

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032070.D
 Acq On : 11 Aug 2025 16:34
 Operator : SY/MD
 Sample : Q2818-02
 Misc : 5.29g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-3-5-2

Quant Time: Aug 12 04:27:41 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)

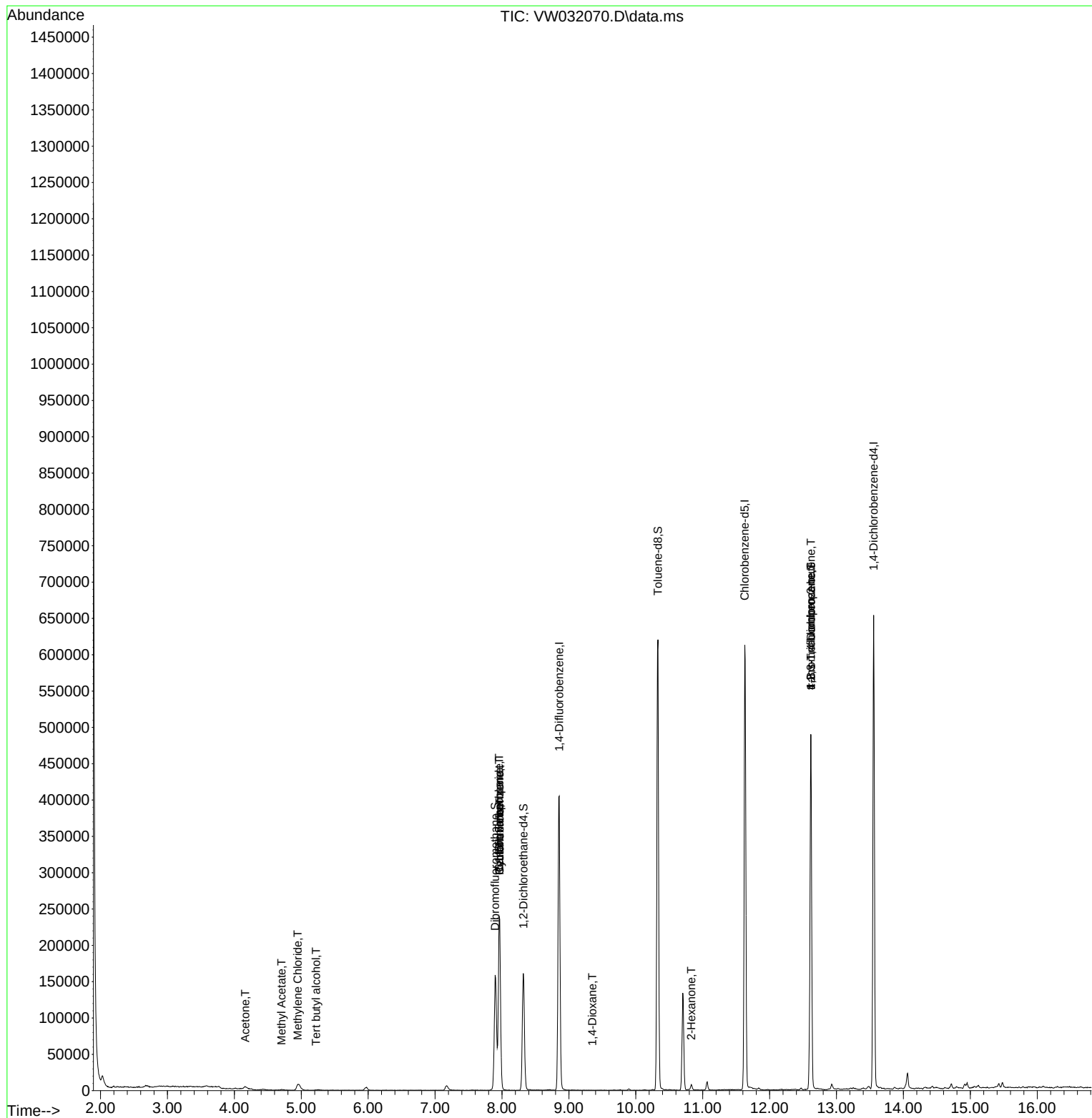
Internal Standards						
1) Pentafluorobenzene	7.965	168	163499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	344516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	338197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	164031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	134381	56.829	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 113.660%		
35) Dibromofluoromethane	7.898	113	119002	53.467	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 106.940%		
50) Toluene-d8	10.331	98	411374	49.971	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 99.940%		
62) 4-Bromofluorobenzene	12.617	95	165115	54.427	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 108.860%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.222	59	354	2.312	ug/l #	71
16) Acetone	4.161	43	5517	10.077	ug/l #	78
18) Methyl Acetate	4.704	43	2144	1.238	ug/l #	62
20) Methylene Chloride	4.947	84	8425	3.328	ug/l #	93
31) Cyclohexane	7.965	56	4354	1.292	ug/l #	12
36) 1,1-Dichloropropene	7.959	75	15364	4.897	ug/l #	50
38) Carbon Tetrachloride	7.959	117	19233	6.352	ug/l #	18
49) 1,4-Dioxane	9.349	88	20	1.017	ug/l #	1
59) 2-Hexanone	10.831	43	4714	3.547	ug/l	73
76) 1,2,3-Trichloropropane	12.617	75	85158	38.251	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	85158	99.029	ug/l #	9

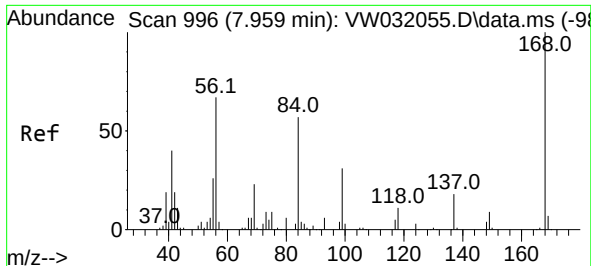
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
Data File : VW032070.D
Acq On : 11 Aug 2025 16:34
Operator : SY/MD
Sample : Q2818-02
Misc : 5.29g/5mL/MSVOA_W/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-3-5-2

Quant Time: Aug 12 04:27:41 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

