

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
 Data File : VW031921.D
 Acq On : 24 Jul 2025 11:23
 Operator : SY/MD
 Sample : Q2684-01
 Misc : 5.05g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 25 03:43:14 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

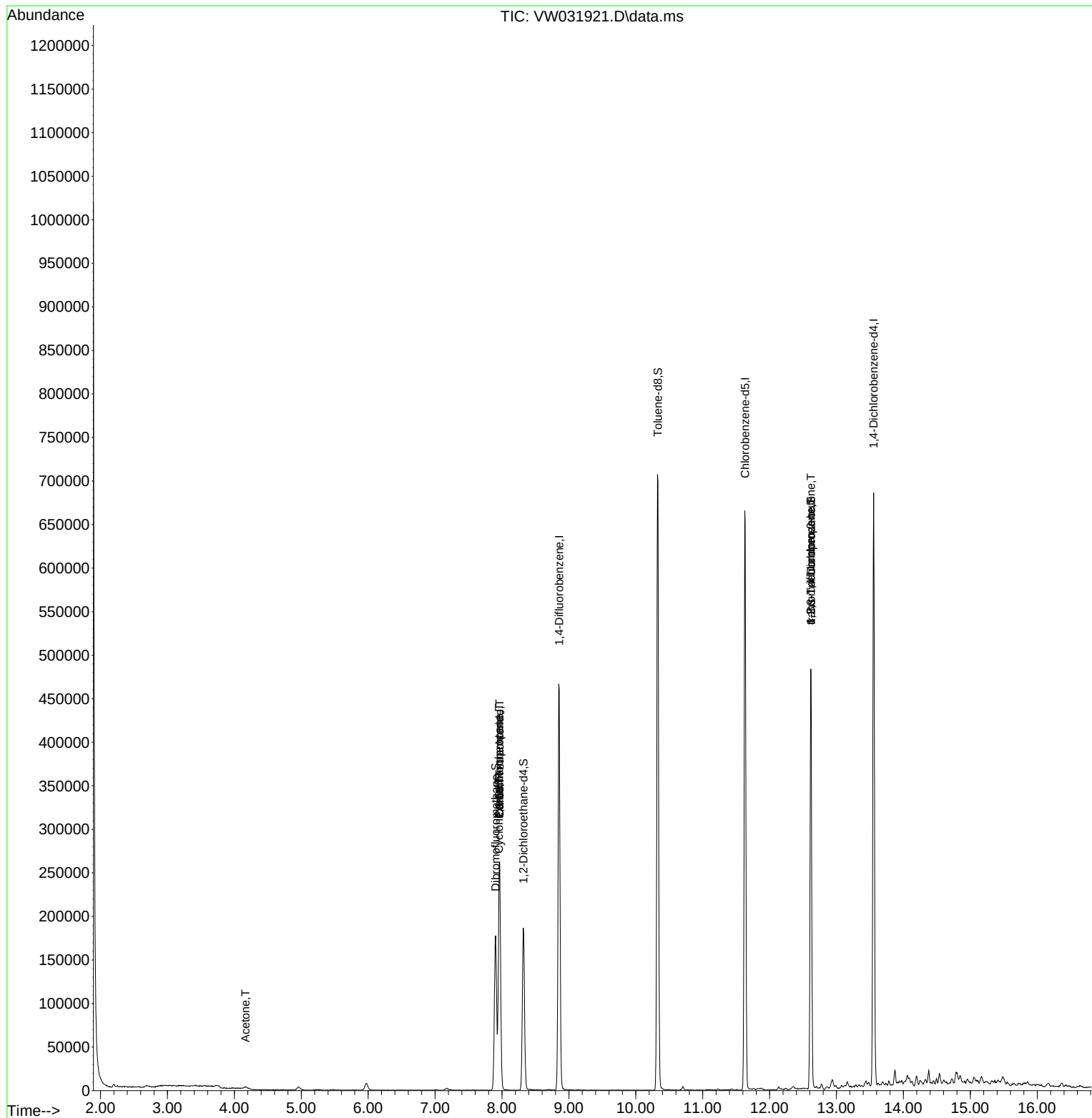
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

