

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032630.D
 Acq On : 11 Dec 2025 14:16
 Operator : SY/MD
 Sample : Q3826-01
 Misc : 3.91g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-13

Quant Time: Dec 12 00:44:08 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)

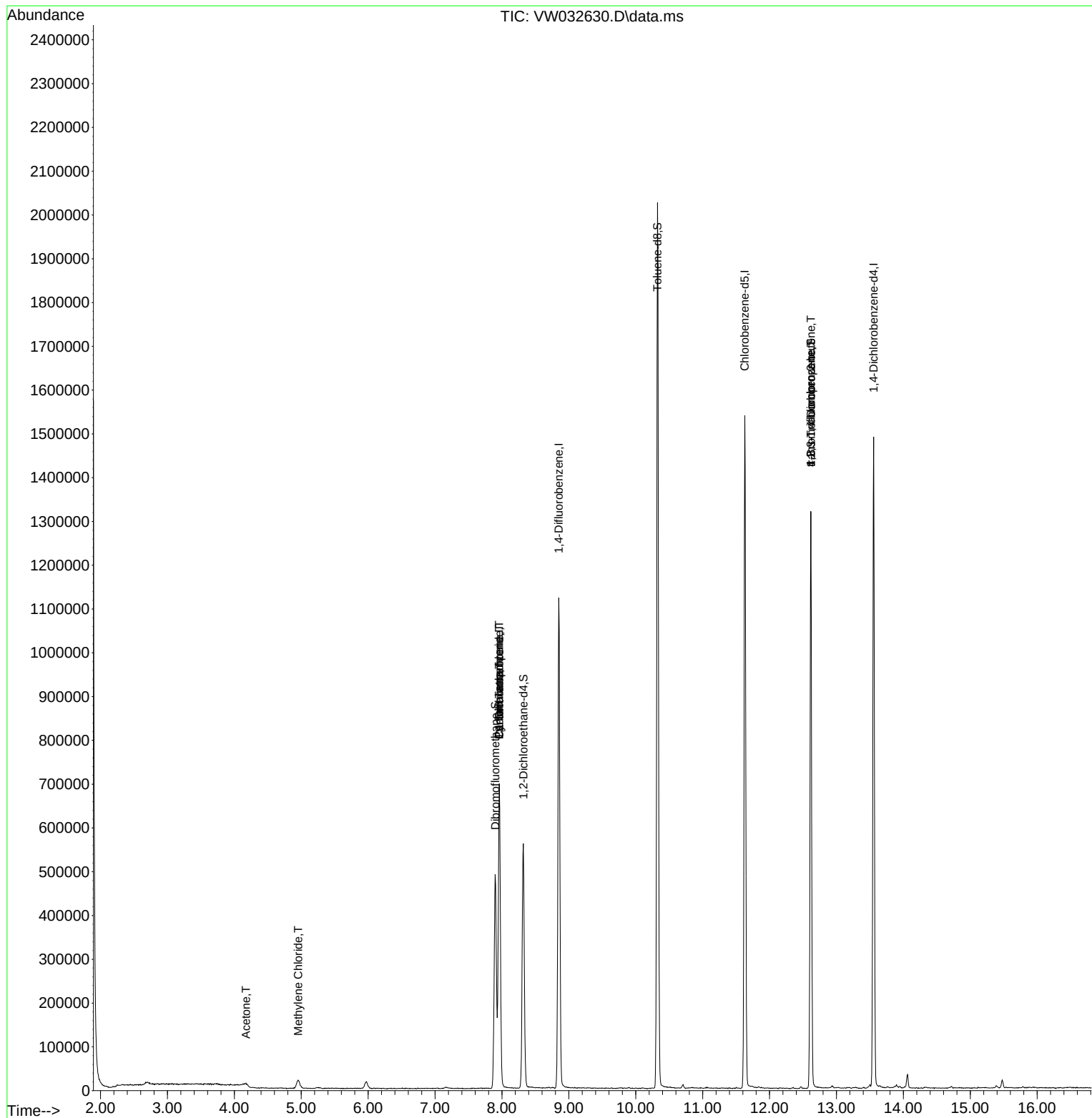
Internal Standards						
1) Pentafluorobenzene	7.959	168	476100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	906477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	820426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	352212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	454011	59.920	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 119.840%		
35) Dibromofluoromethane	7.898	113	362821	55.754	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 111.500%		
50) Toluene-d8	10.325	98	1299346	55.853	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 111.700%		
62) 4-Bromofluorobenzene	12.617	95	459080	53.749	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 107.500%		
Target Compounds						
					Qvalue	
16) Acetone	4.173	43	5709	2.289	ug/l	90
20) Methylene Chloride	4.954	84	16439	2.159	ug/l	86
31) Cyclohexane	7.959	56	12423	1.083	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	45451	4.870	ug/l #	50
38) Carbon Tetrachloride	7.959	117	52511	6.083	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.831	63	138	Below Cal		94
76) 1,2,3-Trichloropropane	12.617	75	231637	49.010	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	231637	98.648	ug/l #	7
95) Naphthalene	15.373	128	858	Below Cal	#	92

