

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032627.D
 Acq On : 11 Dec 2025 13:10
 Operator : SY/MD
 Sample : Q3814-11
 Misc : 4.11g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-12

Quant Time: Dec 12 00:43:11 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)

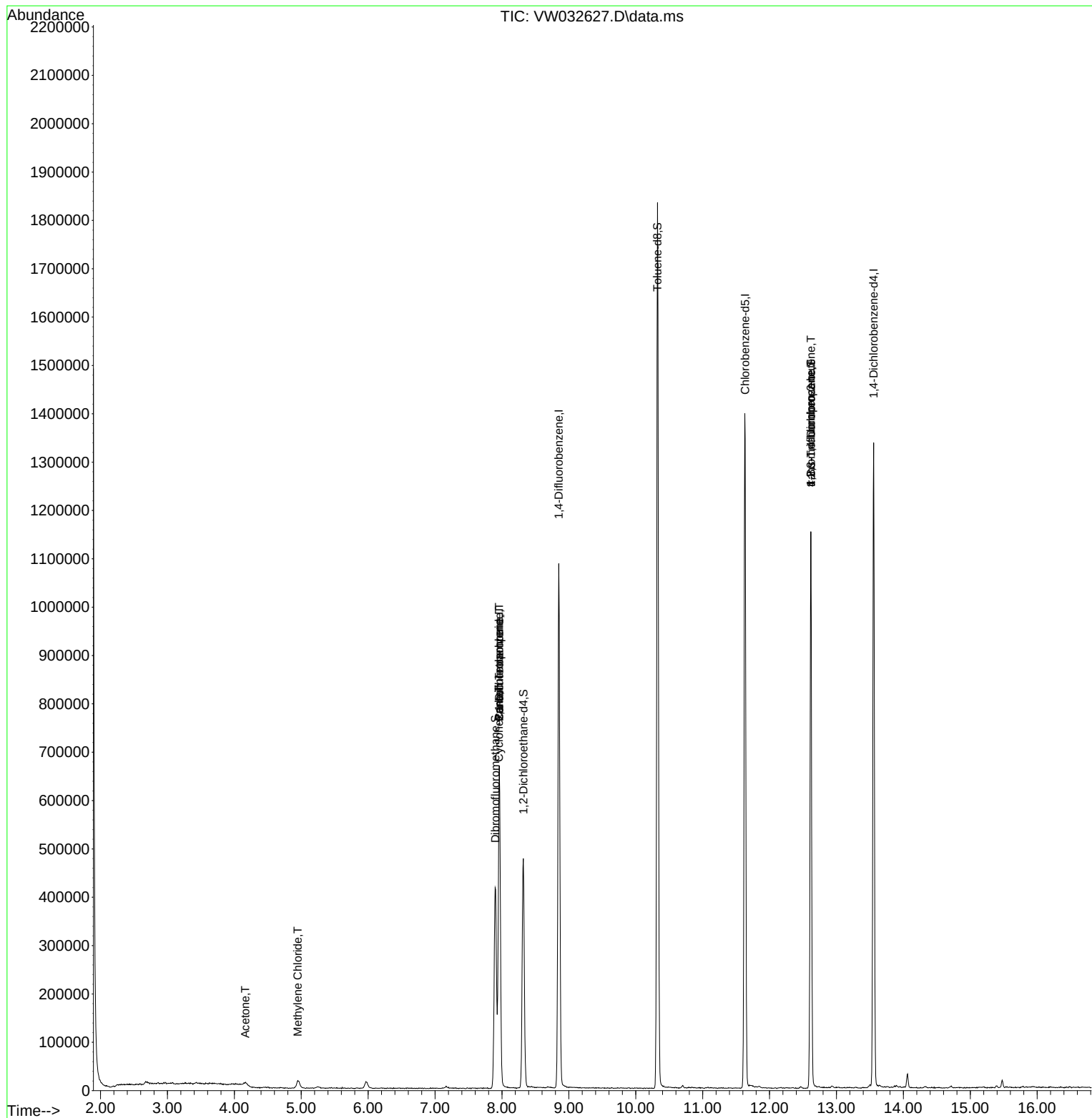
Internal Standards						
1) Pentafluorobenzene	7.959	168	441266	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	871578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	744015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	327501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	389605	55.732	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 111.460%	
35) Dibromofluoromethane	7.898	113	311503	50.137	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 100.280%	
50) Toluene-d8	10.325	98	1163272	52.006	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 104.020%	
62) 4-Bromofluorobenzene	12.617	95	399780	48.681	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 97.360%	
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	6921	2.994	ug/l	97
20) Methylene Chloride	4.948	84	13705	1.942	ug/l	93
31) Cyclohexane	7.953	56	12721	1.197	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	43658	4.865	ug/l #	50
38) Carbon Tetrachloride	7.959	117	50796	6.120	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.819	63	148	Below Cal		95
76) 1,2,3-Trichloropropane	12.617	75	201721	45.901	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	201721	94.376	ug/l #	7
95) Naphthalene	15.373	128	661	Below Cal	#	74