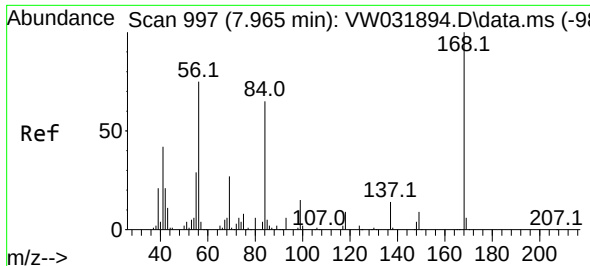
Internal Standards						
1) Pentafluorobenzene	7.959	168	179653	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	392243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	361729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	172976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	157221	57.851	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 115.700%		
35) Dibromofluoromethane	7.904	113	129746	48.679	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 97.360%		
50) Toluene-d8	10.331	98	478800	47.465	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 94.920%		
62) 4-Bromofluorobenzene	12.617	95	178552	46.097	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 92.200%		
Target Compounds						
					Qvalue	
13) Acrolein	3.948	56	110	Below Cal	#	14
16) Acetone	4.167	43	2967	4.601	ug/l	95
20) Methylene Chloride	4.960	84	2708	Below Cal		92
31) Cyclohexane	7.953	56	4559	1.094	ug/l	# 22
36) 1,1-Dichloropropene	7.959	75	17531	4.283	ug/l	# 50
38) Carbon Tetrachloride	7.965	117	21058	5.361	ug/l	# 16
76) 1,2,3-Trichloropropane	12.617	75	92516	38.739	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.617	75	92516	89.437	ug/l	# 8

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

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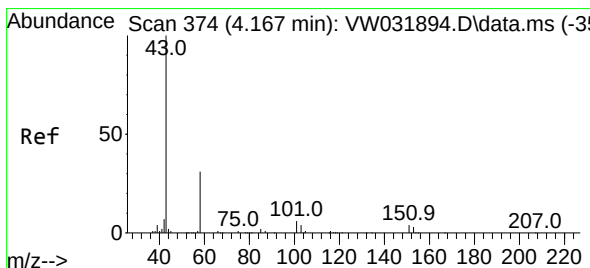
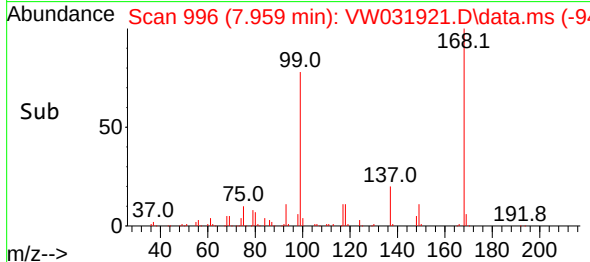
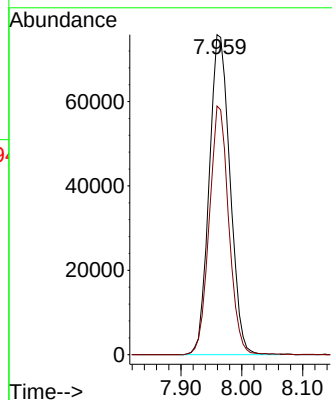
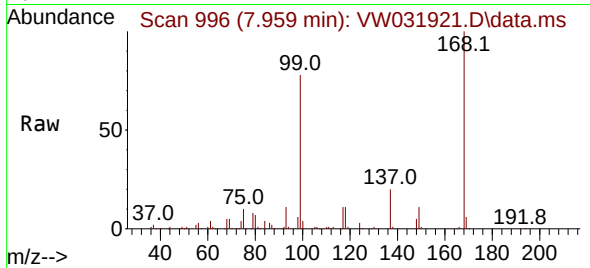
Quant Time: Jul 25 03:43:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
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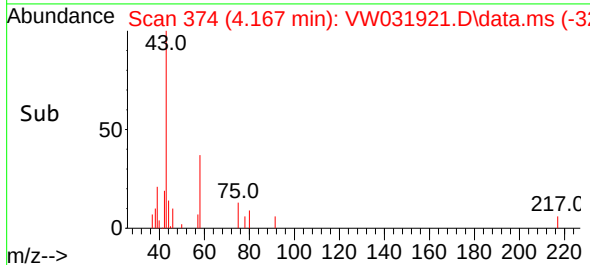
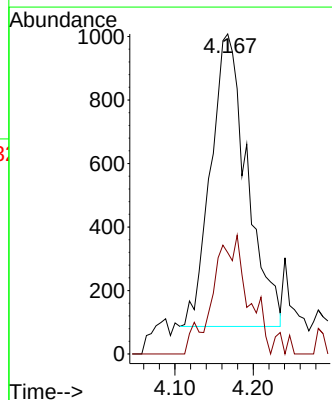
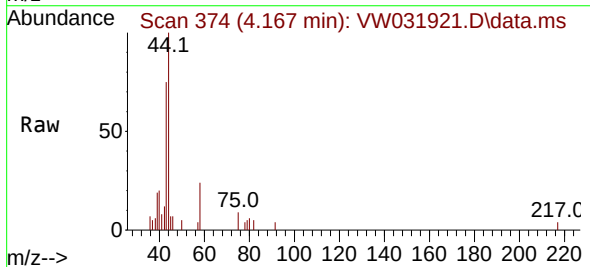
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031921.D
Acq: 24 Jul 2025 11:23

