

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032626.D
 Acq On : 11 Dec 2025 12:49
 Operator : SY/MD
 Sample : Q3814-09
 Misc : 3.99g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-9

Quant Time: Dec 12 00:42:53 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)

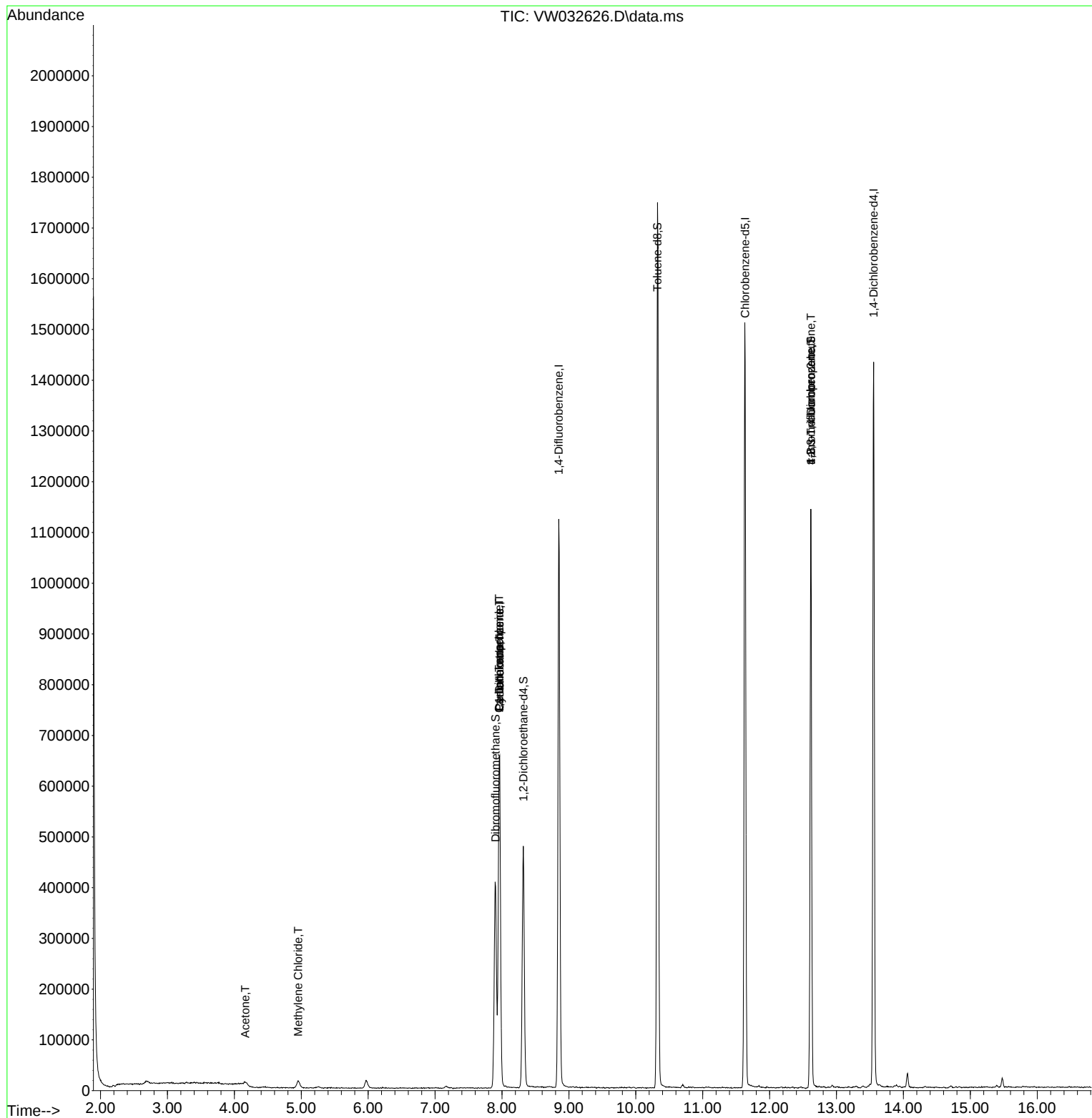
Internal Standards							
1) Pentafluorobenzene		7.965	168	469261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.849	114	904168	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.635	117	811200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.556	152	351612	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.319	65	380047	51.405	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	102.800%	
35) Dibromofluoromethane		7.904	113	298105	46.507	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	93.020%	
50) Toluene-d8		10.325	98	1124622	48.466	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	96.940%	
62) 4-Bromofluorobenzene		12.617	95	388774	45.634	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	91.260%	
Target Compounds							
16) Acetone		4.161	43	7407	3.013	ug/l	100
20) Methylene Chloride		4.954	84	11977	1.596	ug/l	85
31) Cyclohexane		7.965	56	12738	1.127	ug/l #	1
36) 1,1-Dichloropropene		7.959	75	45462	4.884	ug/l #	51
38) Carbon Tetrachloride		7.959	117	51602	5.993	ug/l #	18
58) 2-Chloroethyl Vinyl ether		10.093	63	90	Below Cal		96
76) 1,2,3-Trichloropropane		12.617	75	201512	42.709	ug/l #	1
81) trans-1,4-Dichloro-2-b...		12.617	75	201512	89.846	ug/l #	7
95) Naphthalene		15.360	128	971	Below Cal	#	84