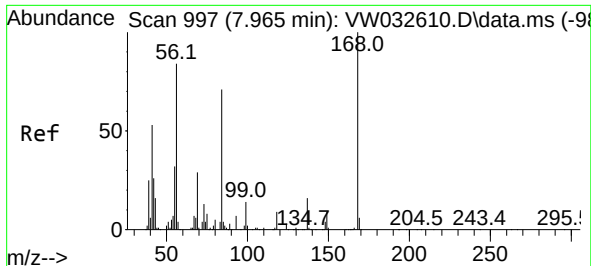
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 3.91g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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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

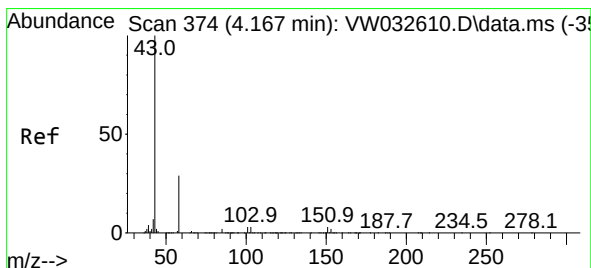
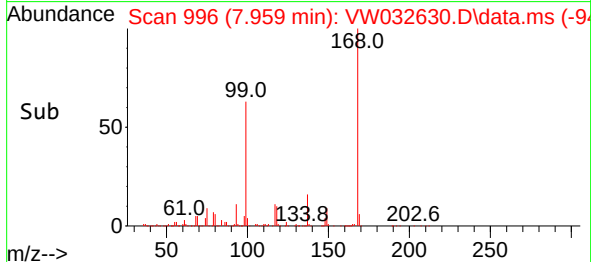
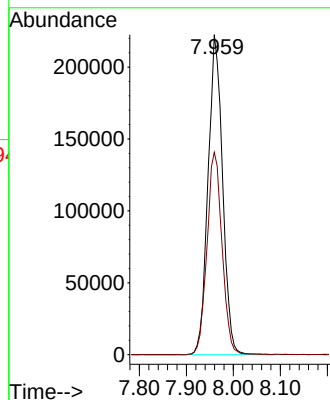
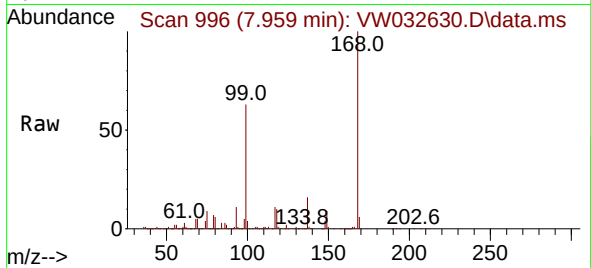




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032630.D
Acq: 11 Dec 2025 14:16

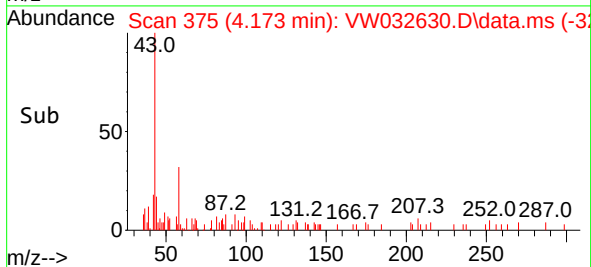
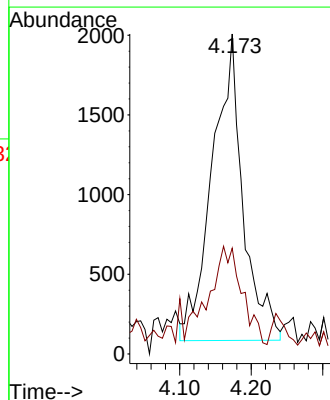
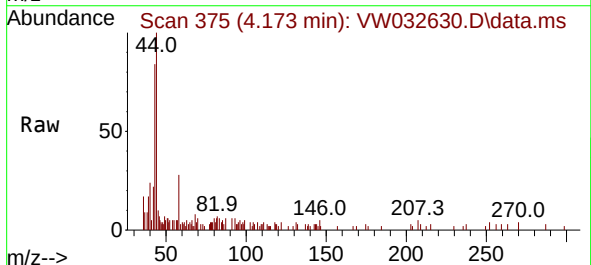
Instrument :
MSVOA_W
ClientSampleId :
TP-13

