

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032064.D
 Acq On : 11 Aug 2025 14:22
 Operator : SY/MD
 Sample : Q2807-02
 Misc : 5.62g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COMP-5

Quant Time: Aug 12 04:25:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

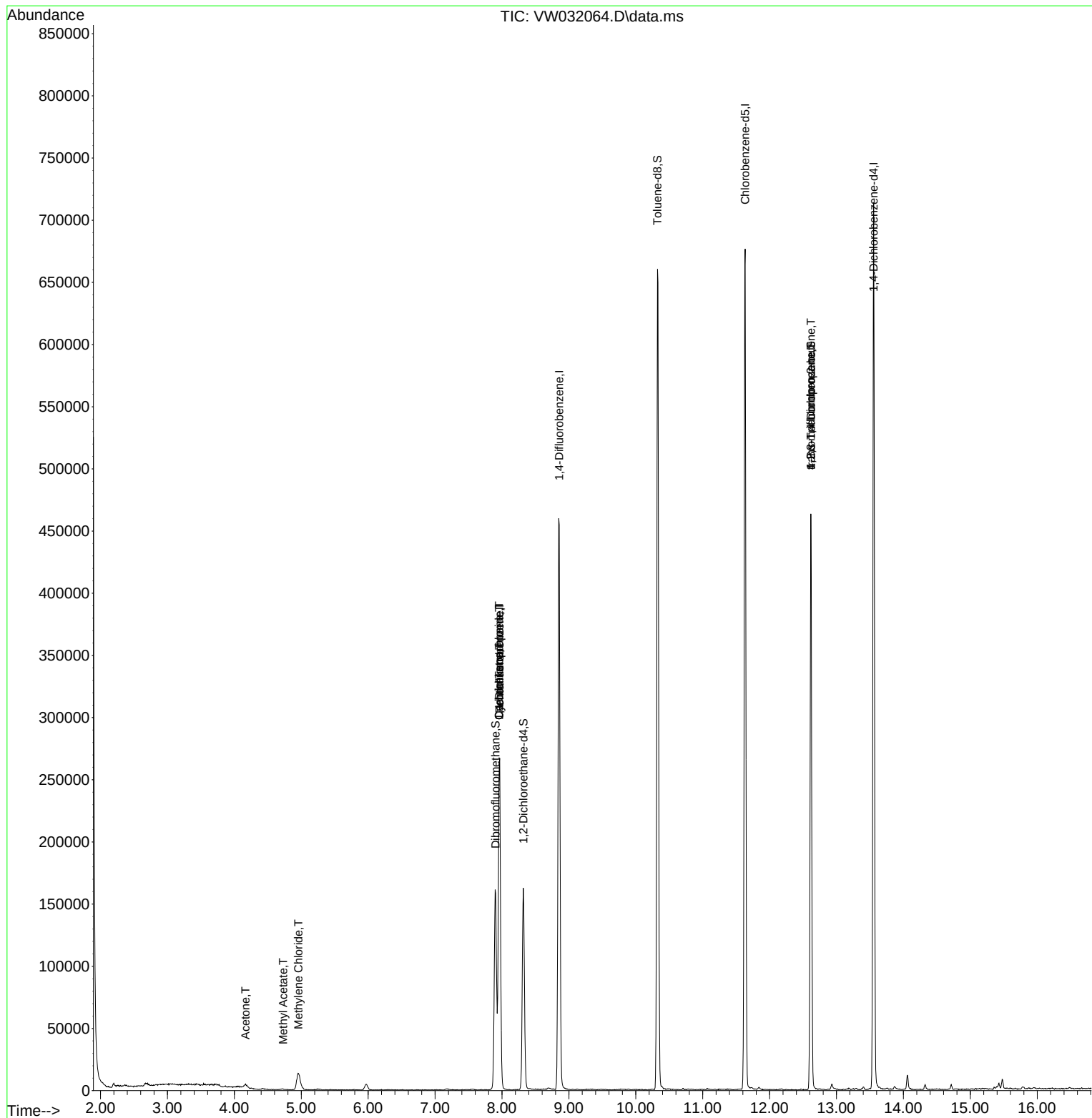
Internal Standards						
1) Pentafluorobenzene	7.965	168	187413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	390308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	377426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	181852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	133583	49.283	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	98.560%	
35) Dibromofluoromethane	7.904	113	122232	48.475	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	96.960%	
50) Toluene-d8	10.325	98	449022	48.145	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	96.300%	
62) 4-Bromofluorobenzene	12.617	95	165931	48.279	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	96.560%	
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	3611	5.754	ug/l	95
18) Methyl Acetate	4.728	43	2051	1.033	ug/l #	75
20) Methylene Chloride	4.960	84	12941	4.460	ug/l	93
31) Cyclohexane	7.959	56	4600	1.191	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	17415	4.899	ug/l #	49
38) Carbon Tetrachloride	7.959	117	21860	6.372	ug/l #	19
76) 1,2,3-Trichloropropane	12.617	75	85948	34.823	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	85948	90.153	ug/l #	9