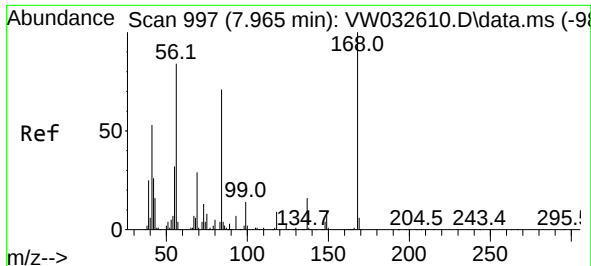
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
Data File : VW032626.D
Acq On : 11 Dec 2025 12:49
Operator : SY/MD
Sample : Q3814-09
Misc : 3.99g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Dec 12 00:42:53 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

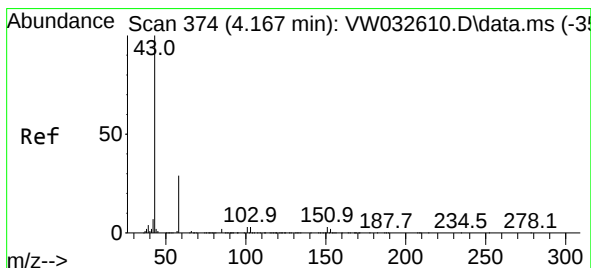
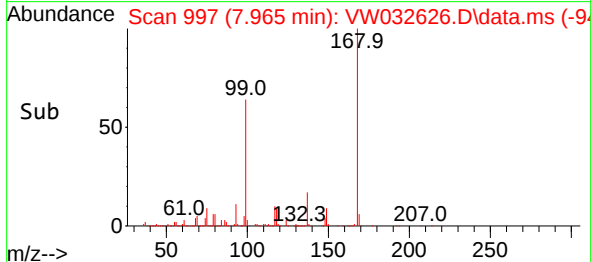
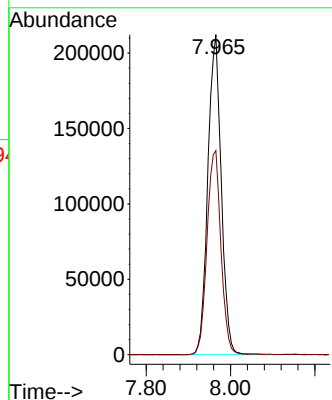
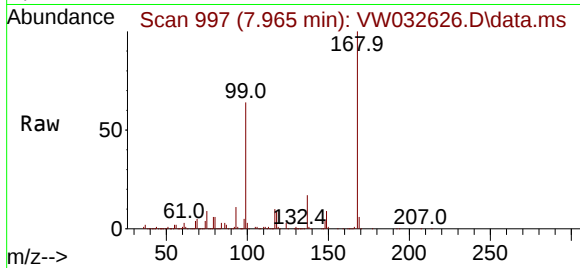




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032626.D
Acq: 11 Dec 2025 12:49

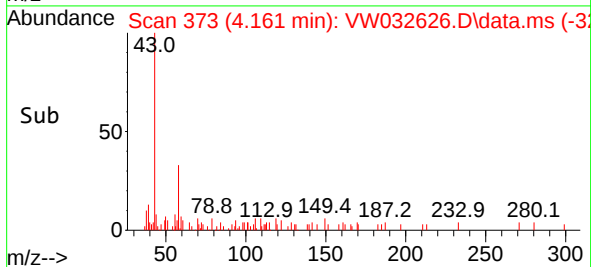
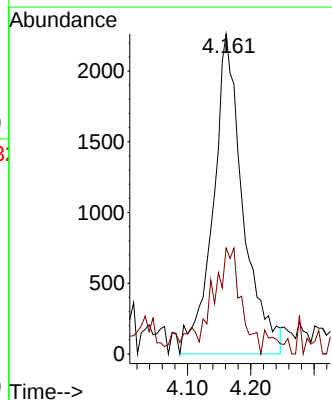
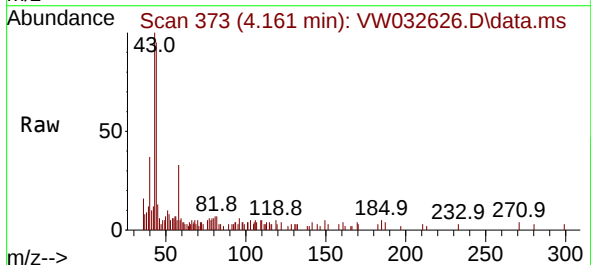
Instrument :
MSVOA_W
ClientSampleId :
TP-9

