

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080625\
 Data File : VW032024.D
 Acq On : 06 Aug 2025 10:12
 Operator : SY/MD
 Sample : VW0806SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0806SBL01

Quant Time: Aug 07 02:16:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

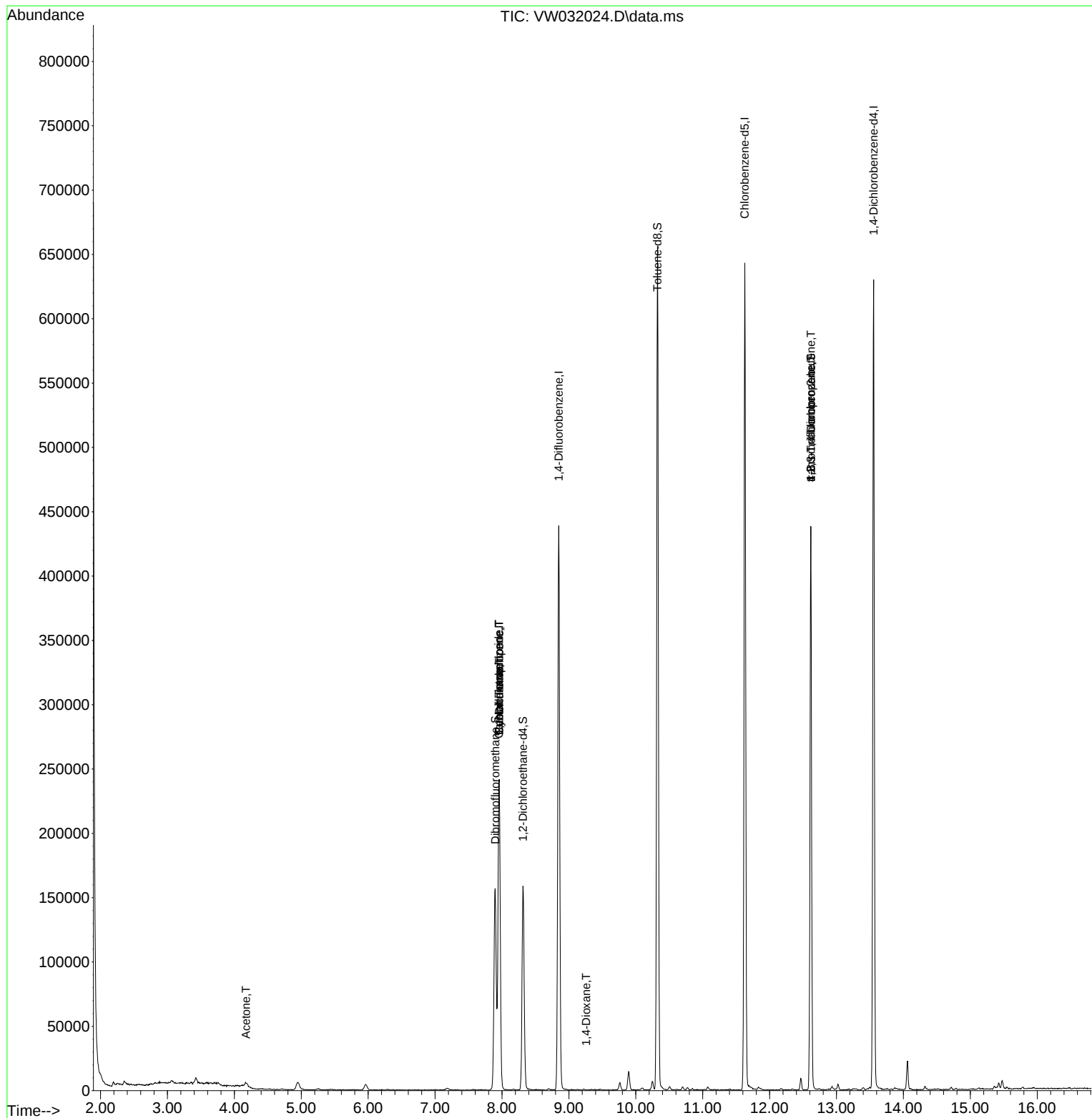
Internal Standards						
1) Pentafluorobenzene	7.959	168	170251	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	371746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	349426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	157301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	132085	51.286	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 102.580%		
35) Dibromofluoromethane	7.898	113	118905	47.071	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 94.140%		
50) Toluene-d8	10.325	98	441145	46.143	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 92.280%		
62) 4-Bromofluorobenzene	12.617	95	153795	41.895	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 83.780%		
Target Compounds						
						Qvalue
13) Acrolein	3.936	56	57	Below Cal	#	14
16) Acetone	4.173	43	5407	8.847	ug/l	94
20) Methylene Chloride	4.941	84	5100	Below Cal	#	86
31) Cyclohexane	7.959	56	4383	1.110	ug/l	# 1
36) 1,1-Dichloropropene	7.959	75	16529	4.261	ug/l	# 49
38) Carbon Tetrachloride	7.953	117	20174	5.419	ug/l	# 18
49) 1,4-Dioxane	9.258	88	19	1.111	ug/l	# 23
76) 1,2,3-Trichloropropane	12.617	75	77696	35.775	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.617	75	77696	82.595	ug/l	# 8

