

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032623.D
 Acq On : 11 Dec 2025 11:44
 Operator : SY/MD
 Sample : Q3814-03
 Misc : 4.20g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6

Quant Time: Dec 12 00:41:56 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)

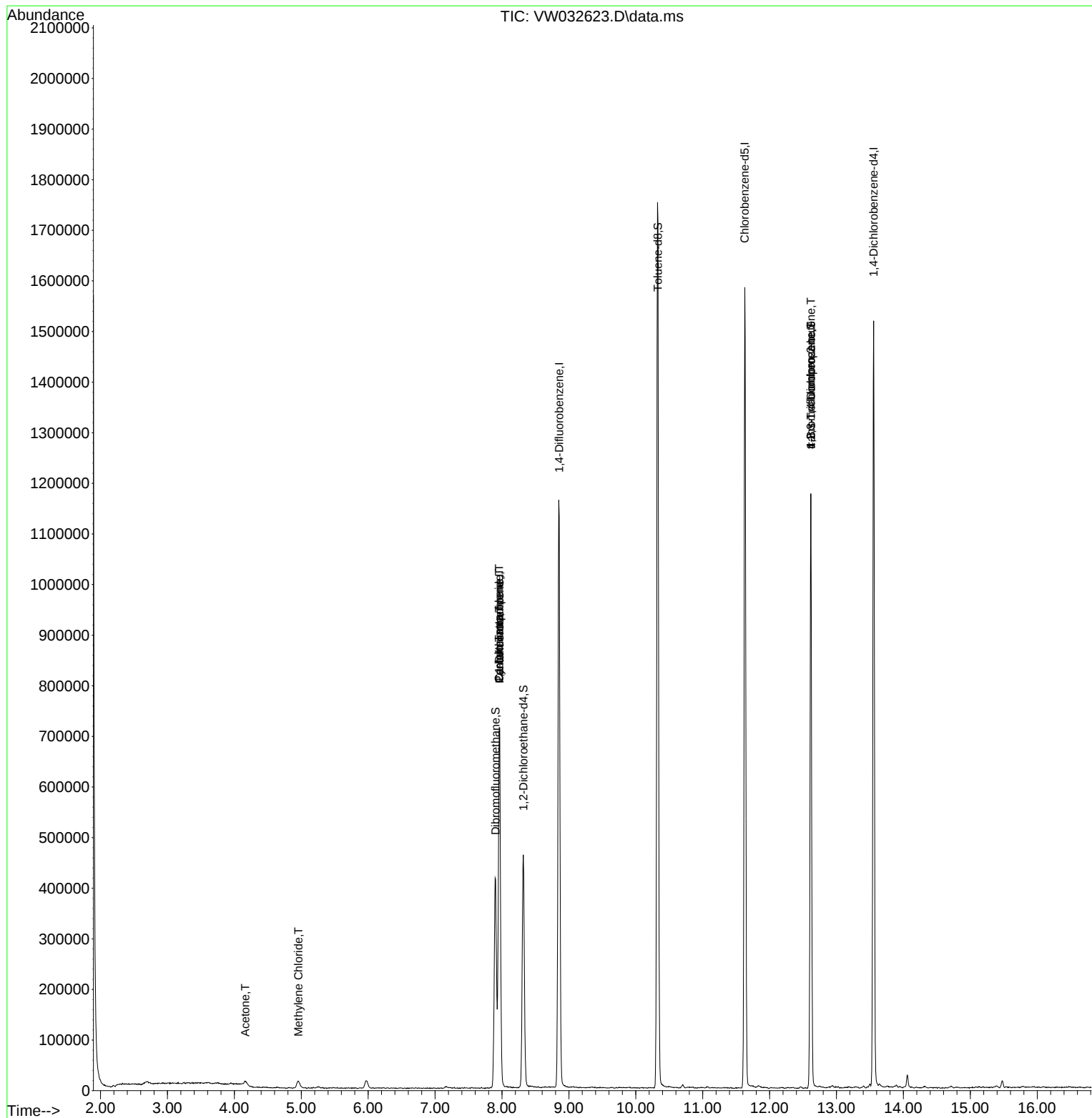
Internal Standards						
1) Pentafluorobenzene	7.965	168	489669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	968933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	846098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	377443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	377746	49.127	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.260%
35) Dibromofluoromethane	7.904	113	310672	45.318	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	90.640%
50) Toluene-d8	10.330	98	1182562	47.557	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	95.120%
62) 4-Bromofluorobenzene	12.617	95	401804	44.011	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	88.020%
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	10932	4.261	ug/l	91
20) Methylene Chloride	4.959	84	11521	1.471	ug/l	87
31) Cyclohexane	7.959	56	13236	1.122	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	47311	4.743	ug/l #	51
38) Carbon Tetrachloride	7.959	117	55931	6.062	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.983	63	223	Below Cal		95
76) 1,2,3-Trichloropropane	12.617	75	207678	41.004	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	207678	87.361	ug/l #	7
95) Naphthalene	15.354	128	1249	Below Cal	#	88