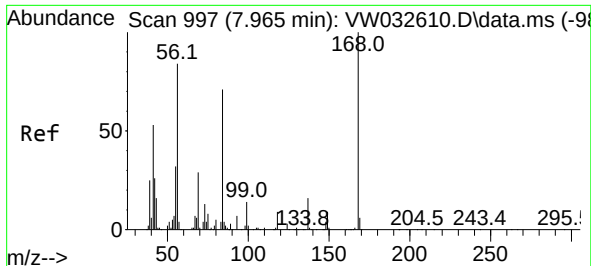
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
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Operator : SY/MD
Sample : Q3814-11
Misc : 4.11g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Dec 12 00:43:11 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

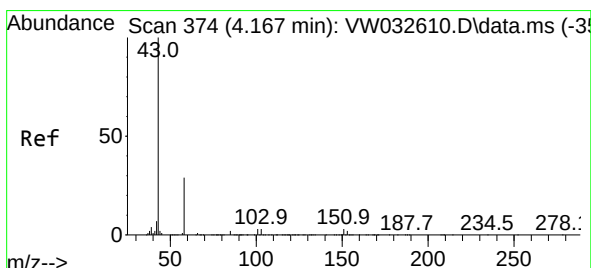
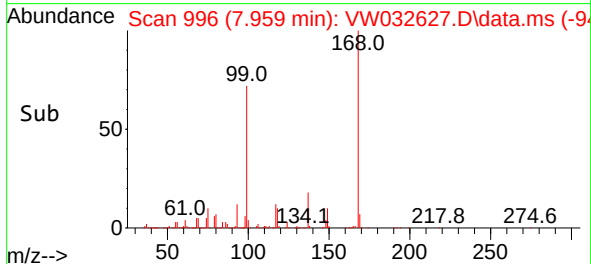
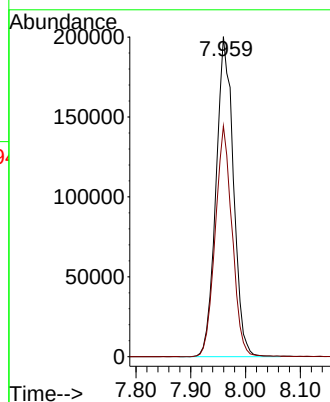
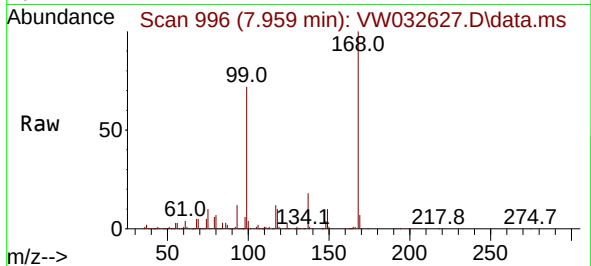




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032627.D
Acq: 11 Dec 2025 13:10

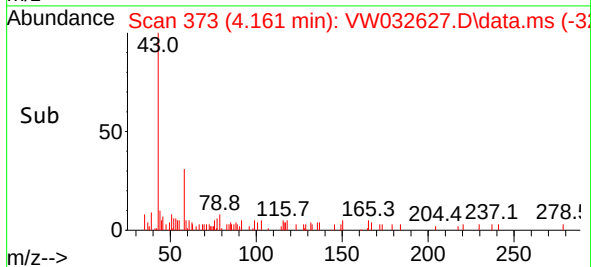
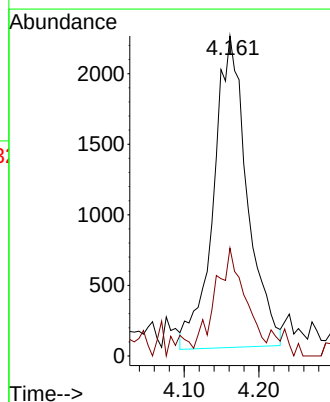
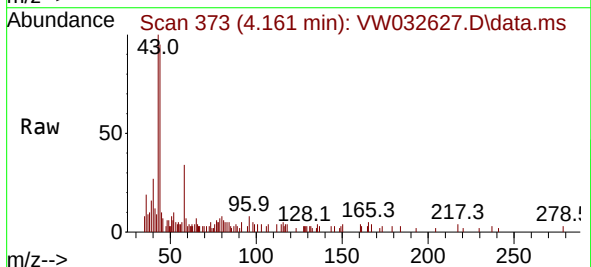
Instrument :
MSVOA_W
ClientSampleId :
TP-12

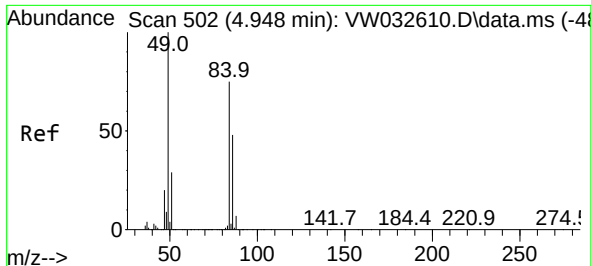
Tgt Ion:168 Resp: 441266
Ion Ratio Lower Upper
168 100
99 72.1 47.8 71.8#



