

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032622.D
 Acq On : 11 Dec 2025 11:22
 Operator : SY/MD
 Sample : Q3814-01
 Misc : 3.96g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5

Quant Time: Dec 12 00:41:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	579915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	1106074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	923286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	404576	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	319468	36.060	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	72.120%
35) Dibromofluoromethane	7.898	113	257941	33.859	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	67.720%#
50) Toluene-d8	10.325	98	956467	33.695	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	67.400%#
62) 4-Bromofluorobenzene	12.617	95	326223	31.302	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	62.600%

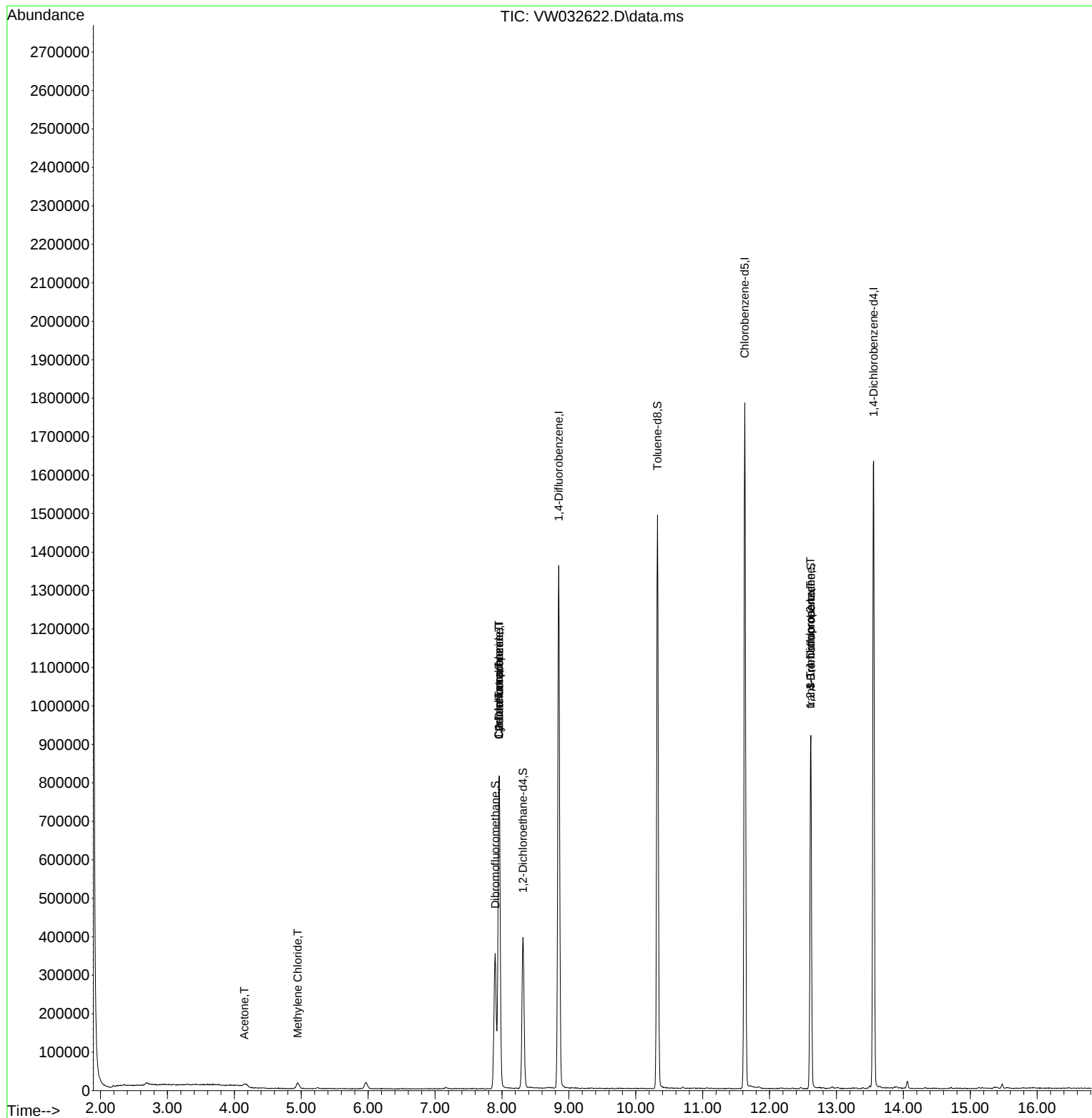
Target Compounds					Qvalue	
16) Acetone	4.149	43	7692	2.532	ug/l	96
20) Methylene Chloride	4.948	84	12058	1.300	ug/l	96
31) Cyclohexane	7.953	56	15516	1.111	ug/l #	1
36) 1,1-Dichloropropene	7.953	75	53748	4.720	ug/l #	51
38) Carbon Tetrachloride	7.953	117	63255	6.005	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.922	63	143	Below Cal	#	9
76) 1,2,3-Trichloropropane	12.611	75	167198	30.797	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.611	75	167198	71.355	ug/l #	7
95) Naphthalene	15.354	128	2749	Below Cal		96

