

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072325\
 Data File : VW031910.D
 Acq On : 23 Jul 2025 14:03
 Operator : SY/MD
 Sample : Q2677-01
 Misc : 5.03g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-07222025

Quant Time: Jul 24 02:52:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

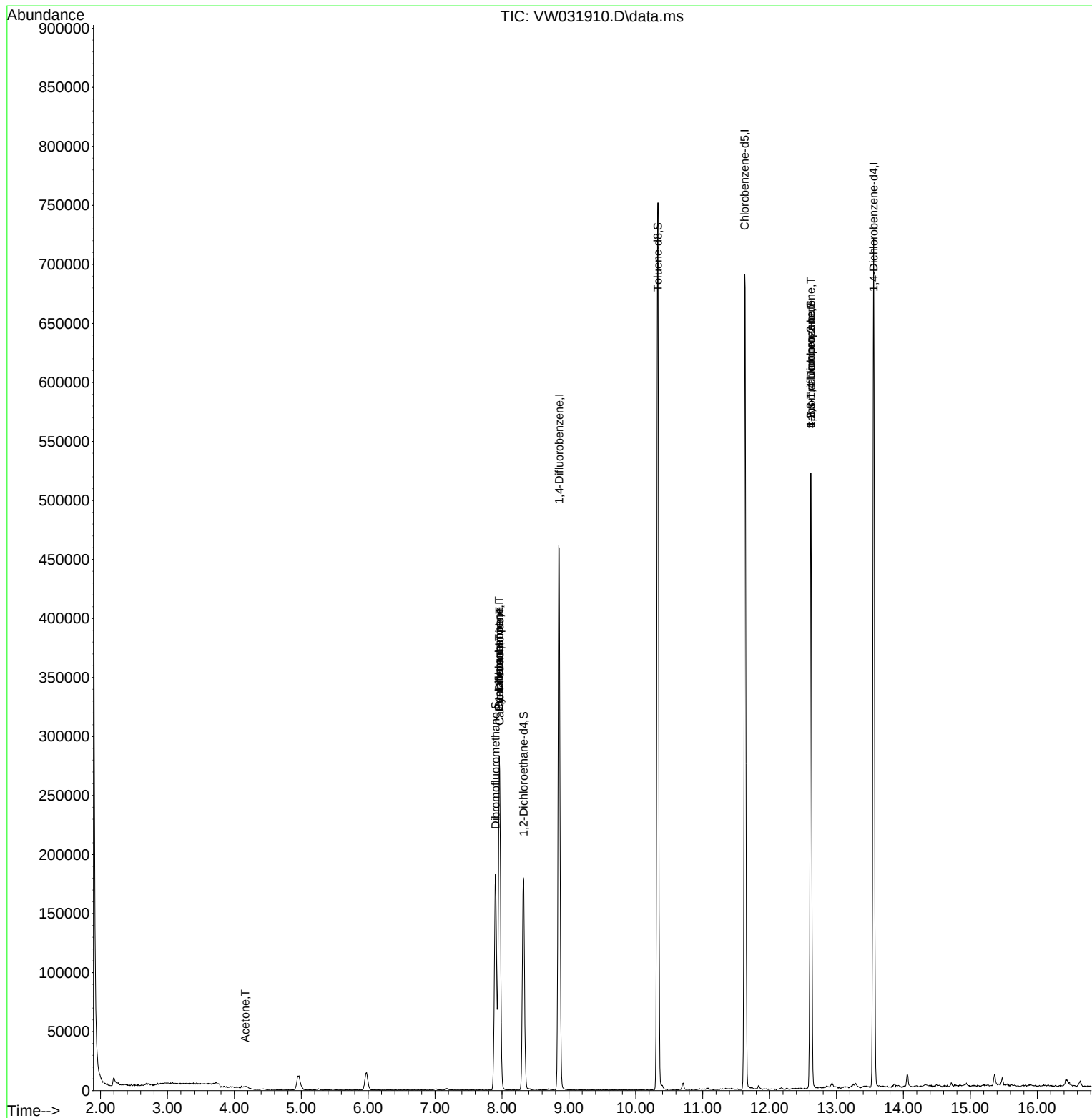
Internal Standards						
1) Pentafluorobenzene	7.959	168	197011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	391803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	373545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	181221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	151795	50.933	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 101.860%	
35) Dibromofluoromethane	7.904	113	134306	50.446	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 100.900%	
50) Toluene-d8	10.331	98	504699	50.088	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 100.180%	
62) 4-Bromofluorobenzene	12.617	95	184054	47.571	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 95.140%	
Target Compounds						
					Qvalue	
13) Acrolein	3.942	56	128	Below Cal	#	60
16) Acetone	4.161	43	2027	2.866	ug/l	98
20) Methylene Chloride	4.966	84	11184	Below Cal		94
31) Cyclohexane	7.959	56	4902	1.072	ug/l #	10
36) 1,1-Dichloropropene	7.959	75	18710	4.576	ug/l #	50
38) Carbon Tetrachloride	7.965	117	21846	5.567	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	97130	38.821	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.617	75	97130	89.626	ug/l #	8

