

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072825\
 Data File : VW031945.D
 Acq On : 28 Jul 2025 15:02
 Operator : SY/MD
 Sample : Q2710-01
 Misc : 5.20g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-07282025

Quant Time: Jul 29 01:21:02 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)

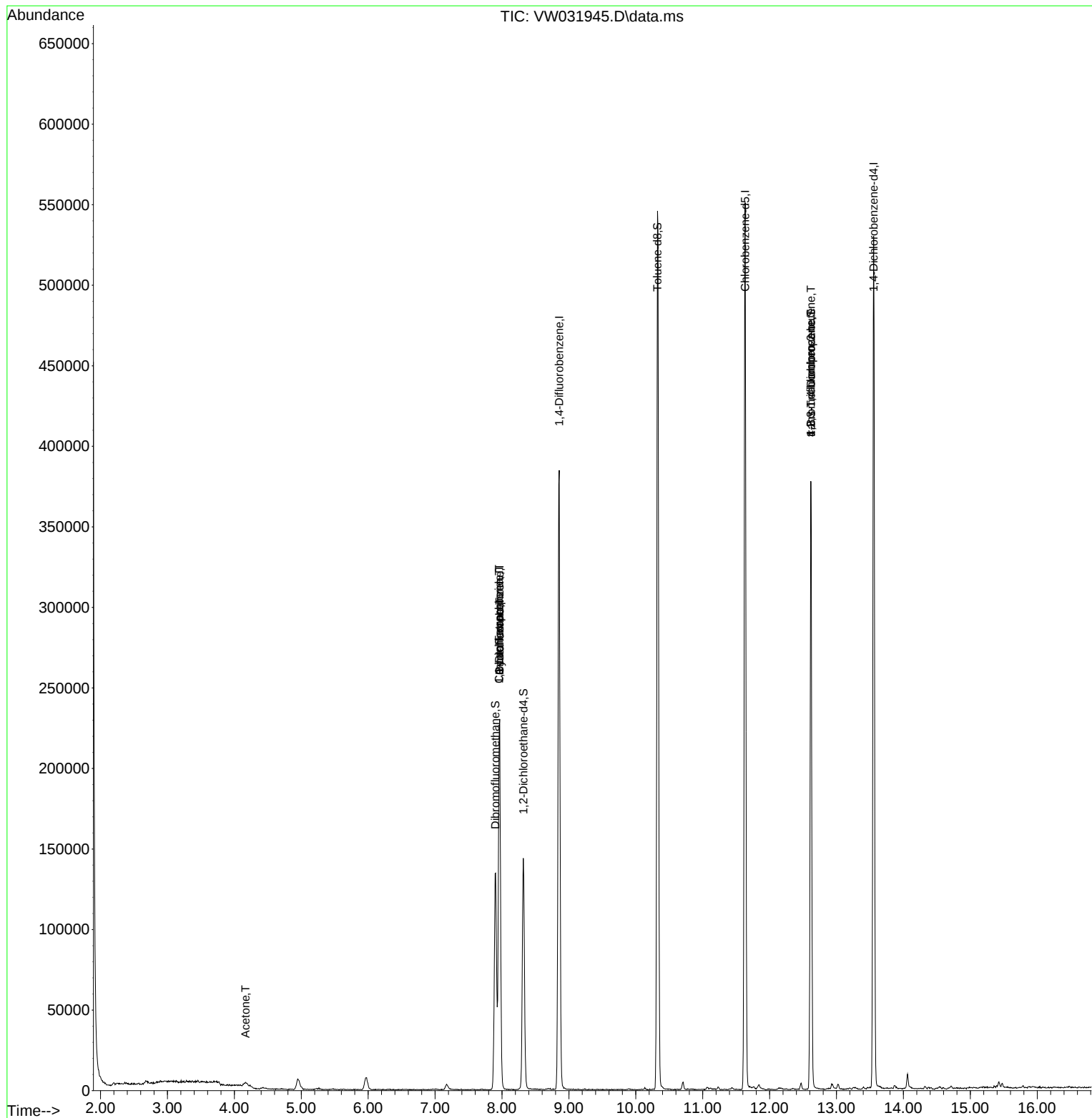
Internal Standards						
1) Pentafluorobenzene	7.965	168	155034	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	326215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	296767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	136461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	119238	50.842	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	101.680%		
35) Dibromofluoromethane	7.898	113	99384	44.835	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	89.660%		
50) Toluene-d8	10.325	98	373274	44.493	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	88.980%		
62) 4-Bromofluorobenzene	12.617	95	136180	42.274	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	84.540%		
Target Compounds						
					Qvalue	
13) Acrolein	3.917	56	220	Below Cal	#	65
16) Acetone	4.167	43	3179	5.712	ug/l	93
20) Methylene Chloride	4.947	84	5814	Below Cal		93
31) Cyclohexane	7.965	56	4127	1.147	ug/l	# 11
36) 1,1-Dichloropropene	7.959	75	14580	4.283	ug/l	# 50
38) Carbon Tetrachloride	7.959	117	18518	5.668	ug/l	# 18
76) 1,2,3-Trichloropropane	12.617	75	68747	36.489	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.617	75	68747	84.243	ug/l	# 8