#16
Acetone
Concen: 2.994 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW032627.D
Acq: 11 Dec 2025 13:10

Tgt Ion: 43 Resp: 6921
Ion Ratio Lower Upper
43 100
58 31.4 23.9 35.9

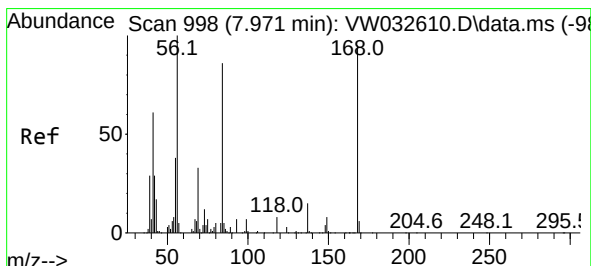
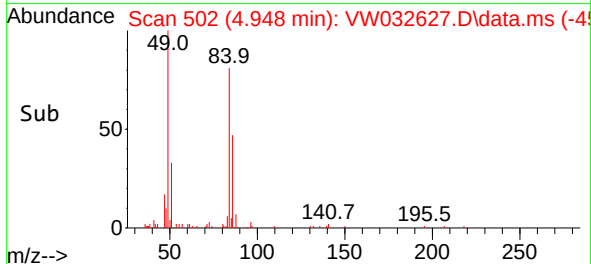
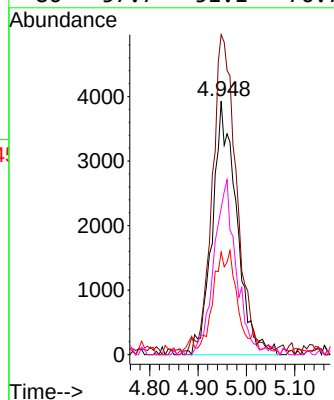
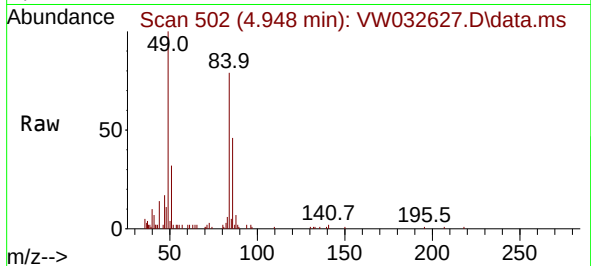




#20
Methylene Chloride
Concen: 1.942 ug/l
RT: 4.948 min Scan# 502
Delta R.T. 0.000 min
Lab File: VW032627.D
Acq: 11 Dec 2025 13:10

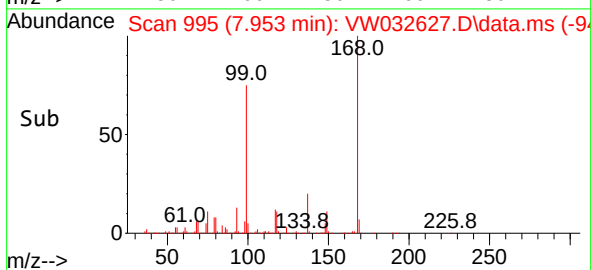
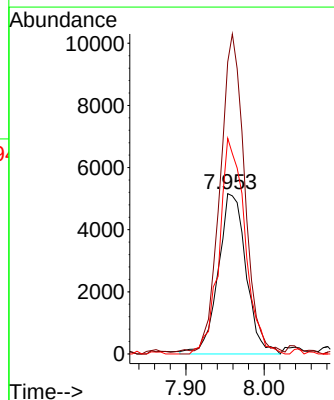
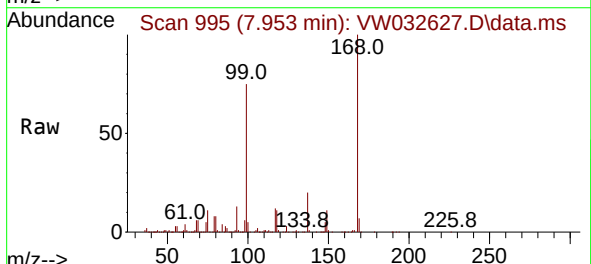
Instrument :
MSVOA_W
ClientSampleId :
TP-12

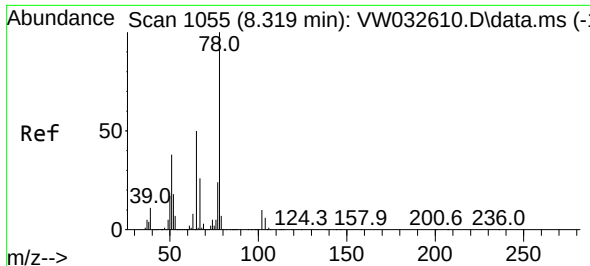
Tgt Ion:	84	Resp:	13705
Ion	Ratio	Lower	Upper
84	100		
49	123.9	106.9	160.3
51	40.5	31.4	47.2
86	57.7	51.1	76.7