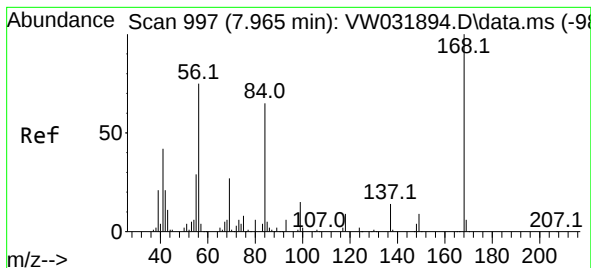
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072325\
Data File : VW031910.D
Acq On : 23 Jul 2025 14:03
Operator : SY/MD
Sample : Q2677-01
Misc : 5.03g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OK-02-07222025

Quant Time: Jul 24 02:52:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

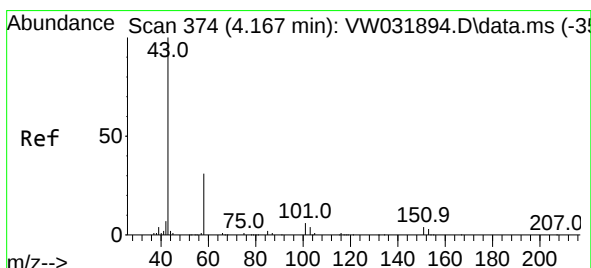
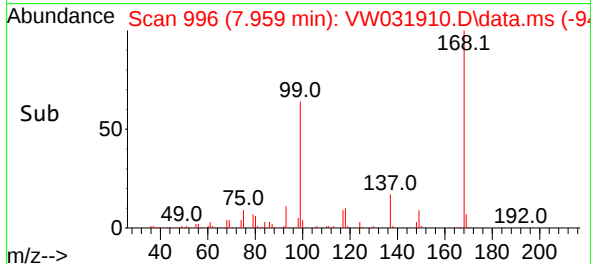
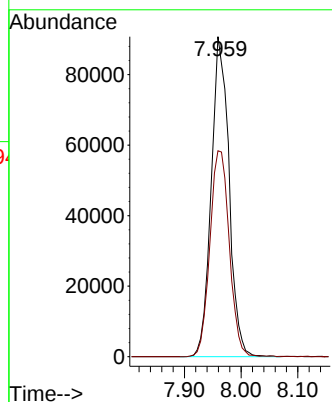
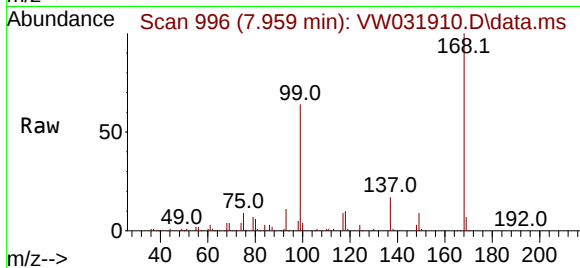




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031910.D
Acq: 23 Jul 2025 14:03

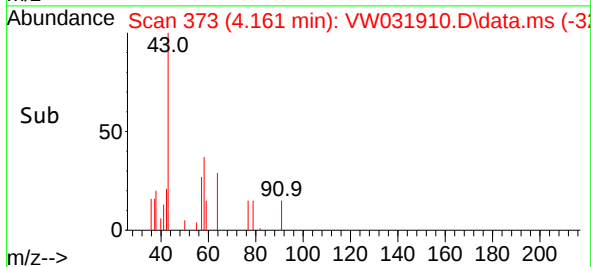
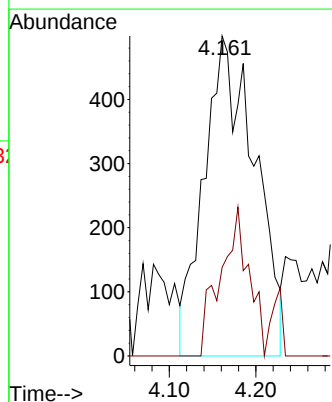
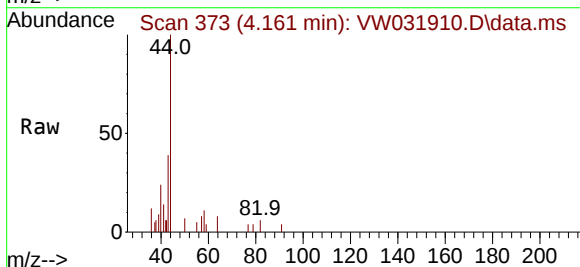
Instrument :
MSVOA_W
ClientSampleId :
OK-02-07222025