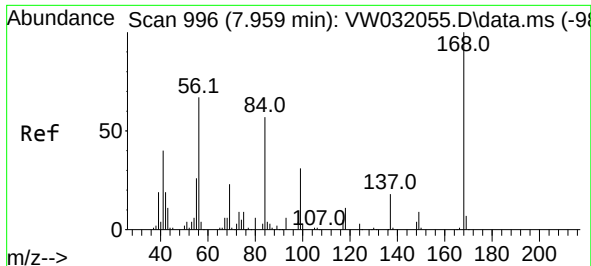
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
Data File : VW032064.D
Acq On : 11 Aug 2025 14:22
Operator : SY/MD
Sample : Q2807-02
Misc : 5.62g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COMP-5

Quant Time: Aug 12 04:25:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
Response via : Initial Calibration

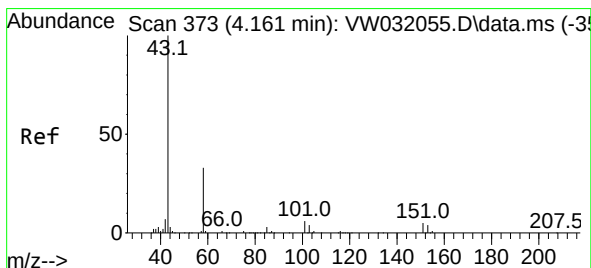
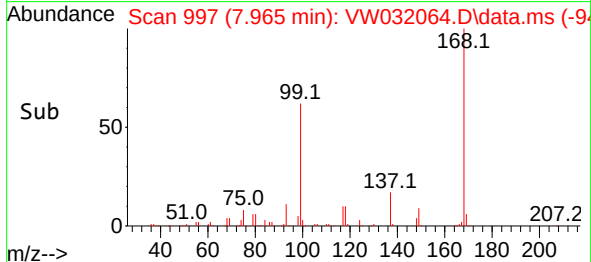
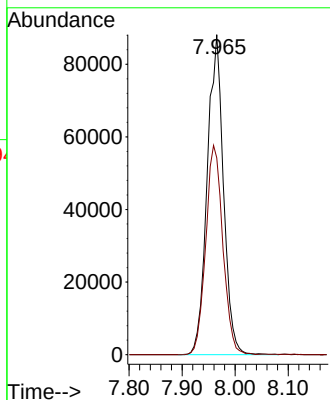
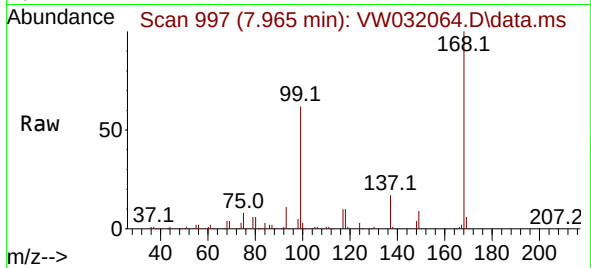




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW032064.D
Acq: 11 Aug 2025 14:22

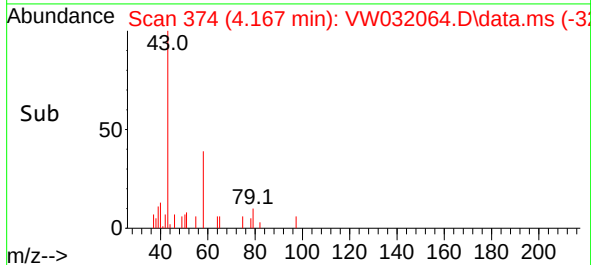
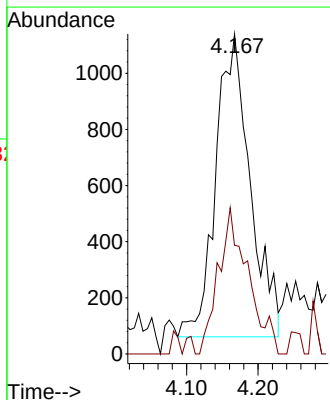
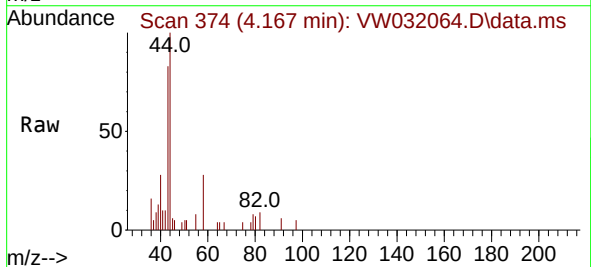
Instrument :
MSVOA_W
ClientSampleId :
COMP-5

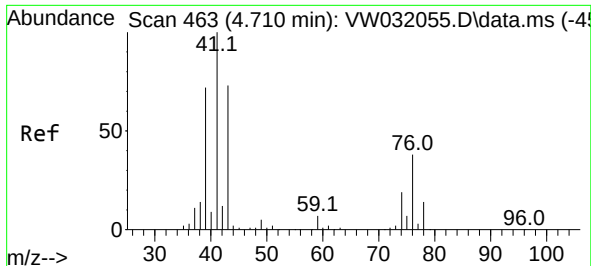
Tgt Ion:168 Resp: 187413
Ion Ratio Lower Upper
168 100
99 61.5 56.0 84.0



#16
Acetone
Concen: 5.754 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032064.D
Acq: 11 Aug 2025 14:22