#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.018 min
Lab File: VW032627.D
Acq: 11 Dec 2025 13:10

Tgt Ion:	56	Resp:	12721
Ion	Ratio	Lower	Upper
56	100		
69	180.1	26.2	39.2#
84	134.5	68.9	103.3#

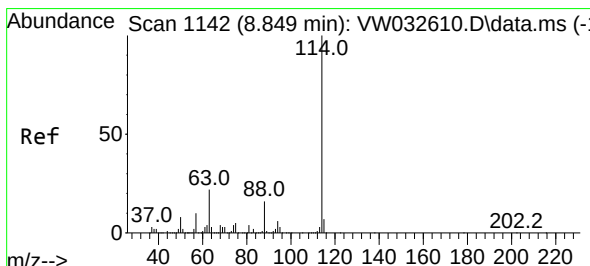
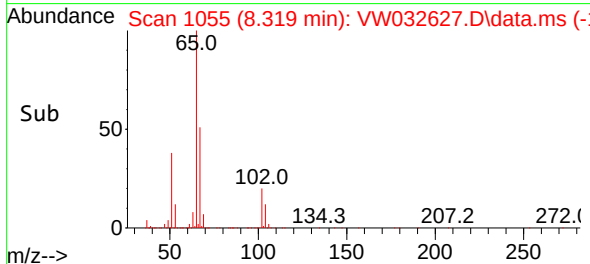
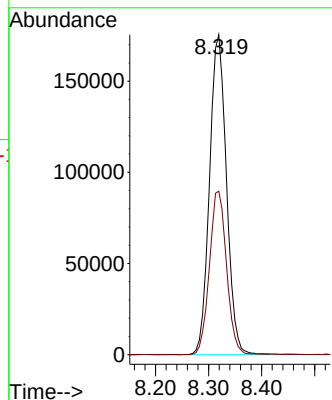
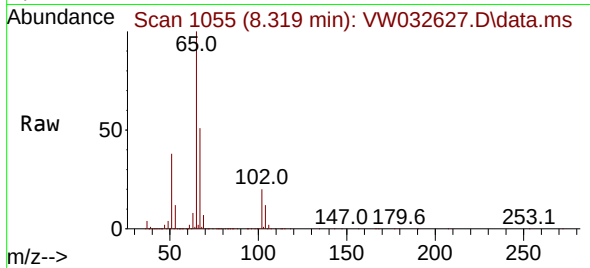




#33
 1,2-Dichloroethane-d4
 Concen: 55.732 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032627.D
 Acq: 11 Dec 2025 13:10

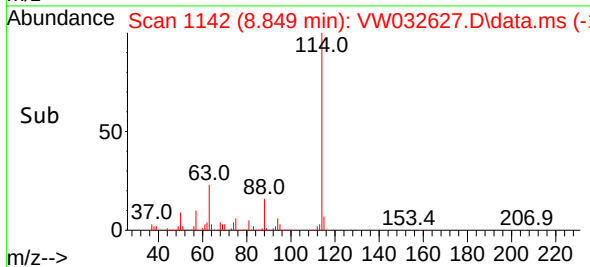
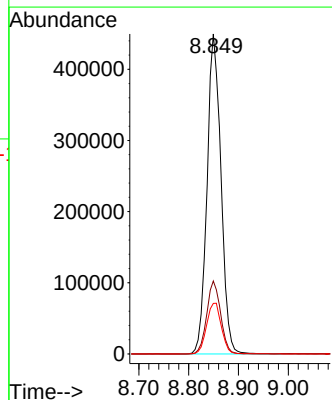
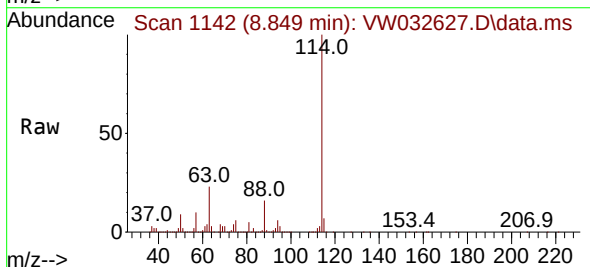
Instrument :
 MSVOA_W
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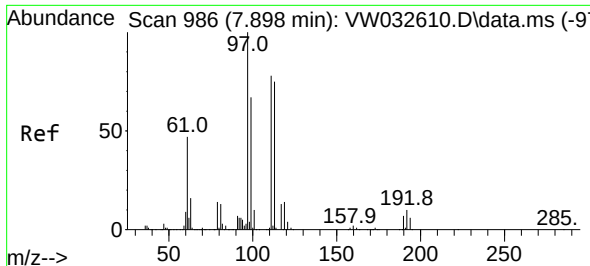
Tgt Ion: 65 Resp: 389605
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032627.D
 Acq: 11 Dec 2025 13:10