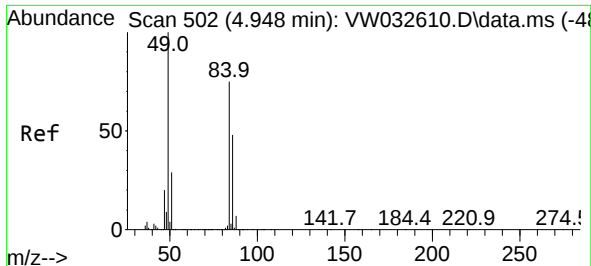
Tgt Ion:168 Resp: 469261
Ion Ratio Lower Upper
168 100
99 63.8 47.8 71.8



#16
Acetone
Concen: 3.013 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW032626.D
Acq: 11 Dec 2025 12:49

Tgt Ion: 43 Resp: 7407
Ion Ratio Lower Upper
43 100
58 29.9 23.9 35.9



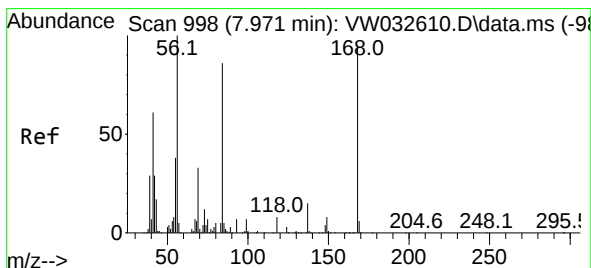
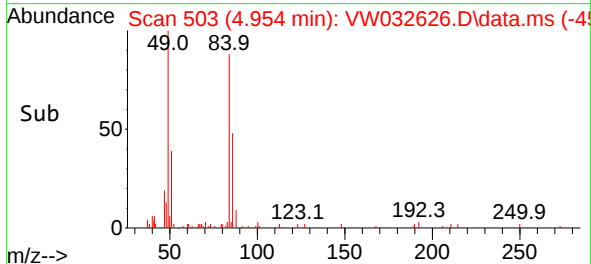
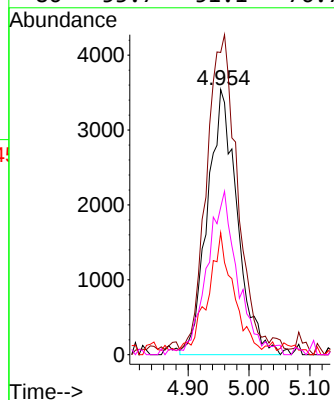
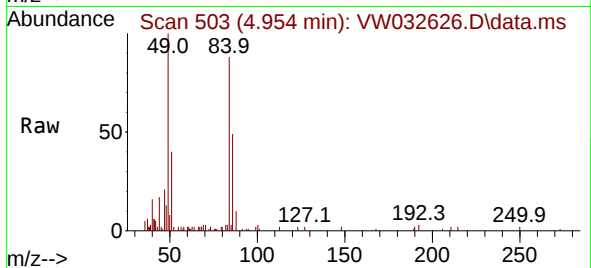


#20
Methylene Chloride
Concen: 1.596 ug/l
RT: 4.954 min Scan# 502
Delta R.T. 0.006 min
Lab File: VW032626.D
Acq: 11 Dec 2025 12:49

Instrument :
MSVOA_W
ClientSampleId :
TP-9

Tgt Ion: 84 Resp: 11977

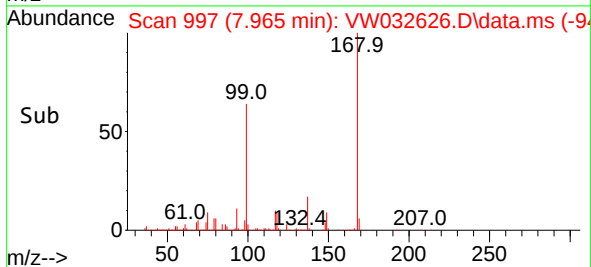
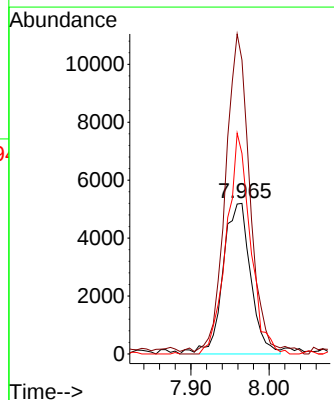
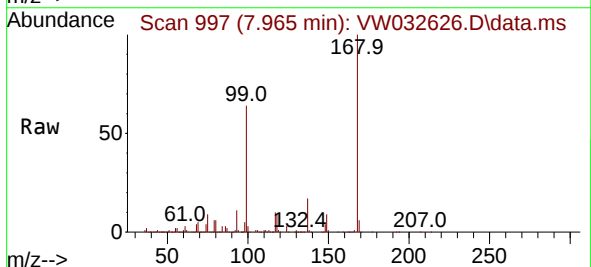
Ion	Ratio	Lower	Upper
84	100		
49	112.1	106.9	160.3
51	43.6	31.4	47.2
86	53.7	51.1	76.7