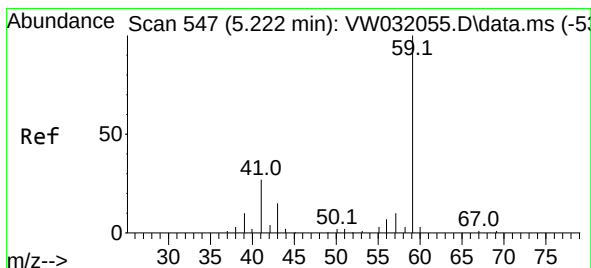
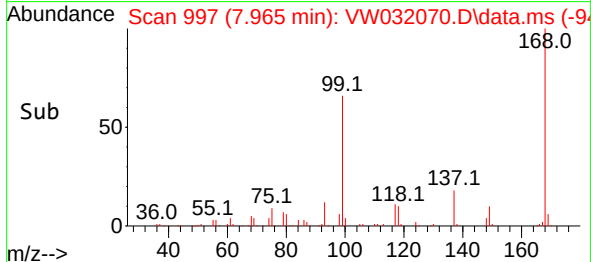
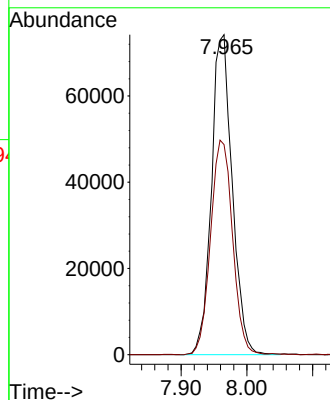
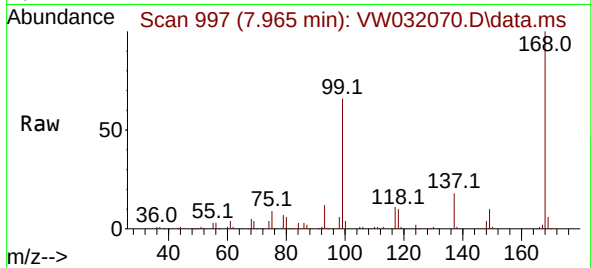




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW032070.D
Acq: 11 Aug 2025 16:34

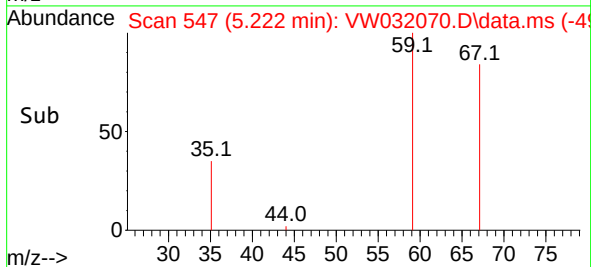
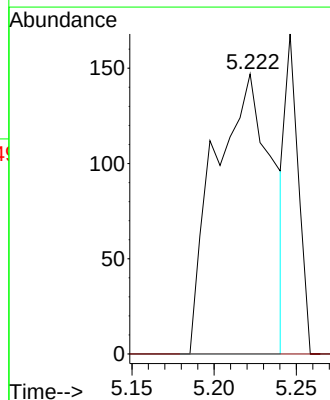
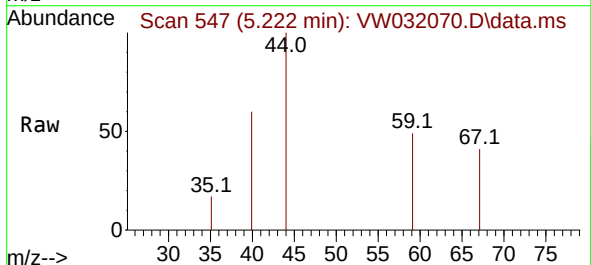
Instrument :
MSVOA_W
ClientSampleId :
B-3-5-2

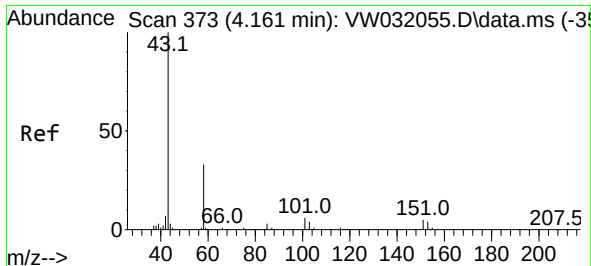
Tgt Ion:168 Resp: 163499
Ion Ratio Lower Upper
168 100
99 65.6 56.0 84.0



#11
Tert butyl alcohol
Concen: 2.312 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW032070.D
Acq: 11 Aug 2025 16:34

Tgt Ion: 59 Resp: 354
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

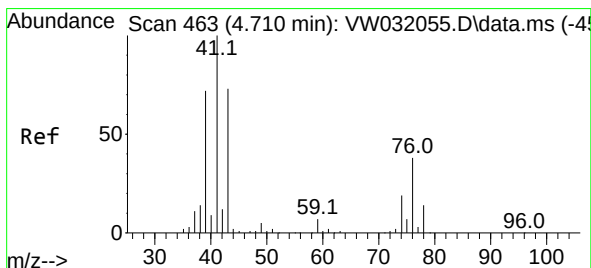
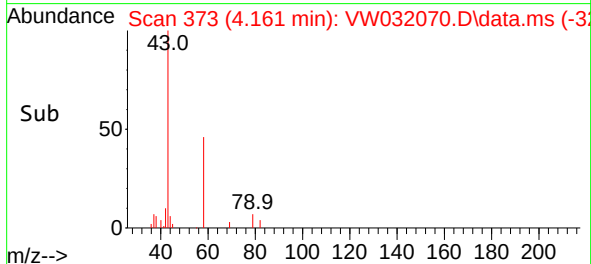
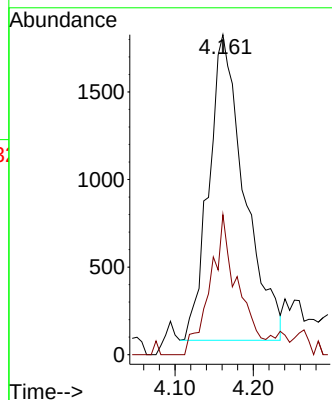
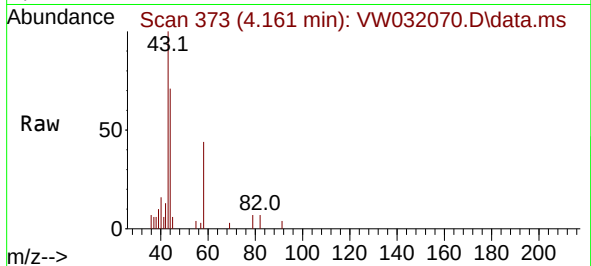