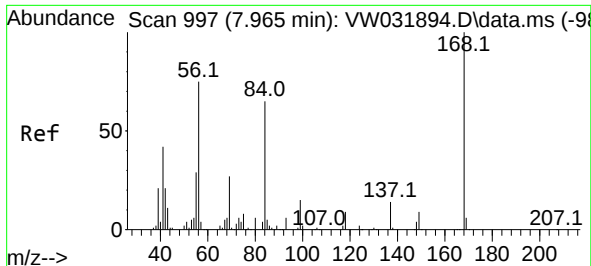
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080625\
Data File : VW032024.D
Acq On : 06 Aug 2025 10:12
Operator : SY/MD
Sample : VW0806SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0806SBL01

Quant Time: Aug 07 02:16:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

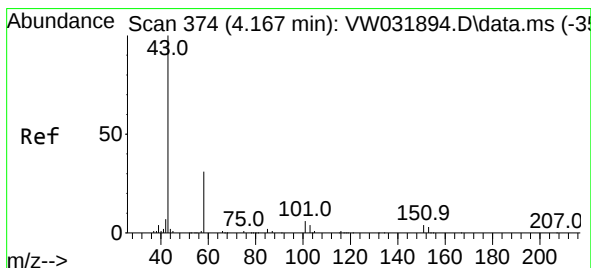
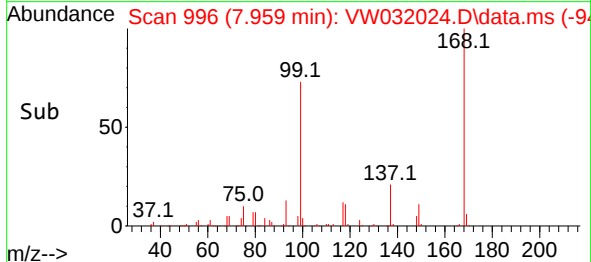
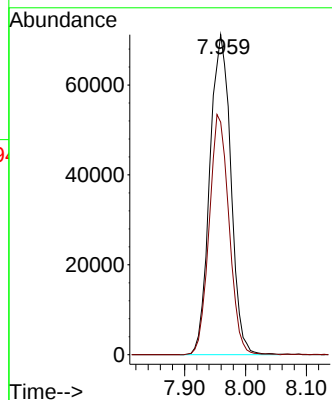
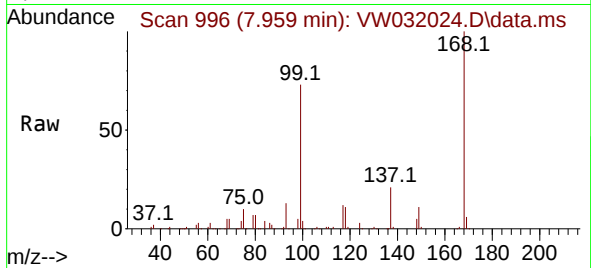




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032024.D
Acq: 06 Aug 2025 10:12

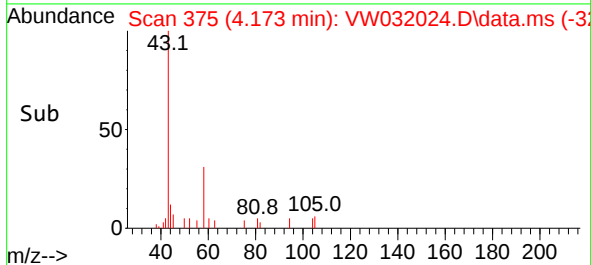
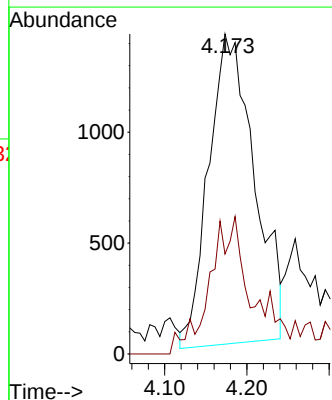
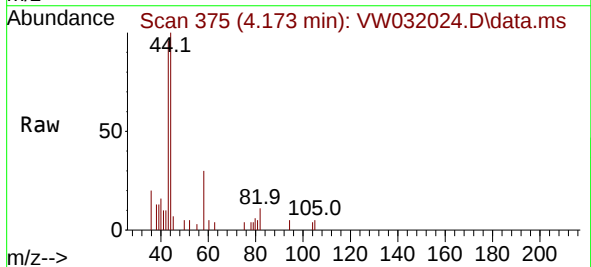
Instrument :
MSVOA_W
ClientSampleId :
VW0806SBL01

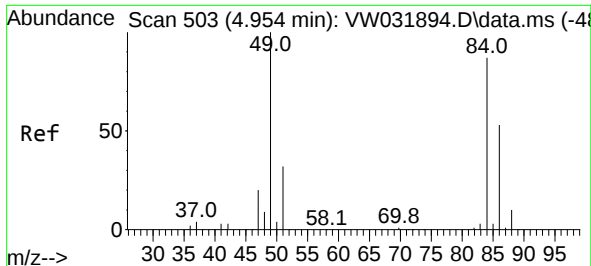
Tgt Ion:168 Resp: 170251
Ion Ratio Lower Upper
168 100
99 72.7 48.2 72.2#



#16
Acetone
Concen: 8.847 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.006 min
Lab File: VW032024.D
Acq: 06 Aug 2025 10:12