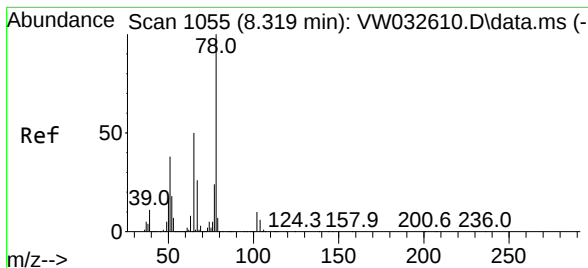


#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032626.D
Acq: 11 Dec 2025 12:49

Tgt Ion: 56 Resp: 12738

Ion	Ratio	Lower	Upper
56	100		
69	193.4	26.2	39.2#
84	133.1	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 51.405 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032626.D

Acq: 11 Dec 2025 12:49

Instrument :

MSVOA_W

ClientSampleId :

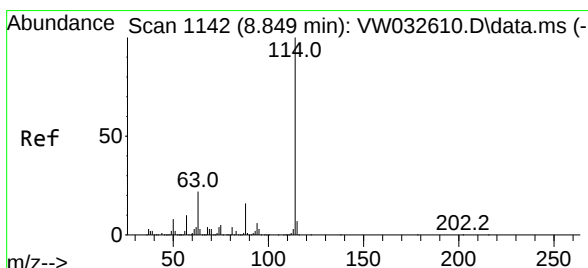
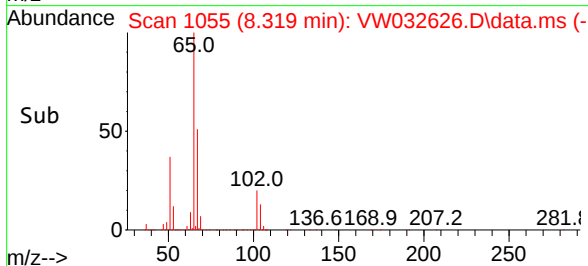
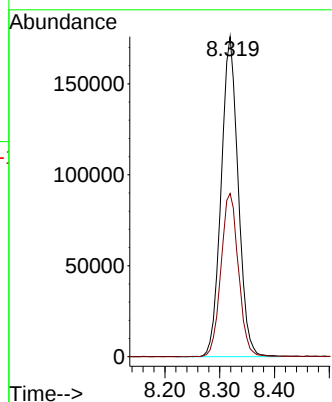
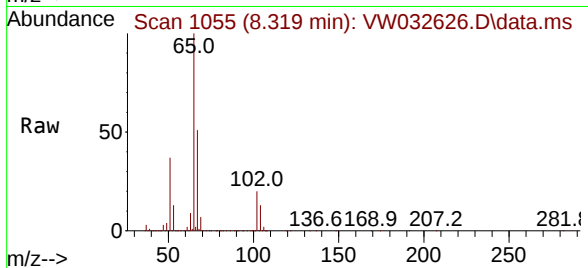
TP-9

Tgt Ion: 65 Resp: 380047

Ion Ratio Lower Upper

65 100

67 52.4 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: VW032626.D

Acq: 11 Dec 2025 12:49

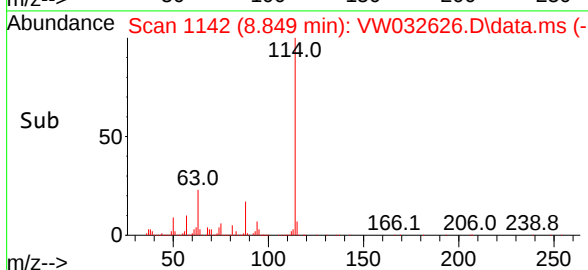
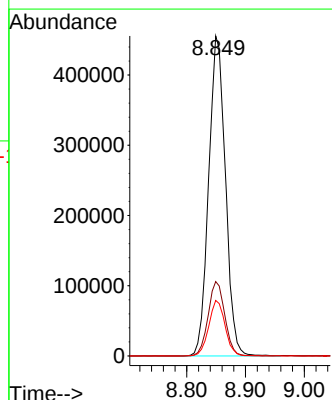
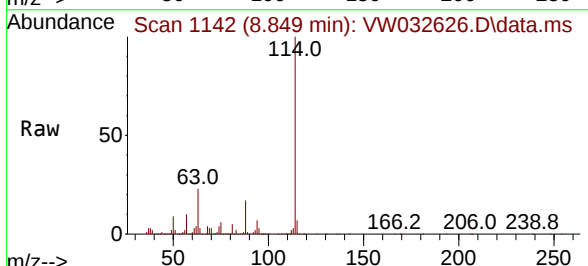
Tgt Ion: 114 Resp: 904168

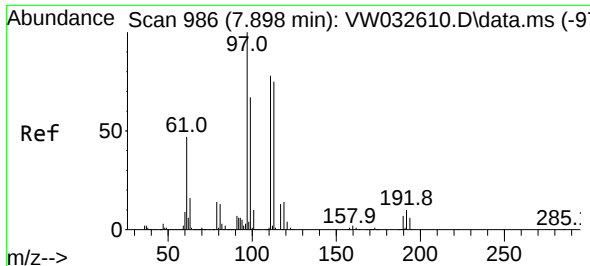
Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.6