#16
Acetone
Concen: 10.077 ug/l
RT: 4.161 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032070.D
Acq: 11 Aug 2025 16:34

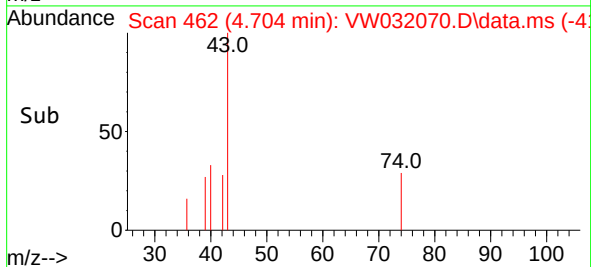
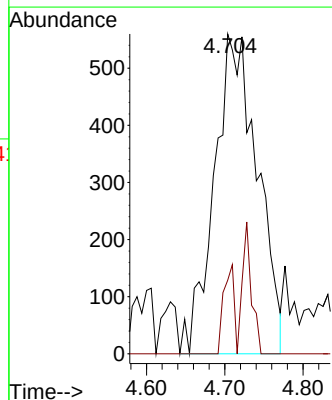
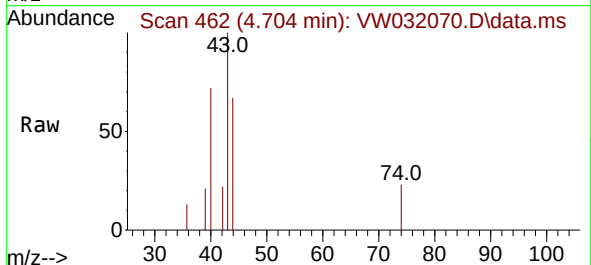
Instrument :
MSVOA_W
ClientSampleId :
B-3-5-2

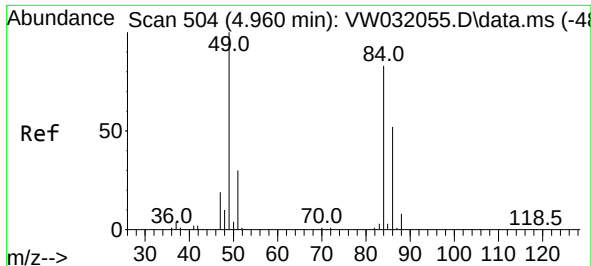
Tgt Ion: 43 Resp: 5517
Ion Ratio Lower Upper
43 100
58 45.8 26.6 39.8#



#18
Methyl Acetate
Concen: 1.238 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032070.D
Acq: 11 Aug 2025 16:34

Tgt Ion: 43 Resp: 2144
Ion Ratio Lower Upper
43 100
74 6.7 20.6 31.0#

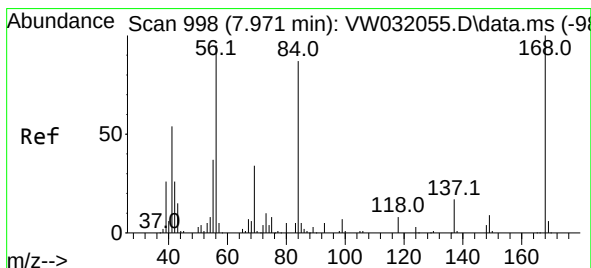
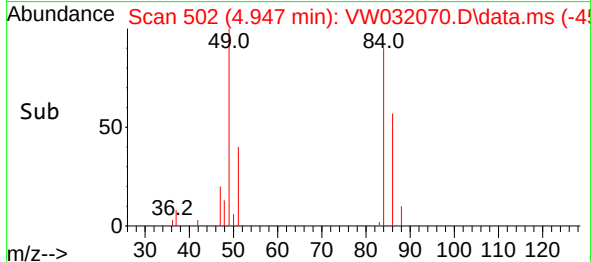
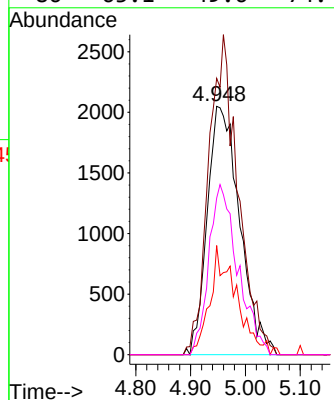
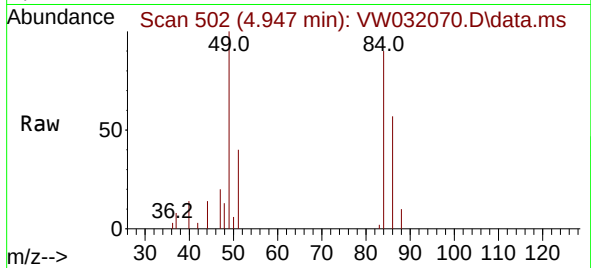




#20
Methylene Chloride
Concen: 3.328 ug/l
RT: 4.947 min Scan# 504
Delta R.T. -0.012 min
Lab File: VW032070.D
Acq: 11 Aug 2025 16:34

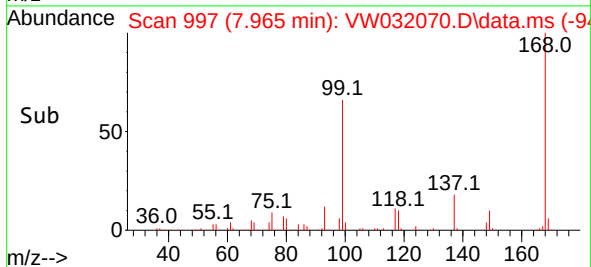
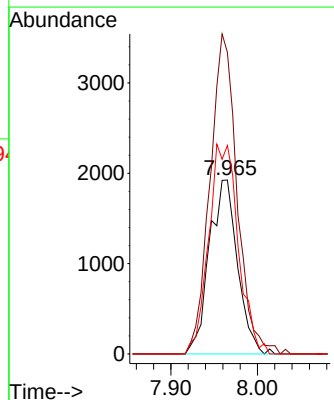
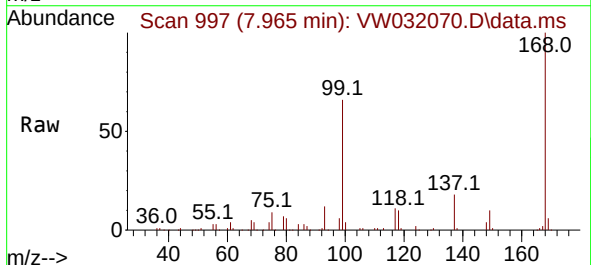
Instrument :
MSVOA_W
ClientSampleId :
B-3-5-2