Tgt Ion: 43 Resp: 5407
Ion Ratio Lower Upper
43 100
58 28.7 25.5 38.3

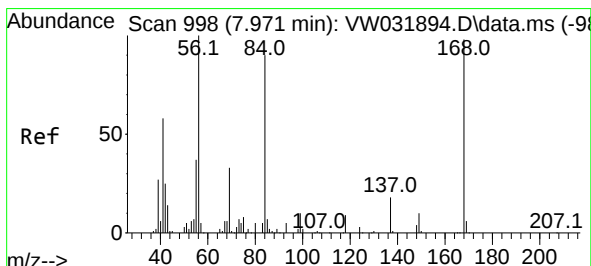
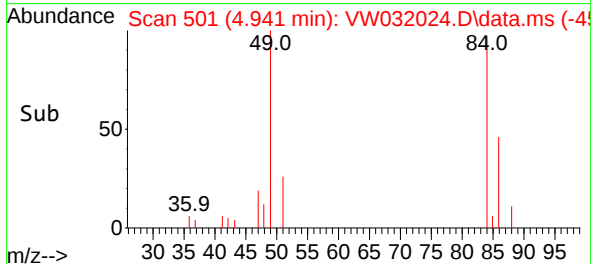
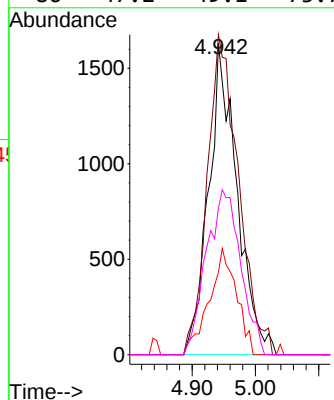
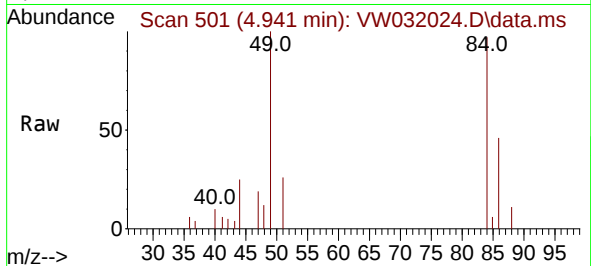




#20
Methylene Chloride
Concen: Below Cal
RT: 4.941 min Scan# 503
Delta R.T. -0.013 min
Lab File: VW032024.D
Acq: 06 Aug 2025 10:12

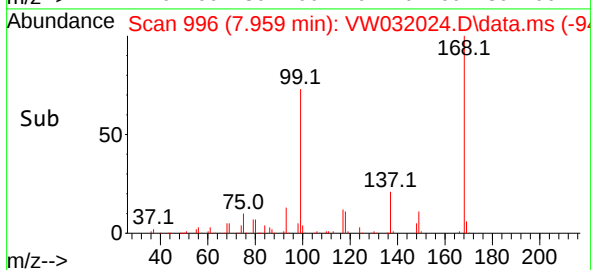
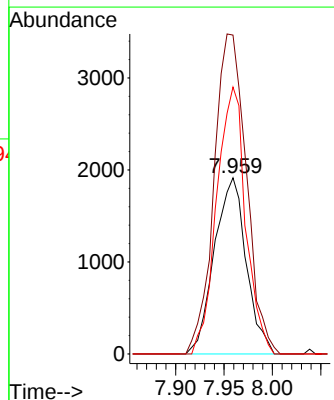
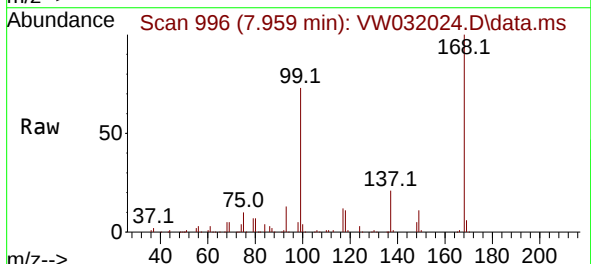
Instrument :
MSVOA_W
ClientSampleId :
VW0806SBL01

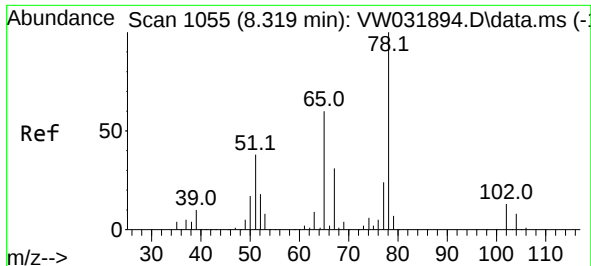
Tgt Ion:	84	Resp:	5100
Ion	Ratio	Lower	Upper
84	100		
49	102.8	91.9	137.9
51	26.6	29.0	43.6#
86	47.2	49.1	73.7#



#31
Cyclohexane
Concen: 1.110 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032024.D
Acq: 06 Aug 2025 10:12

Tgt Ion:	56	Resp:	4383
Ion	Ratio	Lower	Upper
56	100		
69	180.9	26.7	40.1#
84	151.4	71.8	107.6#