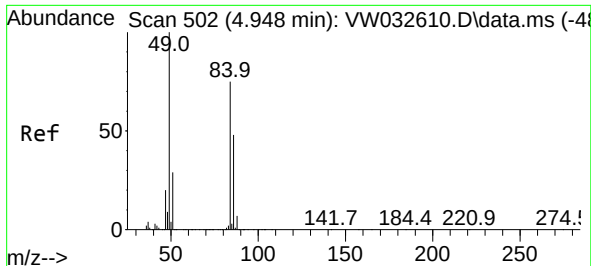
Tgt Ion:168 Resp: 476100
Ion Ratio Lower Upper
168 100
99 63.3 47.8 71.8



#16
Acetone
Concen: 2.289 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.006 min
Lab File: VW032630.D
Acq: 11 Dec 2025 14:16

Tgt Ion: 43 Resp: 5709
Ion Ratio Lower Upper
43 100
58 24.3 23.9 35.9

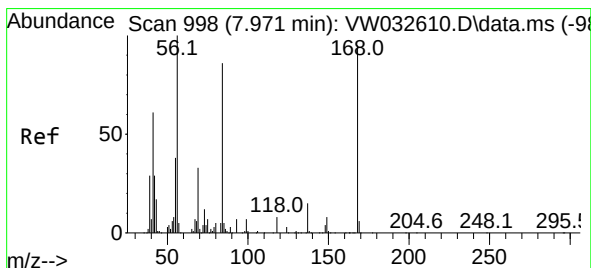
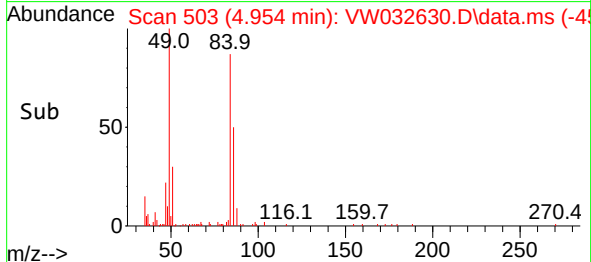
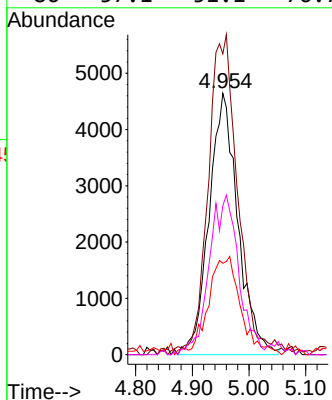
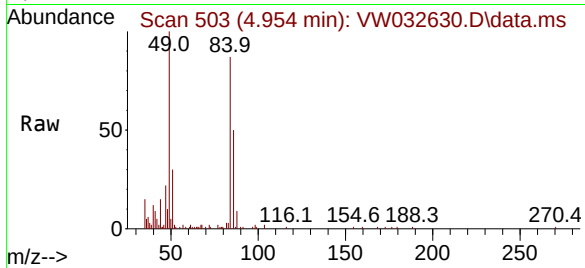




#20
Methylene Chloride
Concen: 2.159 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW032630.D
Acq: 11 Dec 2025 14:16

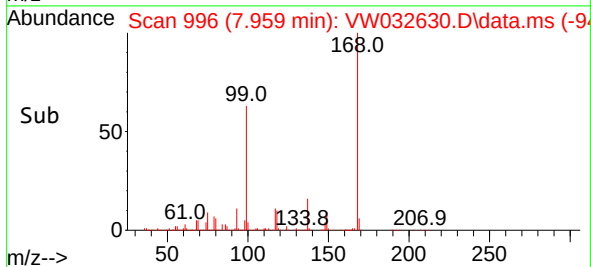
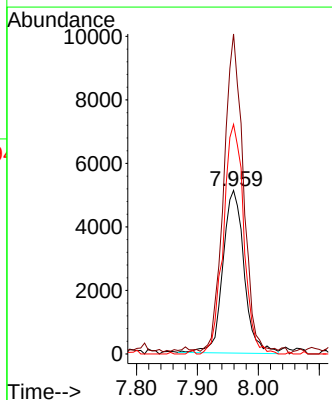
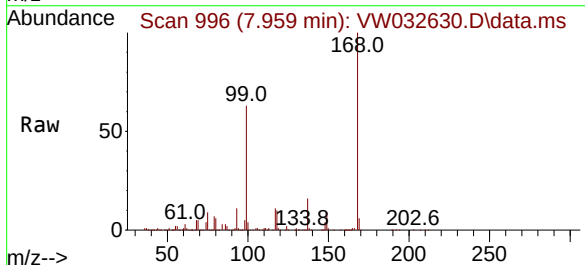
Instrument :
MSVOA_W
ClientSampleId :
TP-13

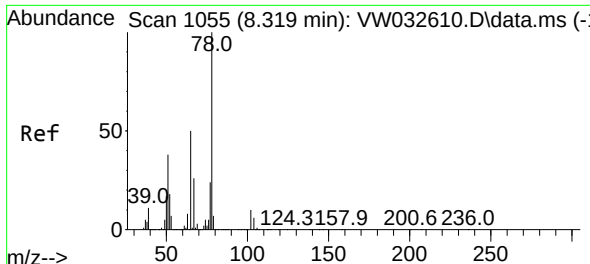
Tgt Ion:	84	Resp:	16439
Ion	Ratio	Lower	Upper
84	100		
49	112.1	106.9	160.3
51	33.7	31.4	47.2
86	57.1	51.1	76.7