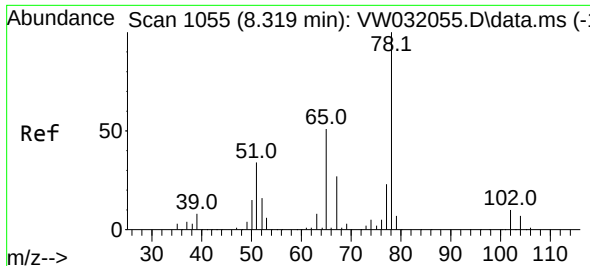
Tgt Ion:	84	Resp:	8425
Ion	Ratio	Lower	Upper
84	100		
49	111.2	95.9	143.9
51	44.0	28.6	43.0#
86	63.1	49.6	74.4



#31
Cyclohexane
Concen: 1.292 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032070.D
Acq: 11 Aug 2025 16:34

Tgt Ion:	56	Resp:	4354
Ion	Ratio	Lower	Upper
56	100		
69	173.5	28.6	42.8#
84	119.9	73.0	109.4#

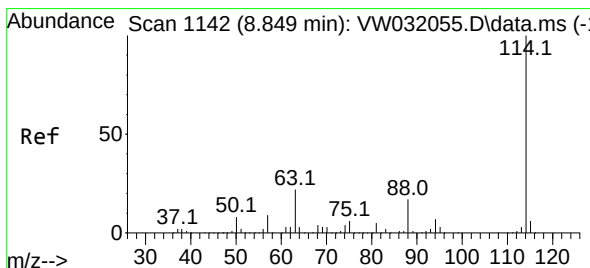
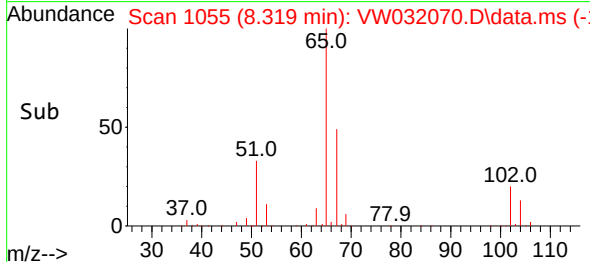
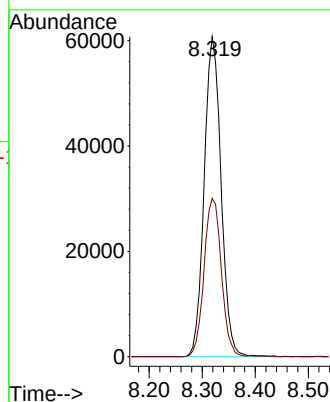
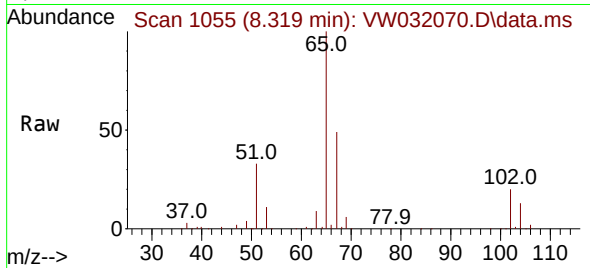




#33
 1,2-Dichloroethane-d4
 Concen: 56.829 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032070.D
 Acq: 11 Aug 2025 16:34

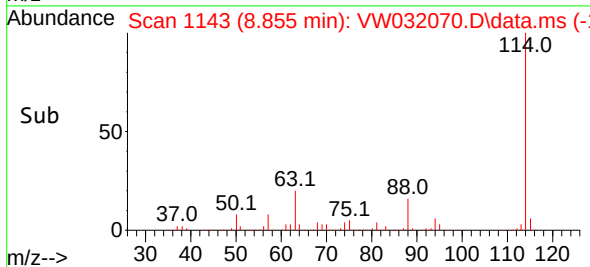
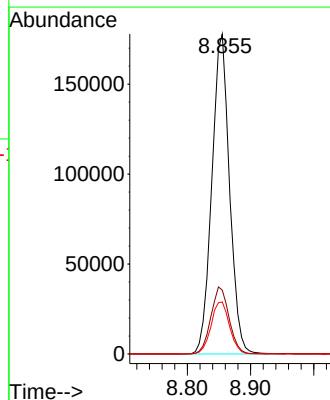
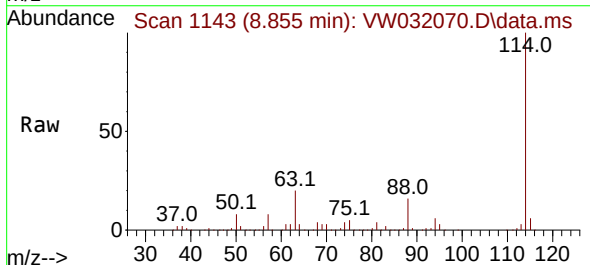
Instrument :
 MSVOA_W
 ClientSampleId :
 B-3-5-2

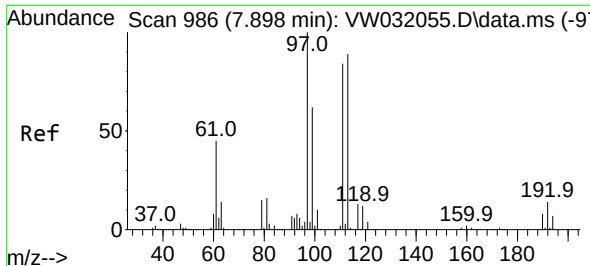
Tgt Ion: 65 Resp: 134381
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW032070.D
 Acq: 11 Aug 2025 16:34

Tgt Ion: 114 Resp: 344516
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 43.0
 88 16.3 0.0 33.8