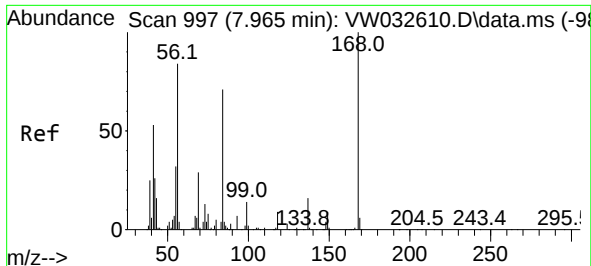
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
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ALS Vial : 1 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

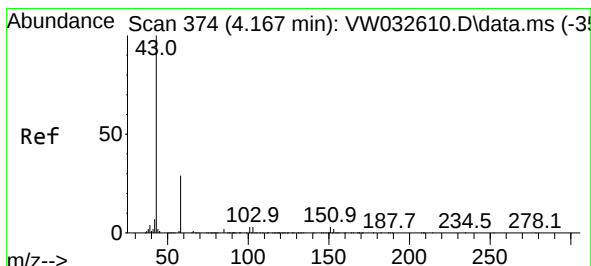
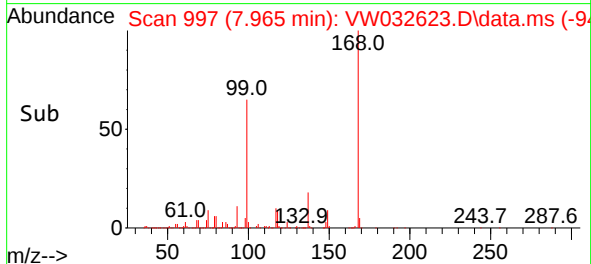
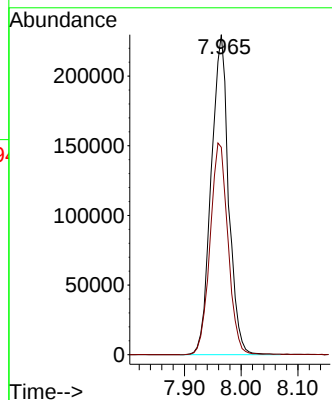
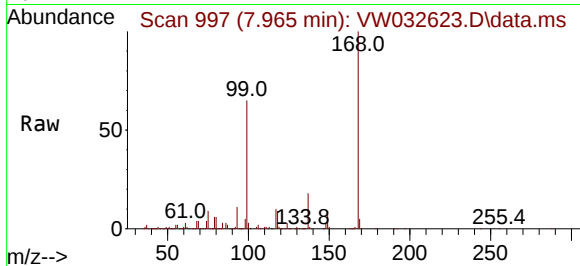




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032623.D
Acq: 11 Dec 2025 11:44

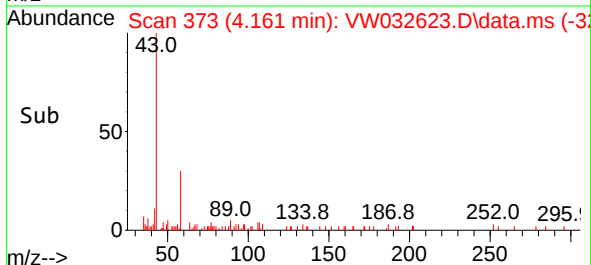
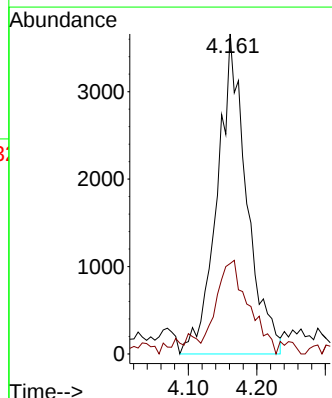
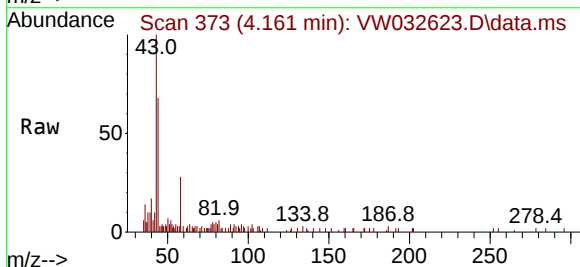
Instrument :
MSVOA_W
ClientSampleId :
TP-6

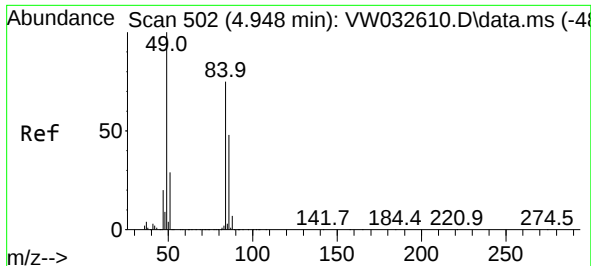
Tgt Ion:168 Resp: 489669
Ion Ratio Lower Upper
168 100
99 64.8 47.8 71.8