#31
Cyclohexane
Concen: 1.083 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032630.D
Acq: 11 Dec 2025 14:16

Tgt Ion:	56	Resp:	12423
Ion	Ratio	Lower	Upper
56	100		
69	196.9	26.2	39.2#
84	142.8	68.9	103.3#

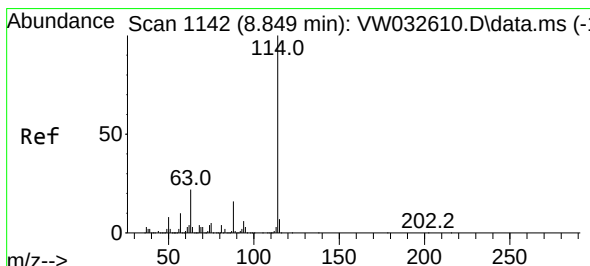
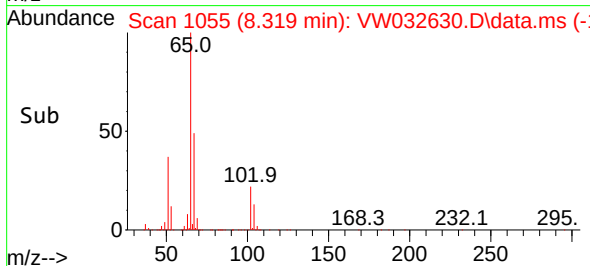
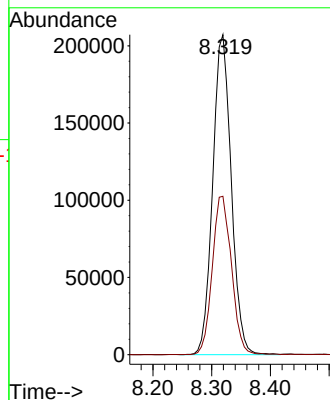
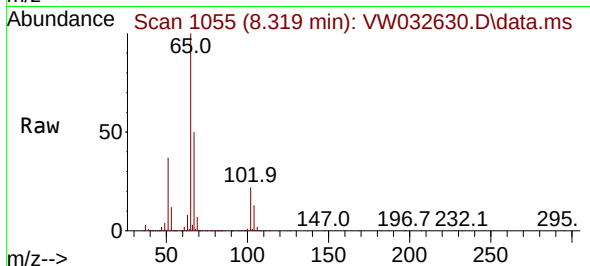




#33
 1,2-Dichloroethane-d4
 Concen: 59.920 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032630.D
 Acq: 11 Dec 2025 14:16

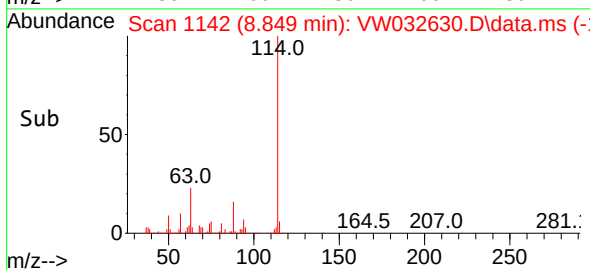
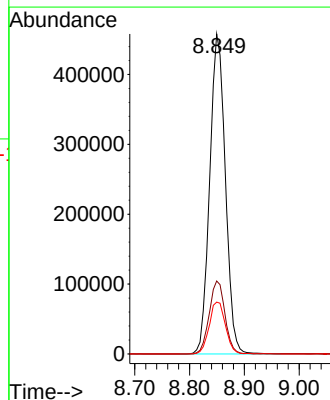
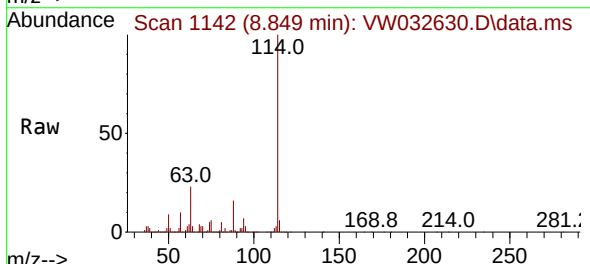
Instrument :
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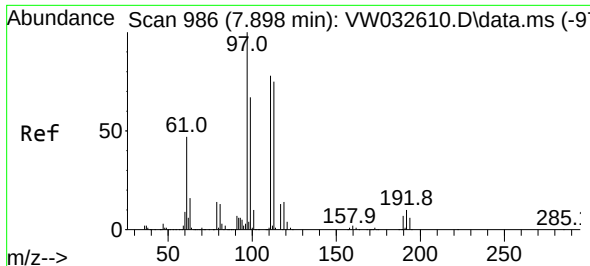
Tgt Ion: 65 Resp: 454011
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032630.D
 Acq: 11 Dec 2025 14:16