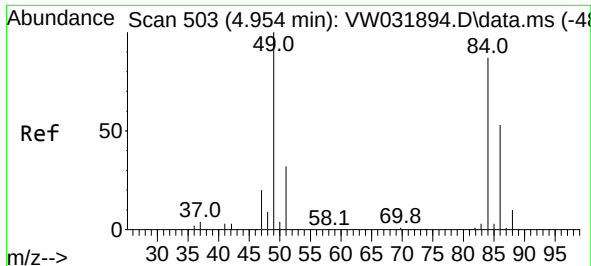
Tgt Ion:168 Resp: 179653
Ion Ratio Lower Upper
168 100
99 77.7 48.2 72.2#



#16
Acetone
Concen: 4.601 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.000 min
Lab File: VW031921.D
Acq: 24 Jul 2025 11:23

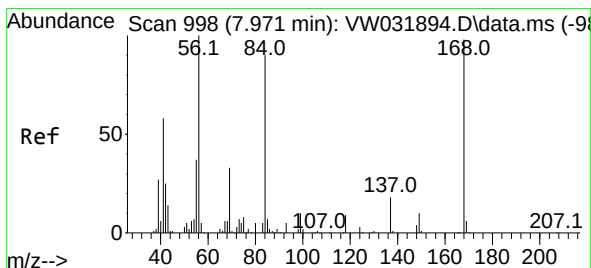
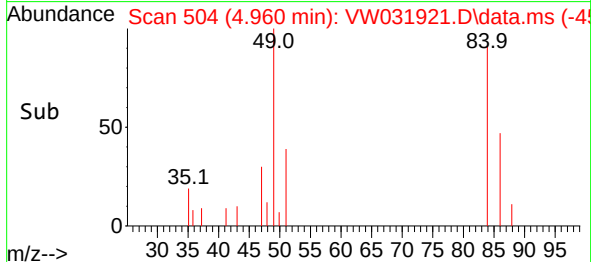
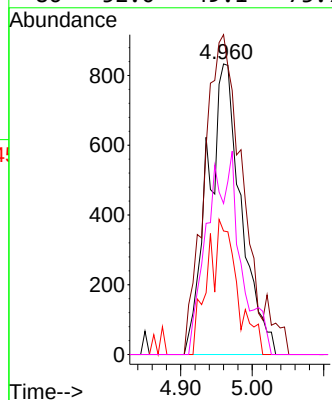
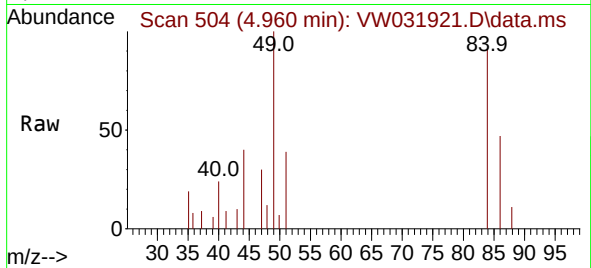
Tgt Ion: 43 Resp: 2967
Ion Ratio Lower Upper
43 100
58 34.6 25.5 38.3





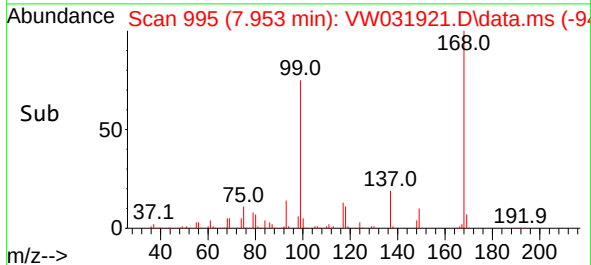
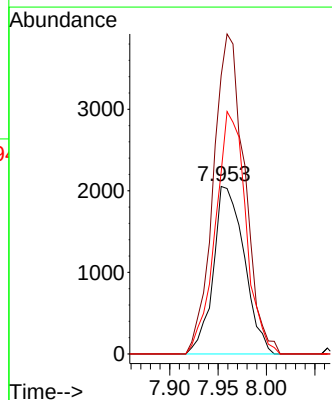
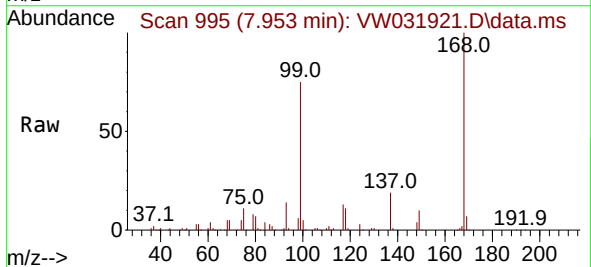
#20
Methylene Chloride
Concen: Below Cal
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW031921.D
Acq: 24 Jul 2025 11:23

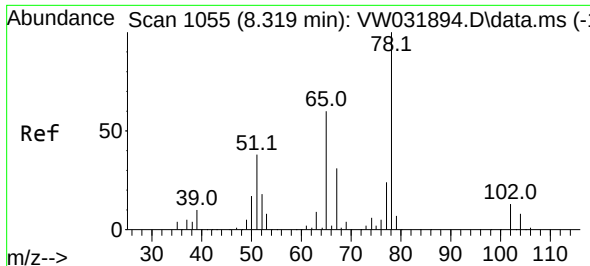
Tgt Ion: 84	Resp: 2708
Ion Ratio	Lower Upper
84 100	
49 110.1	91.9 137.9
51 42.5	29.0 43.6
86 52.0	49.1 73.7