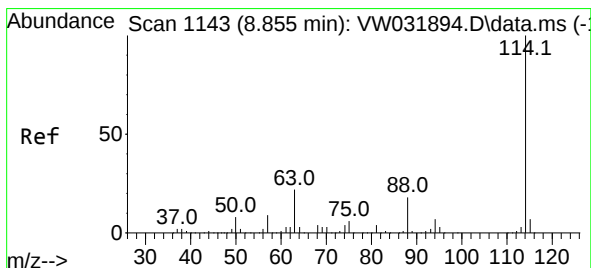
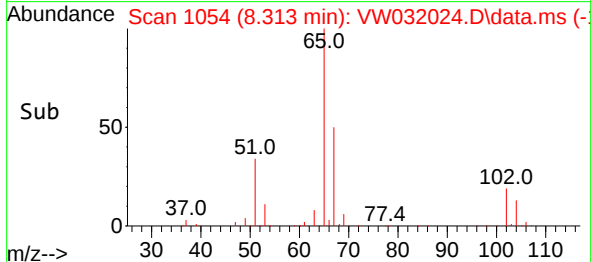
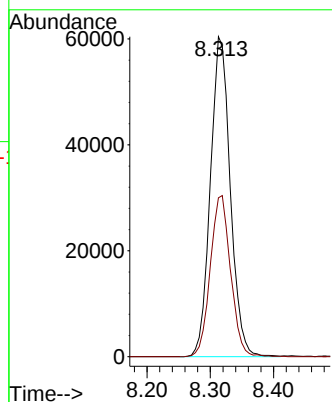
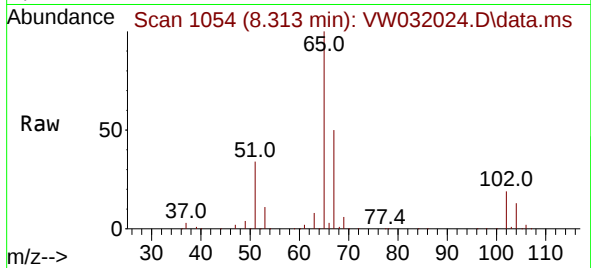




#33
1,2-Dichloroethane-d4
Concen: 51.286 ug/l
RT: 8.313 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW032024.D
Acq: 06 Aug 2025 10:12

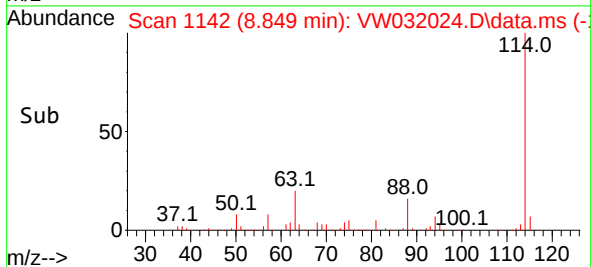
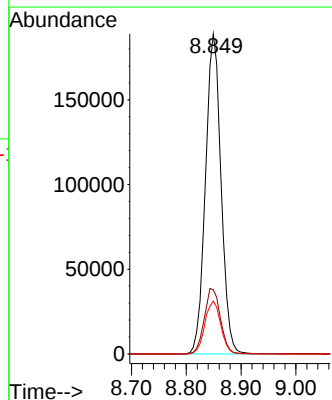
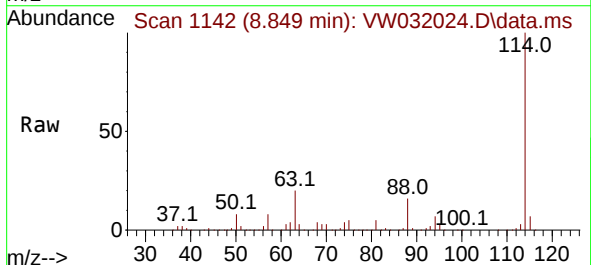
Instrument :
MSVOA_W
ClientSampleId :
VW0806SBL01

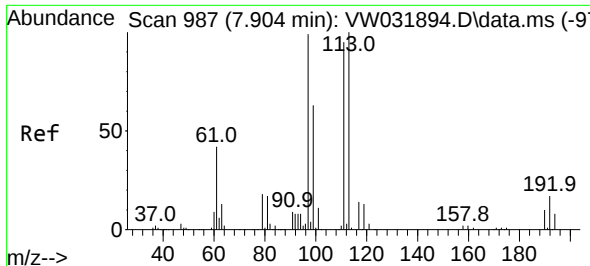
Tgt Ion: 65 Resp: 132085
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032024.D
Acq: 06 Aug 2025 10:12

Tgt Ion: 114 Resp: 371746
Ion Ratio Lower Upper
114 100
63 20.1 0.0 44.2
88 16.5 0.0 35.6