Tgt Ion: 114 Resp: 871578
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.6
 88 15.8 0.0 31.8

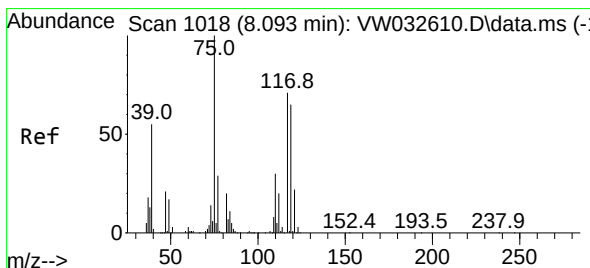
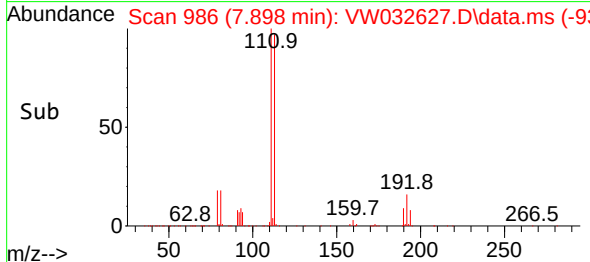
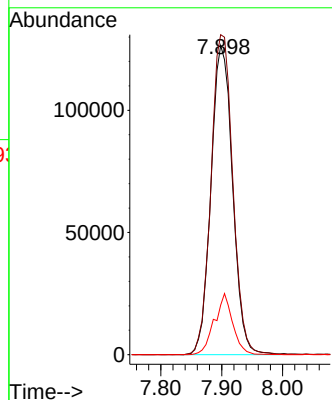
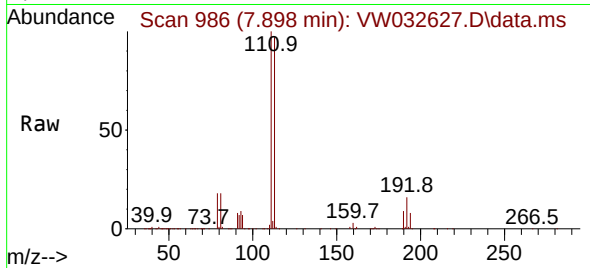




#35
Dibromofluoromethane
Concen: 50.137 ug/l
RT: 7.898 min Scan# 911
Delta R.T. 0.000 min
Lab File: VW032627.D
Acq: 11 Dec 2025 13:10

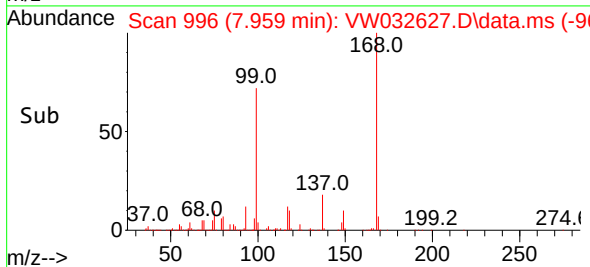
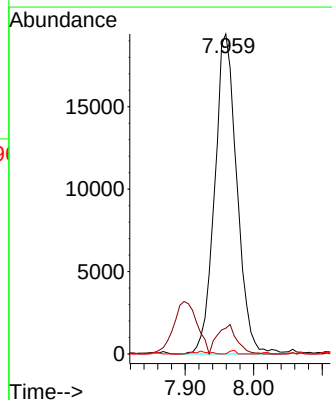
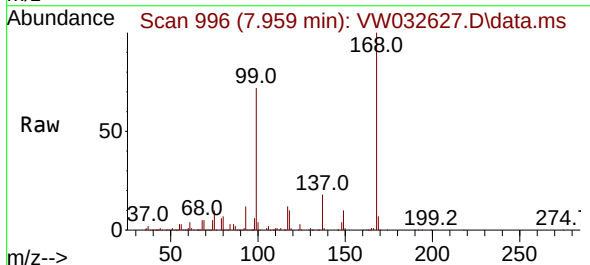
Instrument :
MSVOA_W
ClientSampleId :
TP-12

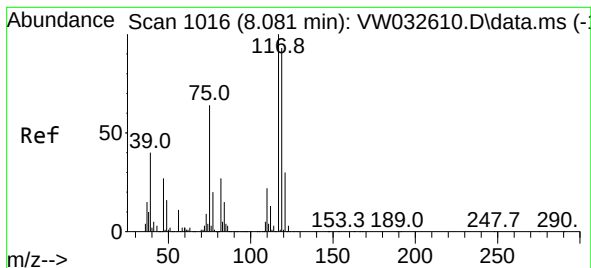
Tgt Ion:113 Resp: 311503
Ion Ratio Lower Upper
113 100
111 104.6 85.2 127.8
192 16.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.865 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.134 min
Lab File: VW032627.D
Acq: 11 Dec 2025 13:10

Tgt Ion: 75 Resp: 43658
Ion Ratio Lower Upper
75 100
110 7.9 16.3 48.9#
77 0.3 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.120 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW032627.D