Tgt Ion: 43 Resp: 3611
Ion Ratio Lower Upper
43 100
58 35.9 26.6 39.8

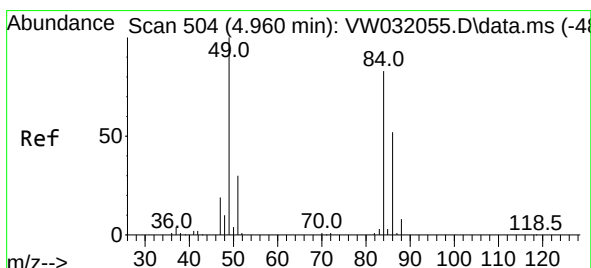
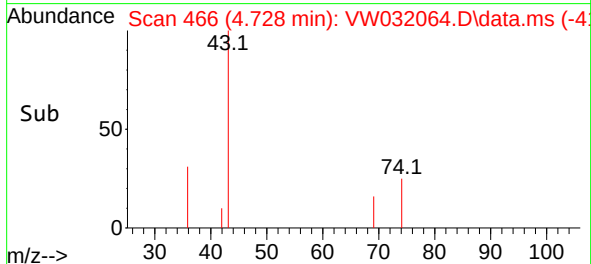
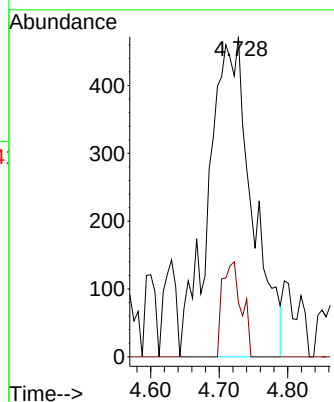
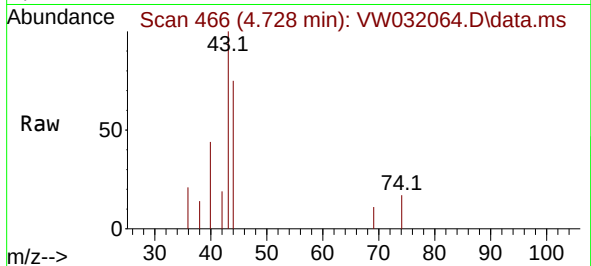




#18
Methyl Acetate
Concen: 1.033 ug/l
RT: 4.728 min Scan# 466
Delta R.T. 0.018 min
Lab File: VW032064.D
Acq: 11 Aug 2025 14:22

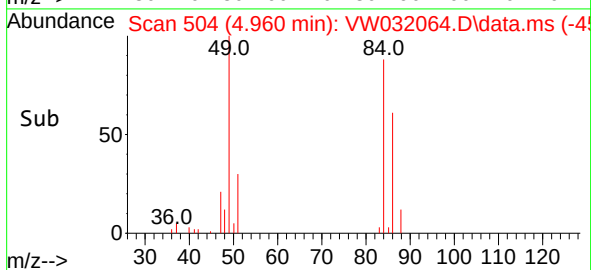
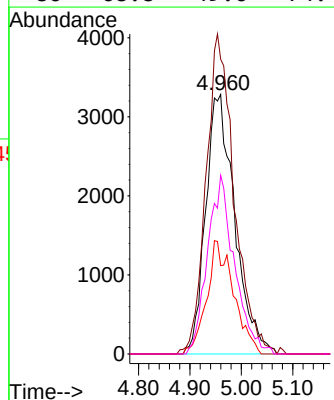
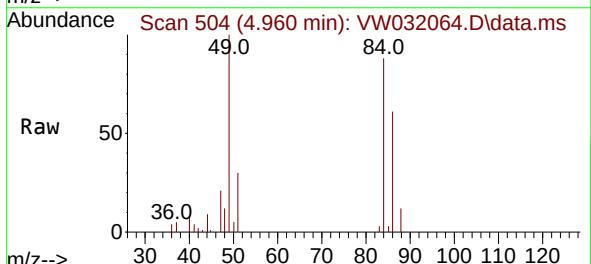
Instrument :
MSVOA_W
ClientSampleId :
COMP-5

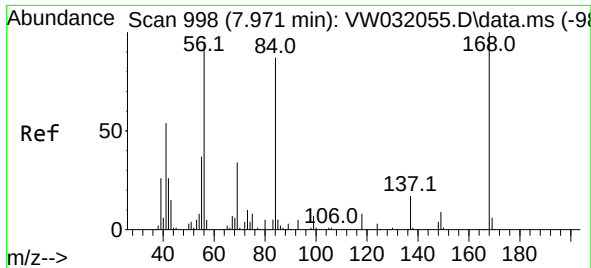
Tgt Ion: 43 Resp: 2051
Ion Ratio Lower Upper
43 100
74 13.0 20.6 31.0#



#20
Methylene Chloride
Concen: 4.460 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032064.D
Acq: 11 Aug 2025 14:22

Tgt Ion: 84 Resp: 12941
Ion Ratio Lower Upper
84 100
49 111.9 95.9 143.9
51 34.0 28.6 43.0
86 68.8 49.6 74.4