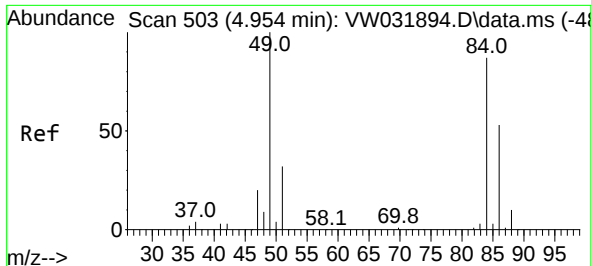
Tgt Ion:168 Resp: 197011
Ion Ratio Lower Upper
168 100
99 64.3 48.2 72.2



#16
Acetone
Concen: 2.866 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW031910.D
Acq: 23 Jul 2025 14:03

Tgt Ion: 43 Resp: 2027
Ion Ratio Lower Upper
43 100
58 32.8 25.5 38.3

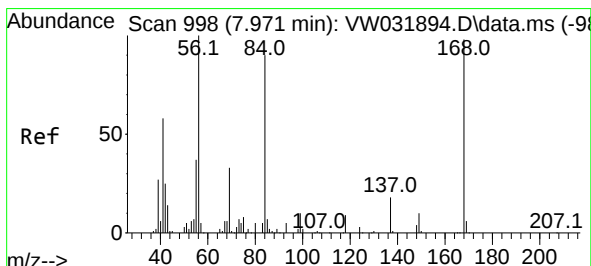
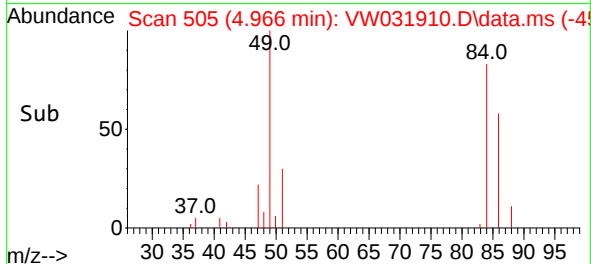
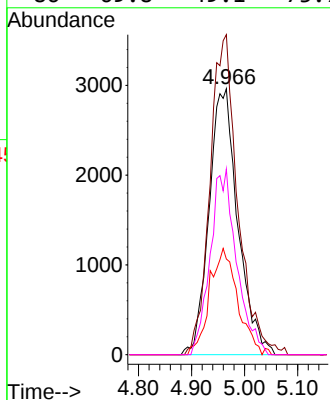
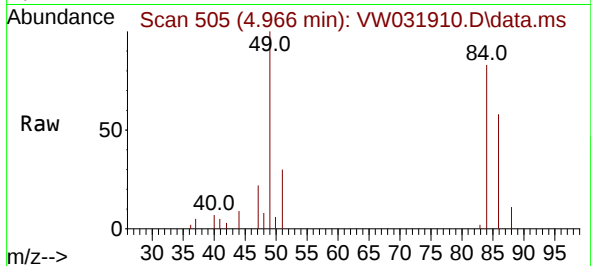




#20
Methylene Chloride
Concen: Below Cal
RT: 4.966 min Scan# 503
Delta R.T. 0.012 min
Lab File: VW031910.D
Acq: 23 Jul 2025 14:03

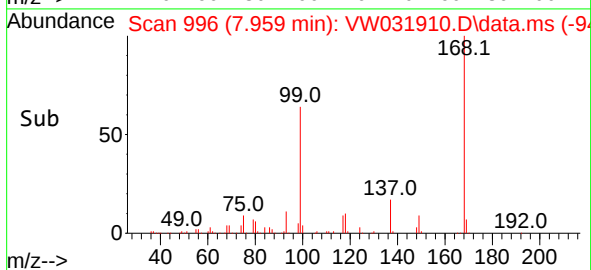
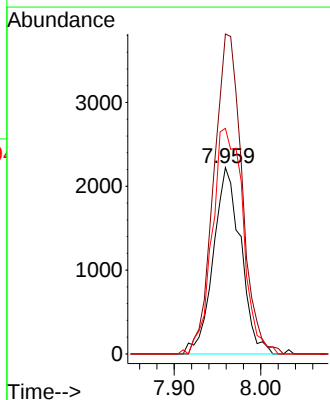
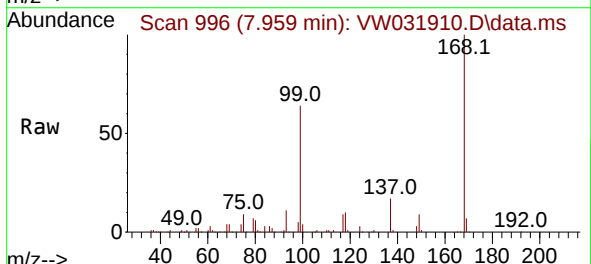
Instrument :
MSVOA_W
ClientSampleId :
OK-02-07222025