#16
Acetone
Concen: 4.261 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW032623.D
Acq: 11 Dec 2025 11:44

Tgt Ion: 43 Resp: 10932
Ion Ratio Lower Upper
43 100
58 24.9 23.9 35.9

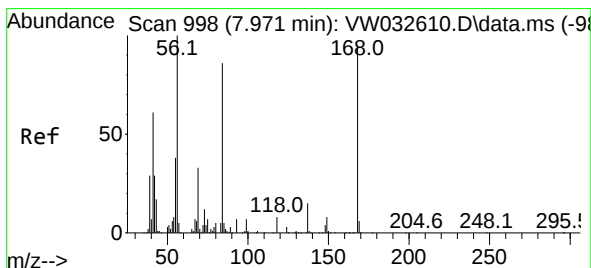
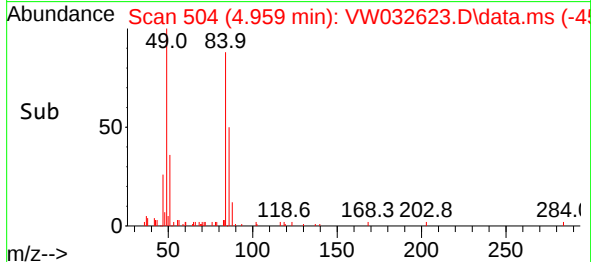
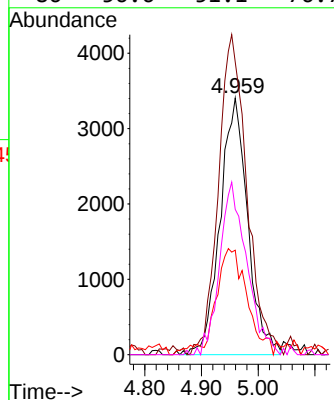
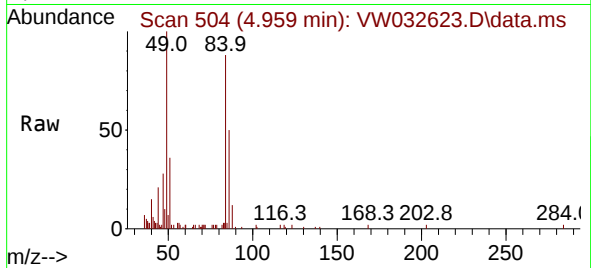




#20
Methylene Chloride
Concen: 1.471 ug/l
RT: 4.959 min Scan# 502
Delta R.T. 0.012 min
Lab File: VW032623.D
Acq: 11 Dec 2025 11:44

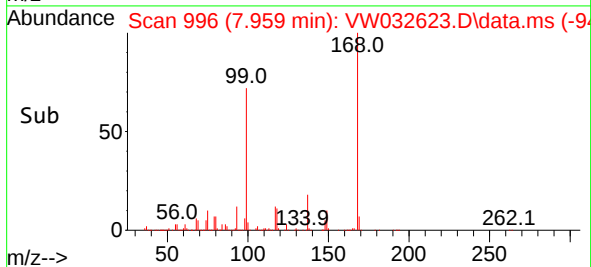
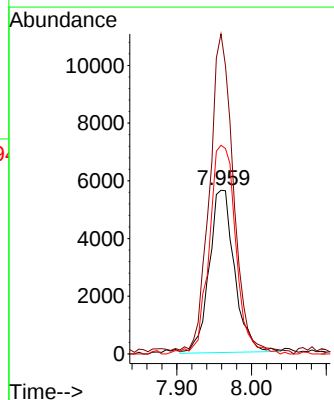
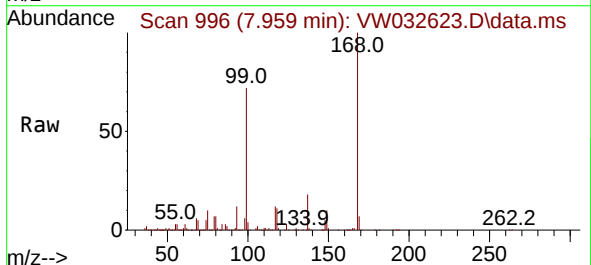
Instrument :
MSVOA_W
ClientSampleId :
TP-6

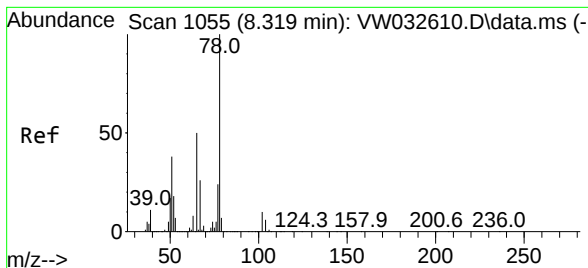
Tgt Ion:	84	Resp:	11521
Ion	Ratio	Lower	Upper
84	100		
49	111.0	106.9	160.3
51	39.0	31.4	47.2
86	56.6	51.1	76.7