Tgt Ion: 114 Resp: 906477
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.6
 88 16.2 0.0 31.8

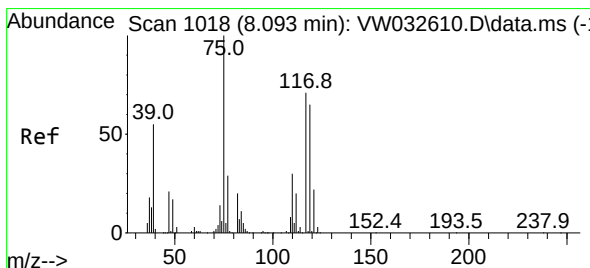
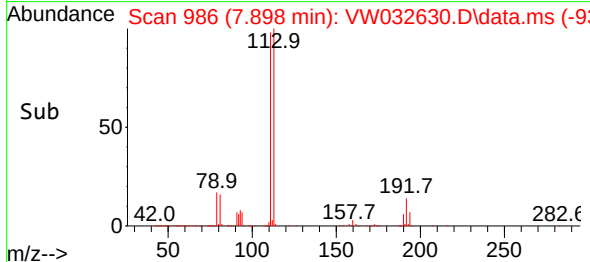
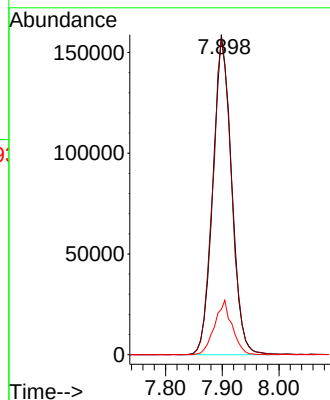
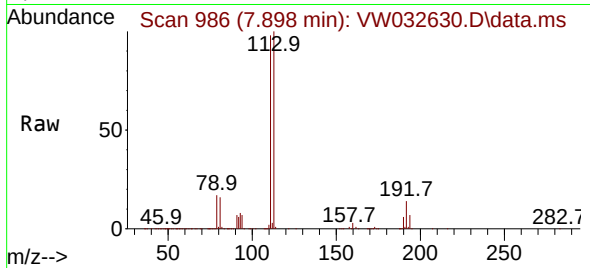




#35
Dibromofluoromethane
Concen: 55.754 ug/l
RT: 7.898 min Scan# 911
Delta R.T. 0.000 min
Lab File: VW032630.D
Acq: 11 Dec 2025 14:16

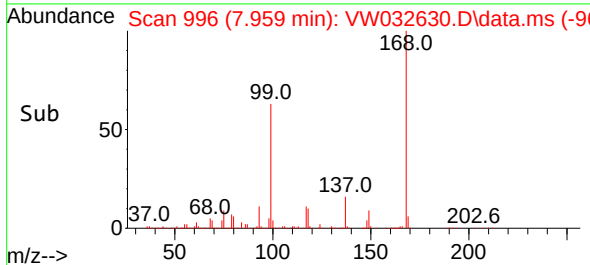
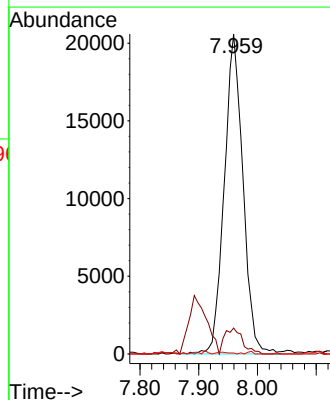
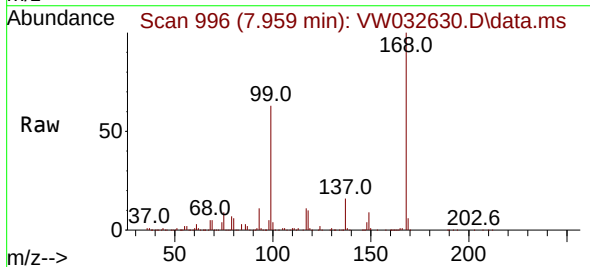
Instrument :
MSVOA_W
ClientSampleId :
TP-13

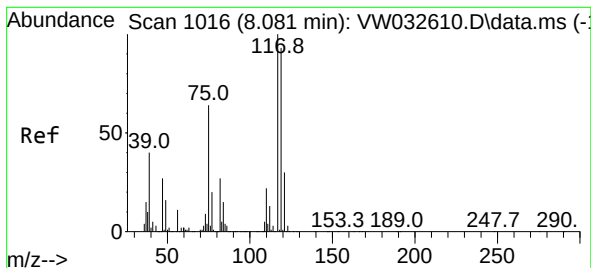
Tgt Ion:113 Resp: 362821
Ion Ratio Lower Upper
113 100
111 99.8 85.2 127.8
192 16.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.870 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.134 min
Lab File: VW032630.D
Acq: 11 Dec 2025 14:16