#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.018 min
Lab File: VW031921.D
Acq: 24 Jul 2025 11:23

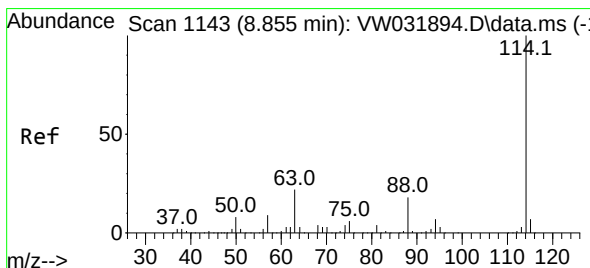
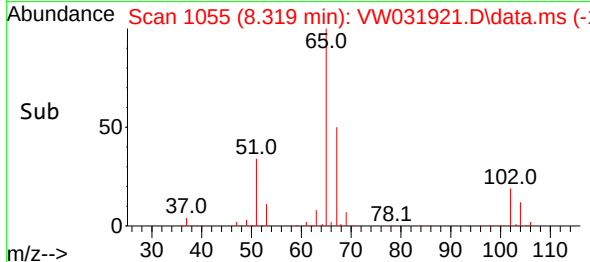
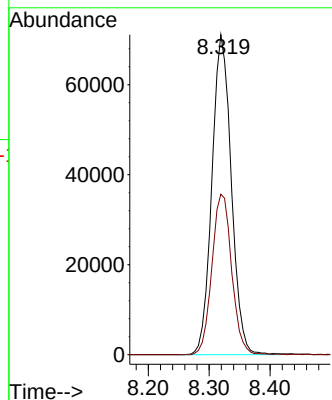
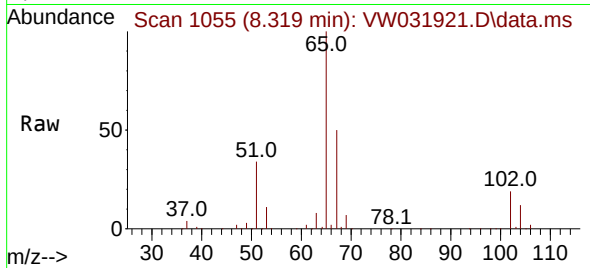
Tgt Ion: 56	Resp: 4559
Ion Ratio	Lower Upper
56 100	
69 166.2	26.7 40.1#
84 108.4	71.8 107.6#





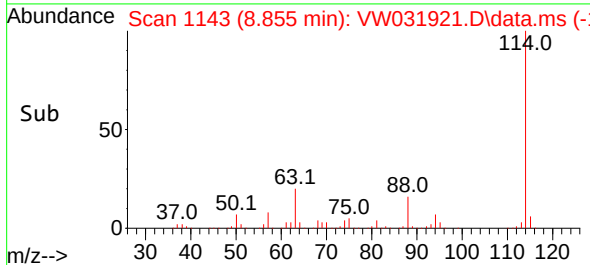
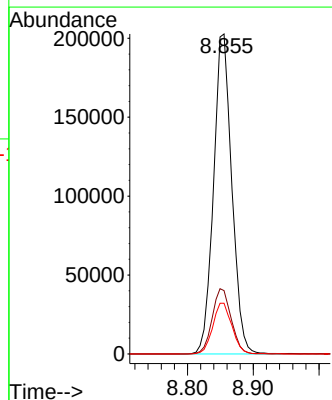
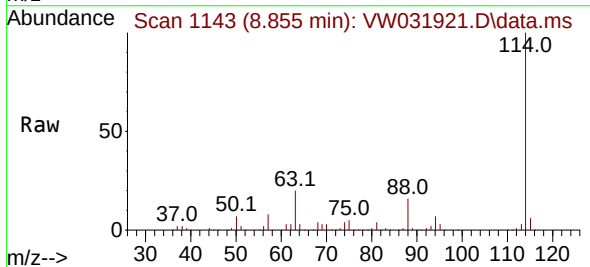
#33
1,2-Dichloroethane-d4
Concen: 57.851 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031921.D
Acq: 24 Jul 2025 11:23

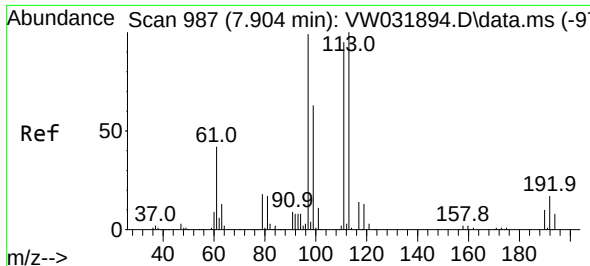
Tgt Ion: 65 Resp: 157221
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VW031921.D
Acq: 24 Jul 2025 11:23