#31
Cyclohexane
Concen: 1.122 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032623.D
Acq: 11 Dec 2025 11:44

Tgt Ion:	56	Resp:	13236
Ion	Ratio	Lower	Upper
56	100		
69	196.0	26.2	39.2#
84	129.4	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 49.127 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032623.D

Acq: 11 Dec 2025 11:44

Instrument :

MSVOA_W

ClientSampleId :

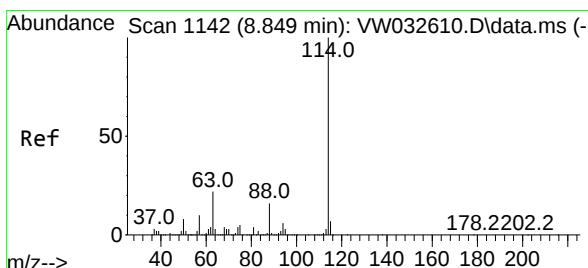
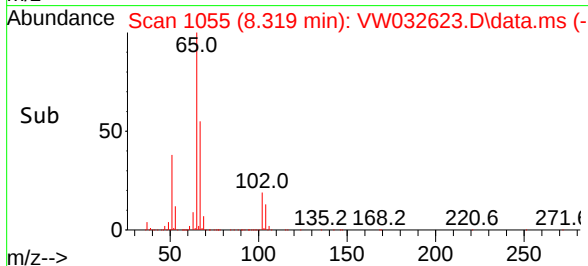
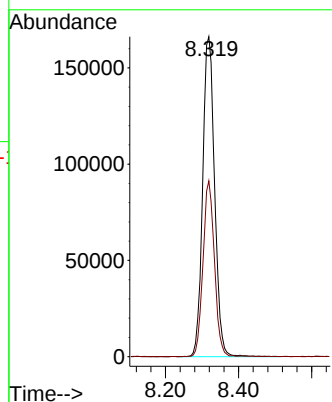
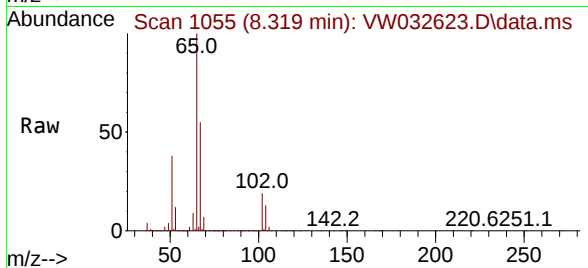
TP-6

Tgt Ion: 65 Resp: 377746

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VW032623.D

Acq: 11 Dec 2025 11:44

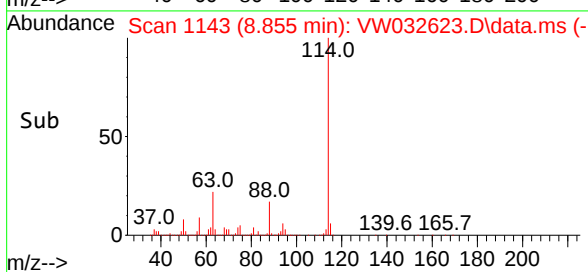
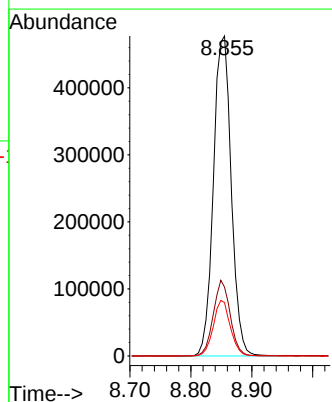
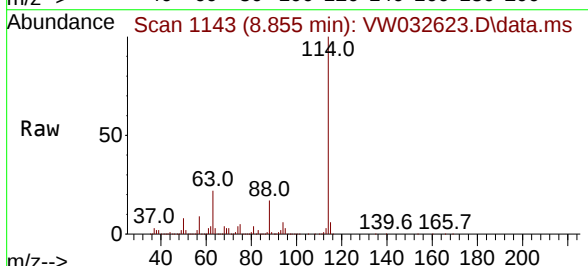
Tgt Ion: 114 Resp: 968933

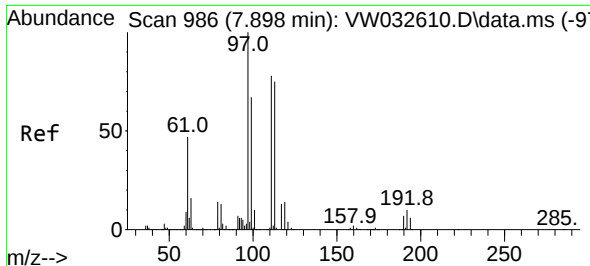
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.6