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

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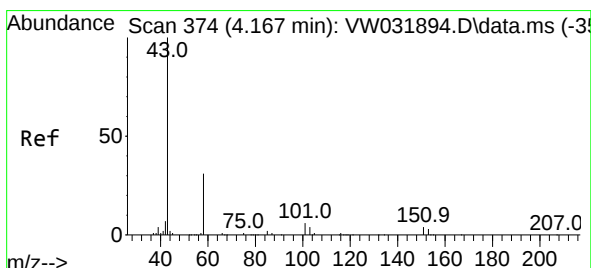
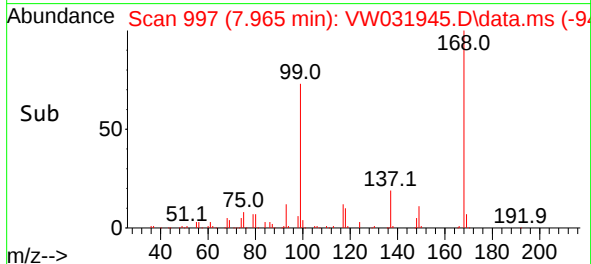
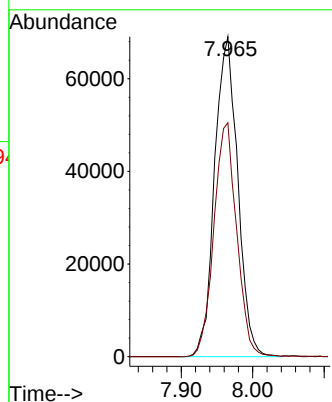
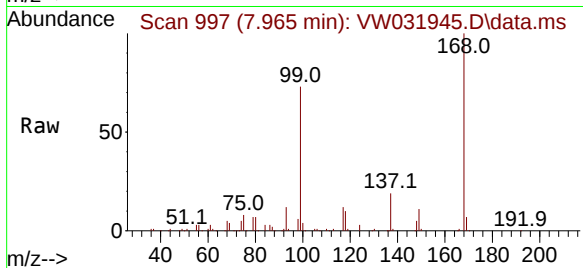




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW031945.D
Acq: 28 Jul 2025 15:02

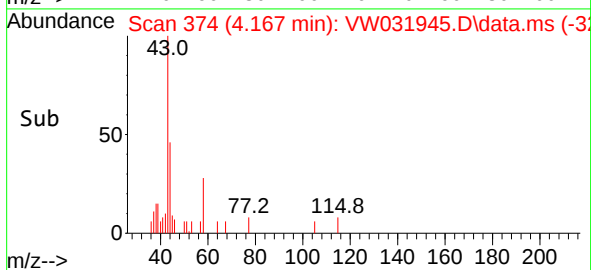
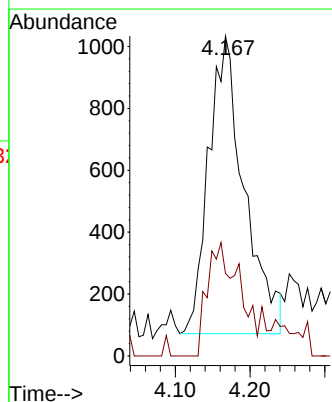
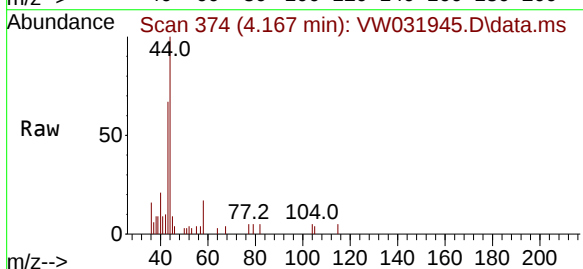
Instrument :
MSVOA_W
ClientSampleId :
JC-03-07282025

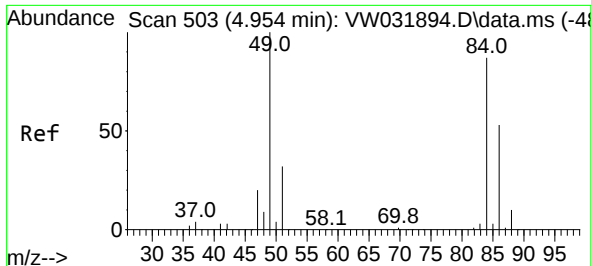
Tgt Ion:168 Resp: 155034
Ion Ratio Lower Upper
168 100
99 73.1 48.2 72.2#