88 17.4 0.0 31.8

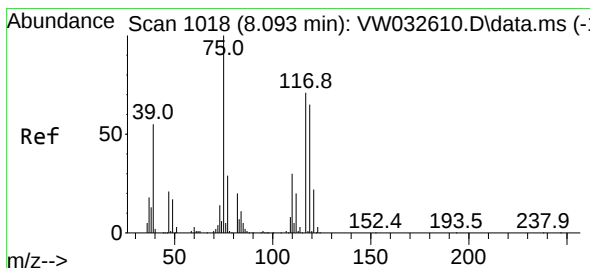
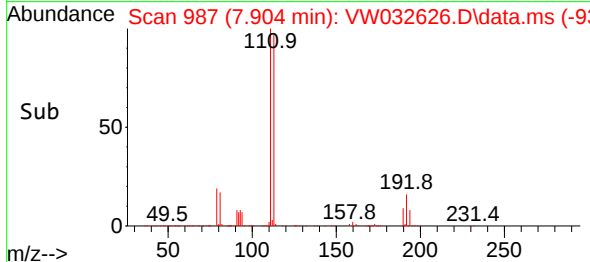
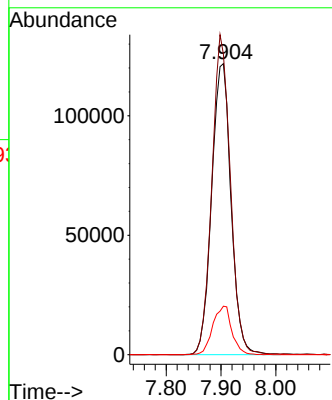
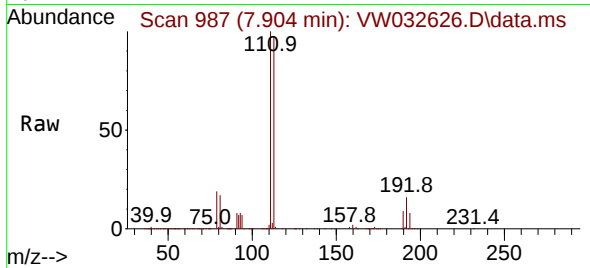




#35
Dibromofluoromethane
Concen: 46.507 ug/l
RT: 7.904 min Scan# 911
Delta R.T. 0.006 min
Lab File: VW032626.D
Acq: 11 Dec 2025 12:49

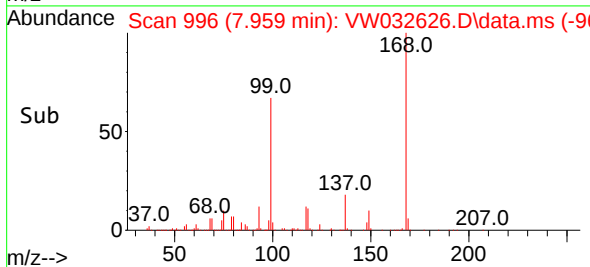
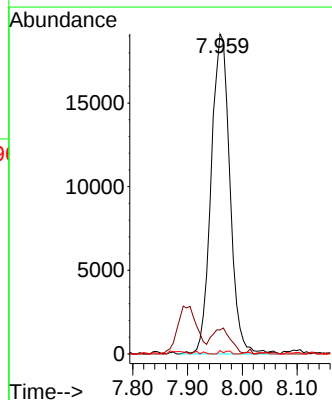
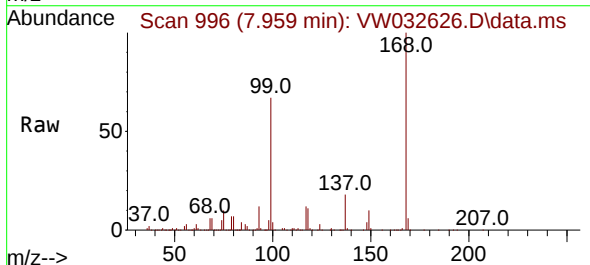
Instrument :
MSVOA_W
ClientSampleId :
TP-9

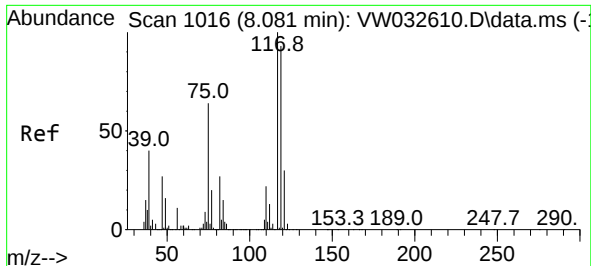
Tgt Ion:113 Resp: 298105
Ion Ratio Lower Upper
113 100
111 105.1 85.2 127.8
192 16.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.884 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.134 min
Lab File: VW032626.D
Acq: 11 Dec 2025 12:49

Tgt Ion: 75 Resp: 45462
Ion Ratio Lower Upper
75 100
110 8.0 16.3 48.9#
77 0.5 24.6 37.0#