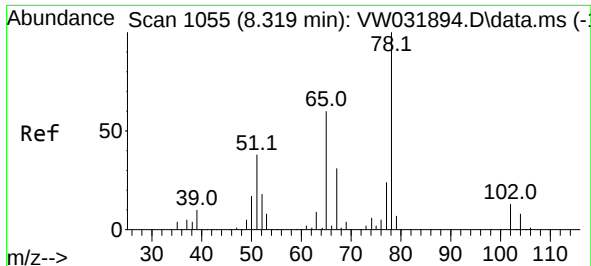
Tgt Ion:	84	Resp:	11184
Ion	Ratio	Lower	Upper
84	100		
49	120.3	91.9	137.9
51	36.0	29.0	43.6
86	69.8	49.1	73.7



#31
Cyclohexane
Concen: 1.072 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031910.D
Acq: 23 Jul 2025 14:03

Tgt Ion:	56	Resp:	4902
Ion	Ratio	Lower	Upper
56	100		
69	171.6	26.7	40.1#
84	121.0	71.8	107.6#

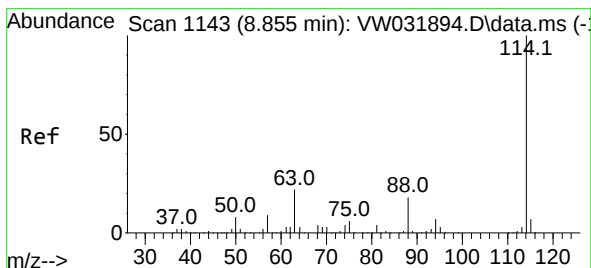
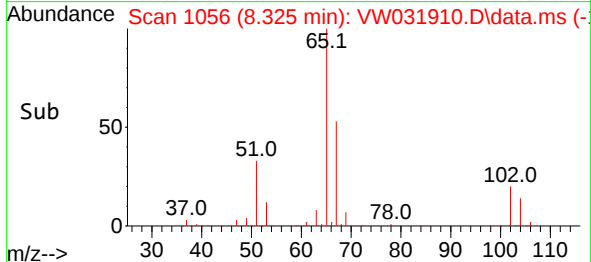
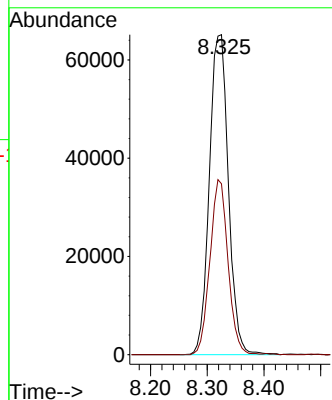
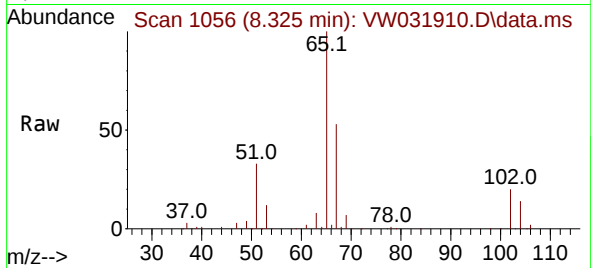




#33
 1,2-Dichloroethane-d4
 Concen: 50.933 ug/l
 RT: 8.325 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VW031910.D
 Acq: 23 Jul 2025 14:03

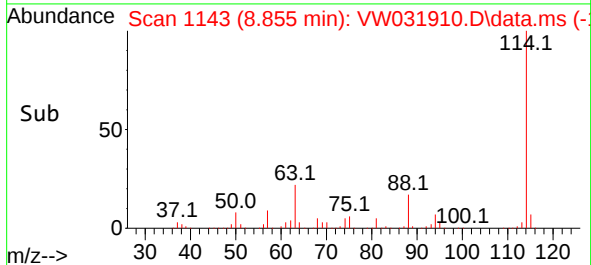
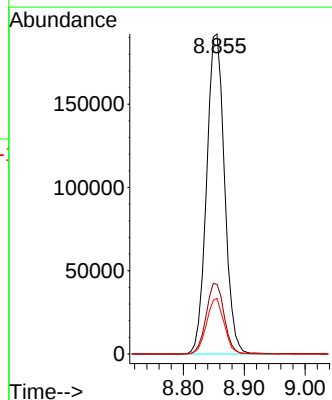
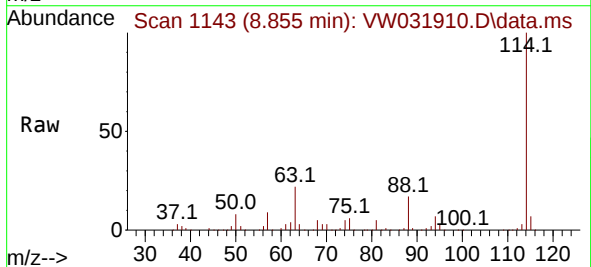
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-07222025