88 16.7 0.0 31.8

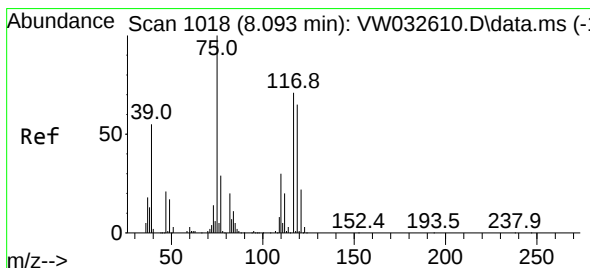
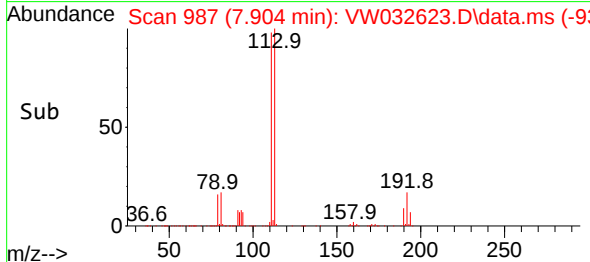
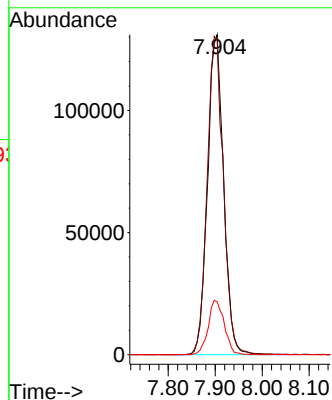
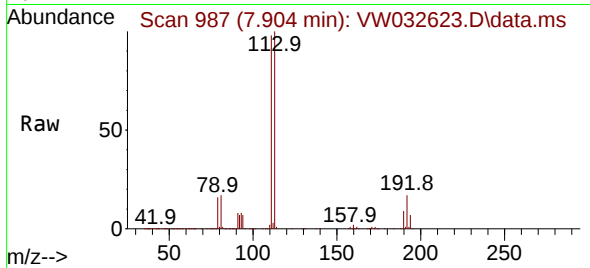




#35
Dibromofluoromethane
Concen: 45.318 ug/l
RT: 7.904 min Scan# 911
Delta R.T. 0.006 min
Lab File: VW032623.D
Acq: 11 Dec 2025 11:44

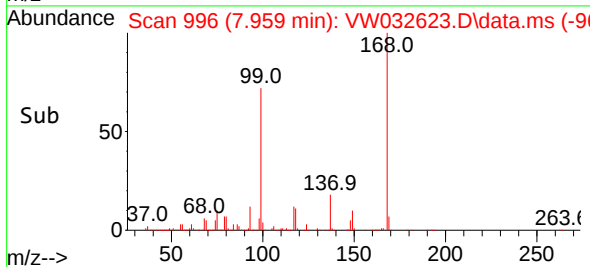
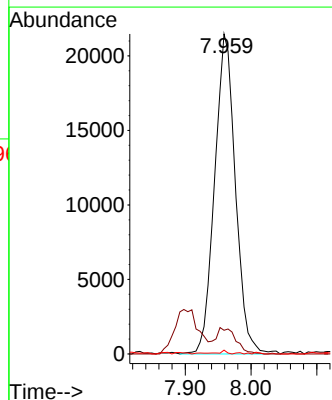
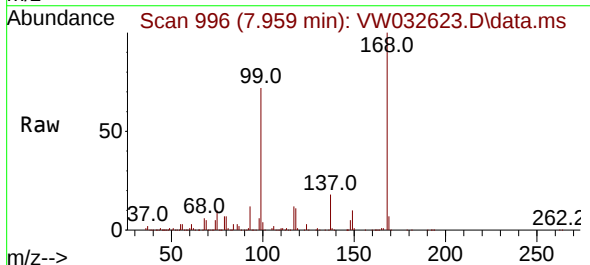
Instrument :
MSVOA_W
ClientSampleId :
TP-6

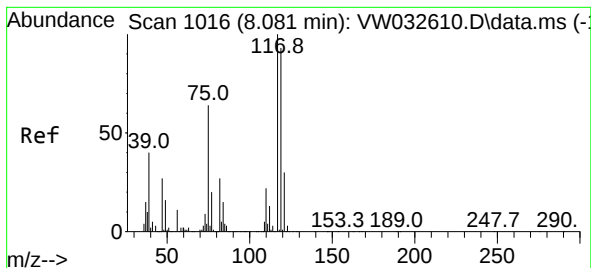
Tgt Ion:113 Resp: 310672
Ion Ratio Lower Upper
113 100
111 100.6 85.2 127.8
192 17.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.743 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.134 min
Lab File: VW032623.D
Acq: 11 Dec 2025 11:44