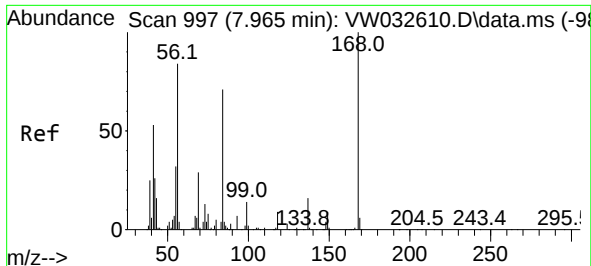
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
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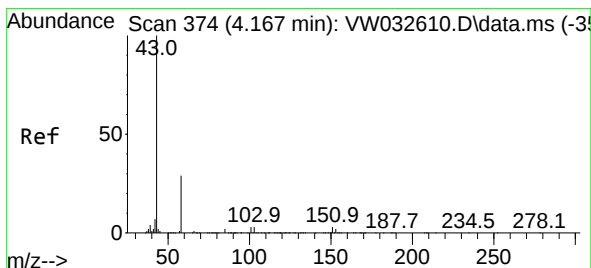
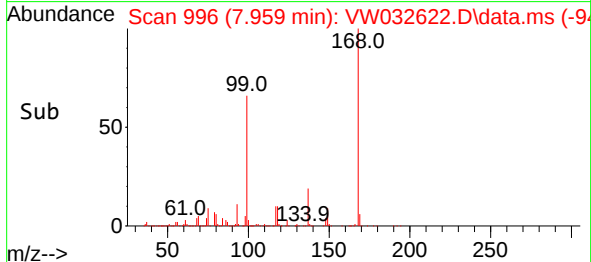
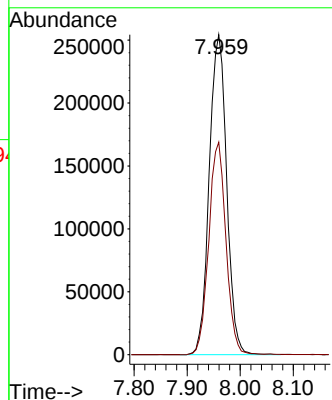
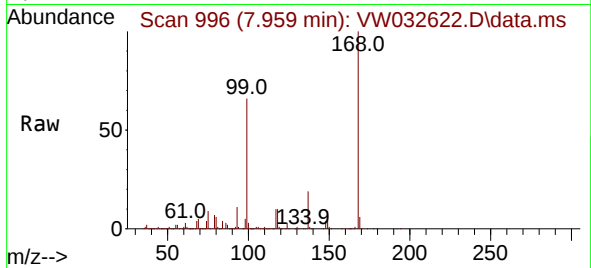




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032622.D
Acq: 11 Dec 2025 11:22

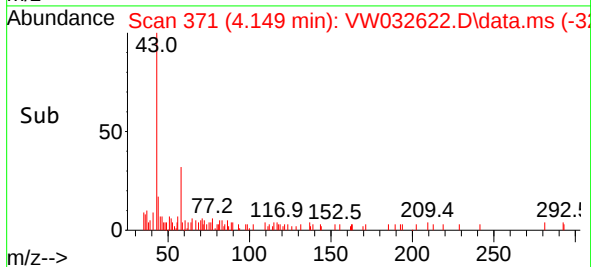
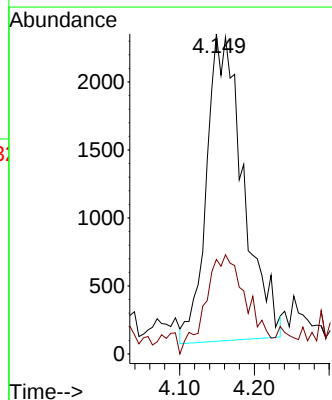
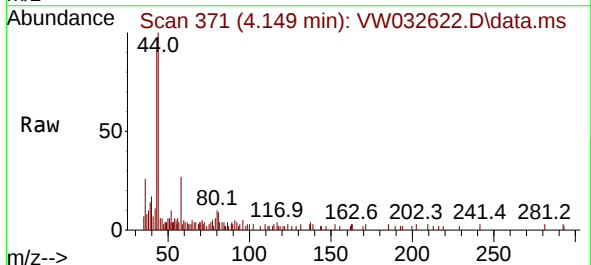
Instrument :
MSVOA_W
ClientSampleId :
TP-5

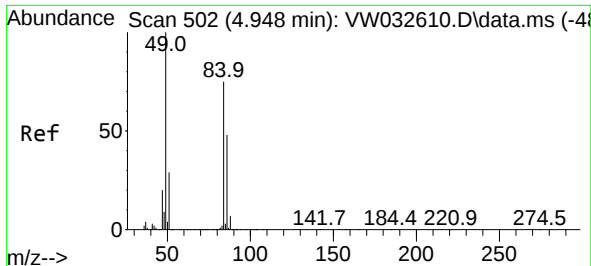
Tgt Ion:168 Resp: 579915
Ion Ratio Lower Upper
168 100
99 66.4 47.8 71.8