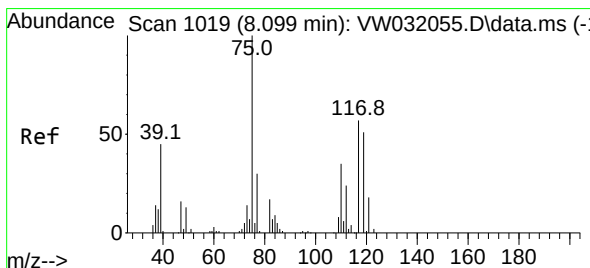
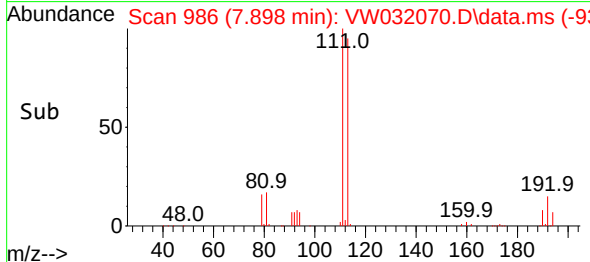
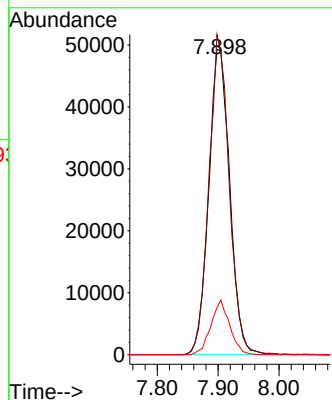
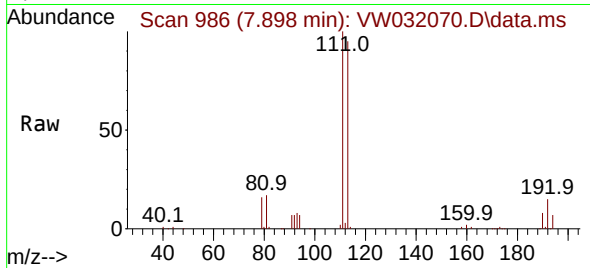




#35
Dibromofluoromethane
Concen: 53.467 ug/l
RT: 7.898 min Scan# 911
Delta R.T. -0.000 min
Lab File: VW032070.D
Acq: 11 Aug 2025 16:34

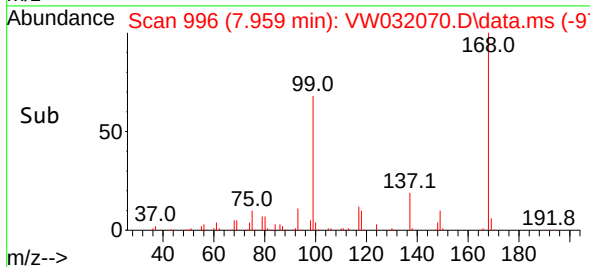
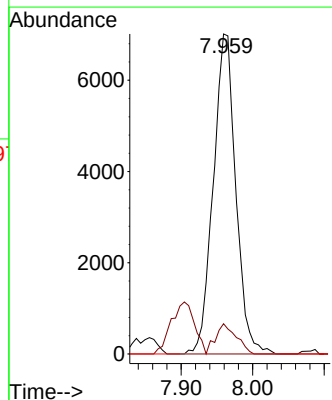
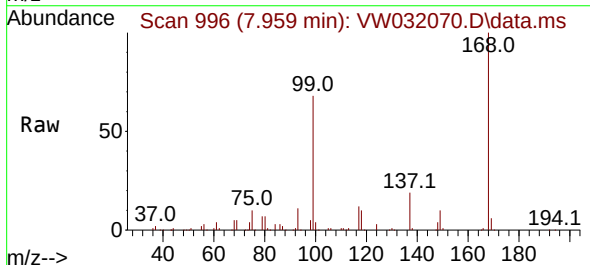
Instrument :
MSVOA_W
ClientSampleId :
B-3-5-2

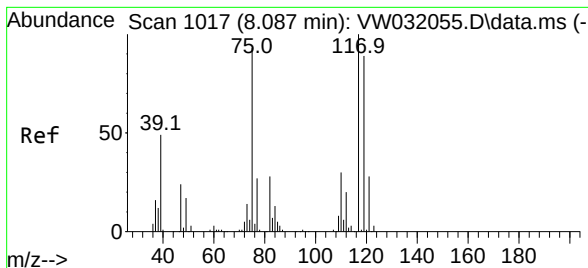
Tgt Ion:113 Resp: 119002
Ion Ratio Lower Upper
113 100
111 100.4 80.1 120.1
192 15.9 13.1 19.7



#36
1,1-Dichloropropene
Concen: 4.897 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.140 min
Lab File: VW032070.D
Acq: 11 Aug 2025 16:34

Tgt Ion: 75 Resp: 15364
Ion Ratio Lower Upper
75 100
110 8.6 17.4 52.2#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.352 ug/l

RT: 7.959 min Scan# 91

Delta R.T. -0.128 min

Lab File: VW032070.D

Acq: 11 Aug 2025 16:34

Instrument :

MSVOA_W

ClientSampleId :

B-3-5-2

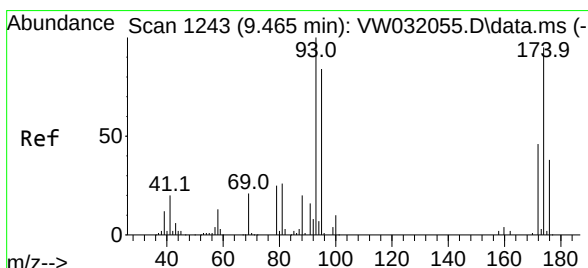
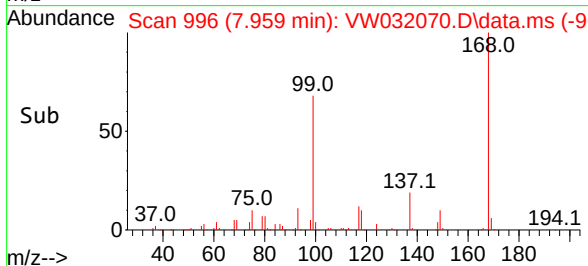
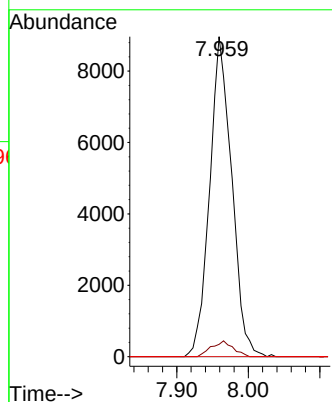
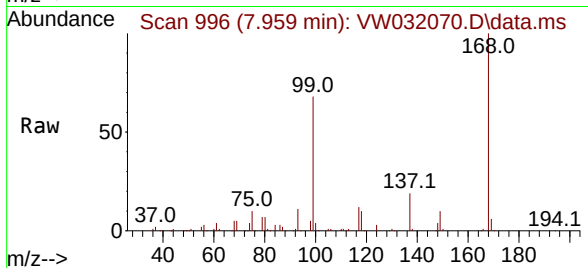
Tgt Ion:117 Resp: 19233