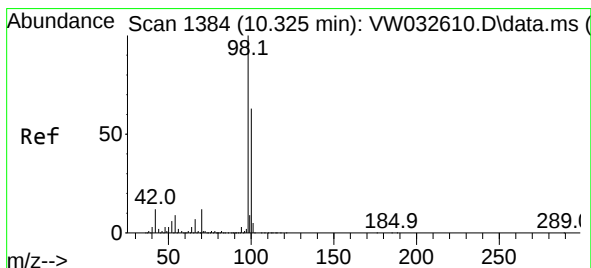
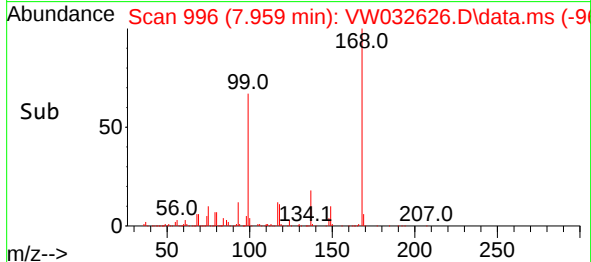
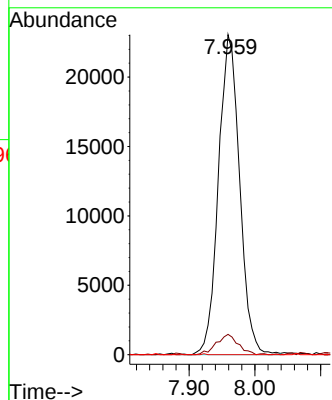
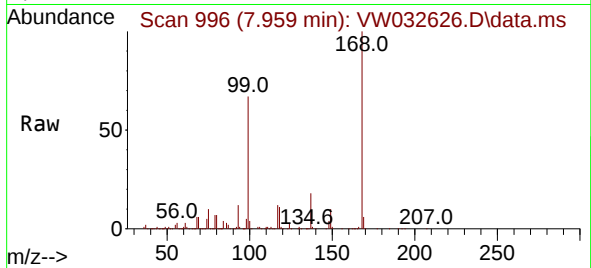




#38
Carbon Tetrachloride
Concen: 5.993 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.122 min
Lab File: VW032626.D
Acq: 11 Dec 2025 12:49

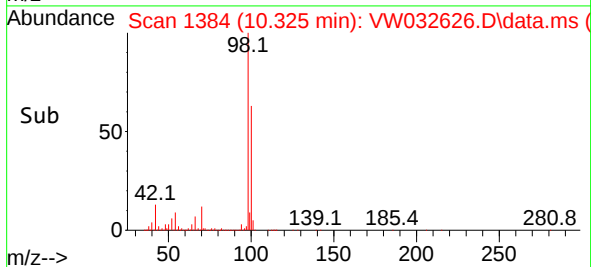
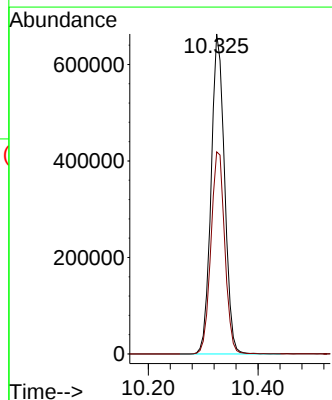
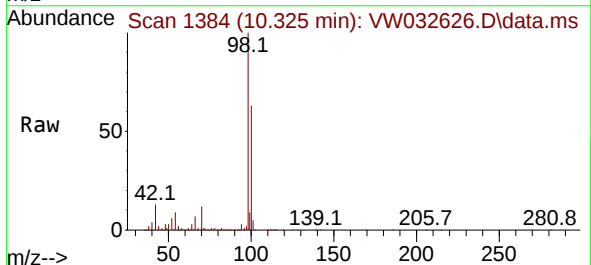
Instrument :
MSVOA_W
ClientSampleId :
TP-9

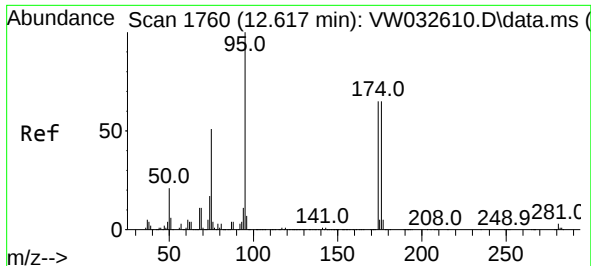
Tgt Ion:117 Resp: 51602
Ion Ratio Lower Upper
117 100
119 6.4 74.3 111.5#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 48.466 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032626.D
Acq: 11 Dec 2025 12:49

