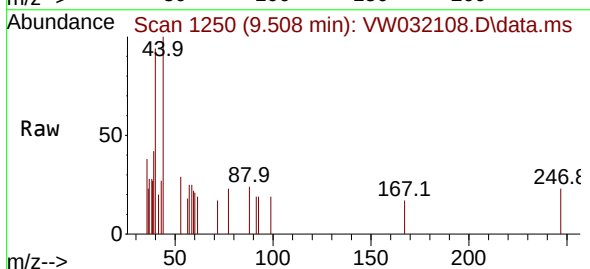
Tgt Ion: 88 Resp: 26

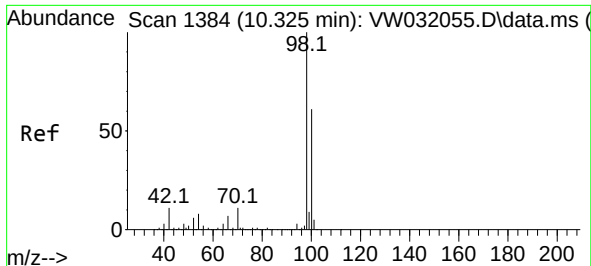
Ion Ratio Lower Upper

88 100

43 623.1 20.6 30.8#

58 450.0 60.4 90.6#

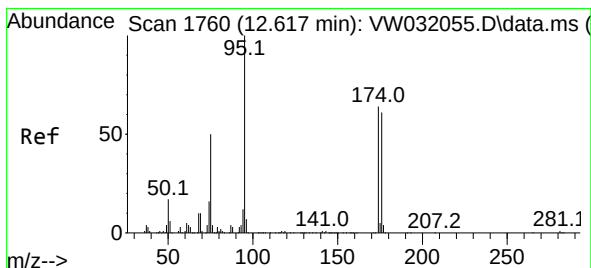
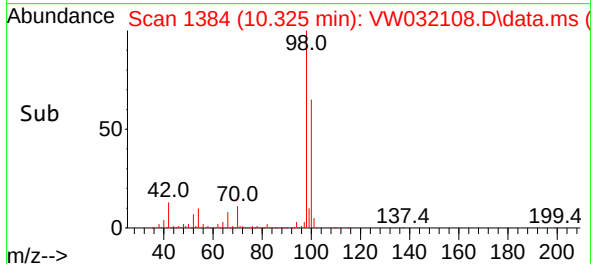
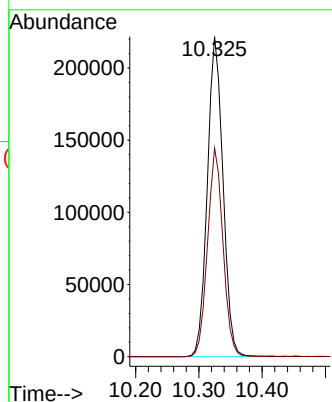
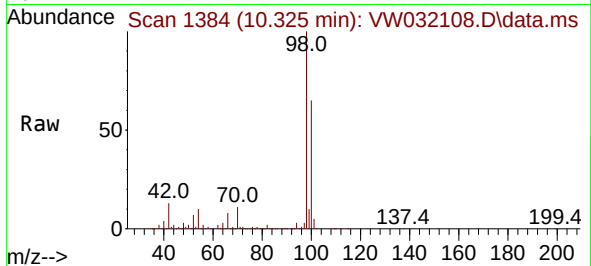




#50
Toluene-d8
Concen: 49.824 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

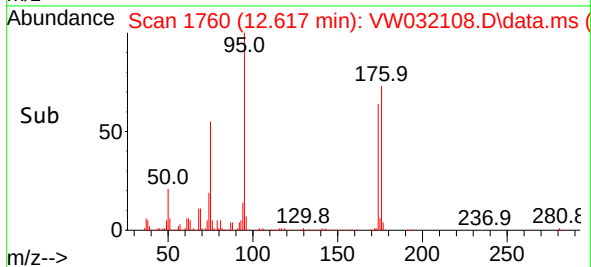
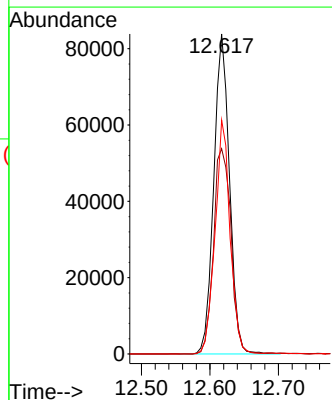
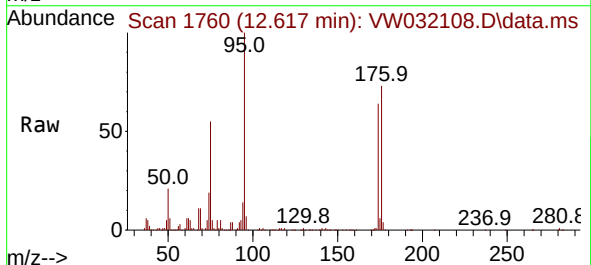
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBL01