#16
Acetone
Concen: 2.532 ug/l
RT: 4.149 min Scan# 371
Delta R.T. -0.018 min
Lab File: VW032622.D
Acq: 11 Dec 2025 11:22

Tgt Ion: 43 Resp: 7692
Ion Ratio Lower Upper
43 100
58 32.0 23.9 35.9

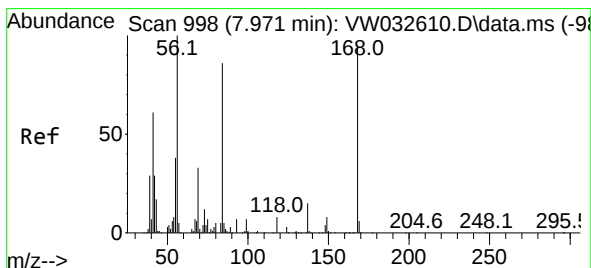
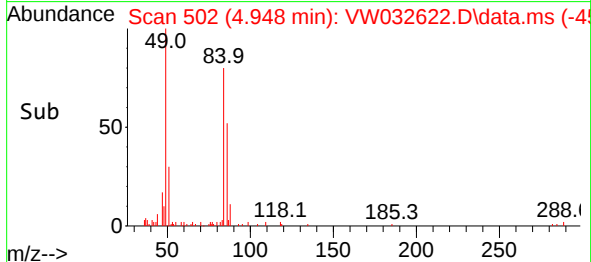
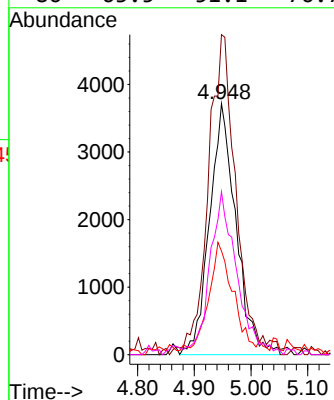
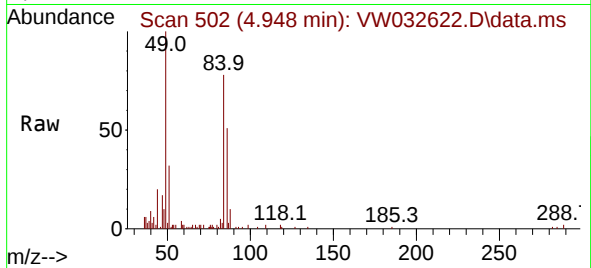




#20
Methylene Chloride
Concen: 1.300 ug/l
RT: 4.948 min Scan# 502
Delta R.T. 0.000 min
Lab File: VW032622.D
Acq: 11 Dec 2025 11:22

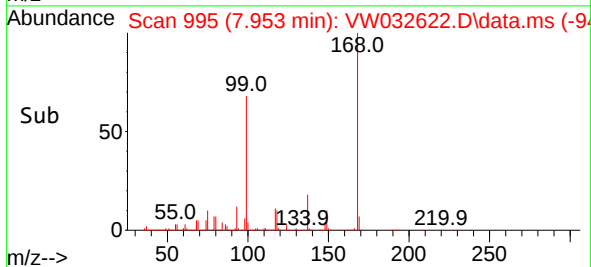
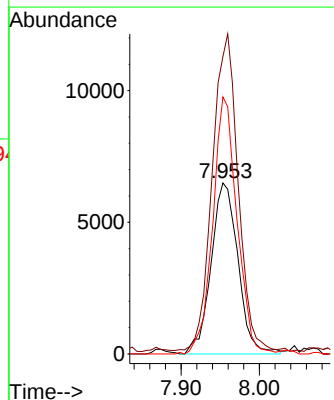
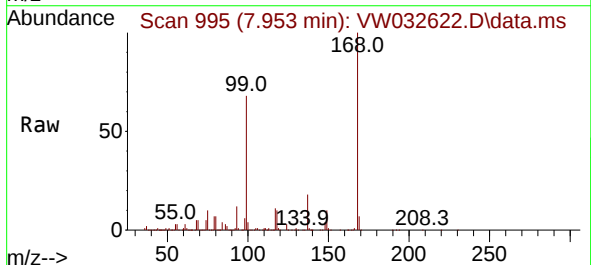
Instrument :
MSVOA_W
ClientSampleId :
TP-5

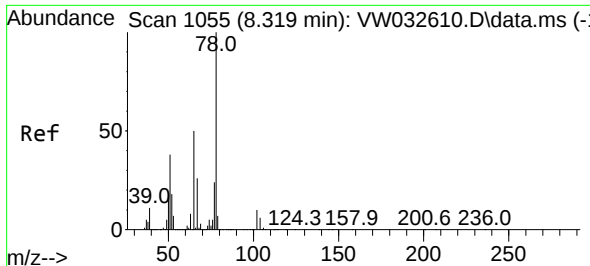
Tgt Ion:	84	Resp:	12058
Ion	Ratio	Lower	Upper
84	100		
49	125.3	106.9	160.3
51	39.6	31.4	47.2
86	63.5	51.1	76.7