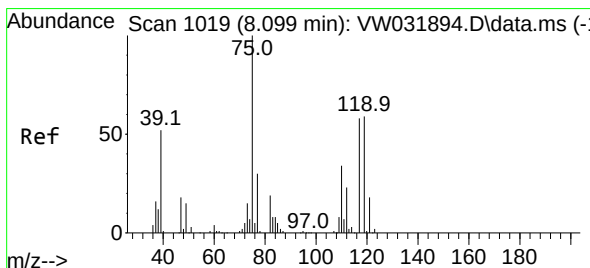
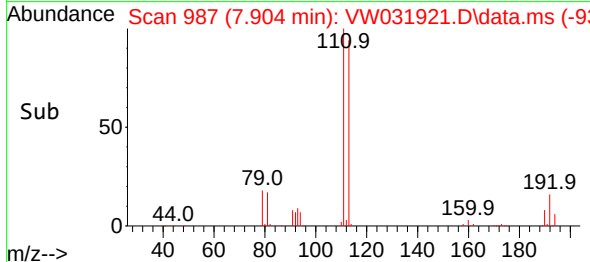
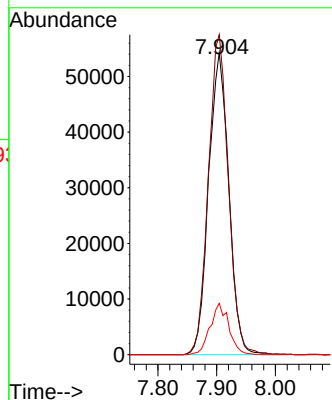
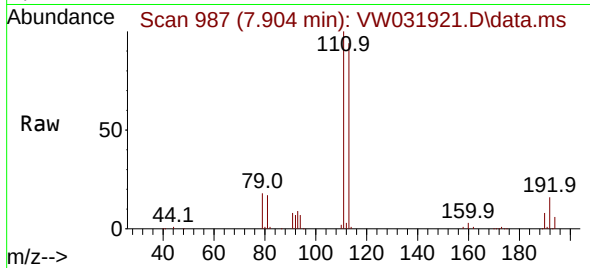
Tgt Ion: 114 Resp: 392243
Ion Ratio Lower Upper
114 100
63 19.8 0.0 44.2
88 15.8 0.0 35.6





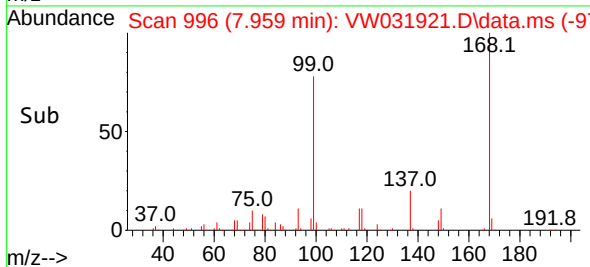
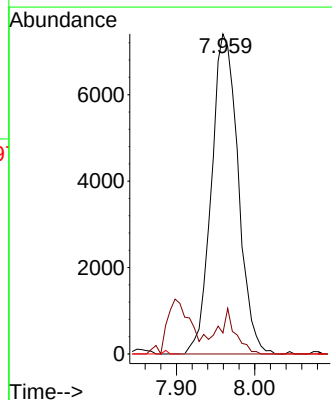
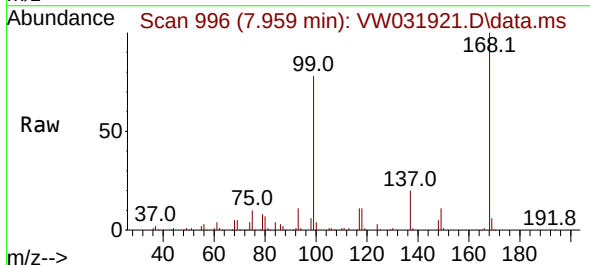
#35
Dibromofluoromethane
Concen: 48.679 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031921.D
Acq: 24 Jul 2025 11:23

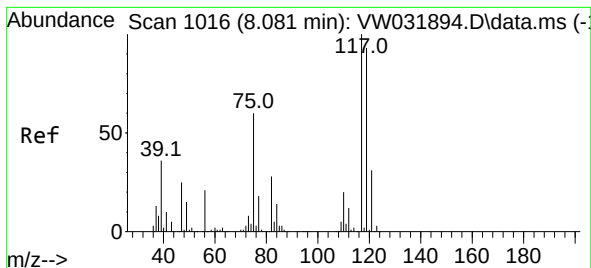
Tgt Ion: 113 Resp: 129746
Ion Ratio Lower Upper
113 100
111 105.0 79.9 119.9
192 15.7 12.6 19.0