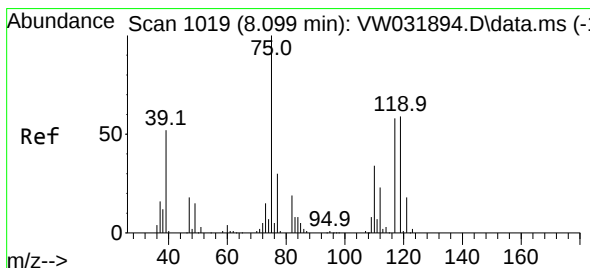
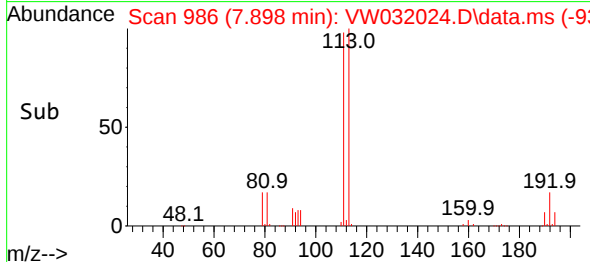
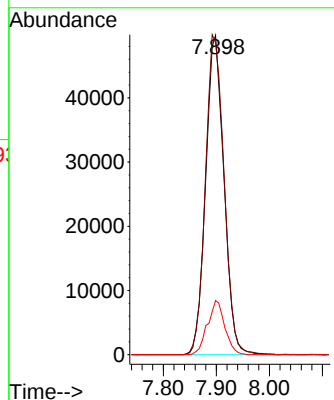
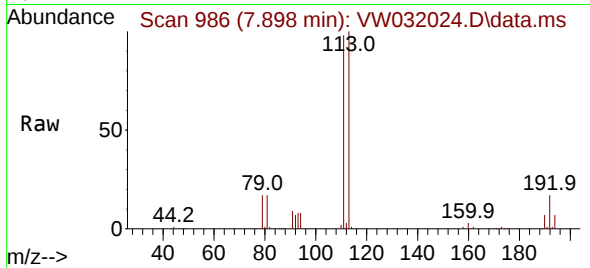


#35
 Dibromofluoromethane
 Concen: 47.071 ug/l
 RT: 7.898 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VW032024.D
 Acq: 06 Aug 2025 10:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0806SBL01

Tgt Ion:113 Resp: 118905

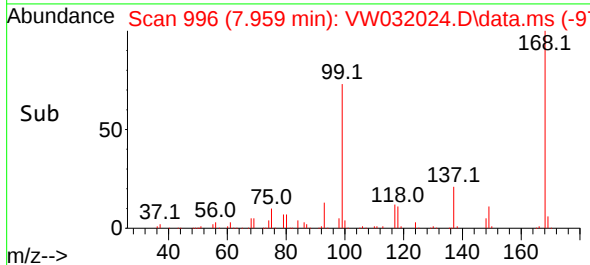
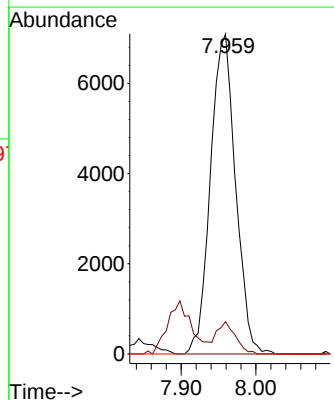
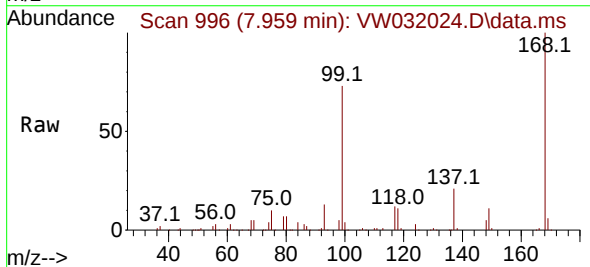
Ion	Ratio	Lower	Upper
113	100		
111	102.2	79.9	119.9
192	16.1	12.6	19.0

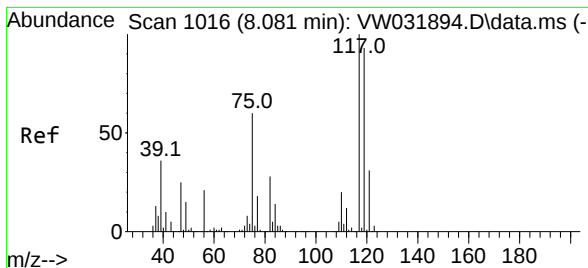


#36
 1,1-Dichloropropene
 Concen: 4.261 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.140 min
 Lab File: VW032024.D
 Acq: 06 Aug 2025 10:12

Tgt Ion: 75 Resp: 16529

Ion	Ratio	Lower	Upper
75	100		
110	7.3	17.0	50.9#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 5.419 ug/l

RT: 7.953 min Scan# 91

Delta R.T. -0.128 min

Lab File: VW032024.D

Acq: 06 Aug 2025 10:12

Instrument :

MSVOA_W

ClientSampleId :