#31
Cyclohexane
Concen: 1.111 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.018 min
Lab File: VW032622.D
Acq: 11 Dec 2025 11:22

Tgt Ion:	56	Resp:	15516
Ion	Ratio	Lower	Upper
56	100		
69	171.3	26.2	39.2#
84	149.4	68.9	103.3#

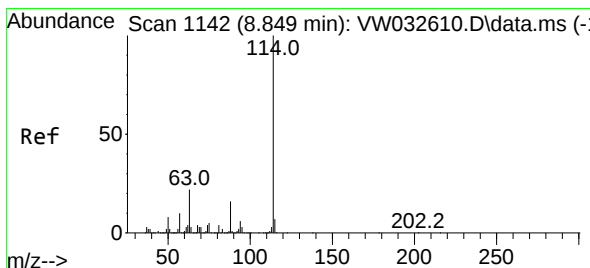
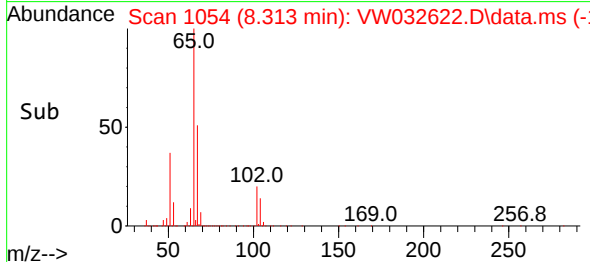
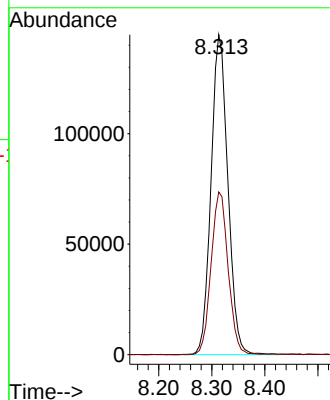
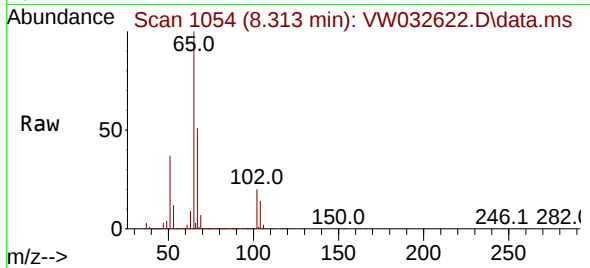




#33
 1,2-Dichloroethane-d4
 Concen: 36.060 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW032622.D
 Acq: 11 Dec 2025 11:22

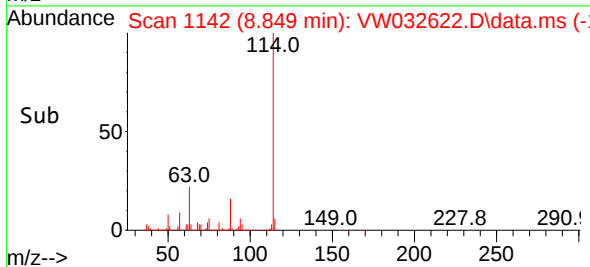
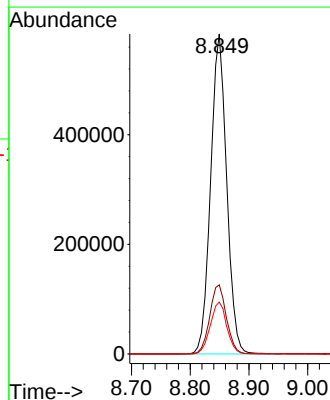
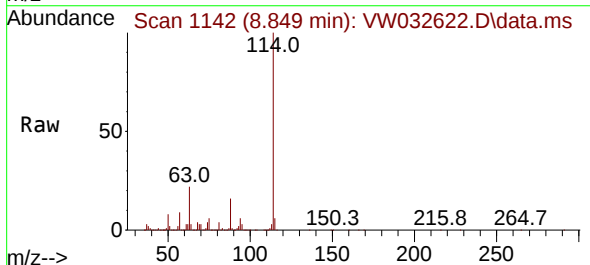
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5

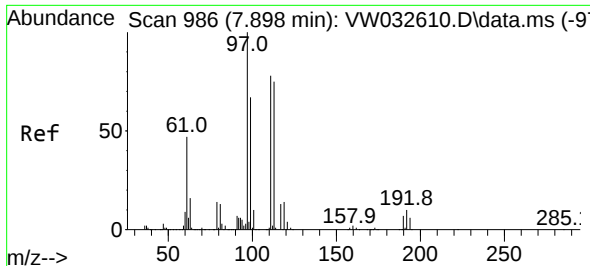
Tgt Ion: 65 Resp: 319468
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032622.D
 Acq: 11 Dec 2025 11:22