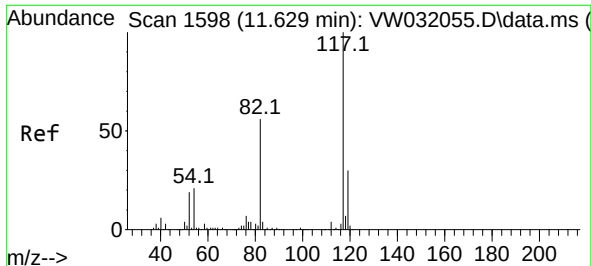
Tgt Ion: 98 Resp: 381844
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 47.125 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

Tgt Ion: 95 Resp: 133093
Ion Ratio Lower Upper
95 100
174 71.5 0.0 129.0
176 70.2 0.0 124.6

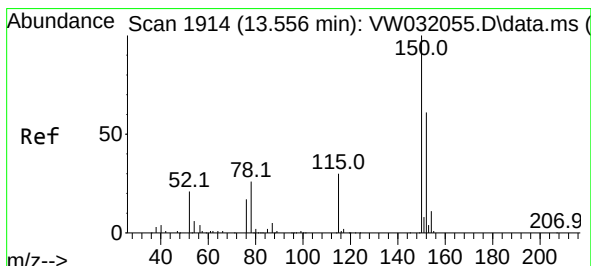
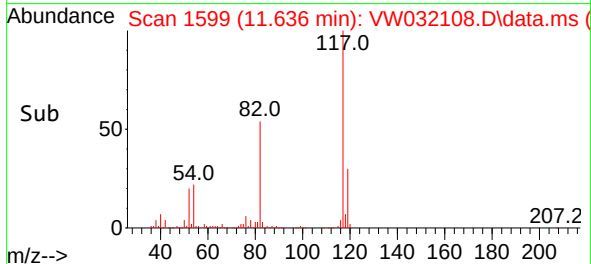
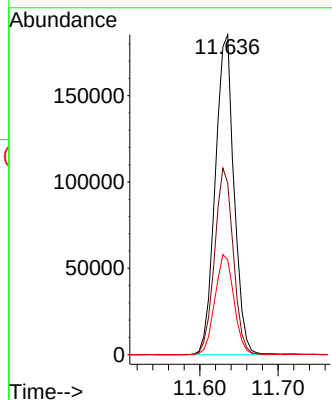
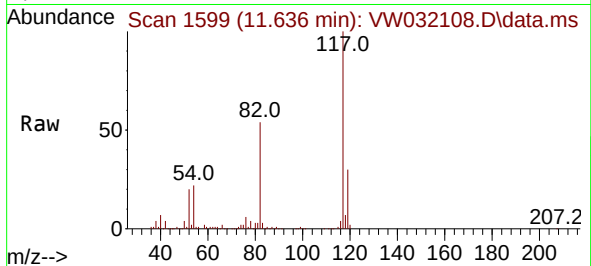




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 11599
Delta R.T. 0.006 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