Tgt Ion: 98 Resp: 1124622
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2

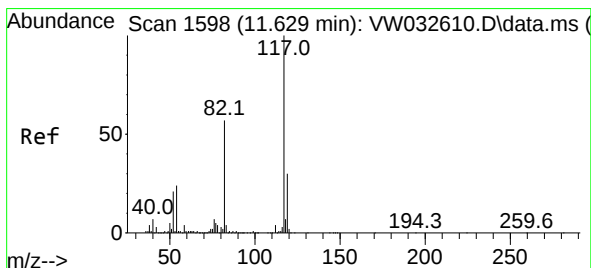
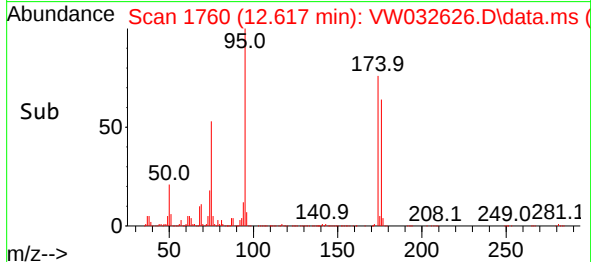
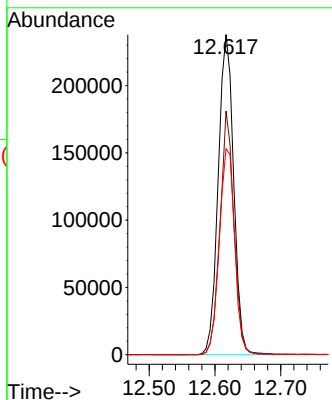
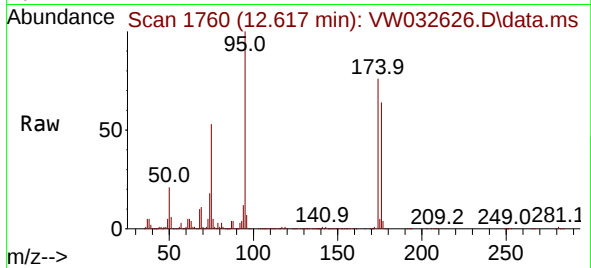




#62
4-Bromofluorobenzene
Concen: 45.634 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032626.D
Acq: 11 Dec 2025 12:49

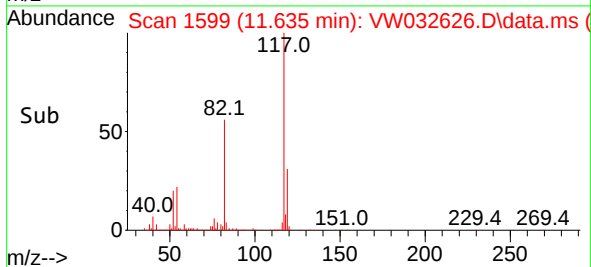
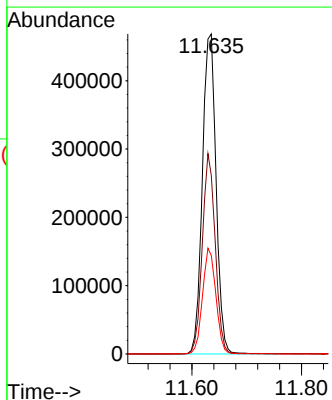
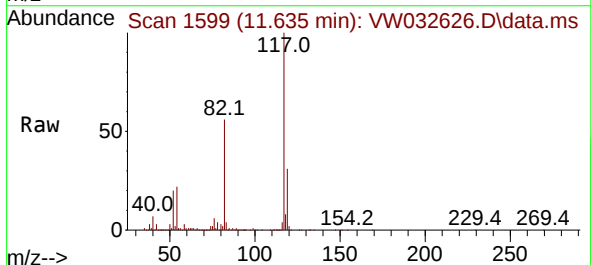
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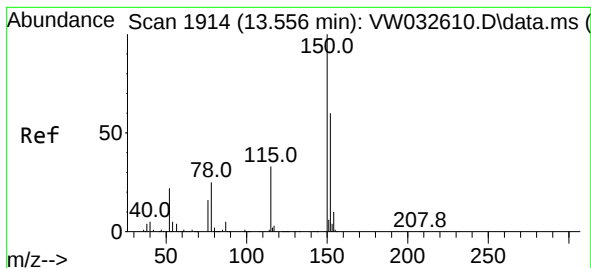
Tgt Ion: 95 Resp: 388774
Ion Ratio Lower Upper
95 100
174 69.1 0.0 135.0
176 64.2 0.0 123.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032626.D
Acq: 11 Dec 2025 12:49

Tgt Ion: 117 Resp: 811200
Ion Ratio Lower Upper
117 100
82 55.7 45.5 68.3
119 30.7 23.8 35.8