Tgt Ion: 114 Resp: 1106074
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 44.6
 88 16.2 0.0 31.8

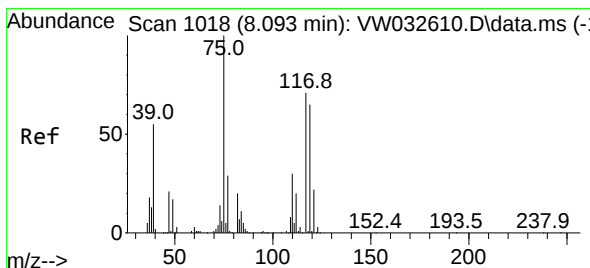
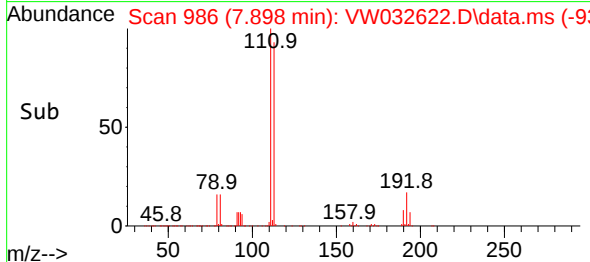
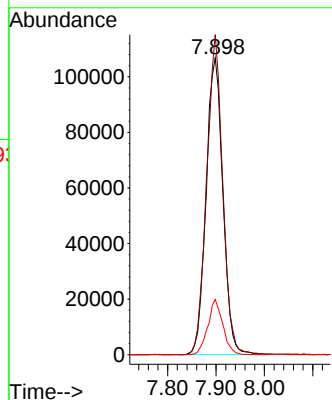
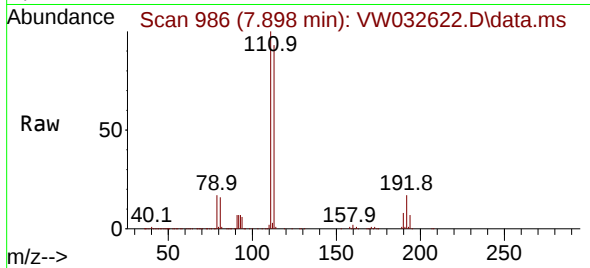




#35
Dibromofluoromethane
Concen: 33.859 ug/l
RT: 7.898 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032622.D
Acq: 11 Dec 2025 11:22

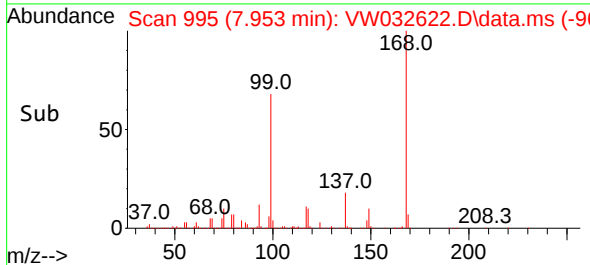
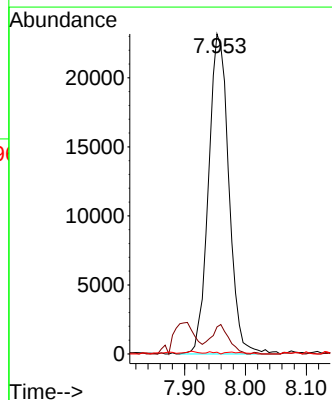
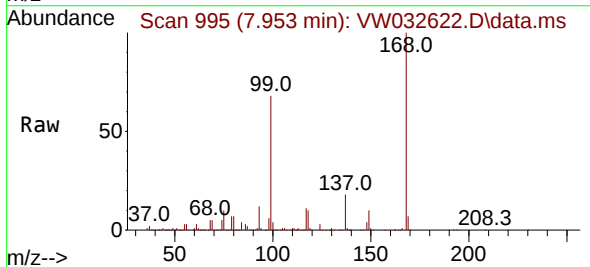
Instrument :
MSVOA_W
ClientSampleId :
TP-5

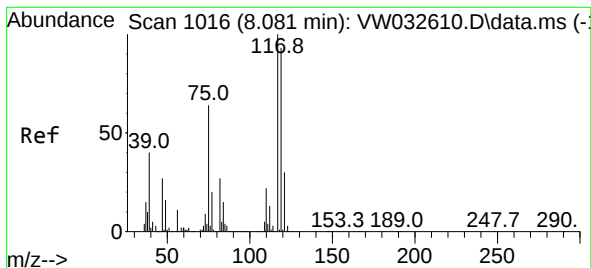
Tgt Ion:113 Resp: 257941
Ion Ratio Lower Upper
113 100
111 103.6 85.2 127.8
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.720 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.140 min
Lab File: VW032622.D
Acq: 11 Dec 2025 11:22

Tgt Ion: 75 Resp: 53748
Ion Ratio Lower Upper
75 100
110 8.1 16.3 48.9#
77 0.3 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.005 ug/l