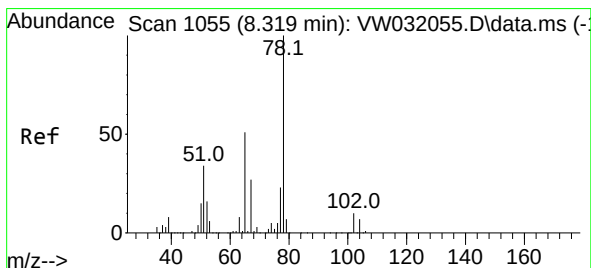
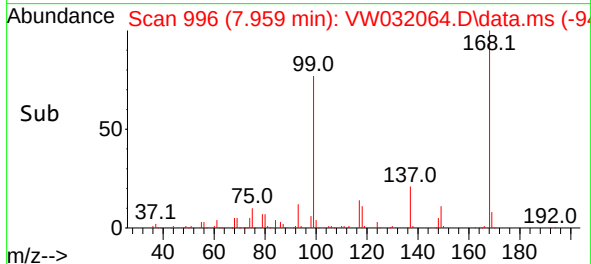
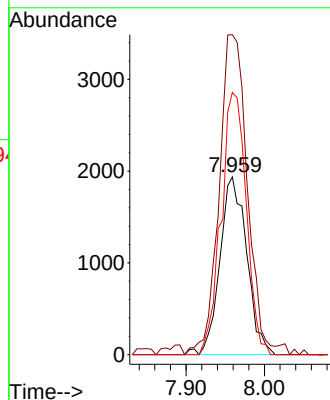
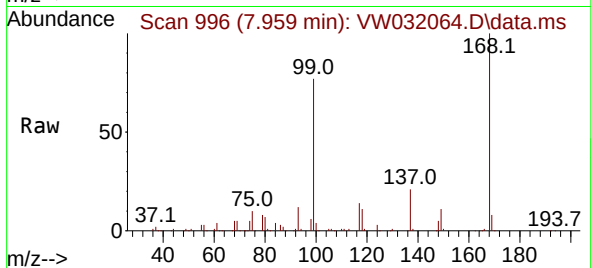




#31
Cyclohexane
Concen: 1.191 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032064.D
Acq: 11 Aug 2025 14:22

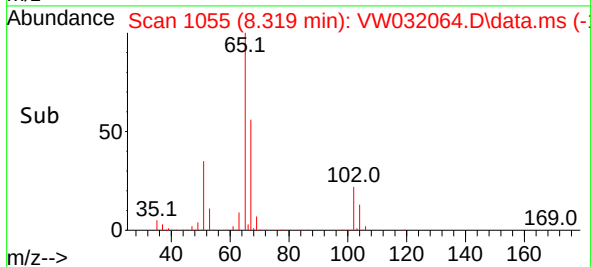
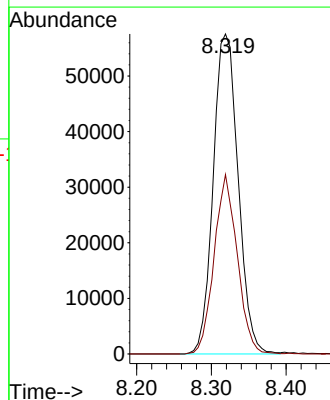
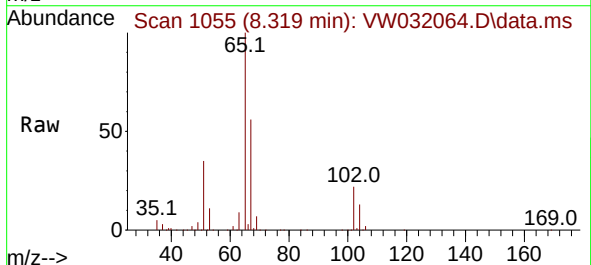
Instrument :
MSVOA_W
ClientSampleId :
COMP-5

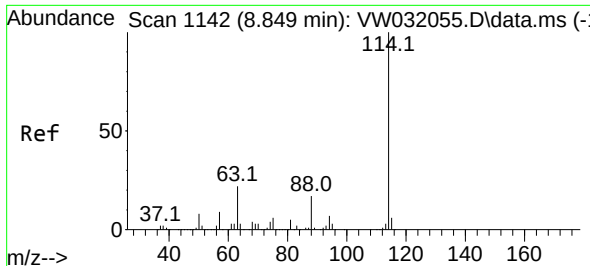
Tgt Ion: 56 Resp: 4600
Ion Ratio Lower Upper
56 100
69 174.8 28.6 42.8#
84 147.5 73.0 109.4#



#33
1,2-Dichloroethane-d4
Concen: 49.283 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032064.D
Acq: 11 Aug 2025 14:22