Acq: 11 Dec 2025 13:10

Instrument :

MSVOA_W

ClientSampleId :

TP-12

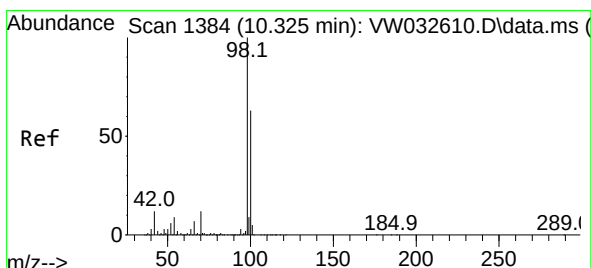
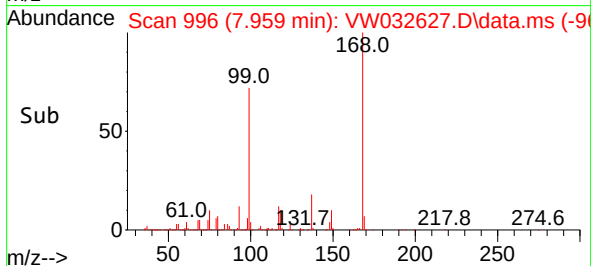
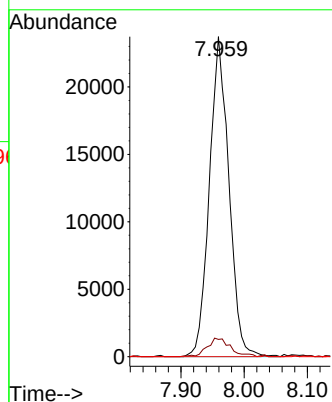
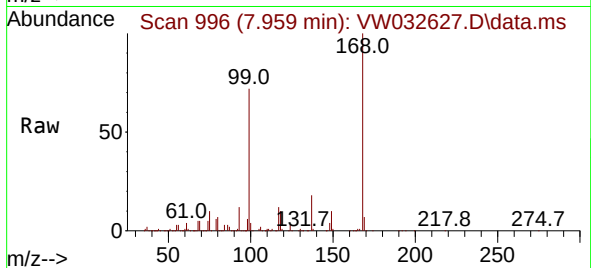
Tgt Ion:117 Resp: 50796

Ion Ratio Lower Upper

117 100

119 5.4 74.3 111.5#

121 0.0 23.6 35.4#



#50

Toluene-d8

Concen: 52.006 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032627.D

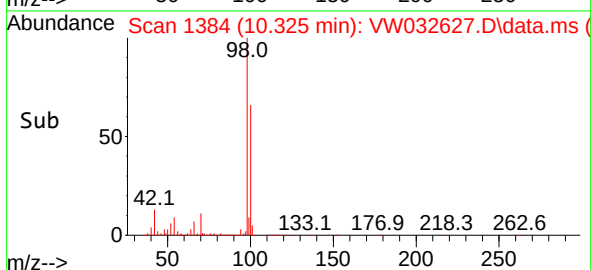
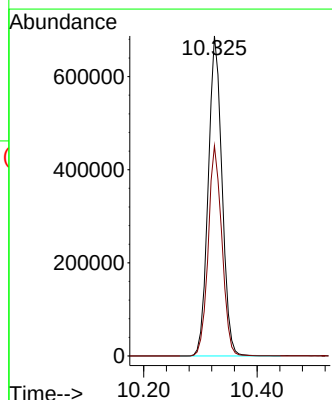
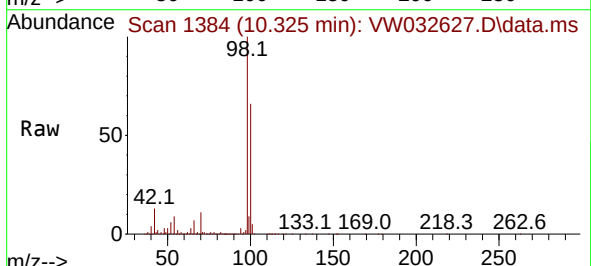
Acq: 11 Dec 2025 13:10