RT: 7.953 min Scan# 995

Delta R.T. -0.128 min

Lab File: VW032622.D

Acq: 11 Dec 2025 11:22

Instrument :

MSVOA_W

ClientSampleId :

TP-5

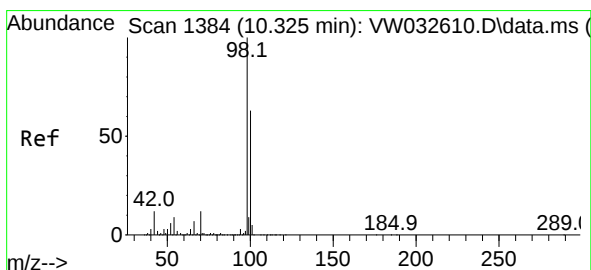
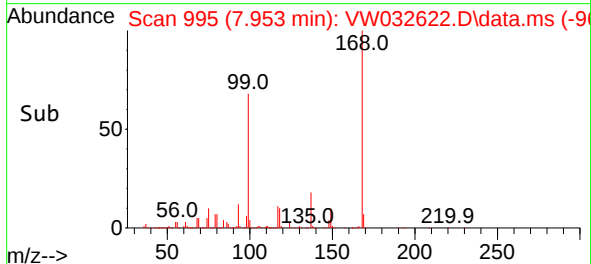
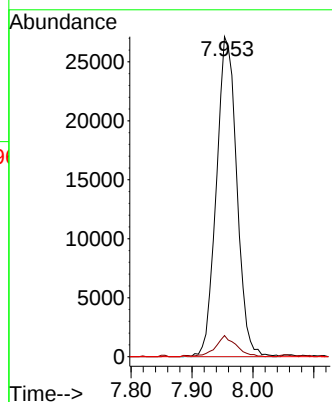
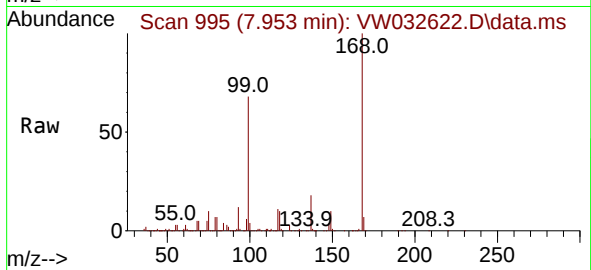
Tgt Ion:117 Resp: 63255

Ion Ratio Lower Upper

117 100

119 6.6 74.3 111.5#

121 0.0 23.6 35.4#



#50

Toluene-d8

Concen: 33.695 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032622.D

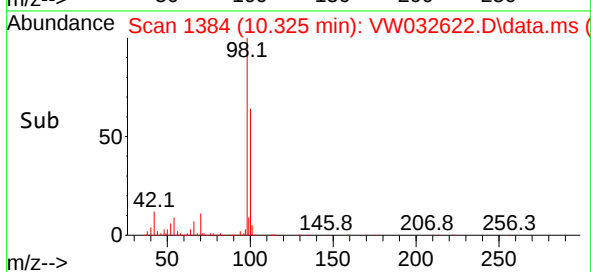
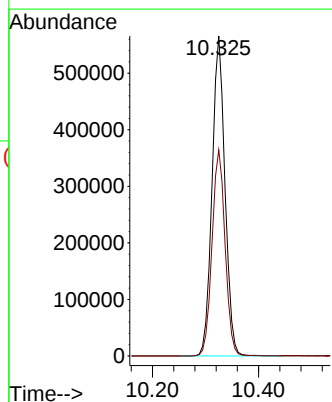
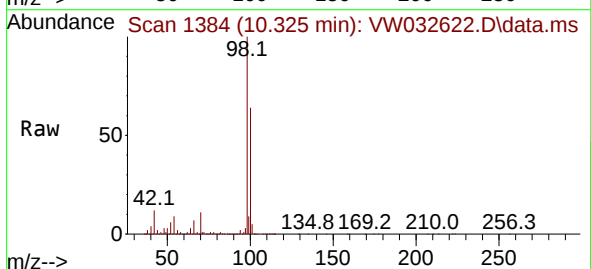
Acq: 11 Dec 2025 11:22