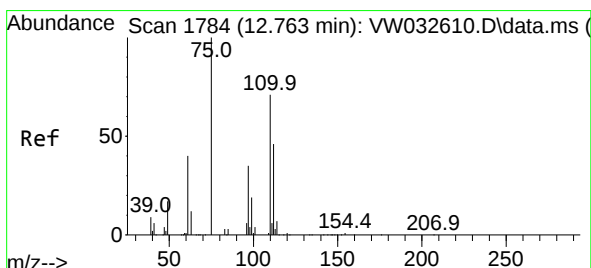
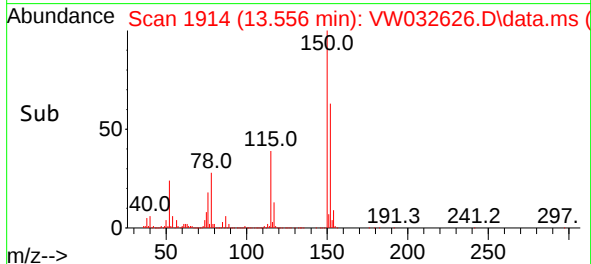
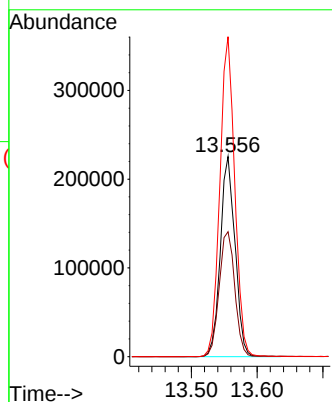
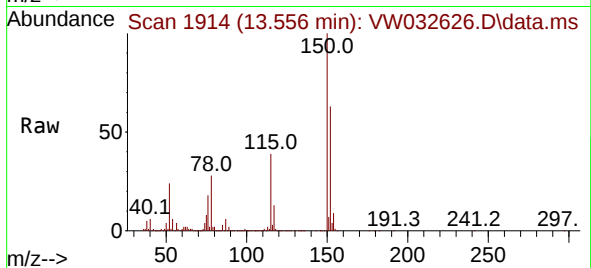




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032626.D
Acq: 11 Dec 2025 12:49

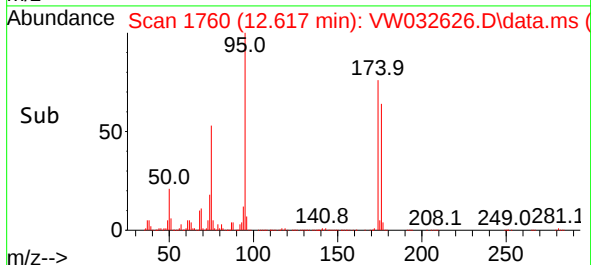
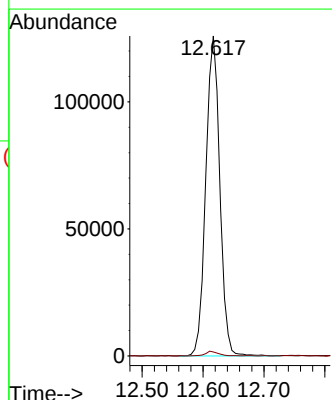
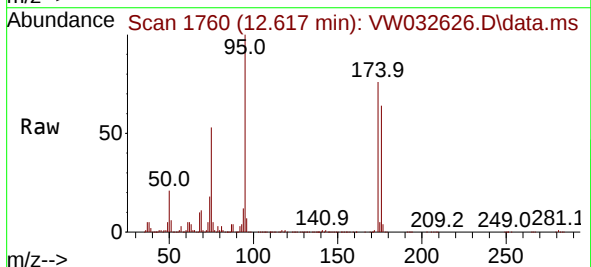
Instrument :
MSVOA_W
ClientSampleId :
TP-9

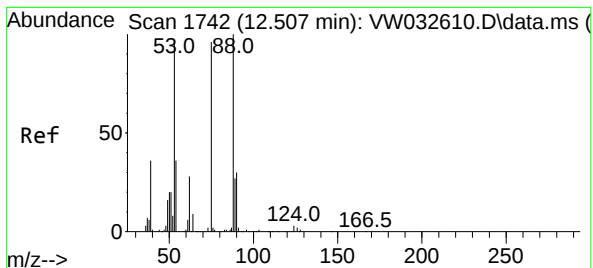
Tgt Ion:152 Resp: 351612
Ion Ratio Lower Upper
152 100
115 66.2 33.8 101.3
150 161.9 0.0 369.4



#76
1,2,3-Trichloropropane
Concen: 42.709 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW032626.D
Acq: 11 Dec 2025 12:49

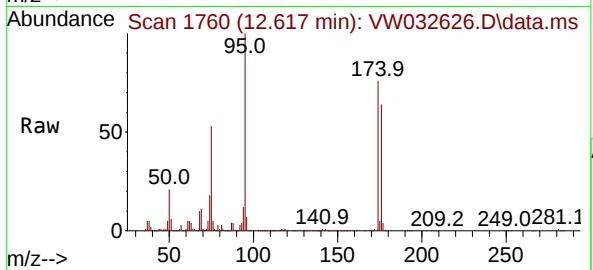
Tgt Ion: 75 Resp: 201512
Ion Ratio Lower Upper
75 100
77 1.4 154.0 462.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.846 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VW032626.D
 Acq: 11 Dec 2025 12:49

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-9



Tgt Ion: 75 Resp: 201512
 Ion Ratio Lower Upper
 75 100
 53 0.4 86.1 129.1#
 89 0.1 37.4 56.2#