Tgt Ion: 75 Resp: 45451
Ion Ratio Lower Upper
75 100
110 7.8 16.3 48.9#
77 0.4 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.083 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW032630.D

Acq: 11 Dec 2025 14:16

Instrument :

MSVOA_W

ClientSampleId :

TP-13

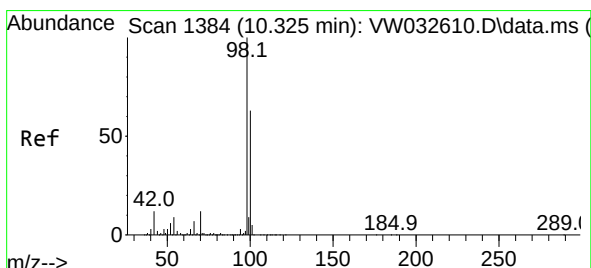
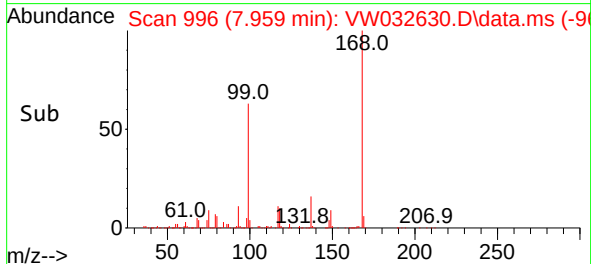
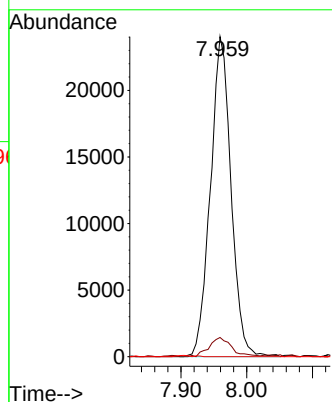
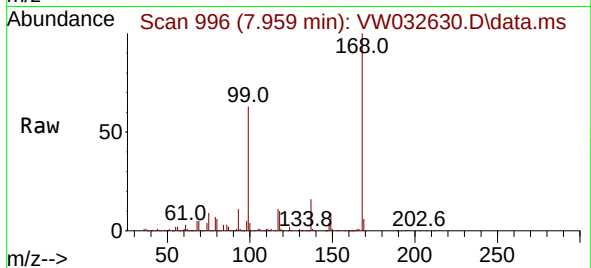
Tgt Ion:117 Resp: 52511

Ion Ratio Lower Upper

117 100

119 6.0 74.3 111.5#

121 0.0 23.6 35.4#



#50

Toluene-d8

Concen: 55.853 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032630.D

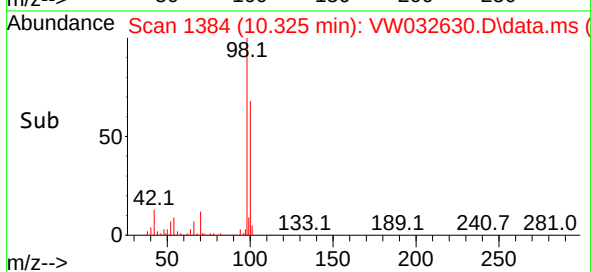
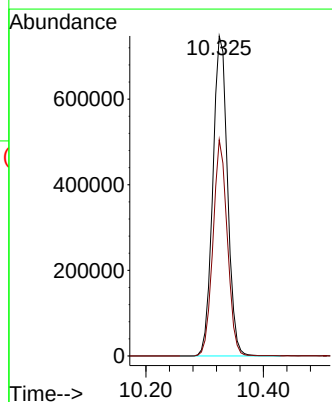
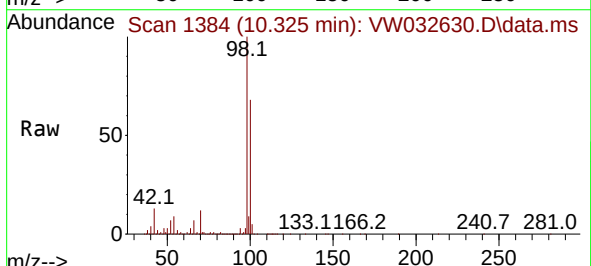
Acq: 11 Dec 2025 14:16