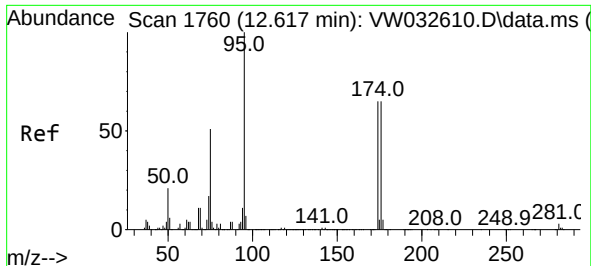
Tgt Ion: 98 Resp: 1163272

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2

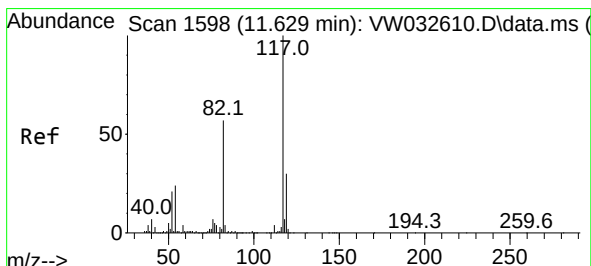
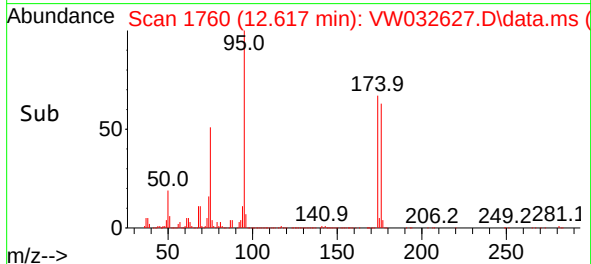
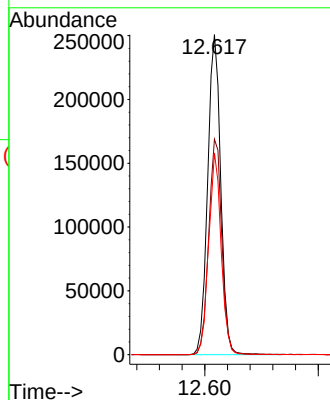
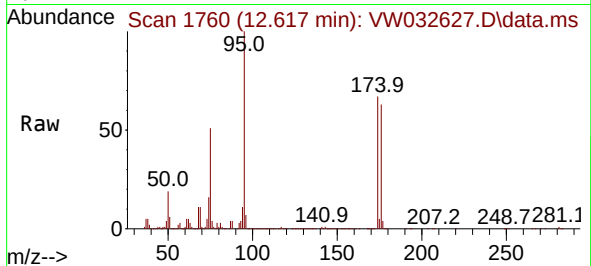




#62
4-Bromofluorobenzene
Concen: 48.681 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032627.D
Acq: 11 Dec 2025 13:10

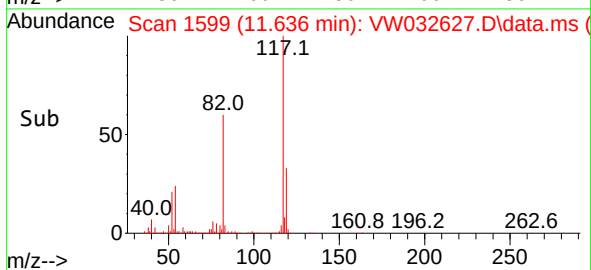
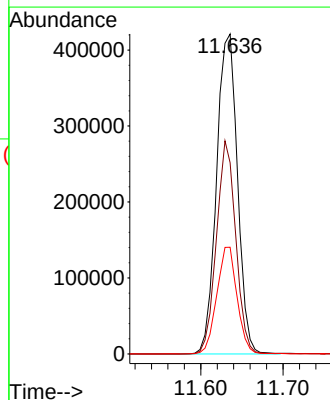
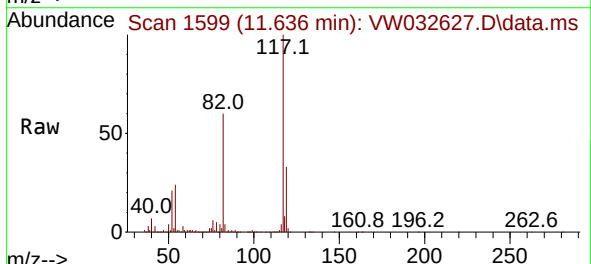
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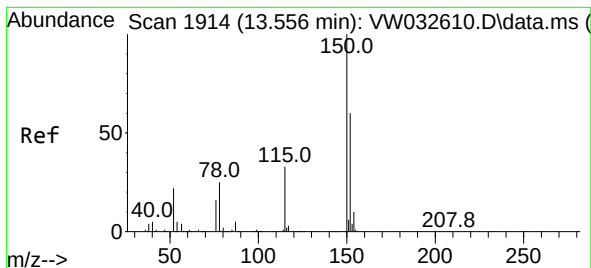
Tgt Ion: 95 Resp: 399780
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.0
176 60.5 0.0 123.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032627.D
Acq: 11 Dec 2025 13:10

Tgt Ion: 117 Resp: 744015
Ion Ratio Lower Upper
117 100
82 59.8 45.5 68.3
119 33.3 23.8 35.8