#36
1,1-Dichloropropene
Concen: 4.283 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.140 min
Lab File: VW031921.D
Acq: 24 Jul 2025 11:23

Tgt Ion: 75 Resp: 17531
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.361 ug/l

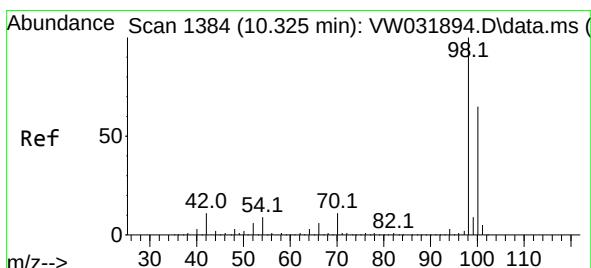
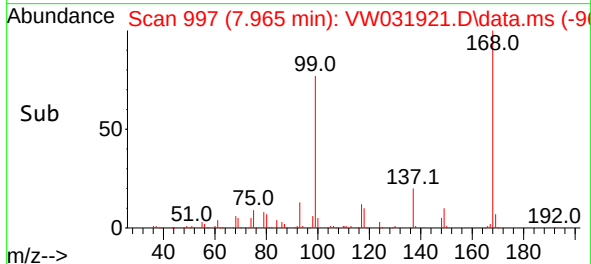
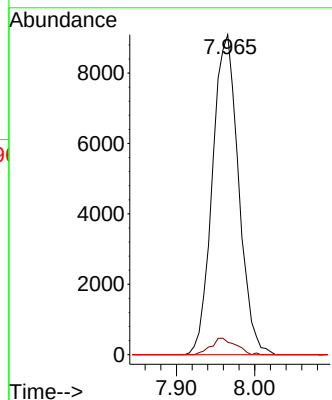
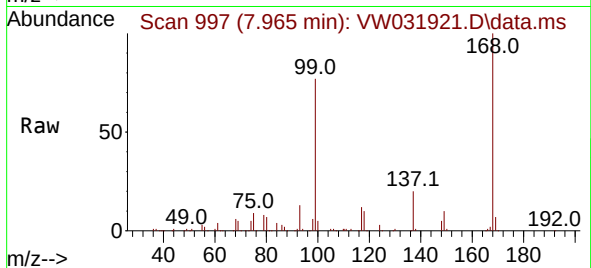
RT: 7.965 min Scan# 997

Delta R.T. -0.116 min

Lab File: VW031921.D

Acq: 24 Jul 2025 11:23

Tgt Ion:117	Resp:	21058
Ion	Ratio	Lower Upper
117	100	
119	3.9	74.3 111.5#
121	0.0	24.6 37.0#



#50

Toluene-d8

Concen: 47.465 ug/l

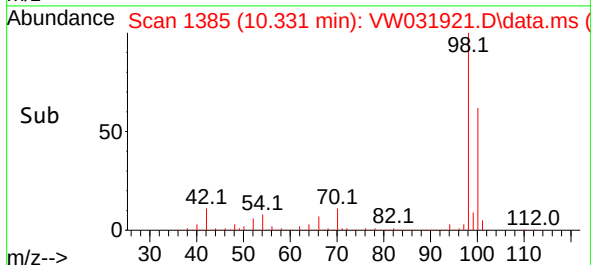
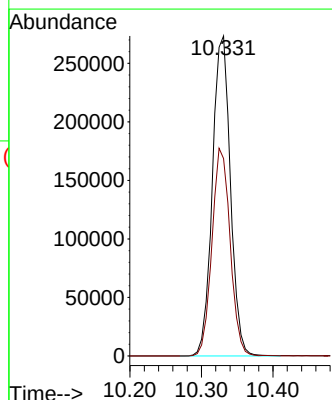
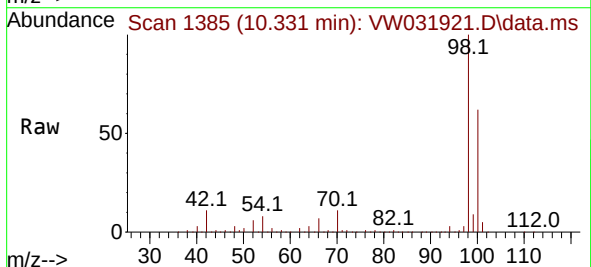
RT: 10.331 min Scan# 1385