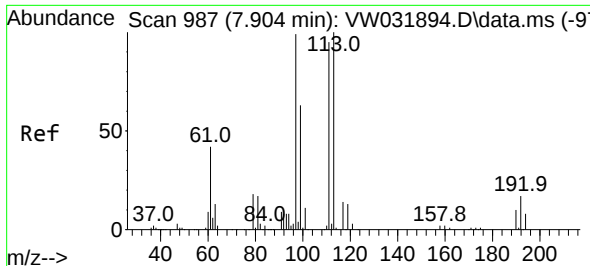
Tgt Ion: 65 Resp: 151795
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW031910.D
 Acq: 23 Jul 2025 14:03

Tgt Ion: 114 Resp: 391803
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.2
 88 17.3 0.0 35.6

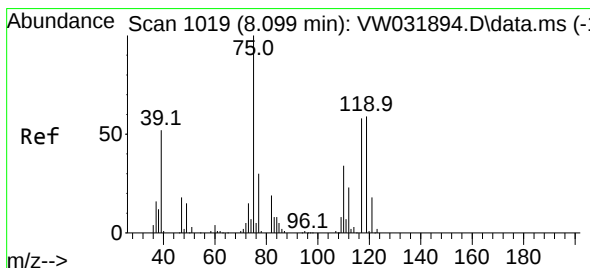
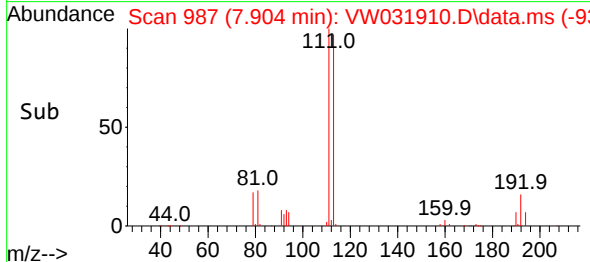
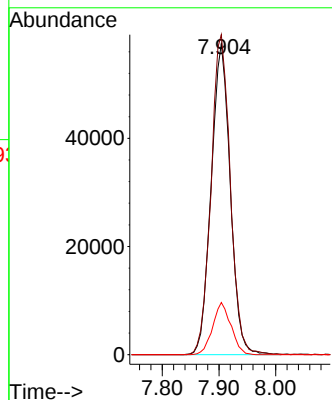
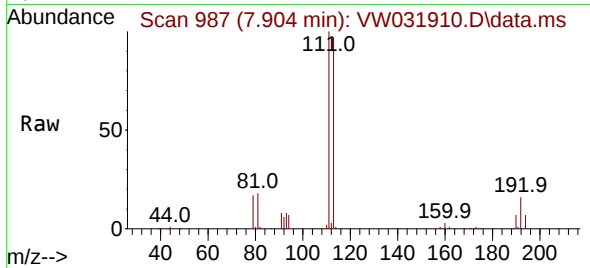




#35
Dibromofluoromethane
Concen: 50.446 ug/l
RT: 7.904 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW031910.D
Acq: 23 Jul 2025 14:03

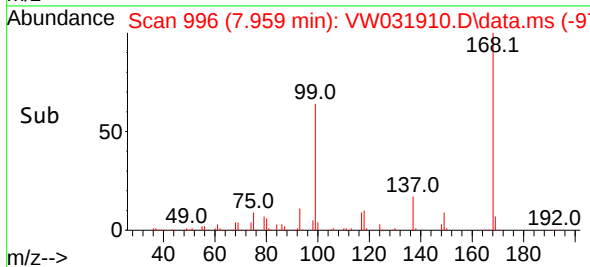
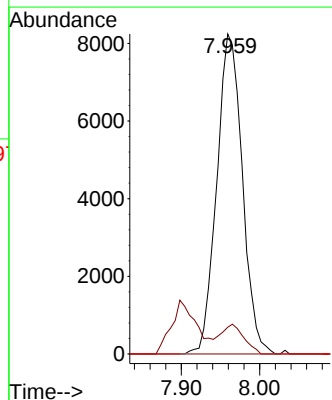
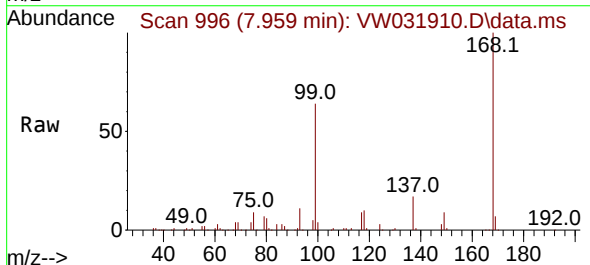
Instrument :
MSVOA_W
ClientSampleId :
OK-02-07222025

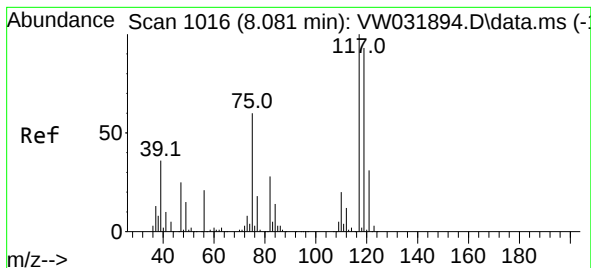
Tgt Ion:113 Resp: 134306
Ion Ratio Lower Upper
113 100
111 103.7 79.9 119.9
192 16.1 12.6 19.0