Tgt Ion: 65 Resp: 133583
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.4

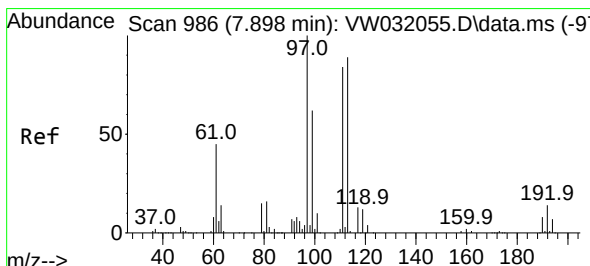
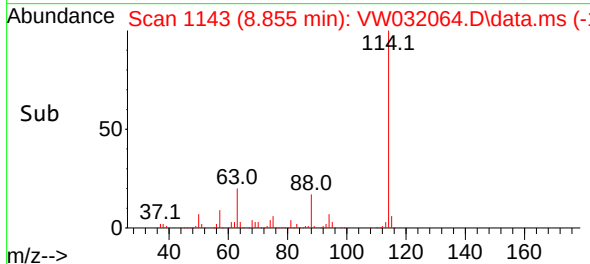
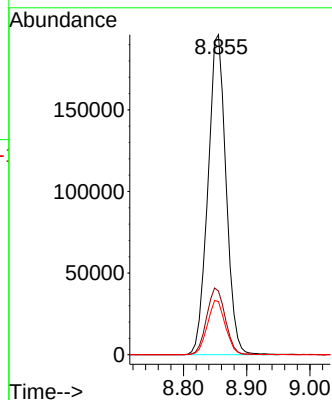
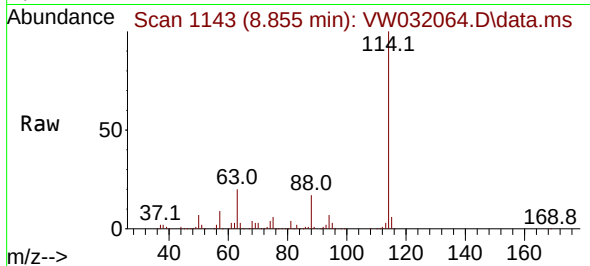




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW032064.D
Acq: 11 Aug 2025 14:22

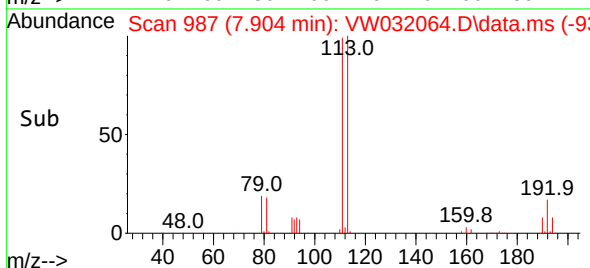
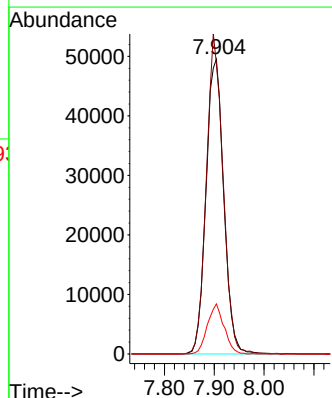
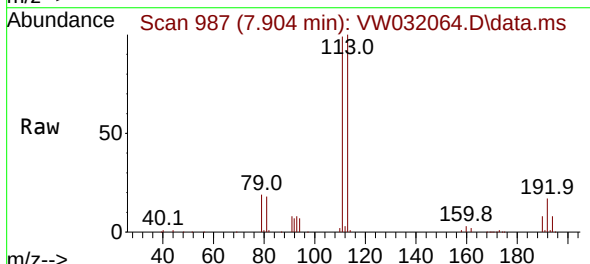
Instrument :
MSVOA_W
ClientSampleId :
COMP-5

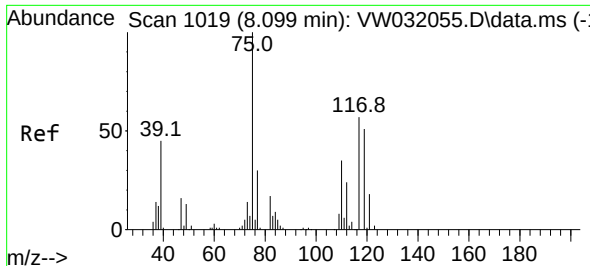
Tgt Ion:114 Resp: 390308
Ion Ratio Lower Upper
114 100
63 19.9 0.0 43.0
88 16.6 0.0 33.8



#35
Dibromofluoromethane
Concen: 48.475 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.006 min
Lab File: VW032064.D
Acq: 11 Aug 2025 14:22

Tgt Ion:113 Resp: 122232
Ion Ratio Lower Upper
113 100
111 102.2 80.1 120.1
192 16.0 13.1 19.7





#36

1,1-Dichloropropene

Concen: 4.899 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.140 min

Lab File: VW032064.D

Acq: 11 Aug 2025 14:22

Instrument :

MSVOA_W

ClientSampleId :