#16
Acetone
Concen: 5.712 ug/l
RT: 4.167 min Scan# 374
Delta R.T. -0.000 min
Lab File: VW031945.D
Acq: 28 Jul 2025 15:02

Tgt Ion: 43 Resp: 3179
Ion Ratio Lower Upper
43 100
58 27.8 25.5 38.3

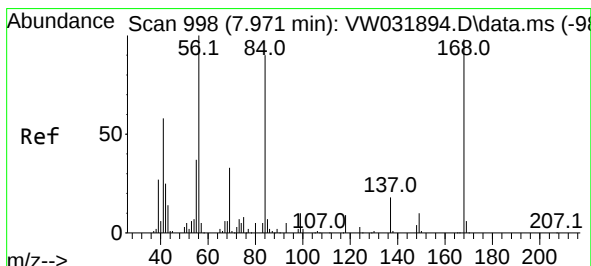
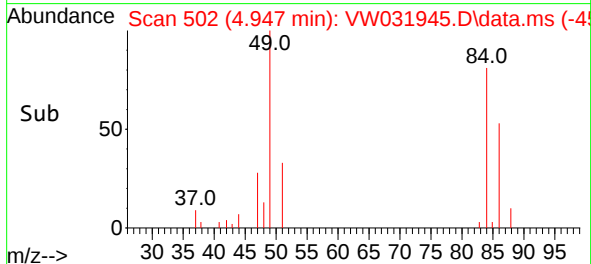
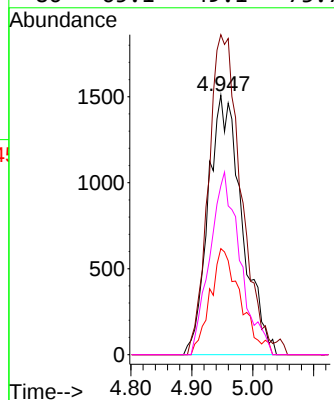
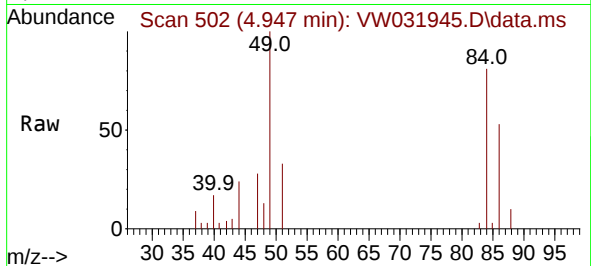




#20
Methylene Chloride
Concen: Below Cal
RT: 4.947 min Scan# 503
Delta R.T. -0.007 min
Lab File: VW031945.D
Acq: 28 Jul 2025 15:02

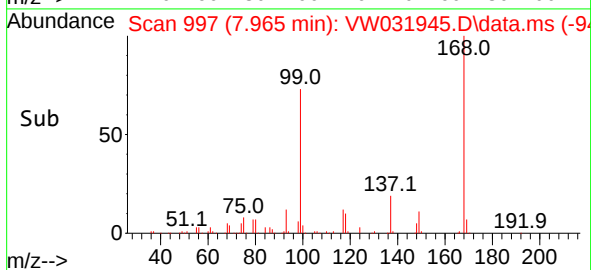
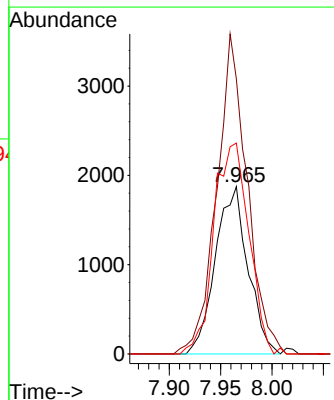
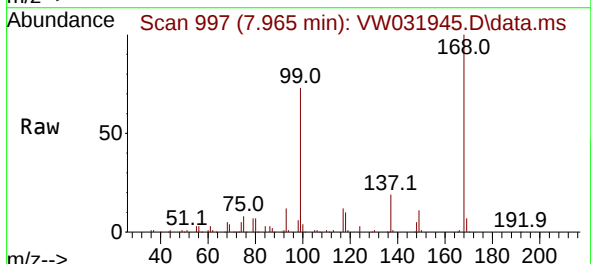
Instrument :
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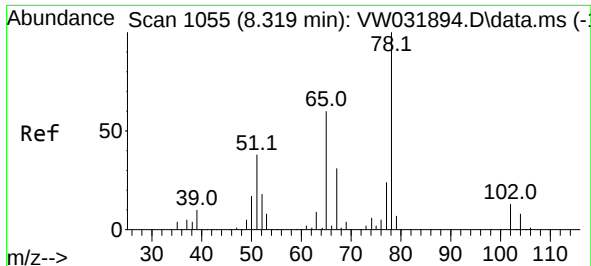
Tgt Ion: 84	Resp: 5814
Ion Ratio	Lower Upper
84 100	
49 123.4	91.9 137.9
51 40.9	29.0 43.6
86 65.1	49.1 73.7



