

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
 Data File : VW031923.D
 Acq On : 24 Jul 2025 12:07
 Operator : SY/MD
 Sample : Q2689-01
 Misc : 5.02g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 25 03:43:54 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

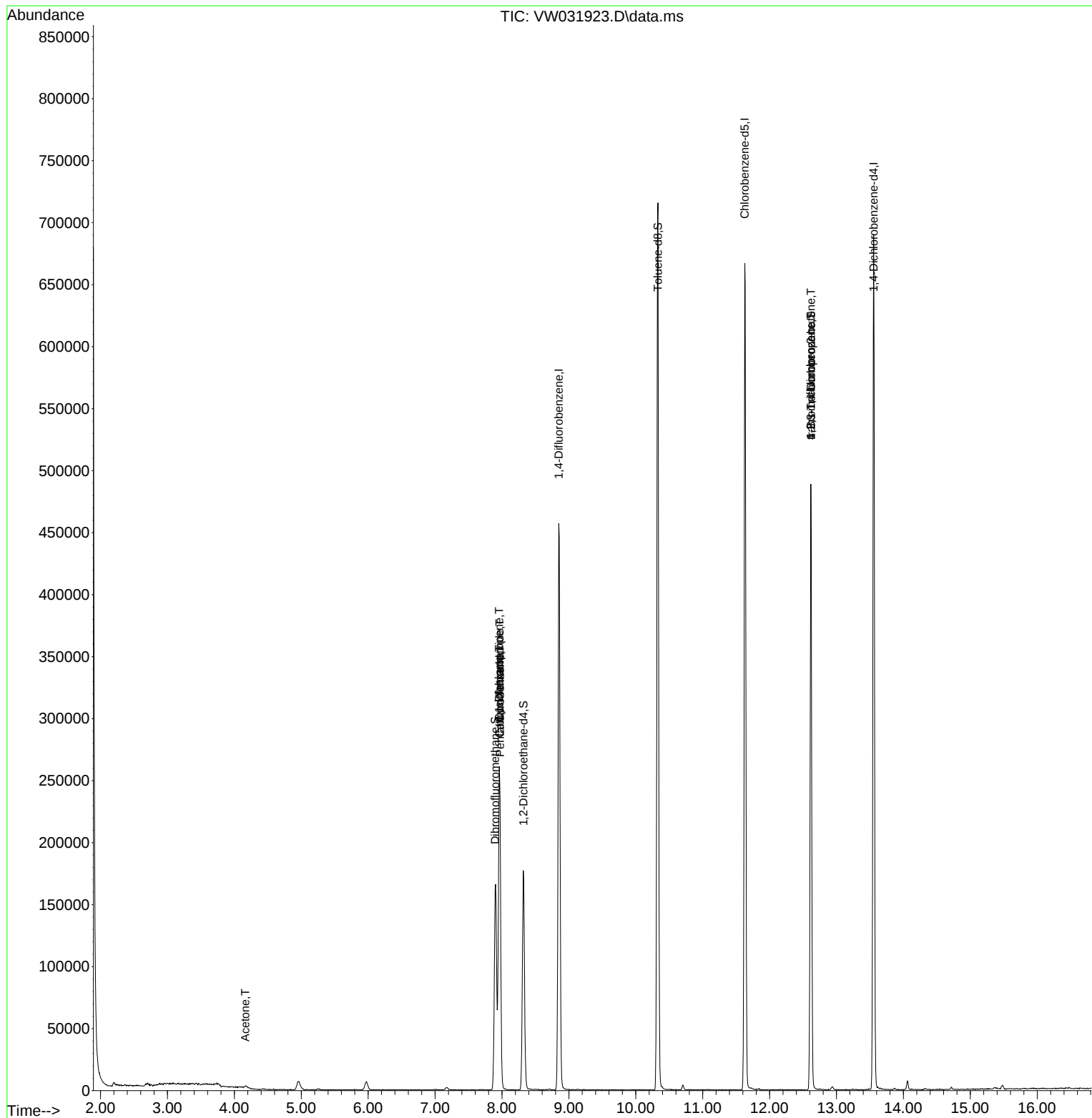
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

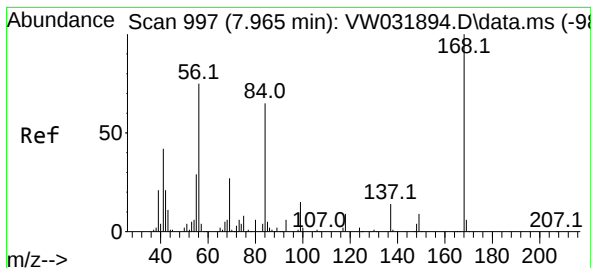
Internal Standards						
1) Pentafluorobenzene	7.971	168	182835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	384822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	362039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	174319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	145756	52.699	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 105.400%		
35) Dibromofluoromethane	7.898	113	125999	48.185	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 96.360%		
50) Toluene-d8	10.331	98	479484	48.449	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 96.900%		
62) 4-Bromofluorobenzene	12.617	95	171852	45.223	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 90.440%		
Target Compounds						
					Qvalue	
13) Acrolein	3.954	56	105	Below Cal	#	82
16) Acetone	4.161	43	1311	1.998	ug/l	99
20) Methylene Chloride	4.948	84	6310	Below Cal	#	85
31) Cyclohexane	7.959	56	4328	1.020	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	17067	4.250	ug/l #	44
38) Carbon Tetrachloride	7.965	117	20982	5.444	ug/l #	18
76) 1,2,3-Trichloropropane	12.617	75	88143	36.623	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.617	75	88143	84.553	ug/l #	8