COMP-5

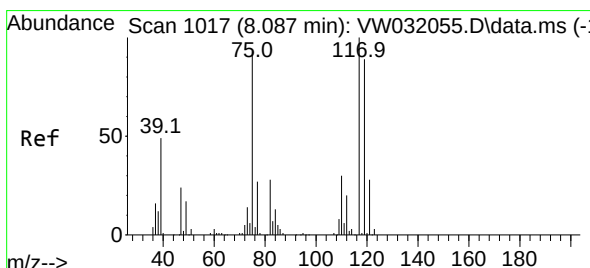
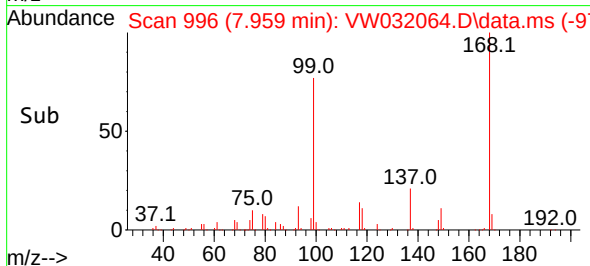
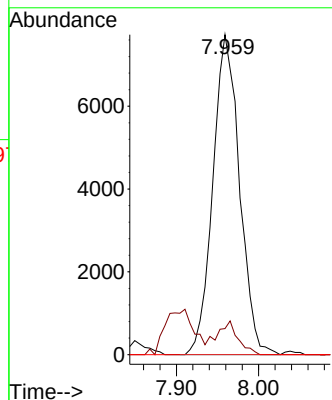
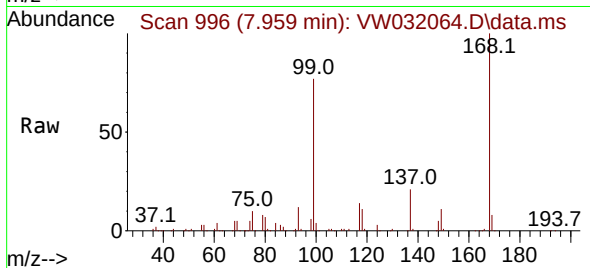
Tgt Ion: 75 Resp: 17415

Ion Ratio Lower Upper

75 100

110 8.5 17.4 52.2#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.372 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.128 min

Lab File: VW032064.D

Acq: 11 Aug 2025 14:22

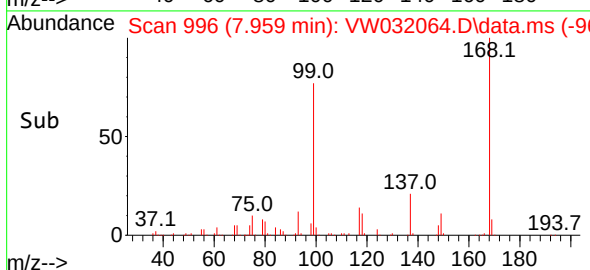
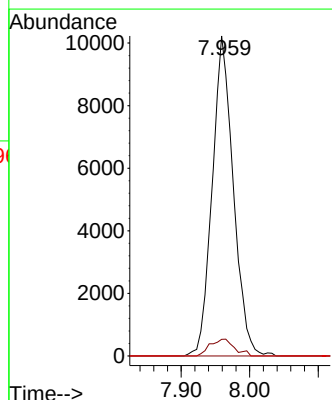
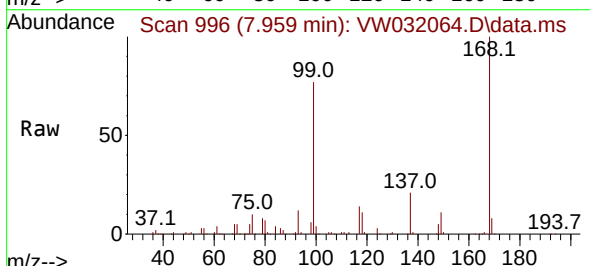
Tgt Ion: 117 Resp: 21860

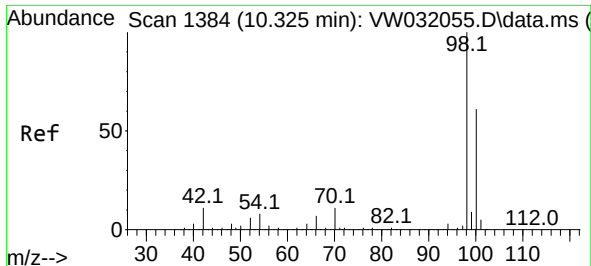
Ion Ratio Lower Upper

117 100

119 5.2 71.4 107.2#

121 0.0 22.3 33.5#

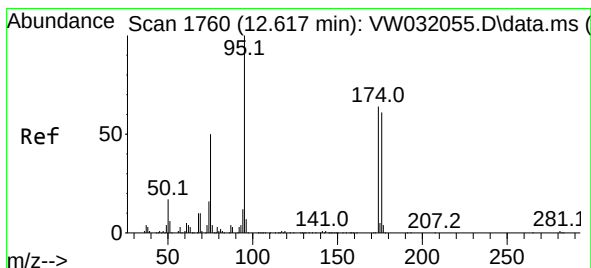
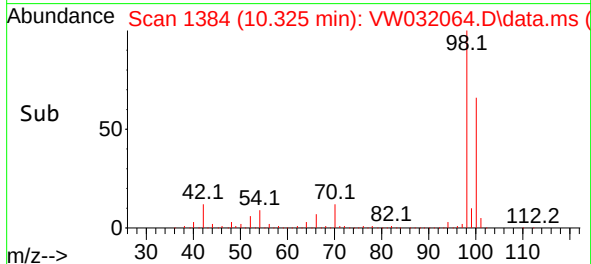
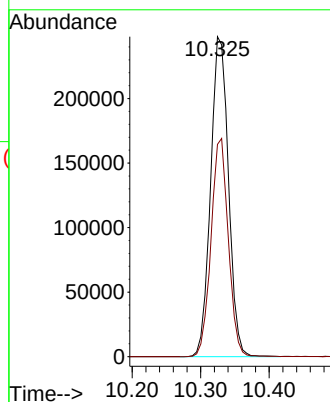
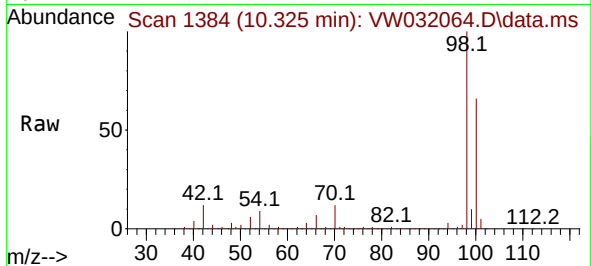