VW0806SBL01

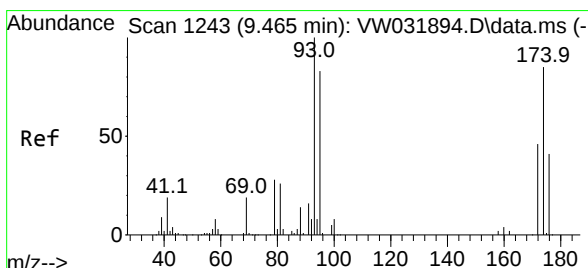
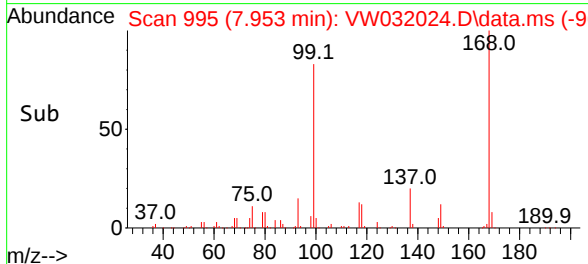
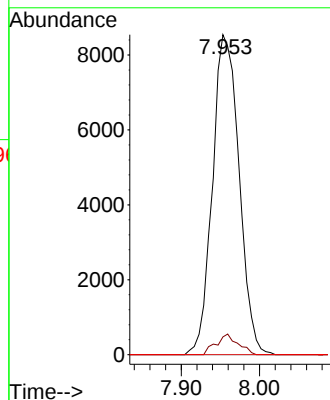
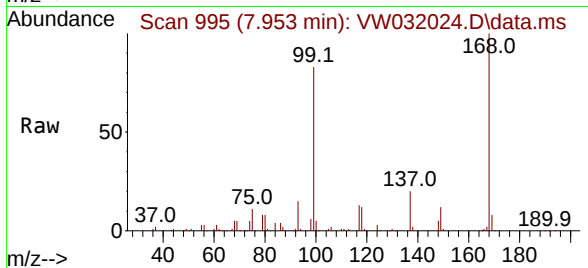
Tgt Ion:117 Resp: 20174

Ion Ratio Lower Upper

117 100

119 5.6 74.3 111.5#

121 0.0 24.6 37.0#



#49

1,4-Dioxane

Concen: 1.111 ug/l

RT: 9.258 min Scan# 1209

Delta R.T. -0.207 min

Lab File: VW032024.D

Acq: 06 Aug 2025 10:12

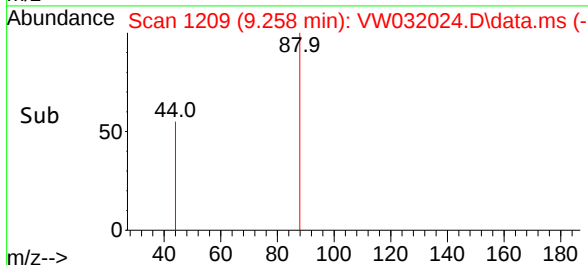
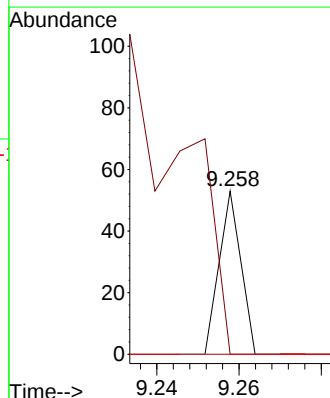
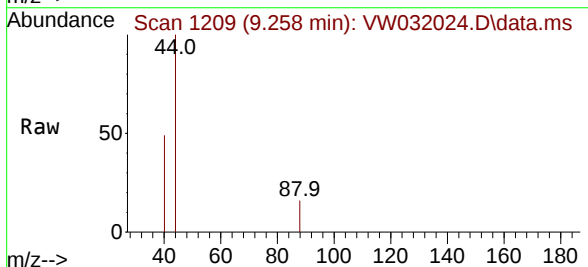
Tgt Ion: 88 Resp: 19

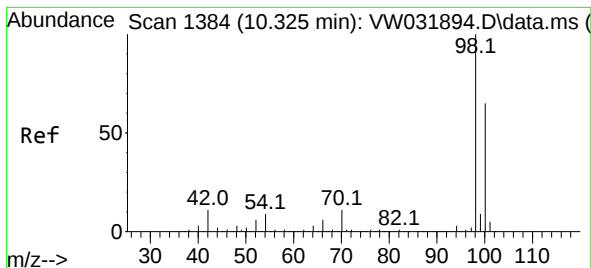
Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 0.0 58.2 87.2#

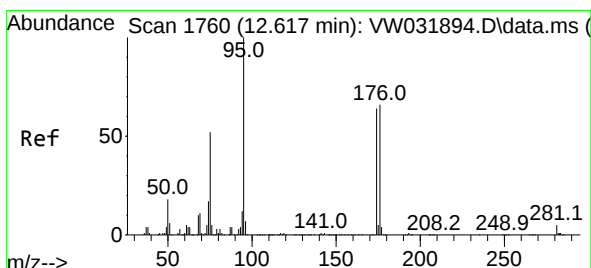
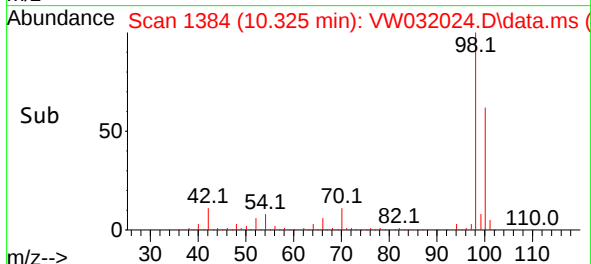
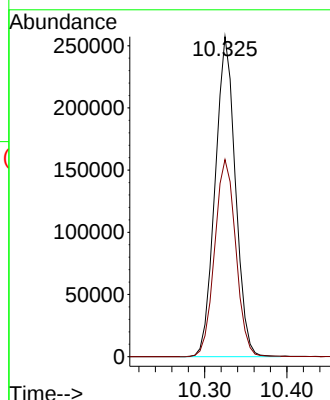
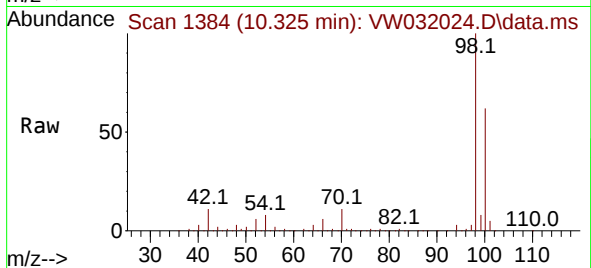