#36
1,1-Dichloropropene
Concen: 4.576 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.140 min
Lab File: VW031910.D
Acq: 23 Jul 2025 14:03

Tgt Ion: 75 Resp: 18710
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.567 ug/l

RT: 7.965 min Scan# 997

Delta R.T. -0.116 min

Lab File: VW031910.D

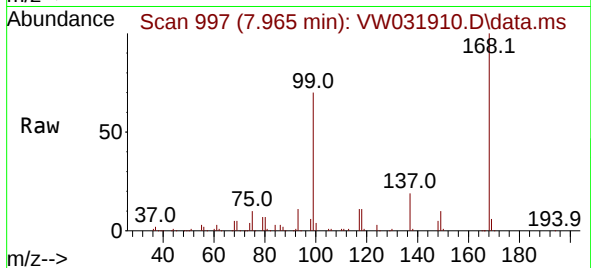
Acq: 23 Jul 2025 14:03

Instrument :

MSVOA_W

ClientSampleId :

OK-02-07222025



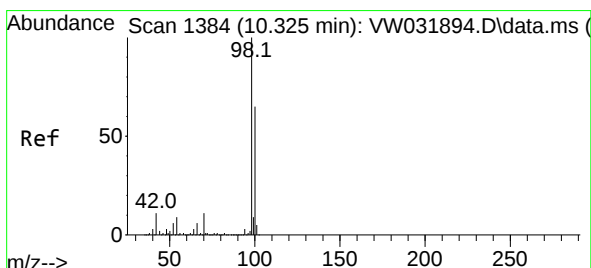
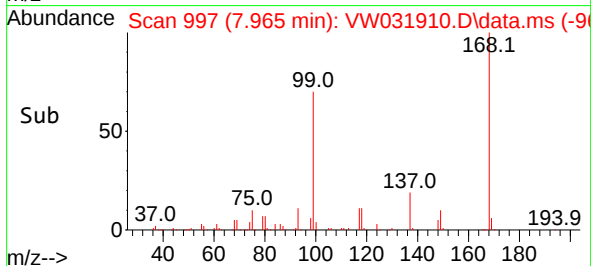
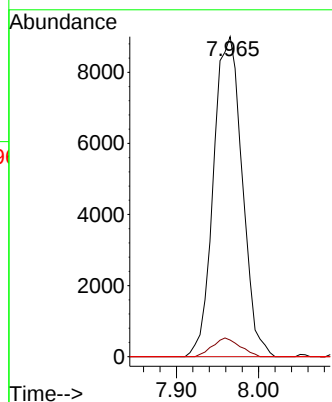
Tgt Ion:117 Resp: 21846

Ion Ratio Lower Upper

117 100

119 5.2 74.3 111.5#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 50.088 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW031910.D

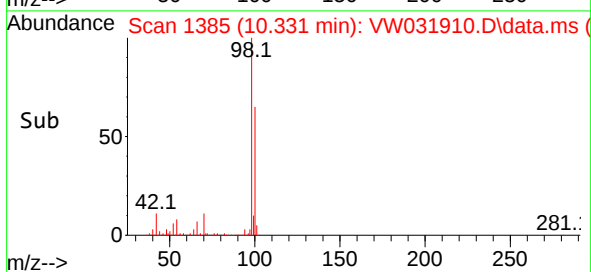
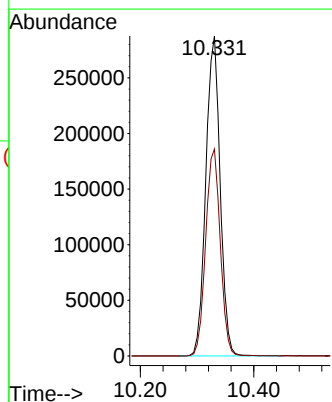
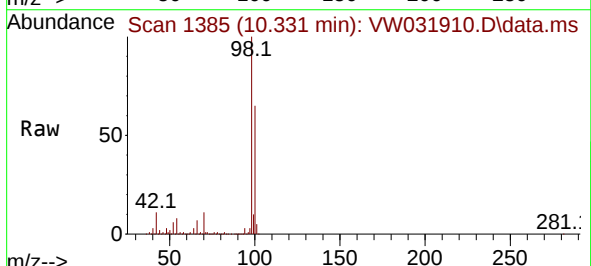
Acq: 23 Jul 2025 14:03