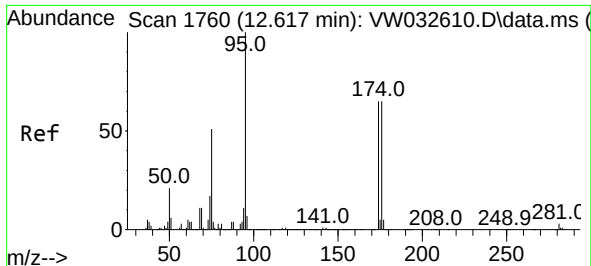
Tgt Ion: 98 Resp: 1299346

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2

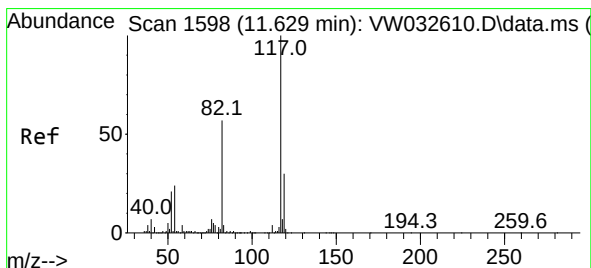
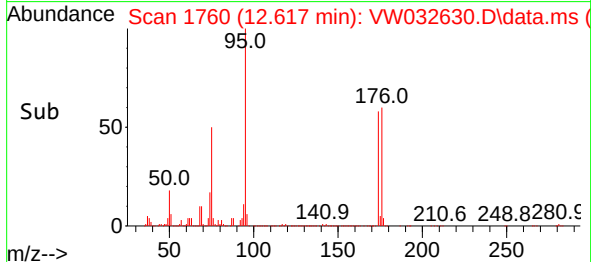
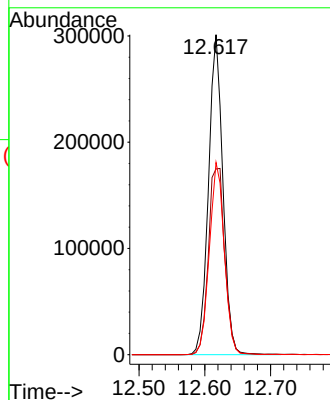
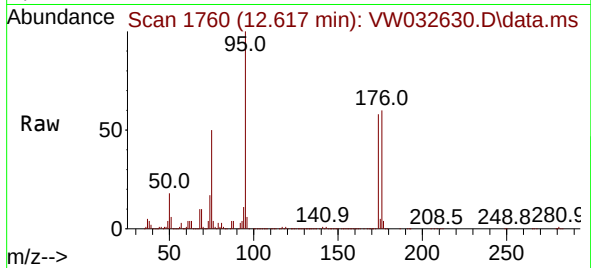




#62
4-Bromofluorobenzene
Concen: 53.749 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032630.D
Acq: 11 Dec 2025 14:16

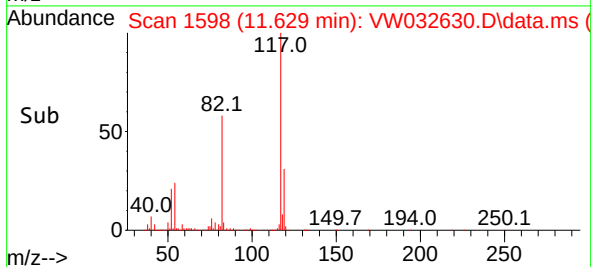
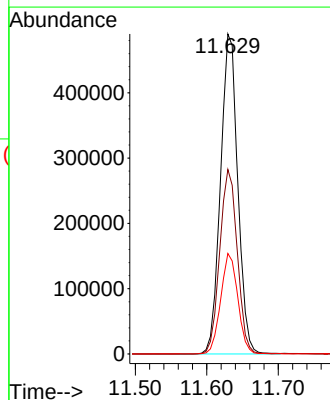
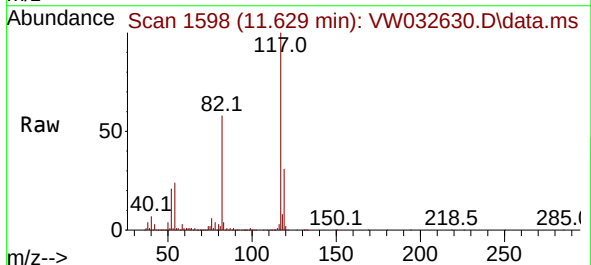
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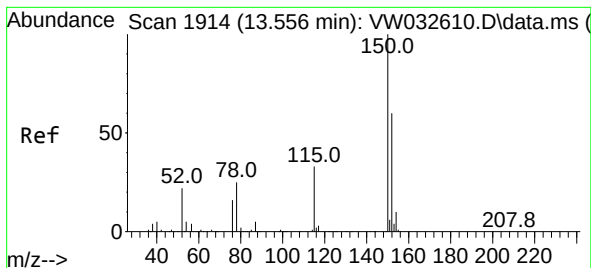
Tgt Ion: 95 Resp: 459080
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.0
176 62.3 0.0 123.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW032630.D
Acq: 11 Dec 2025 14:16

Tgt Ion: 117 Resp: 820426
Ion Ratio Lower Upper
117 100
82 57.6 45.5 68.3
119 31.4 23.8 35.8