#50
Toluene-d8
Concen: 46.143 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032024.D
Acq: 06 Aug 2025 10:12

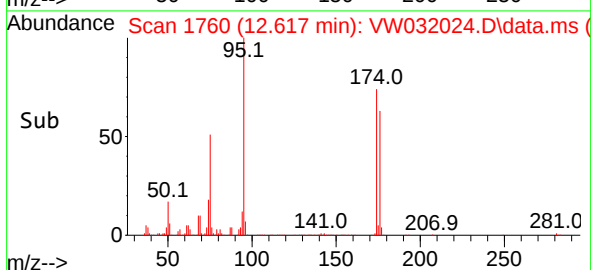
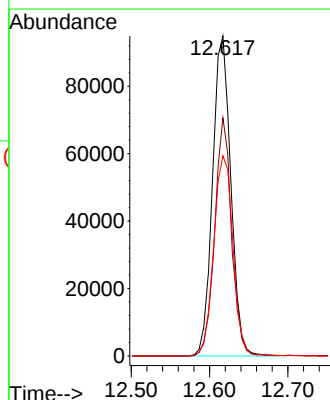
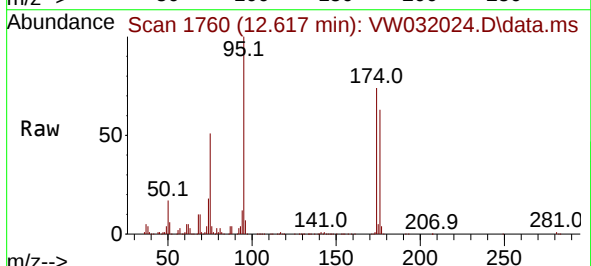
Instrument :
MSVOA_W
ClientSampleId :
VW0806SBL01

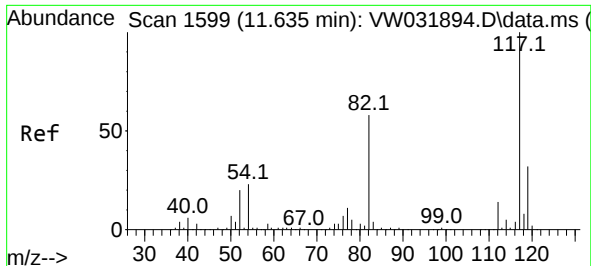
Tgt Ion: 98 Resp: 441145
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 41.895 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032024.D
Acq: 06 Aug 2025 10:12

Tgt Ion: 95 Resp: 153795
Ion Ratio Lower Upper
95 100
174 68.8 0.0 129.8
176 65.6 0.0 130.4

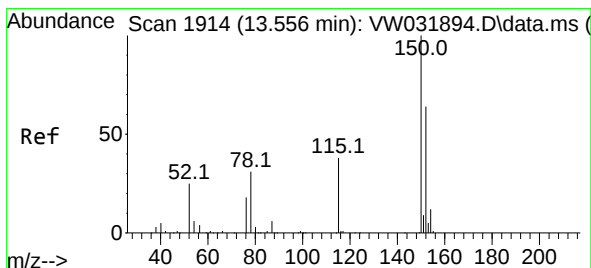
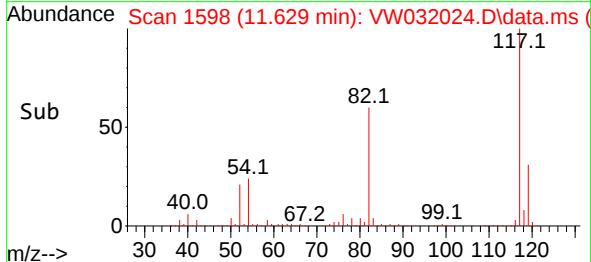
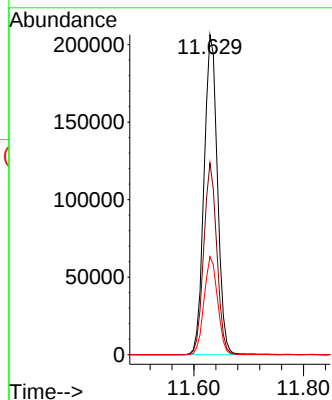
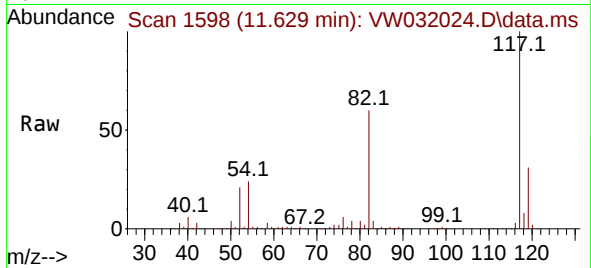