Ion Ratio Lower Upper

117 100

119 3.9 71.4 107.2#

121 0.0 22.3 33.5#



#49

1,4-Dioxane

Concen: 1.017 ug/l

RT: 9.349 min Scan# 1224

Delta R.T. -0.116 min

Lab File: VW032070.D

Acq: 11 Aug 2025 16:34

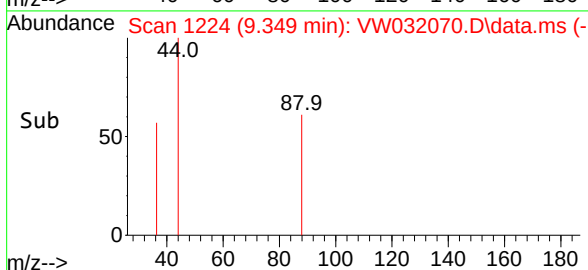
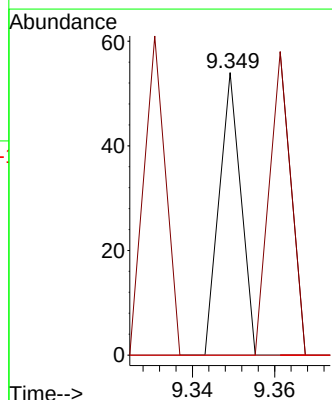
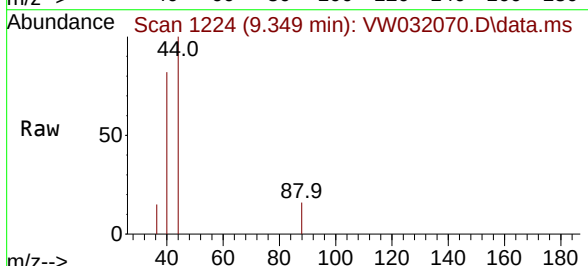
Tgt Ion: 88 Resp: 20

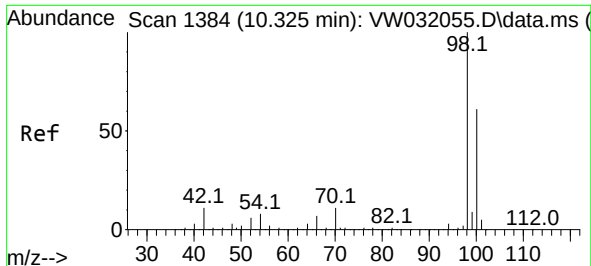
Ion Ratio Lower Upper

88 100

43 105.0 20.6 30.8#

58 0.0 60.4 90.6#

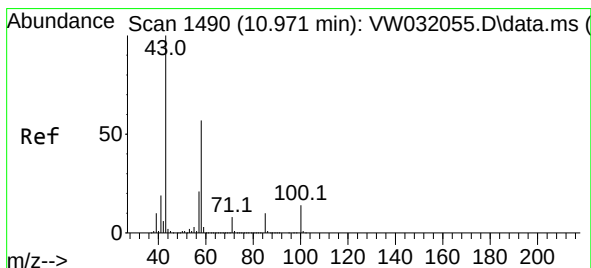
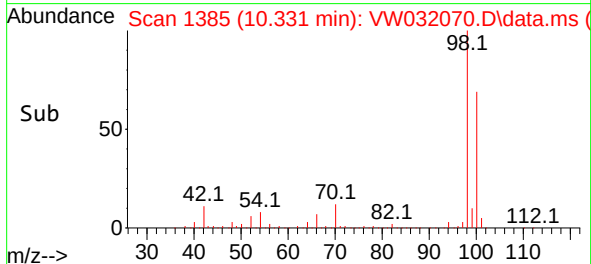
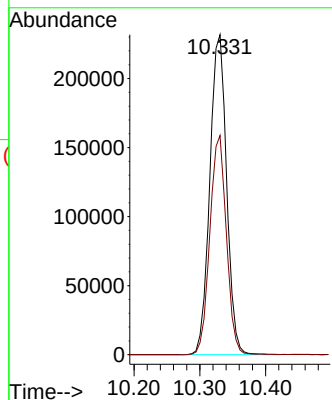
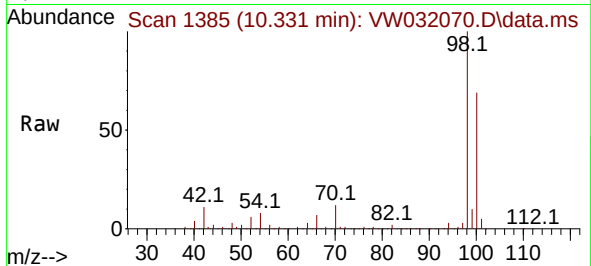




#50
Toluene-d8
Concen: 49.971 ug/l
RT: 10.331 min Scan# 1467
Delta R.T. 0.006 min
Lab File: VW032070.D
Acq: 11 Aug 2025 16:34