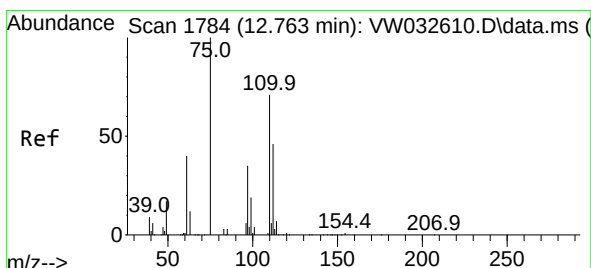
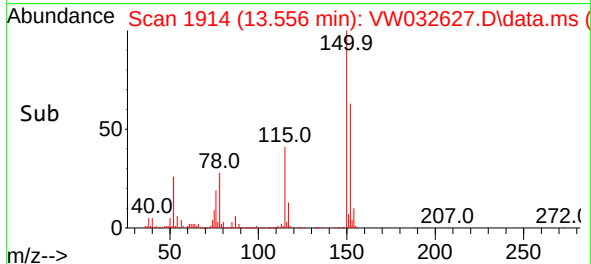
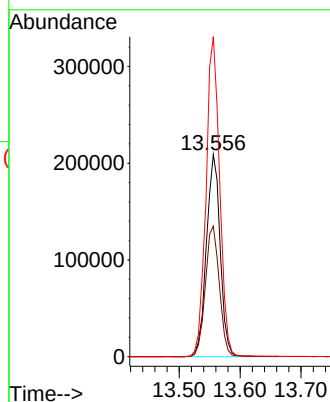
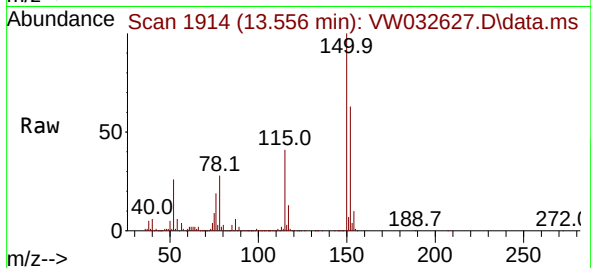




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032627.D
 Acq: 11 Dec 2025 13:10

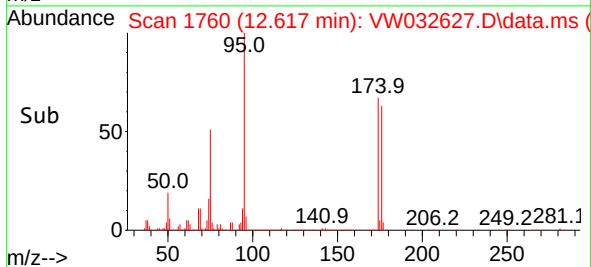
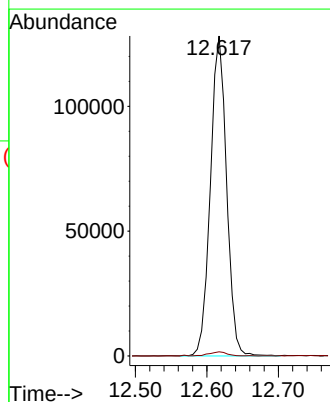
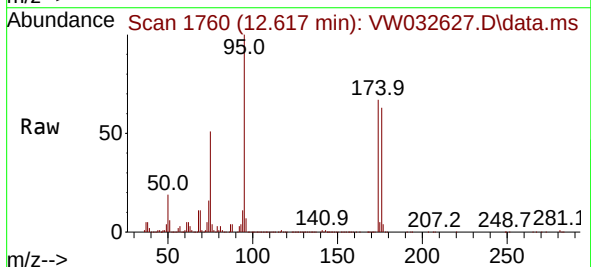
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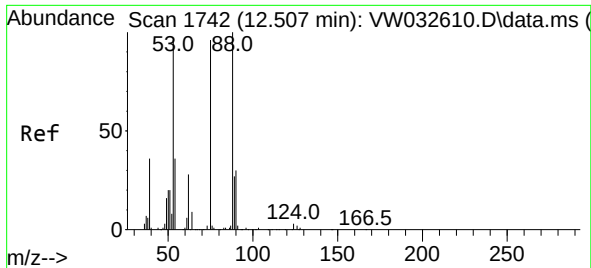
Tgt Ion:152 Resp: 327501
 Ion Ratio Lower Upper
 152 100
 115 66.0 33.8 101.3
 150 157.3 0.0 369.4



#76
 1,2,3-Trichloropropane
 Concen: 45.901 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.146 min
 Lab File: VW032627.D
 Acq: 11 Dec 2025 13:10

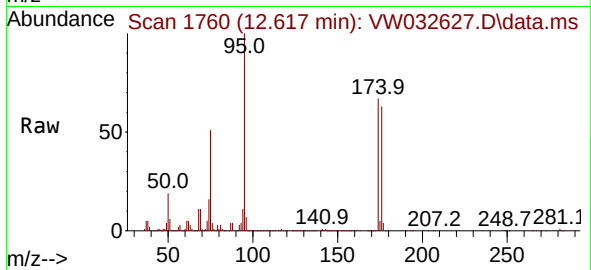
Tgt Ion: 75 Resp: 201721
 Ion Ratio Lower Upper
 75 100
 77 1.4 154.0 462.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.376 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VW032627.D
 Acq: 11 Dec 2025 13:10

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-12



Tgt Ion: 75 Resp: 201721
 Ion Ratio Lower Upper
 75 100
 53 0.3 86.1 129.1#
 89 0.0 37.4 56.2#