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032024.D
Acq: 06 Aug 2025 10:12

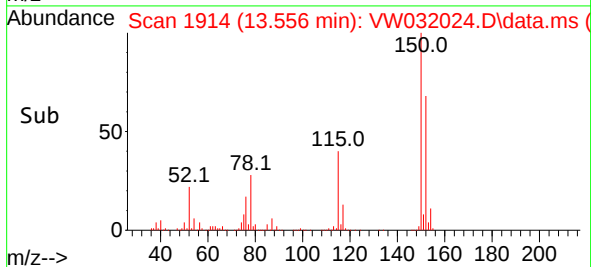
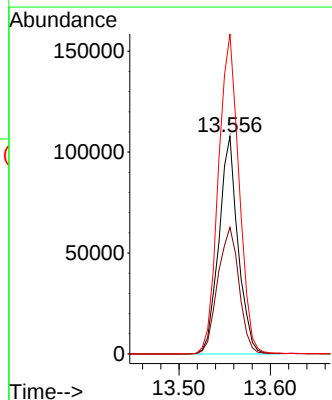
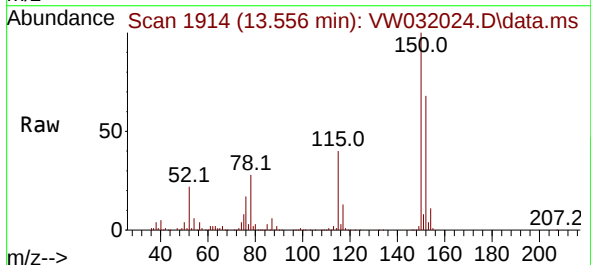
Instrument :
MSVOA_W
ClientSampleId :
VW0806SBL01

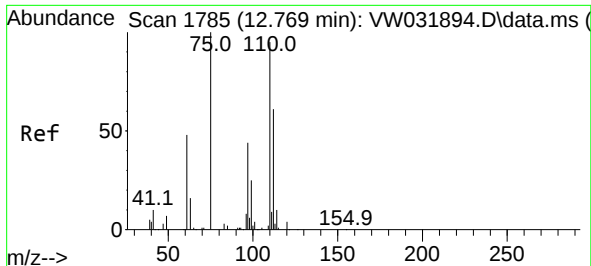
Tgt Ion:117 Resp: 349426
Ion Ratio Lower Upper
117 100
82 59.9 46.5 69.7
119 30.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032024.D
Acq: 06 Aug 2025 10:12

Tgt Ion:152 Resp: 157301
Ion Ratio Lower Upper
152 100
115 65.0 33.4 100.1
150 158.0 0.0 352.2

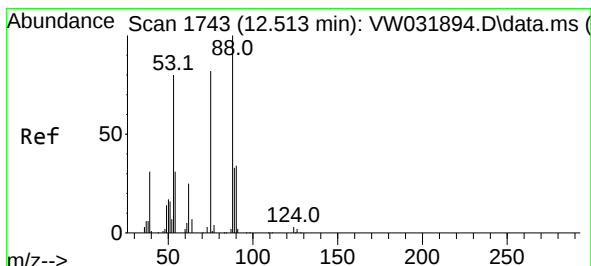
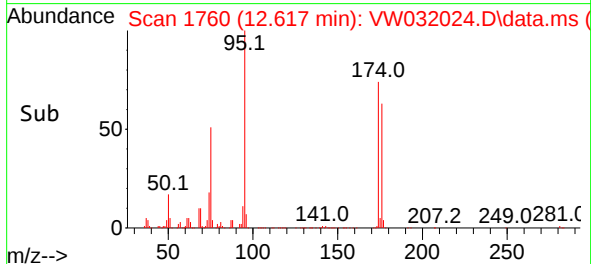
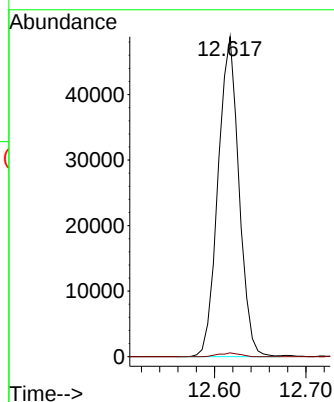
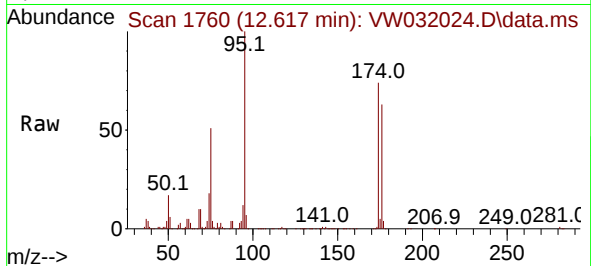




#76
1,2,3-Trichloropropane
Concen: 35.775 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.152 min
Lab File: VW032024.D
Acq: 06 Aug 2025 10:12

Instrument :
MSVOA_W
ClientSampleId :
VW0806SBL01

Tgt Ion: 75 Resp: 77696
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.595 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.104 min
Lab File: VW032024.D
Acq: 06 Aug 2025 10:12

Tgt Ion: 75 Resp: 77696
Ion Ratio Lower Upper
75 100
53 0.1 83.7 125.5#
89 0.1 39.0 58.6#