#50
Toluene-d8
Concen: 48.145 ug/l
RT: 10.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032064.D
Acq: 11 Aug 2025 14:22

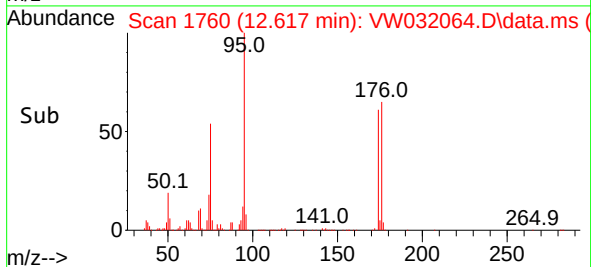
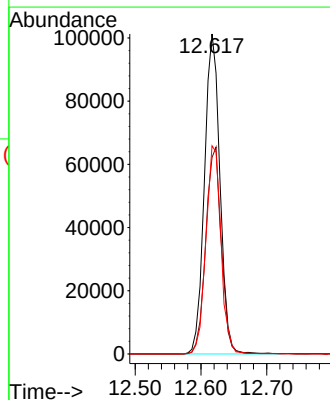
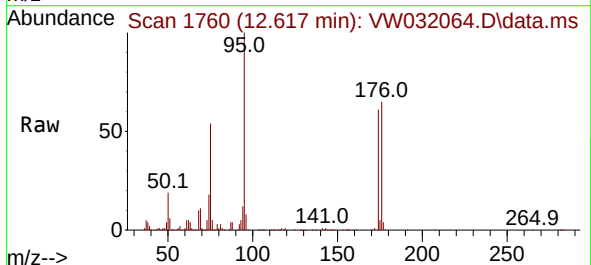
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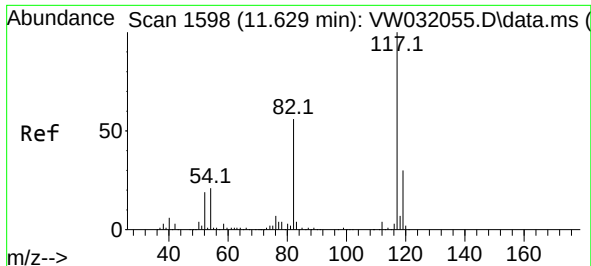
Tgt Ion: 98 Resp: 449022
Ion Ratio Lower Upper
98 100
100 66.1 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 48.279 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032064.D
Acq: 11 Aug 2025 14:22

Tgt Ion: 95 Resp: 165931
Ion Ratio Lower Upper
95 100
174 64.7 0.0 129.0
176 63.5 0.0 124.6

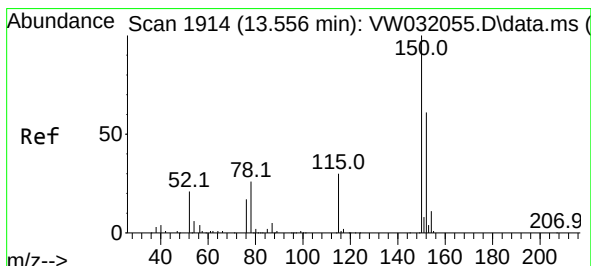
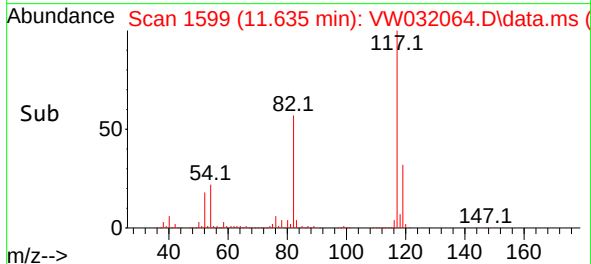
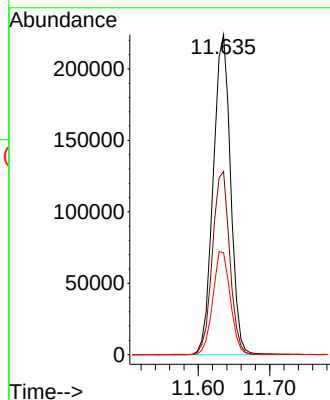
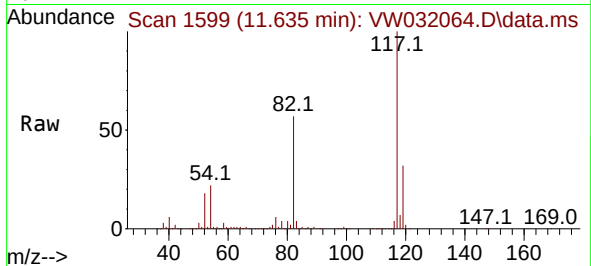