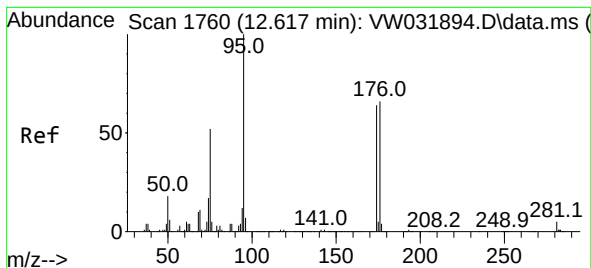
Delta R.T. 0.006 min

Lab File: VW031921.D

Acq: 24 Jul 2025 11:23

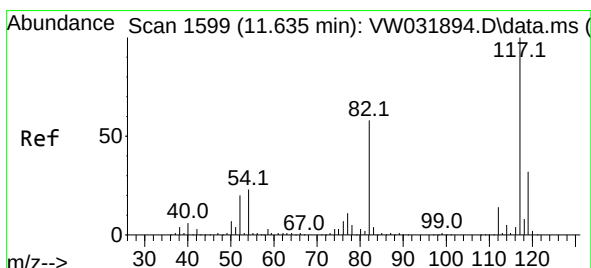
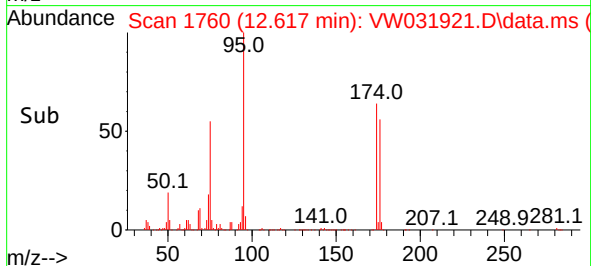
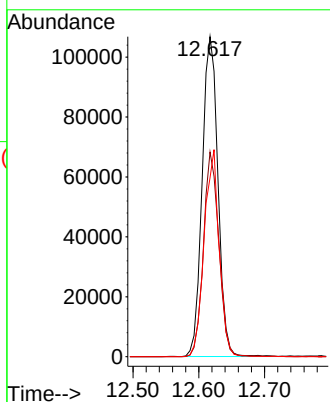
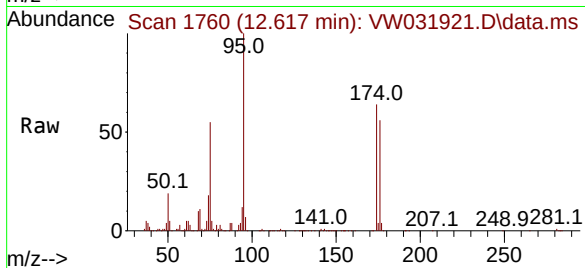
Tgt Ion: 98	Resp:	478800
Ion	Ratio	Lower Upper
98	100	
100	65.5	51.7 77.5





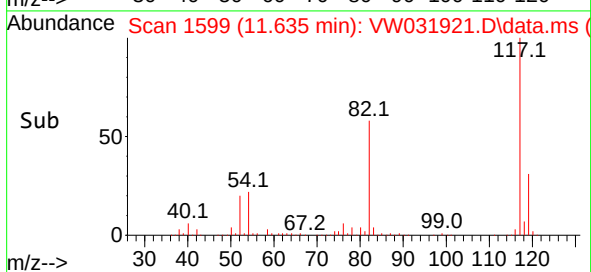
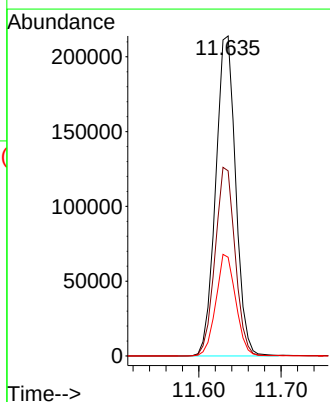
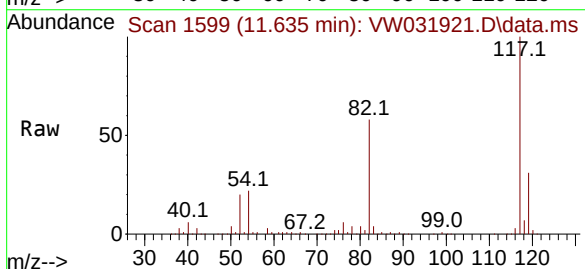
#62
4-Bromofluorobenzene
Concen: 46.097 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031921.D
Acq: 24 Jul 2025 11:23

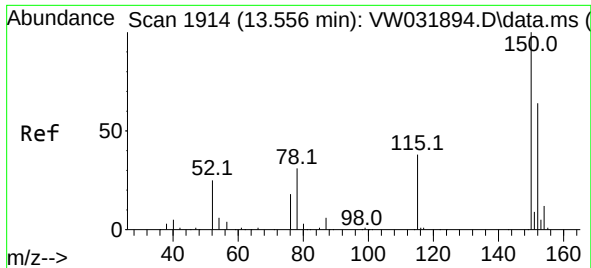
Tgt Ion: 95 Resp: 178552
Ion Ratio Lower Upper
95 100
174 62.4 0.0 129.8
176 61.7 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW031921.D
Acq: 24 Jul 2025 11:23