#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031945.D
Acq: 28 Jul 2025 15:02

Tgt Ion: 56	Resp: 4127		
Ion Ratio	Lower	Upper	
56	100		
69	161.2	26.7	40.1#
84	125.9	71.8	107.6#

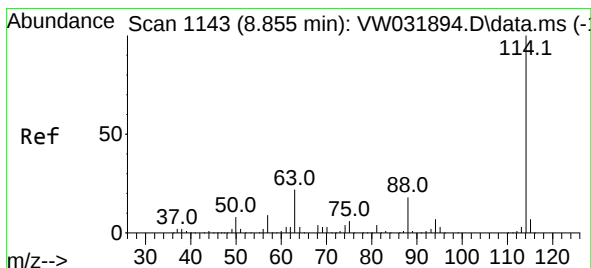
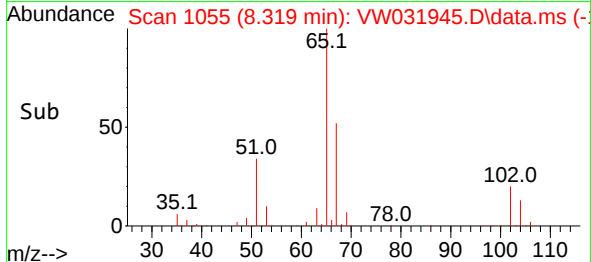
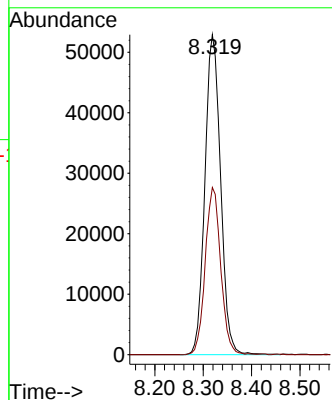
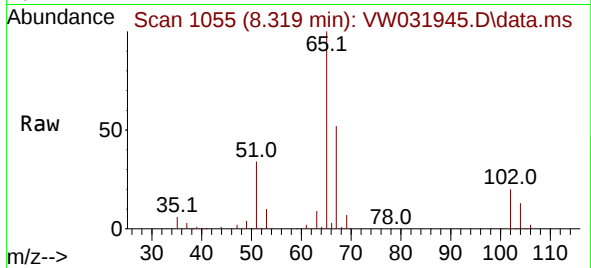




#33
 1,2-Dichloroethane-d4
 Concen: 50.842 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW031945.D
 Acq: 28 Jul 2025 15:02

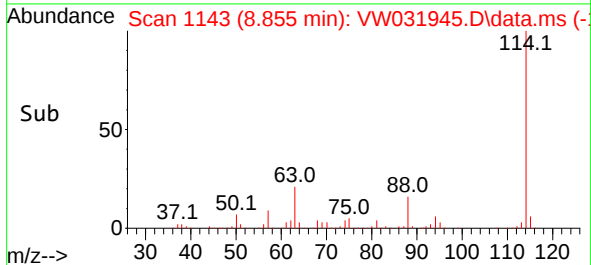
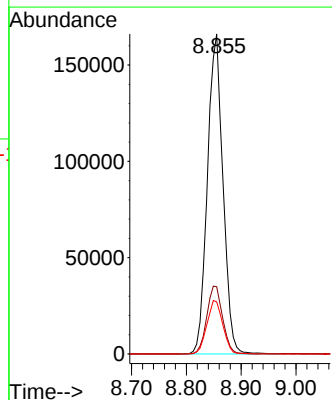
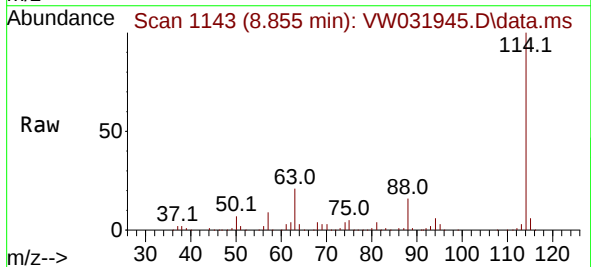
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-07282025

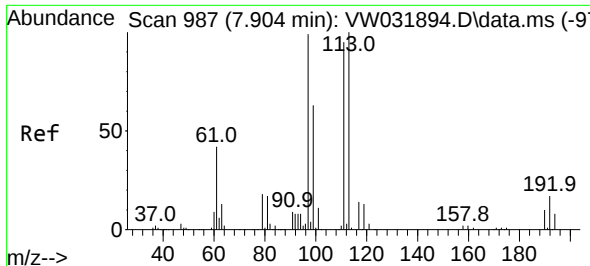
Tgt Ion: 65 Resp: 119238
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW031945.D
 Acq: 28 Jul 2025 15:02