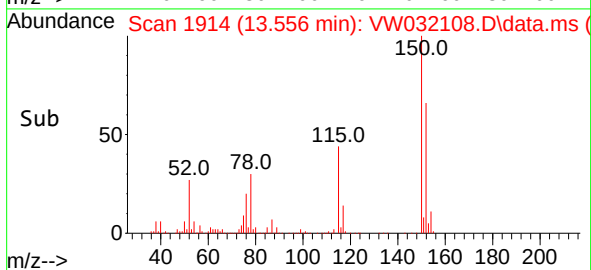
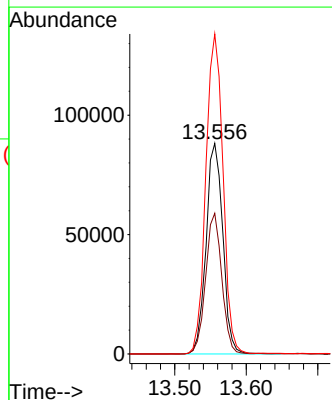
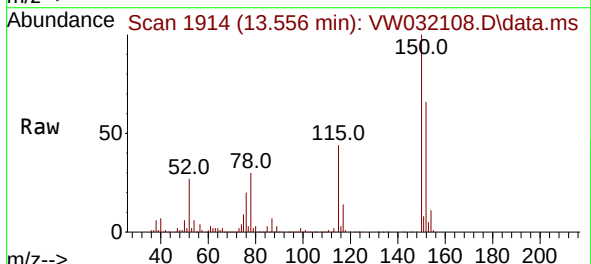
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBL01

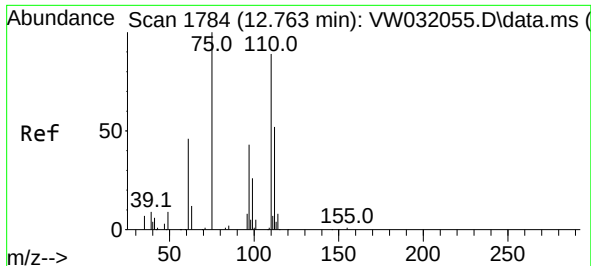
Tgt Ion:117 Resp: 308340
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 29.6 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

Tgt Ion:152 Resp: 143329
Ion Ratio Lower Upper
152 100
115 64.7 32.6 97.8
150 155.3 0.0 359.4

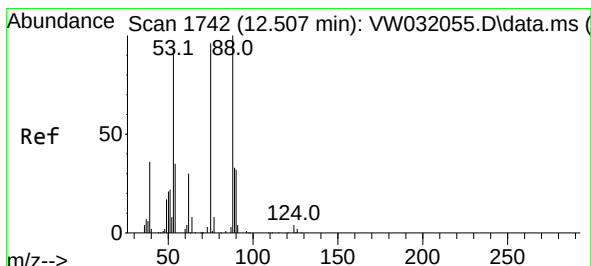
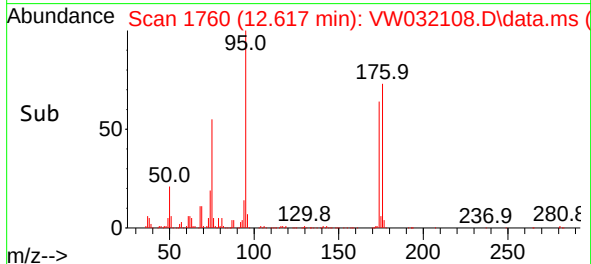
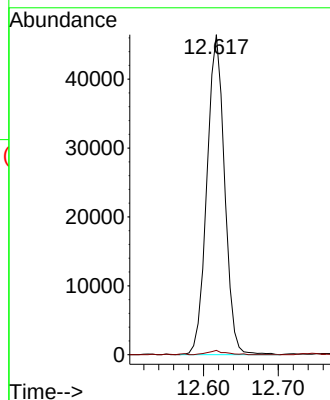
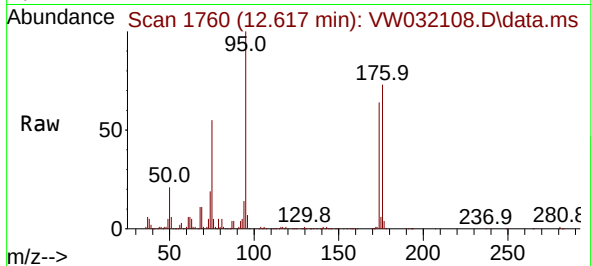




#76
1,2,3-Trichloropropane
Concen: 39.204 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBL01

Tgt Ion: 75 Resp: 76263
Ion Ratio Lower Upper
75 100
77 1.3 123.5 370.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.494 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

Tgt Ion: 75 Resp: 76263
Ion Ratio Lower Upper
75 100
53 0.2 81.0 121.6#
89 0.1 37.3 55.9#