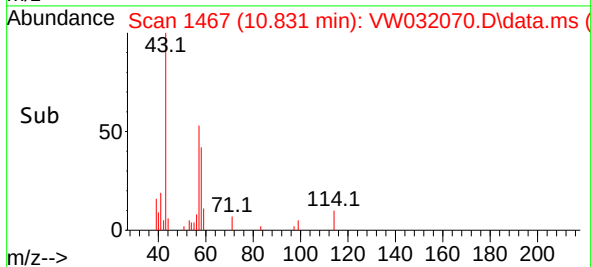
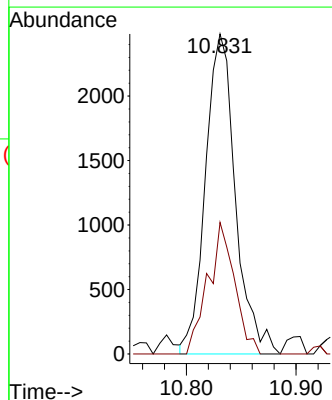
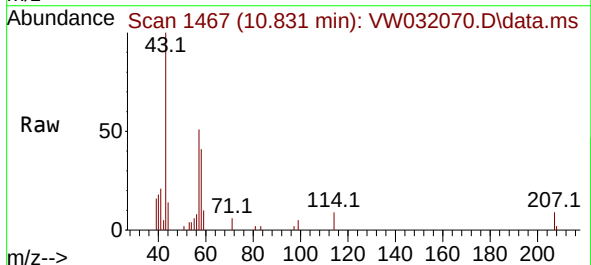
Instrument :
MSVOA_W
ClientSampleId :
B-3-5-2

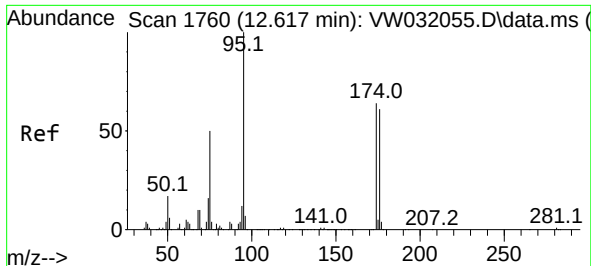
Tgt Ion: 98 Resp: 411374
Ion Ratio Lower Upper
98 100
100 67.5 51.1 76.7



#59
2-Hexanone
Concen: 3.547 ug/l
RT: 10.831 min Scan# 1467
Delta R.T. -0.140 min
Lab File: VW032070.D
Acq: 11 Aug 2025 16:34

Tgt Ion: 43 Resp: 4714
Ion Ratio Lower Upper
43 100
58 36.6 28.3 85.0

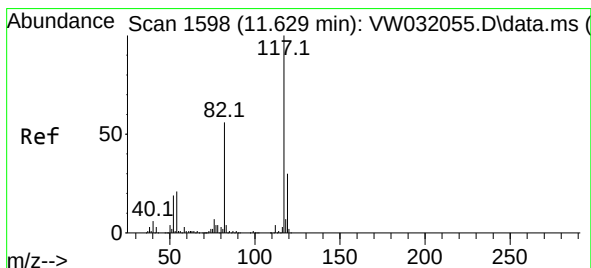
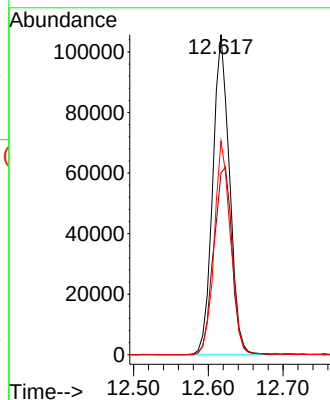
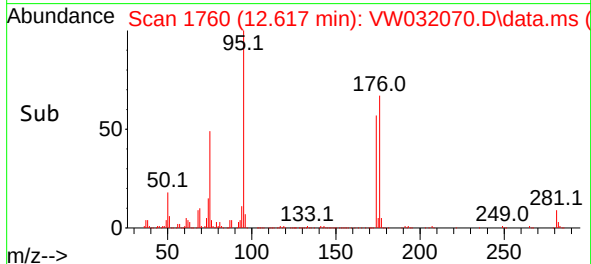
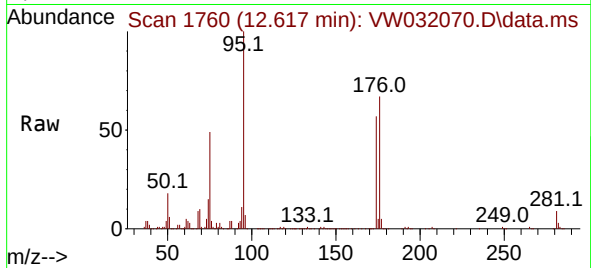




#62
4-Bromofluorobenzene
Concen: 54.427 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032070.D
Acq: 11 Aug 2025 16:34

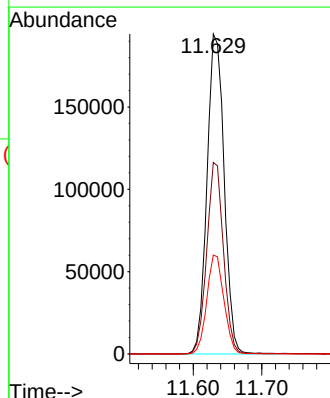
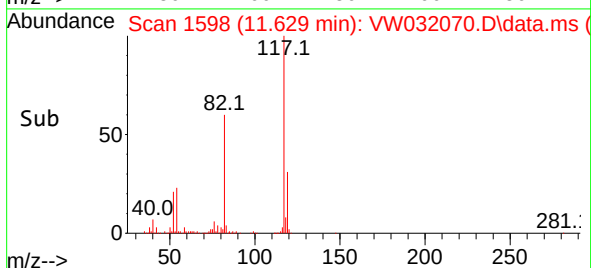
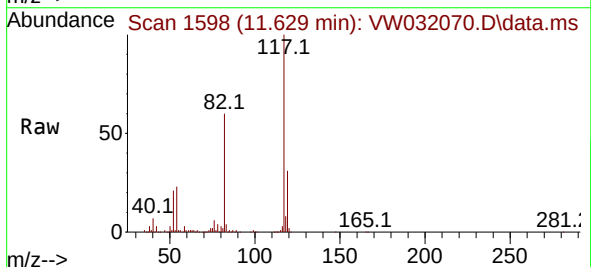
Instrument :
MSVOA_W
ClientSampleId :
B-3-5-2