Tgt Ion: 114 Resp: 326215
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 44.2
 88 16.3 0.0 35.6

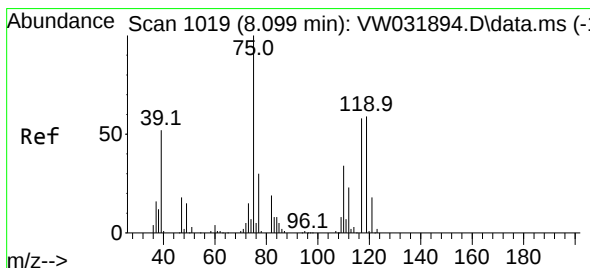
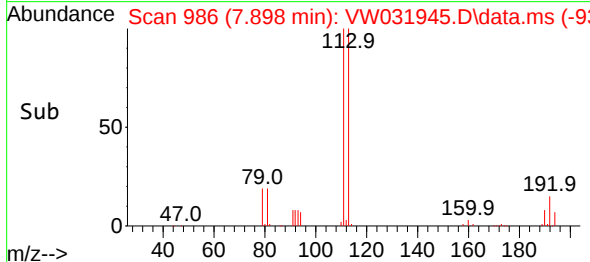
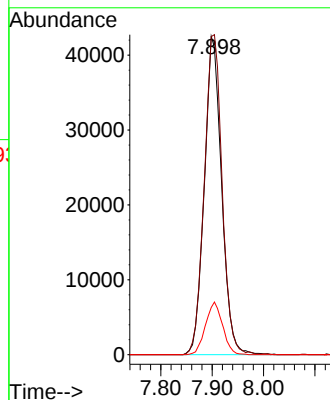
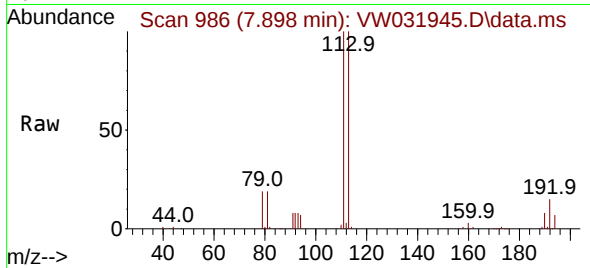




#35
 Dibromofluoromethane
 Concen: 44.835 ug/l
 RT: 7.898 min Scan# 991
 Delta R.T. -0.006 min
 Lab File: VW031945.D
 Acq: 28 Jul 2025 15:02

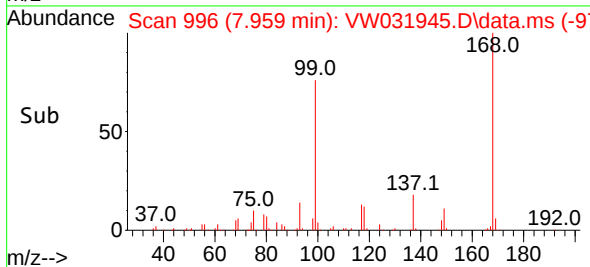
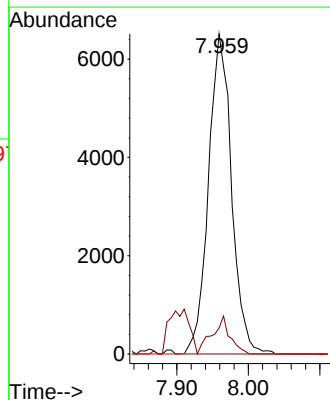
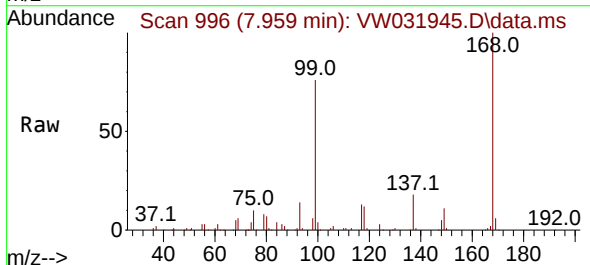
Instrument :
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 ClientSampleId :
 JC-03-07282025

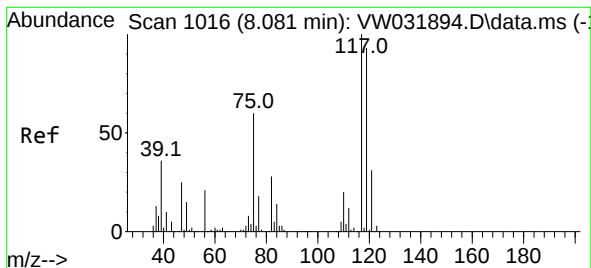
Tgt Ion:113 Resp: 99384
 Ion Ratio Lower Upper
 113 100
 111 103.8 79.9 119.9
 192 16.4 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 4.283 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.140 min
 Lab File: VW031945.D
 Acq: 28 Jul 2025 15:02