Tgt Ion: 98 Resp: 504699

Ion Ratio Lower Upper

98 100

100 66.0 51.7 77.5

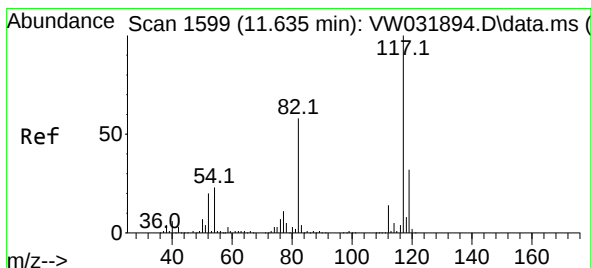
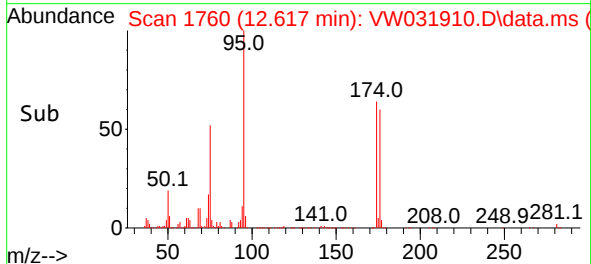
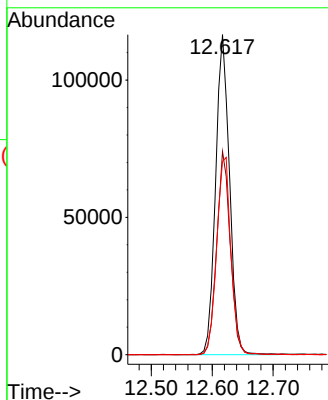
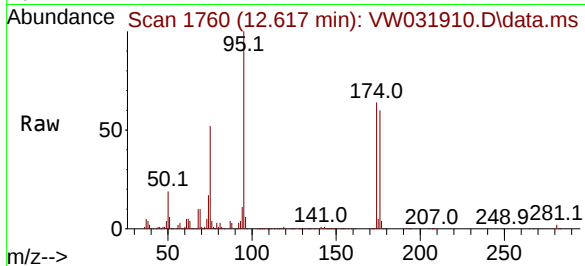




#62
4-Bromofluorobenzene
Concen: 47.571 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031910.D
Acq: 23 Jul 2025 14:03

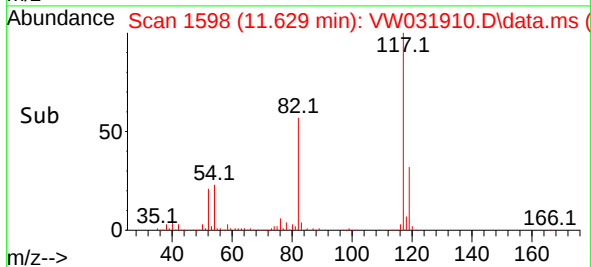
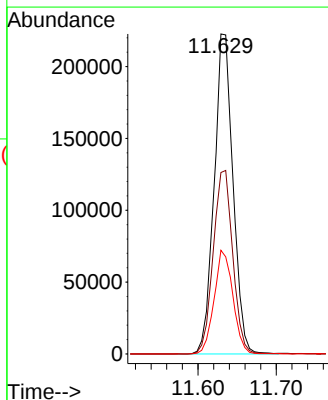
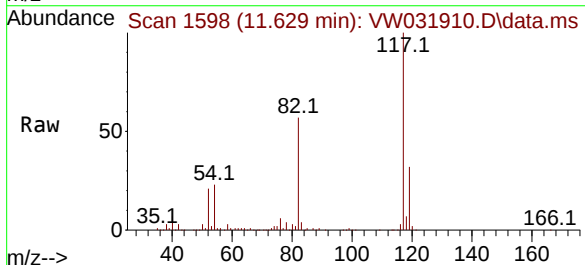
Instrument :
MSVOA_W
ClientSampleId :
OK-02-07222025

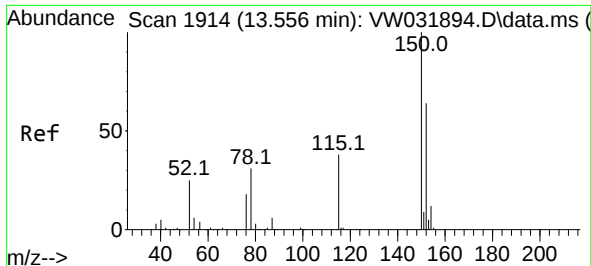
Tgt Ion: 95 Resp: 184054
Ion Ratio Lower Upper
95 100
174 62.3 0.0 129.8
176 63.3 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW031910.D
Acq: 23 Jul 2025 14:03

Tgt Ion: 117 Resp: 373545
Ion Ratio Lower Upper
117 100
82 56.7 46.5 69.7
119 32.4 25.8 38.6