Tgt Ion: 75 Resp: 47311
Ion Ratio Lower Upper
75 100
110 8.2 16.3 48.9#
77 0.3 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.062 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW032623.D

Acq: 11 Dec 2025 11:44

Instrument :

MSVOA_W

ClientSampleId :

TP-6

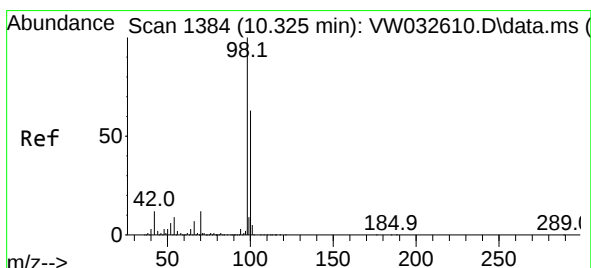
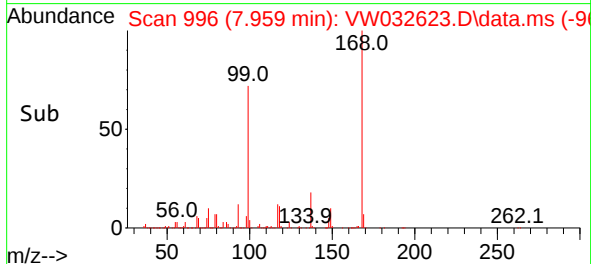
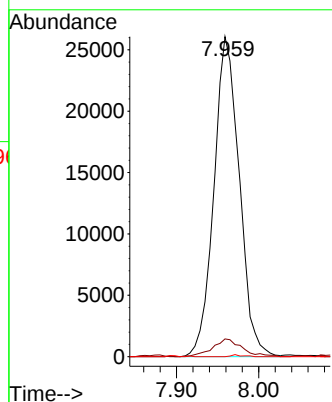
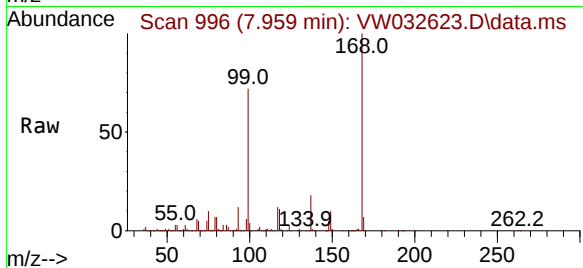
Tgt Ion:117 Resp: 55931

Ion Ratio Lower Upper

117 100

119 5.6 74.3 111.5#

121 0.0 23.6 35.4#



#50

Toluene-d8

Concen: 47.557 ug/l

RT: 10.330 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW032623.D

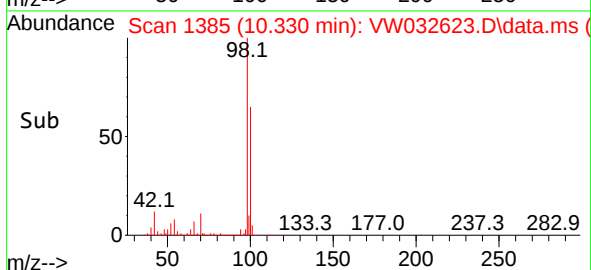
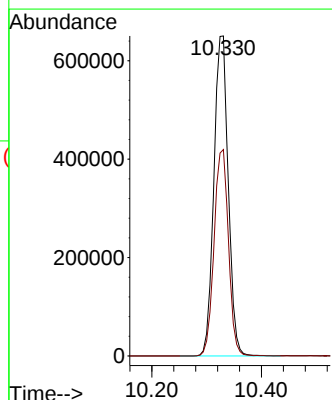
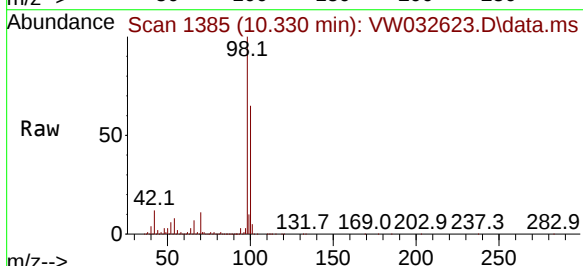
Acq: 11 Dec 2025 11:44