Tgt Ion: 75 Resp: 14580
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.0 50.9#
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.668 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW031945.D

Acq: 28 Jul 2025 15:02

Instrument :

MSVOA_W

ClientSampleId :

JC-03-07282025

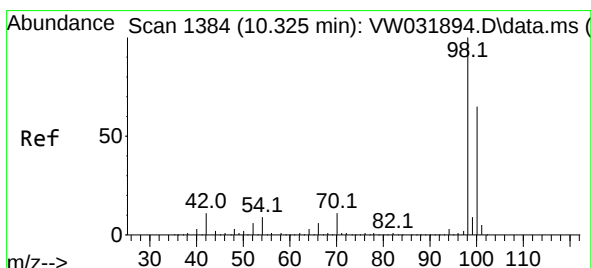
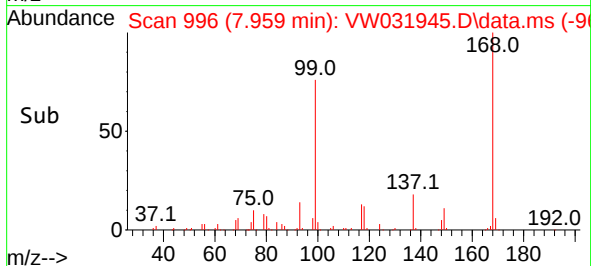
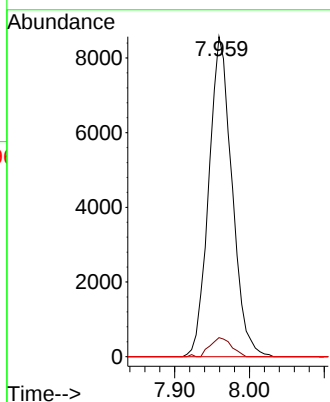
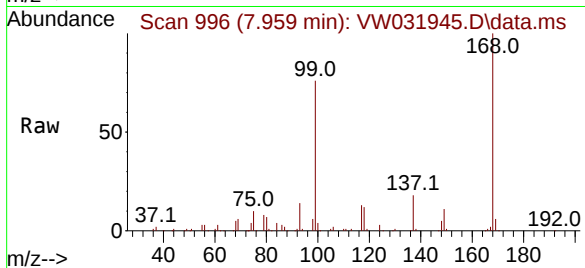
Tgt Ion:117 Resp: 18518

Ion Ratio Lower Upper

117 100

119 5.9 74.3 111.5#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 44.493 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW031945.D

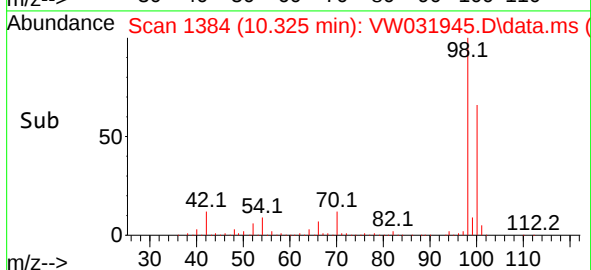
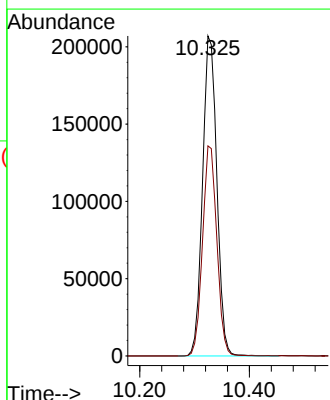
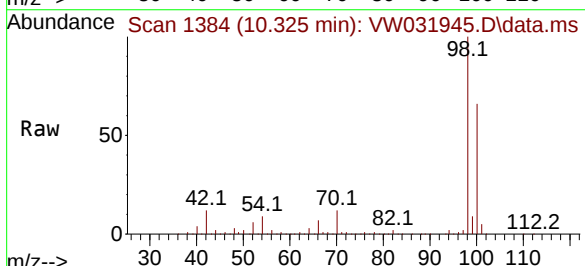
Acq: 28 Jul 2025 15:02