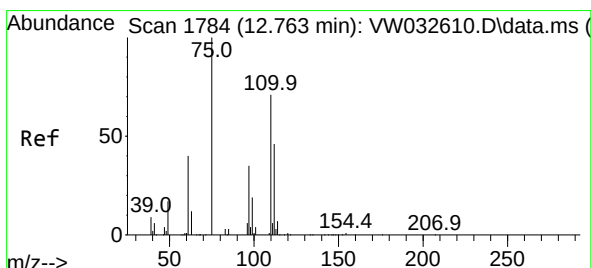
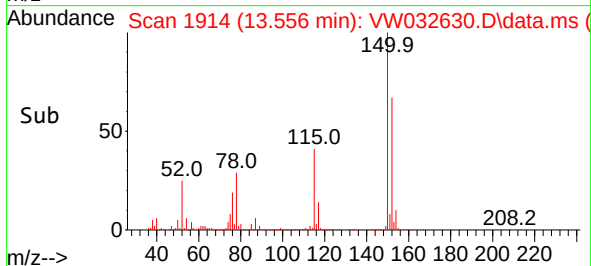
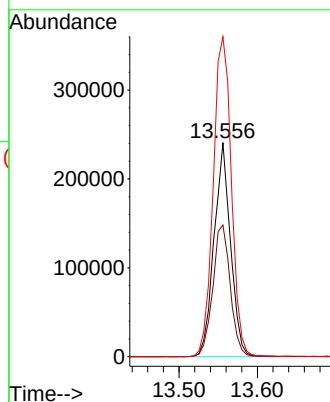
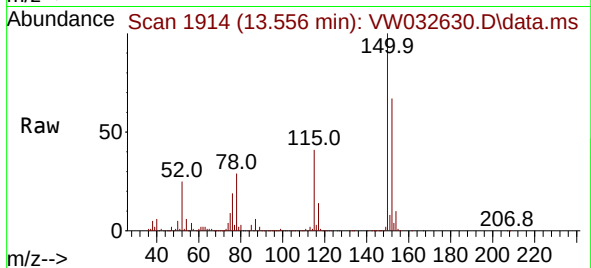




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032630.D
Acq: 11 Dec 2025 14:16

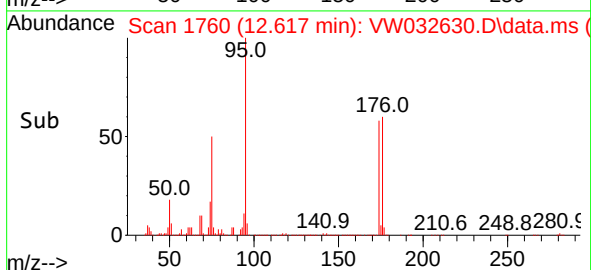
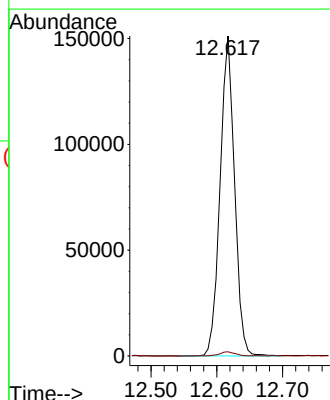
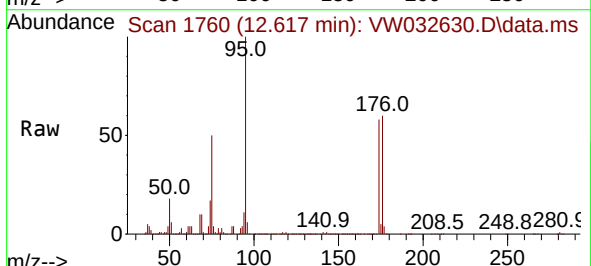
Instrument :
MSVOA_W
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TP-13

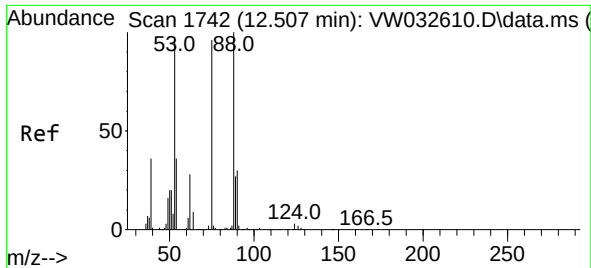
Tgt Ion:152 Resp: 352212
Ion Ratio Lower Upper
152 100
115 65.6 33.8 101.3
150 164.5 0.0 369.4



#76
1,2,3-Trichloropropane
Concen: 49.010 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW032630.D
Acq: 11 Dec 2025 14:16

Tgt Ion: 75 Resp: 231637
Ion Ratio Lower Upper
75 100
77 1.4 154.0 462.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.648 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VW032630.D
 Acq: 11 Dec 2025 14:16

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-13

Tgt Ion: 75 Resp: 231637
 Ion Ratio Lower Upper
 75 100
 53 0.2 86.1 129.1#
 89 0.1 37.4 56.2#