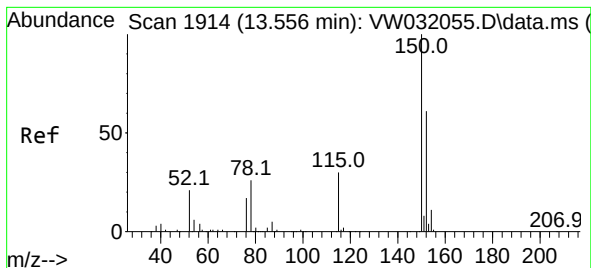
Tgt Ion: 95 Resp: 165115
Ion Ratio Lower Upper
95 100
174 64.1 0.0 129.0
176 65.3 0.0 124.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032070.D
Acq: 11 Aug 2025 16:34

Tgt Ion: 117 Resp: 338197
Ion Ratio Lower Upper
117 100
82 59.8 45.0 67.4
119 30.9 24.2 36.4

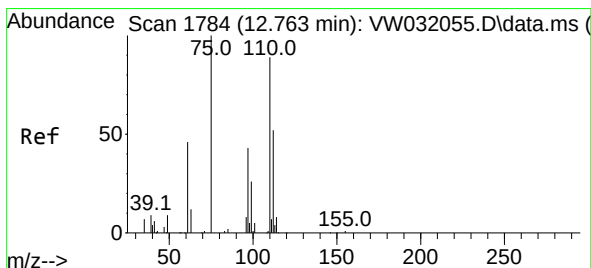
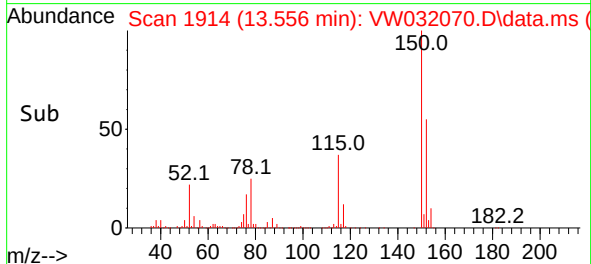
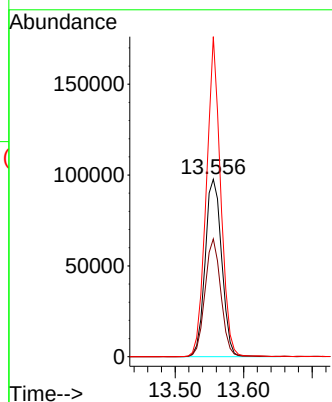
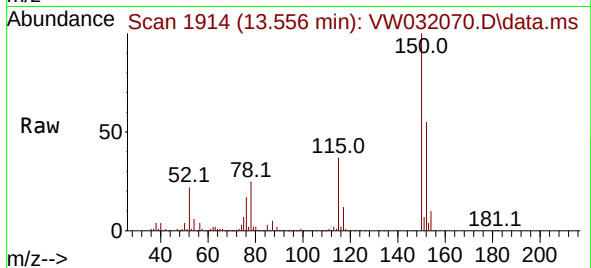




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032070.D
 Acq: 11 Aug 2025 16:34

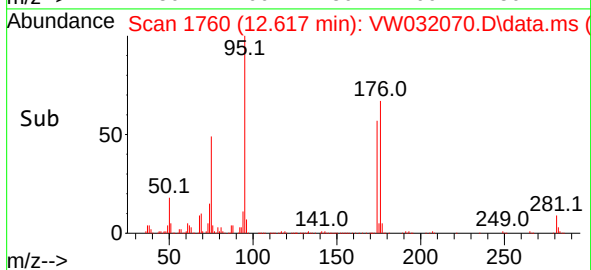
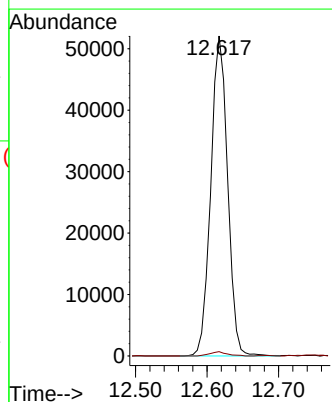
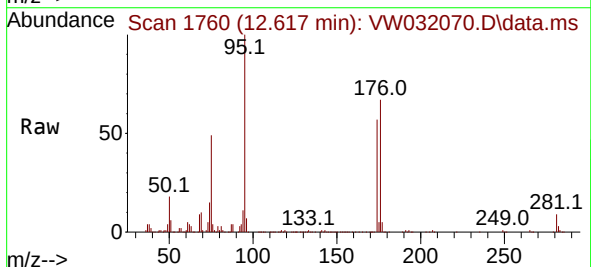
Instrument :
 MSVOA_W
 ClientSampleId :
 B-3-5-2

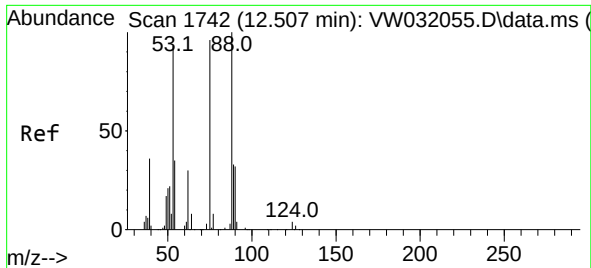
Tgt Ion:152 Resp: 164031
 Ion Ratio Lower Upper
 152 100
 115 63.8 32.6 97.8
 150 156.4 0.0 359.4



#76
 1,2,3-Trichloropropane
 Concen: 38.251 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.146 min
 Lab File: VW032070.D
 Acq: 11 Aug 2025 16:34

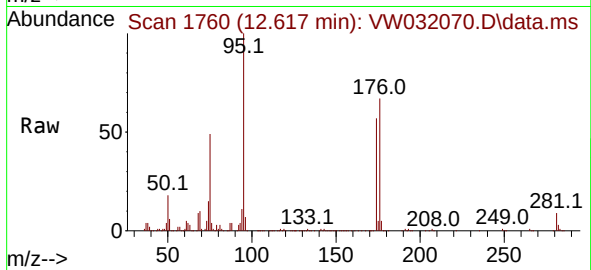
Tgt Ion: 75 Resp: 85158
 Ion Ratio Lower Upper
 75 100
 77 1.3 123.5 370.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 99.029 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.110 min
Lab File: VW032070.D
Acq: 11 Aug 2025 16:34

Instrument :
MSVOA_W
ClientSampleId :
B-3-5-2



Tgt Ion:	75	Resp:	85158
Ion	Ratio	Lower	Upper
75	100		
53	0.2	81.0	121.6#
89	0.4	37.3	55.9#