Tgt Ion: 98 Resp: 373274

Ion Ratio Lower Upper

98 100

100 65.9 51.7 77.5

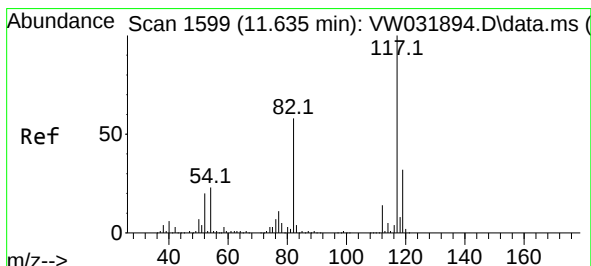
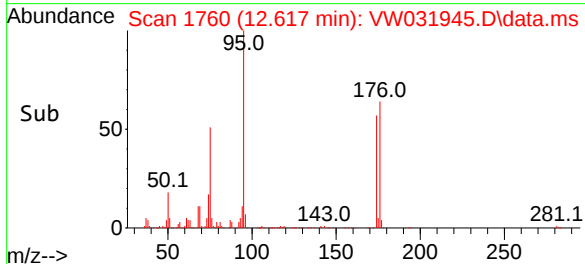
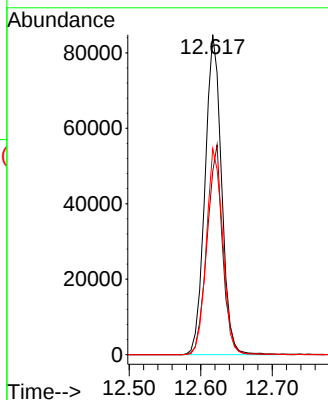
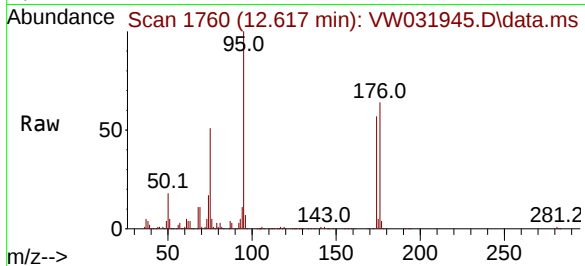




#62
4-Bromofluorobenzene
Concen: 42.274 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031945.D
Acq: 28 Jul 2025 15:02

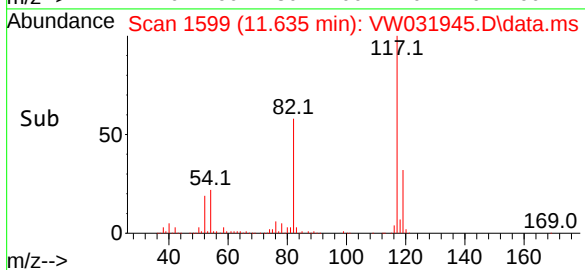
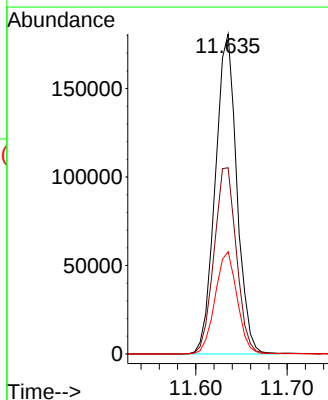
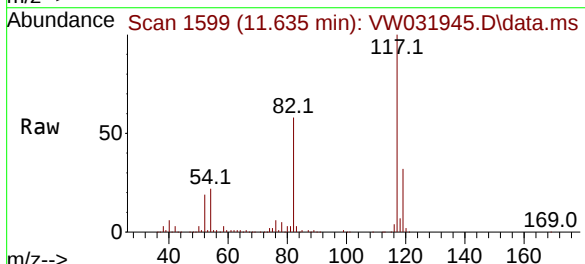
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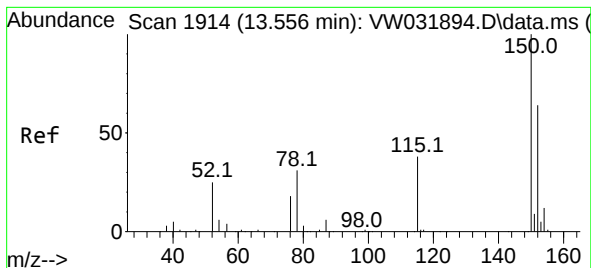
Tgt Ion: 95 Resp: 136180
Ion Ratio Lower Upper
95 100
174 61.8 0.0 129.8
176 63.6 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW031945.D
Acq: 28 Jul 2025 15:02

Tgt Ion: 117 Resp: 296767
Ion Ratio Lower Upper
117 100
82 58.2 46.5 69.7
119 31.9 25.8 38.6