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032064.D
Acq: 11 Aug 2025 14:22

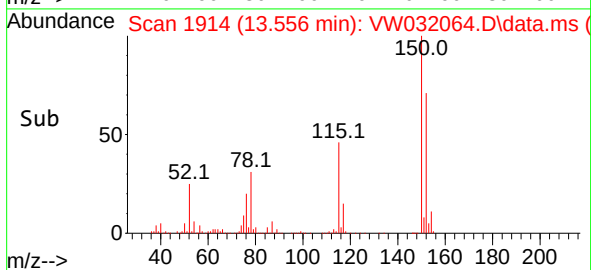
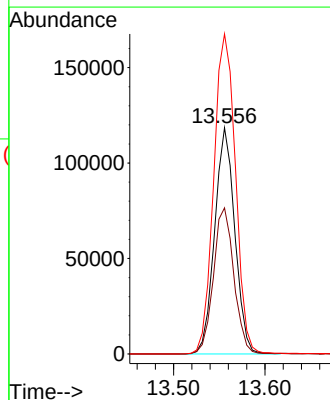
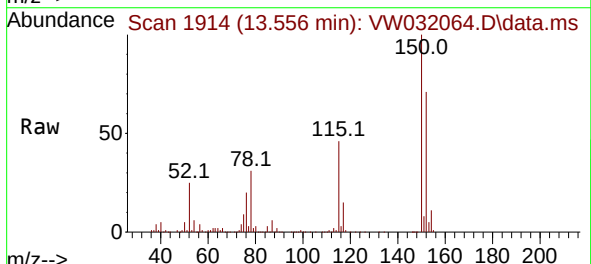
Instrument :
MSVOA_W
ClientSampleId :
COMP-5

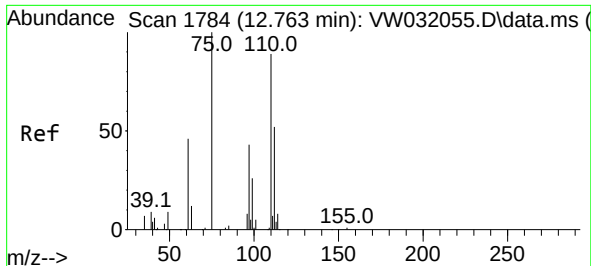
Tgt Ion:117 Resp: 377426
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 31.8 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032064.D
Acq: 11 Aug 2025 14:22

Tgt Ion:152 Resp: 181852
Ion Ratio Lower Upper
152 100
115 65.6 32.6 97.8
150 152.6 0.0 359.4

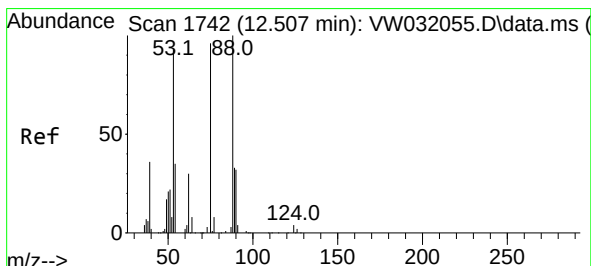
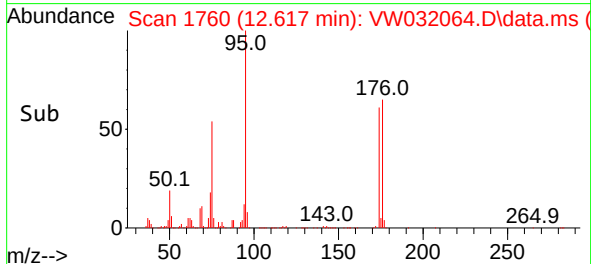
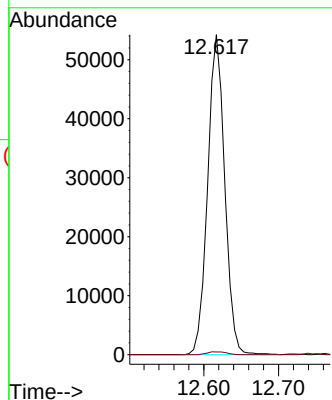
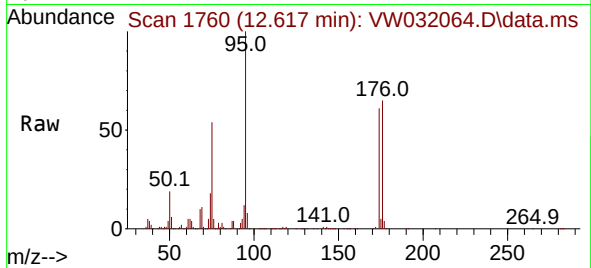




#76
1,2,3-Trichloropropane
Concen: 34.823 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW032064.D
Acq: 11 Aug 2025 14:22

Instrument :
MSVOA_W
ClientSampleId :
COMP-5

Tgt Ion: 75 Resp: 85948
Ion Ratio Lower Upper
75 100
77 1.0 123.5 370.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.153 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW032064.D
Acq: 11 Aug 2025 14:22

Tgt Ion: 75 Resp: 85948
Ion Ratio Lower Upper
75 100
53 0.0 81.0 121.6#
89 0.0 37.3 55.9#