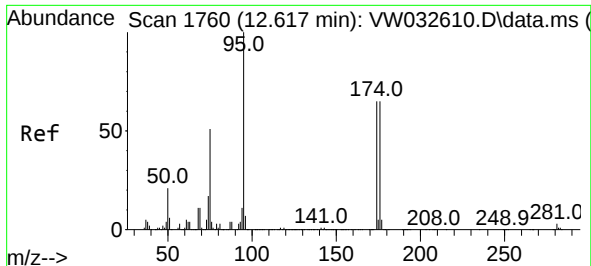
Tgt Ion: 98 Resp: 956467

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2

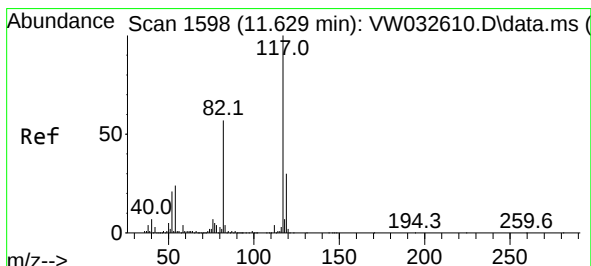
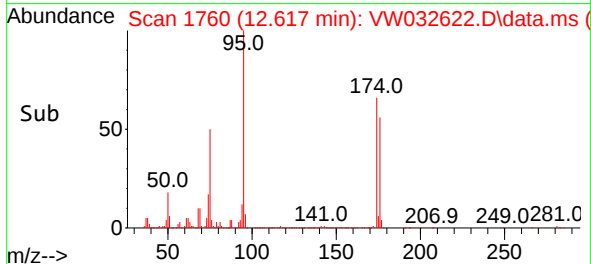
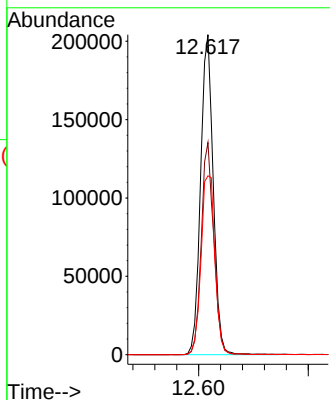
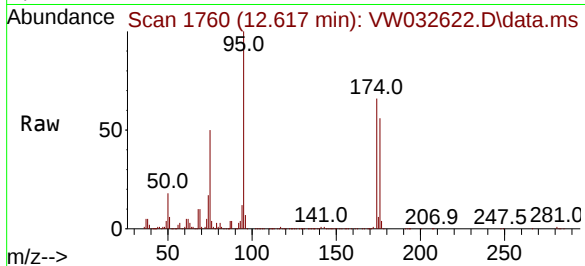




#62
4-Bromofluorobenzene
Concen: 31.302 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032622.D
Acq: 11 Dec 2025 11:22

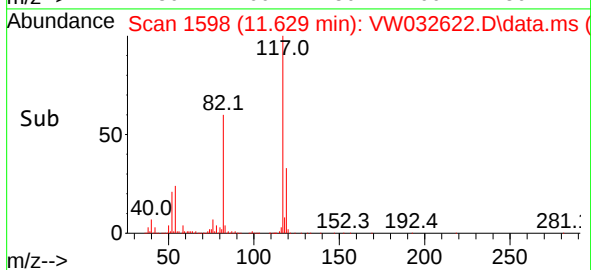
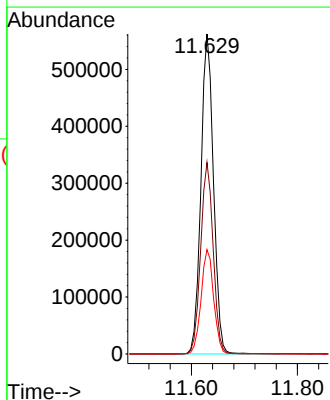
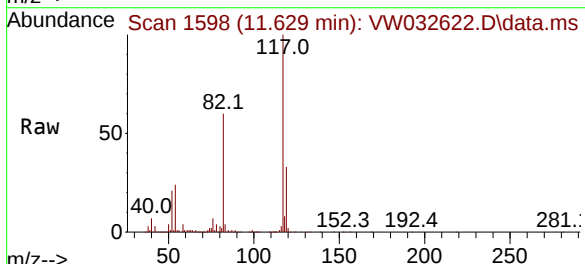
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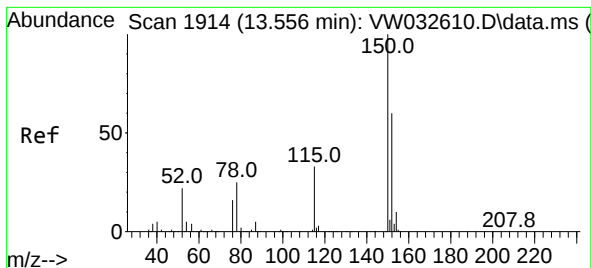
Tgt Ion: 95 Resp: 326223
Ion Ratio Lower Upper
95 100
174 65.3 0.0 135.0
176 61.5 0.0 123.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW032622.D
Acq: 11 Dec 2025 11:22

Tgt Ion: 117 Resp: 923286
Ion Ratio Lower Upper
117 100
82 59.8 45.5 68.3
119 32.6 23.8 35.8