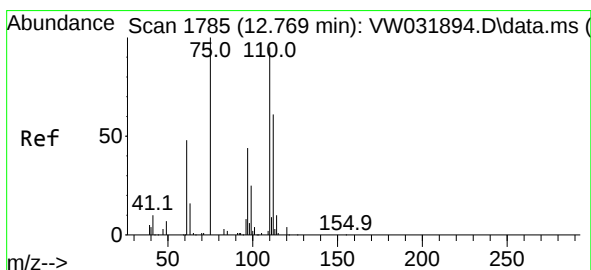
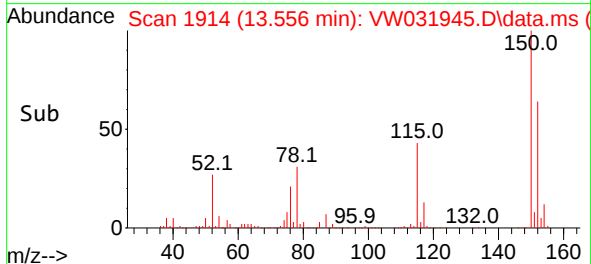
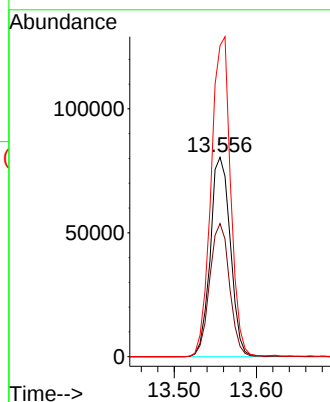
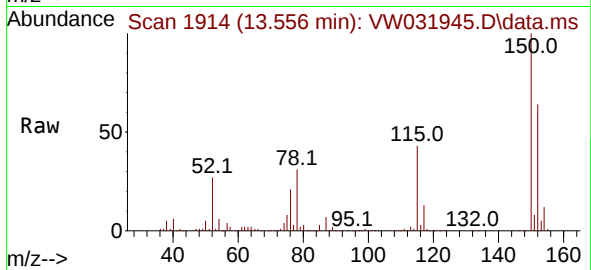




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW031945.D
 Acq: 28 Jul 2025 15:02

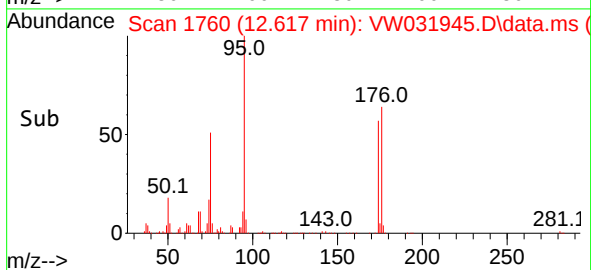
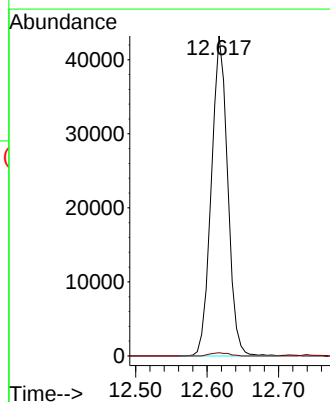
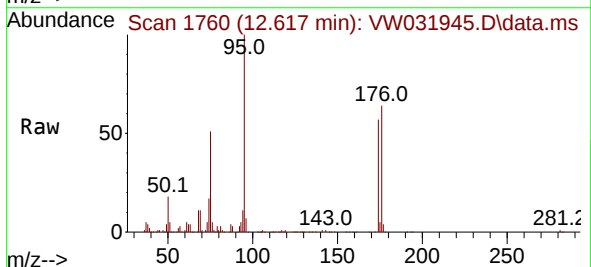
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 JC-03-07282025

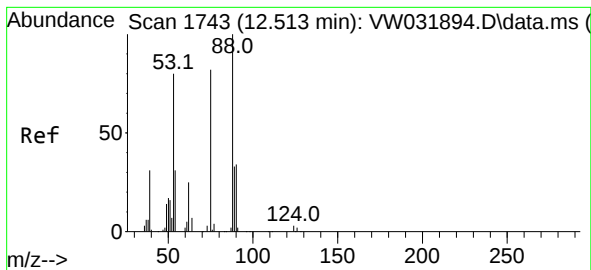
Tgt Ion:152 Resp: 136461
 Ion Ratio Lower Upper
 152 100
 115 66.3 33.4 100.1
 150 155.9 0.0 352.2



#76
 1,2,3-Trichloropropane
 Concen: 36.489 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.152 min
 Lab File: VW031945.D
 Acq: 28 Jul 2025 15:02

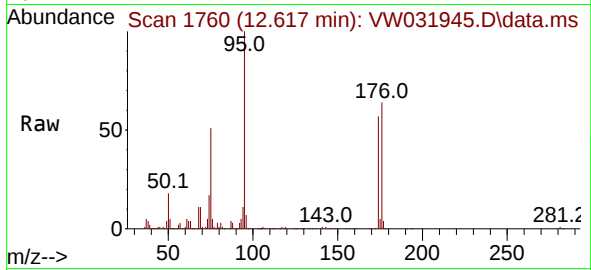
Tgt Ion: 75 Resp: 68747
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.243 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.104 min
Lab File: VW031945.D
Acq: 28 Jul 2025 15:02

Instrument :
MSVOA_W
ClientSampleId :
JC-03-07282025



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	83.7	125.5#
89	0.0	39.0	58.6#