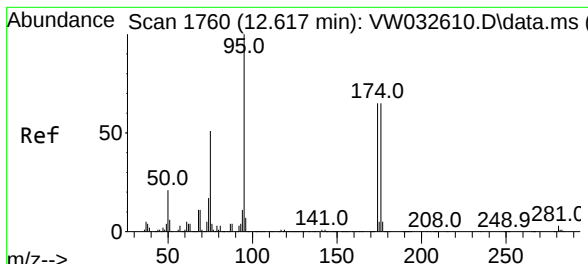
Tgt Ion: 98 Resp: 1182562

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



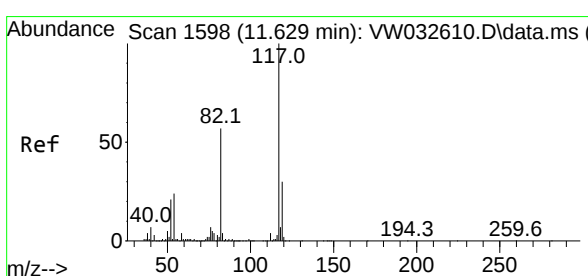
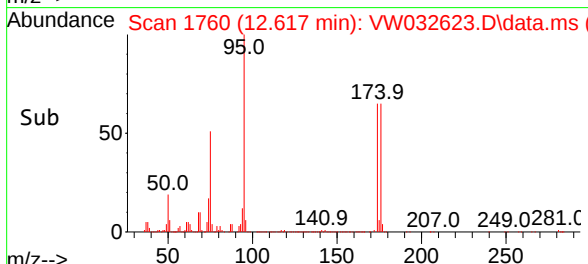
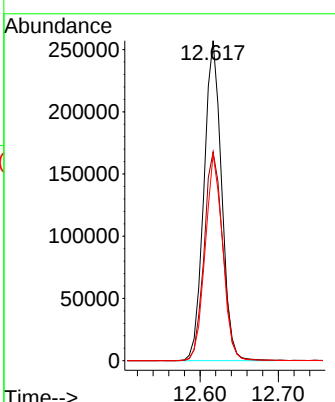
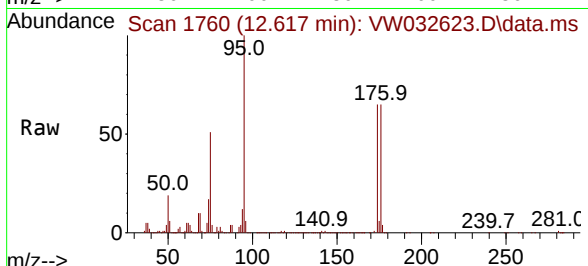


#62
 4-Bromofluorobenzene
 Concen: 44.011 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.000 min
 Lab File: VW032623.D
 Acq: 11 Dec 2025 11:44

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6

Tgt Ion: 95 Resp: 401804

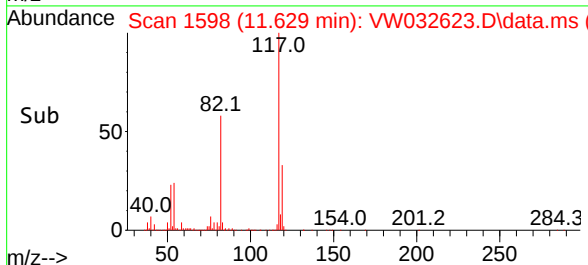
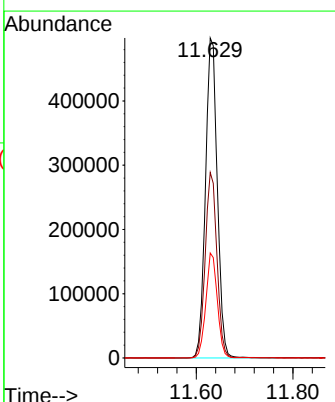
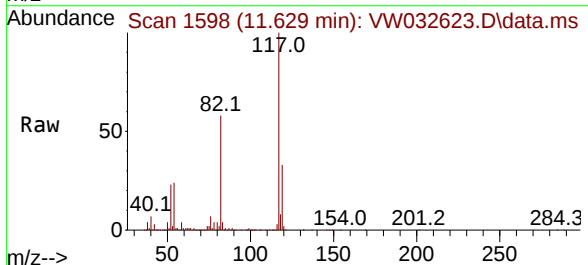
Ion	Ratio	Lower	Upper
95	100		
174	68.9	0.0	135.0
176	63.9	0.0	123.4

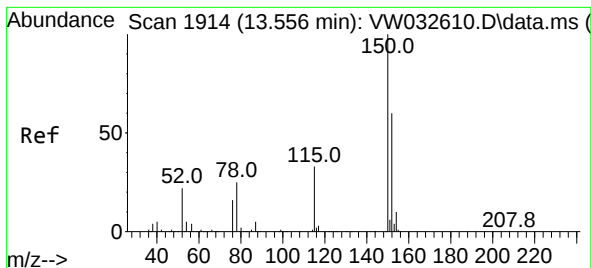


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.629 min Scan# 1598
 Delta R.T. -0.000 min
 Lab File: VW032623.D
 Acq: 11 Dec 2025 11:44