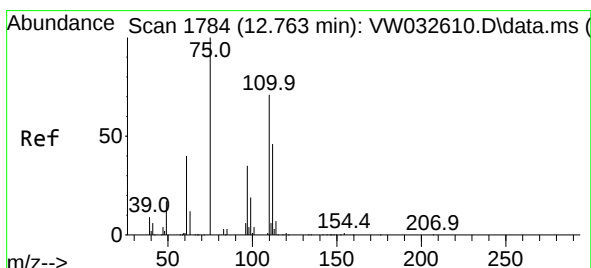
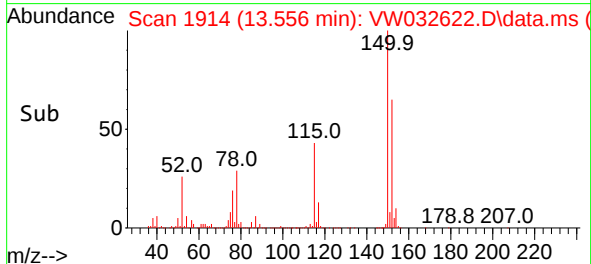
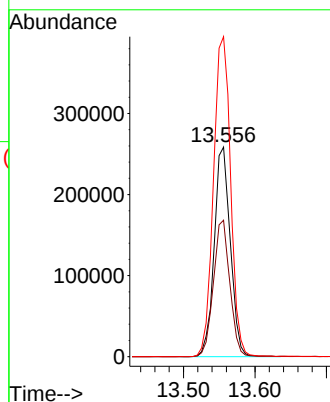
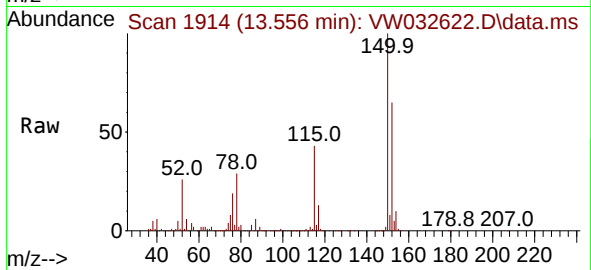




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032622.D
 Acq: 11 Dec 2025 11:22

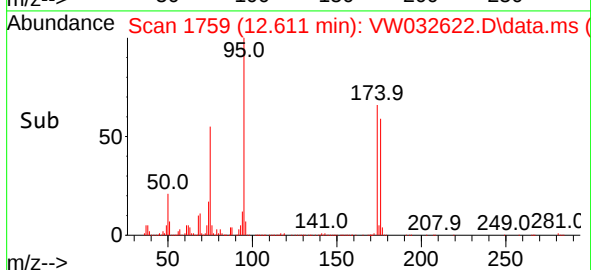
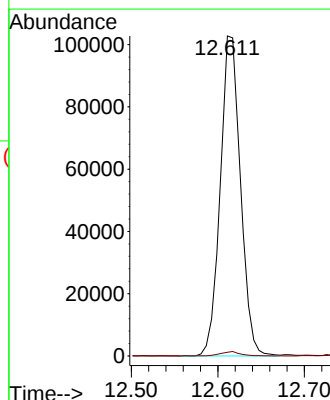
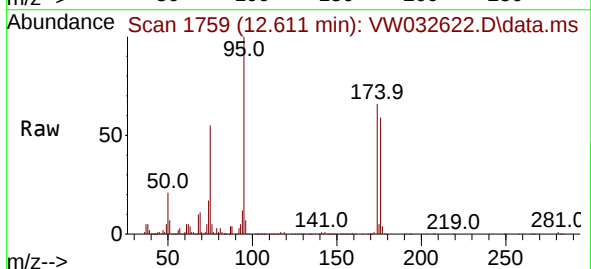
Instrument :
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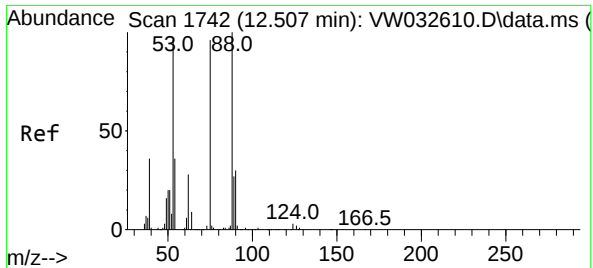
Tgt Ion:152 Resp: 404576
 Ion Ratio Lower Upper
 152 100
 115 66.4 33.8 101.3
 150 162.3 0.0 369.4



#76
 1,2,3-Trichloropropane
 Concen: 30.797 ug/l
 RT: 12.611 min Scan# 1759
 Delta R.T. -0.152 min
 Lab File: VW032622.D
 Acq: 11 Dec 2025 11:22

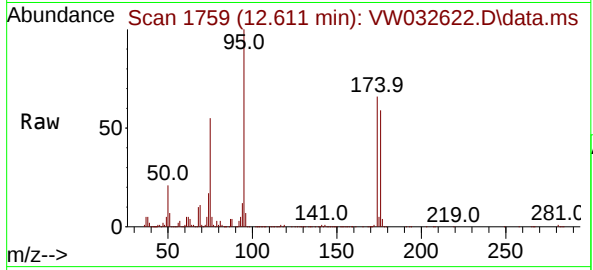
Tgt Ion: 75 Resp: 167198
 Ion Ratio Lower Upper
 75 100
 77 1.4 154.0 462.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.355 ug/l
 RT: 12.611 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VW032622.D
 Acq: 11 Dec 2025 11:22

Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion:	75	Resp:	167198
Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.1	129.1#
89	0.0	37.4	56.2#