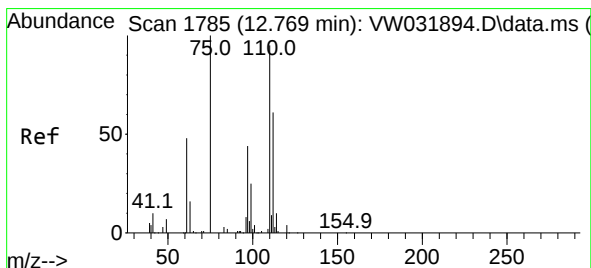
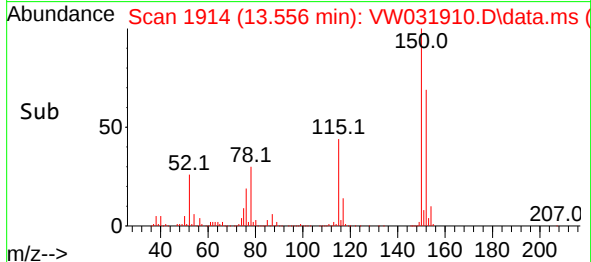
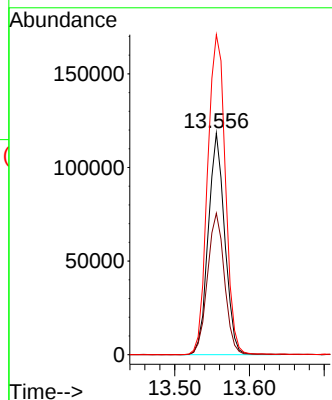
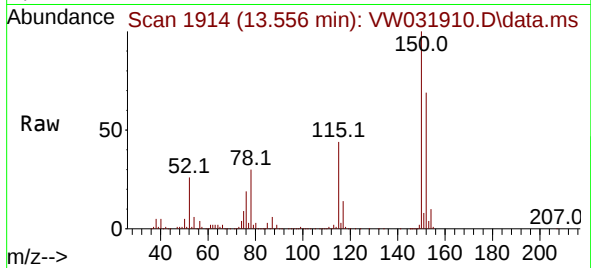




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW031910.D
Acq: 23 Jul 2025 14:03

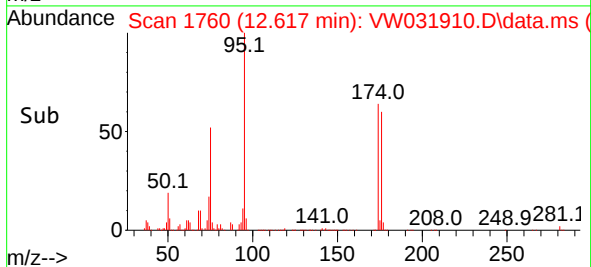
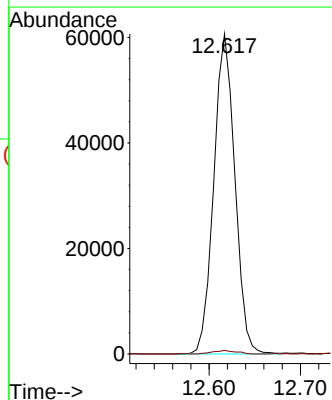
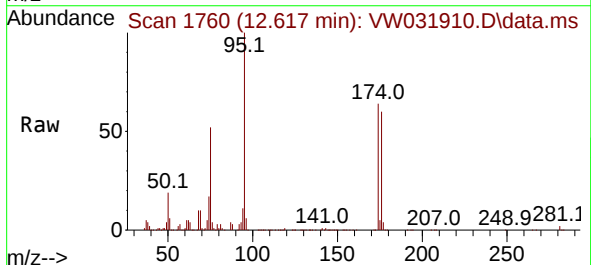
Instrument :
MSVOA_W
ClientSampleId :
OK-02-07222025

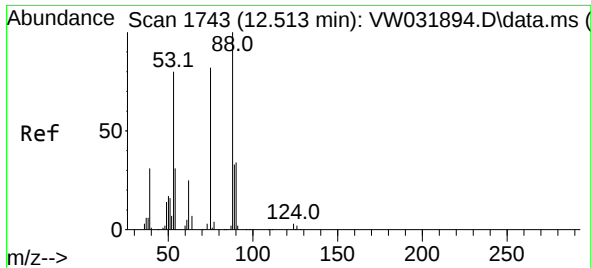
Tgt Ion:152 Resp: 181221
Ion Ratio Lower Upper
152 100
115 65.9 33.4 100.1
150 156.0 0.0 352.2



#76
1,2,3-Trichloropropane
Concen: 38.821 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.152 min
Lab File: VW031910.D
Acq: 23 Jul 2025 14:03

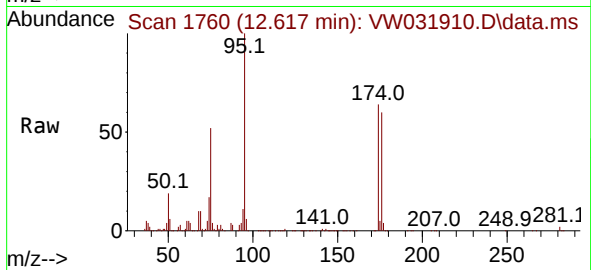
Tgt Ion: 75 Resp: 97130
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.626 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VW031910.D
 Acq: 23 Jul 2025 14:03

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-07222025



Tgt Ion: 75 Resp: 97130
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.7 125.5#
 89 0.0 39.0 58.6#