Tgt Ion: 117 Resp: 846098

Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.5	68.3
119	32.8	23.8	35.8

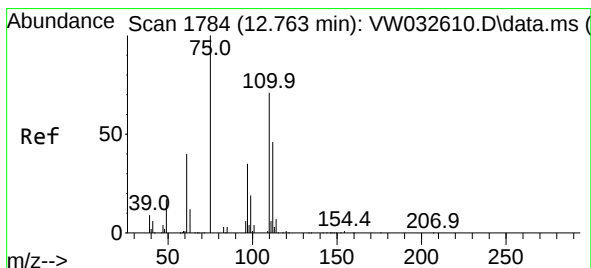
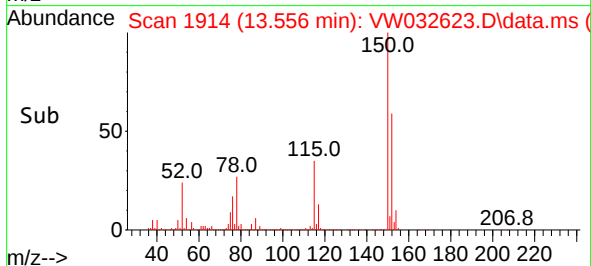
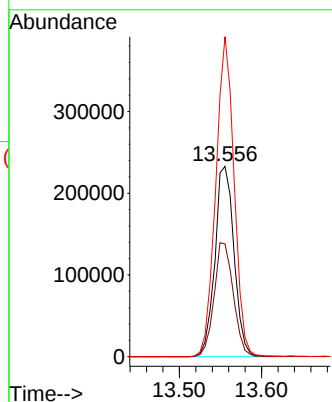
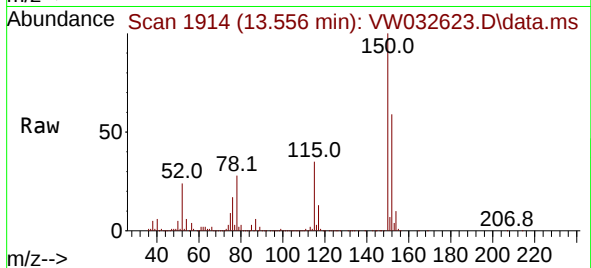




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032623.D
Acq: 11 Dec 2025 11:44

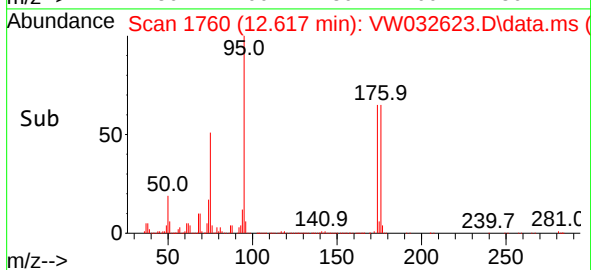
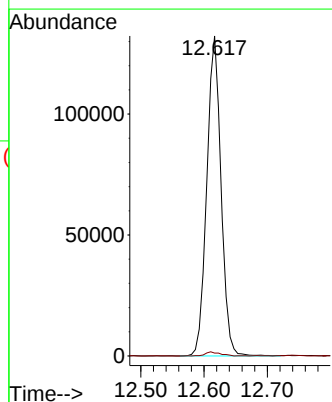
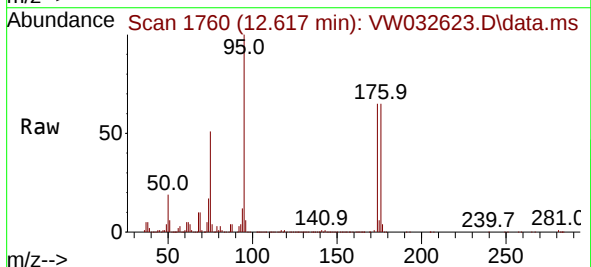
Instrument :
MSVOA_W
ClientSampleId :
TP-6

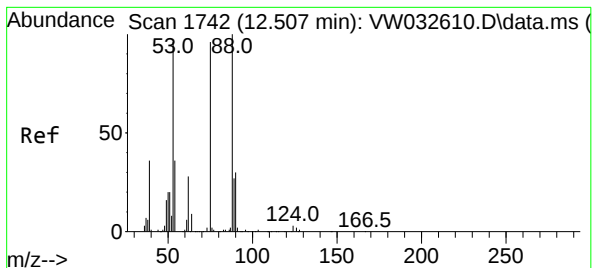
Tgt Ion:152 Resp: 377443
Ion Ratio Lower Upper
152 100
115 60.2 33.8 101.3
150 160.7 0.0 369.4



#76
1,2,3-Trichloropropane
Concen: 41.004 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.147 min
Lab File: VW032623.D
Acq: 11 Dec 2025 11:44

Tgt Ion: 75 Resp: 207678
Ion Ratio Lower Upper
75 100
77 1.4 154.0 462.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.361 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VW032623.D
 Acq: 11 Dec 2025 11:44

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6

Tgt Ion: 75 Resp: 207678
 Ion Ratio Lower Upper
 75 100
 53 0.4 86.1 129.1#
 89 0.0 37.4 56.2#