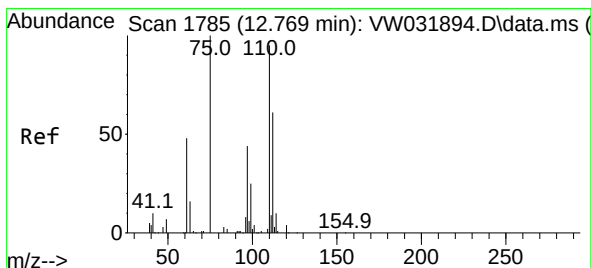
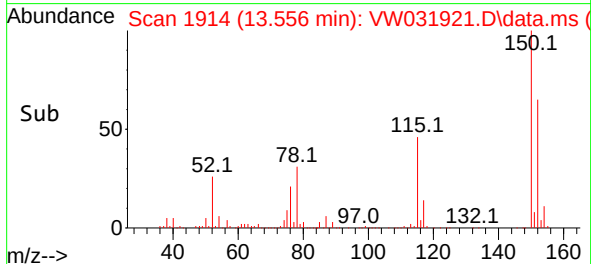
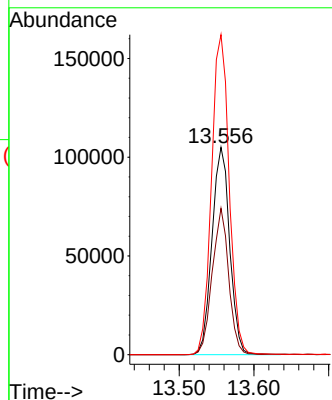
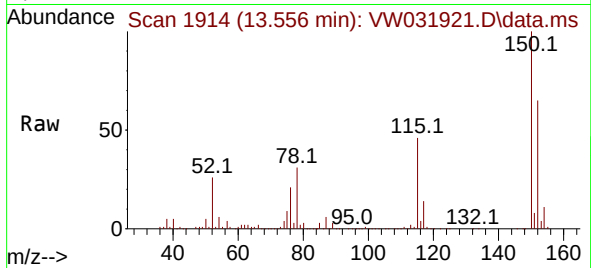
Tgt Ion: 117 Resp: 361729
Ion Ratio Lower Upper
117 100
82 57.8 46.5 69.7
119 30.8 25.8 38.6





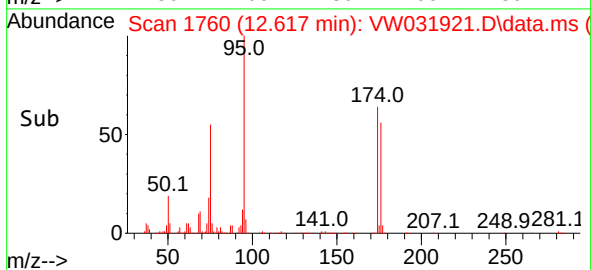
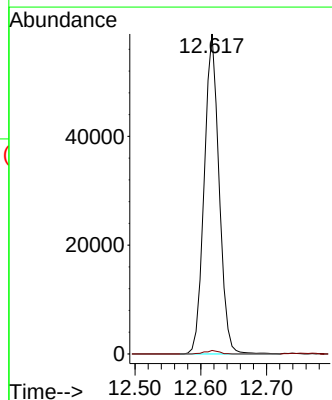
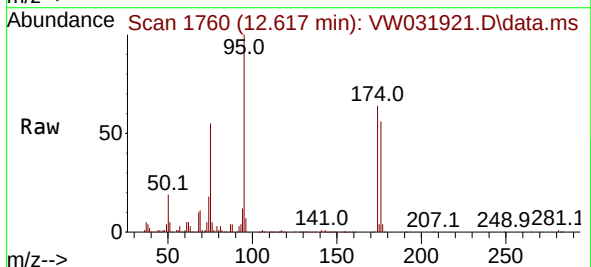
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031921.D
Acq: 24 Jul 2025 11:23

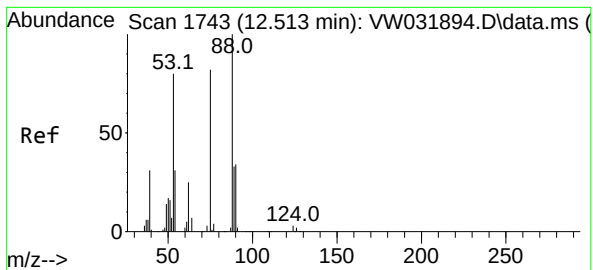
Tgt Ion:152 Resp: 172976
Ion Ratio Lower Upper
152 100
115 65.6 33.4 100.1
150 154.0 0.0 352.2



#76
1,2,3-Trichloropropane
Concen: 38.739 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.152 min
Lab File: VW031921.D
Acq: 24 Jul 2025 11:23

Tgt Ion: 75 Resp: 92516
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.437 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.104 min
Lab File: VW031921.D
Acq: 24 Jul 2025 11:23

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