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

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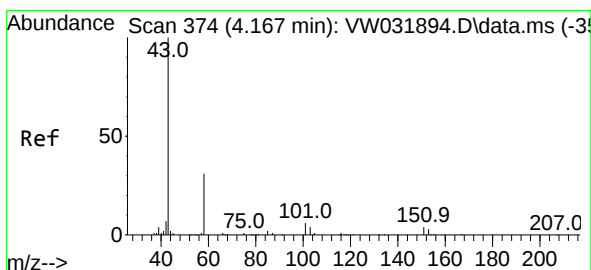
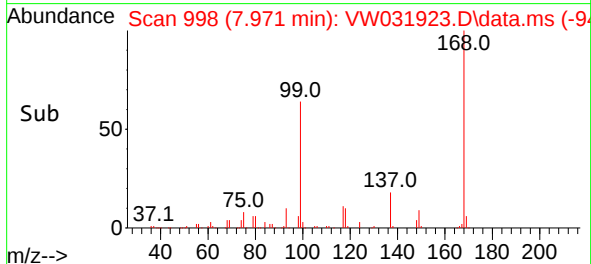
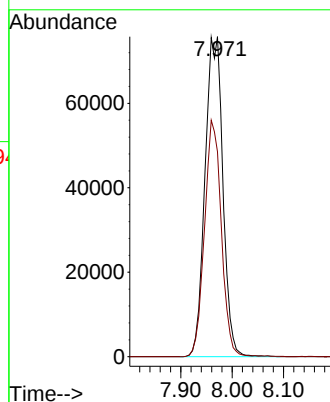
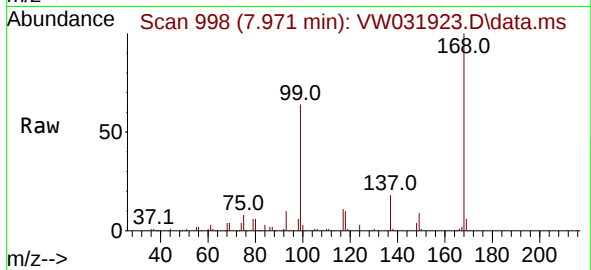
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
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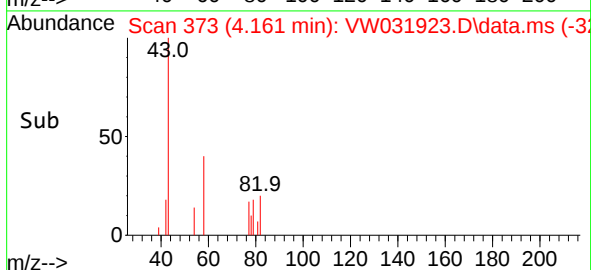
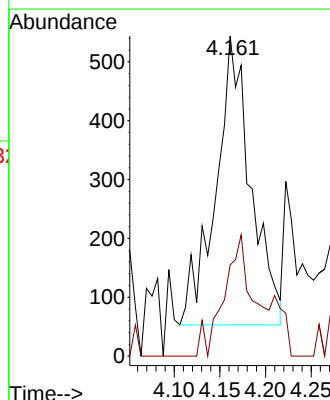
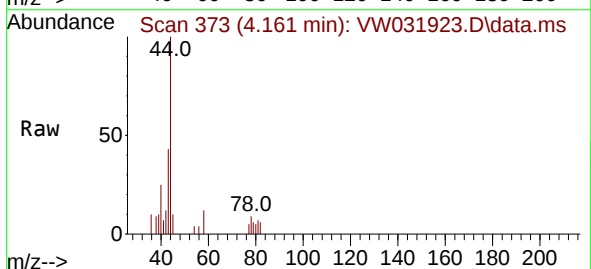
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.006 min
Lab File: VW031923.D
Acq: 24 Jul 2025 12:07

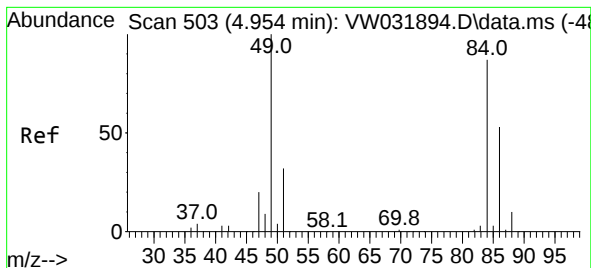
Tgt Ion: 168 Resp: 182835
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.2



#16
Acetone
Concen: 1.998 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW031923.D
Acq: 24 Jul 2025 12:07

Tgt Ion: 43 Resp: 1311
Ion Ratio Lower Upper
43 100
58 31.6 25.5 38.3





#20

Methylene Chloride

Concen: Below Cal

RT: 4.948 min Scan# 502

Delta R.T. -0.006 min

Lab File: VW031923.D

Acq: 24 Jul 2025 12:07

Tgt Ion: 84 Resp: 6310

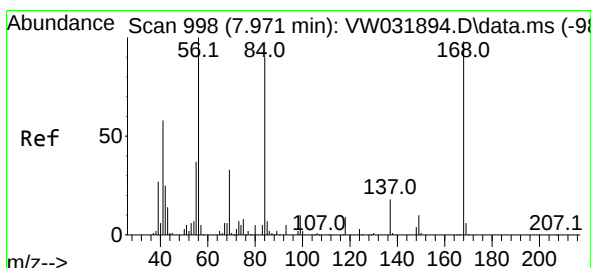
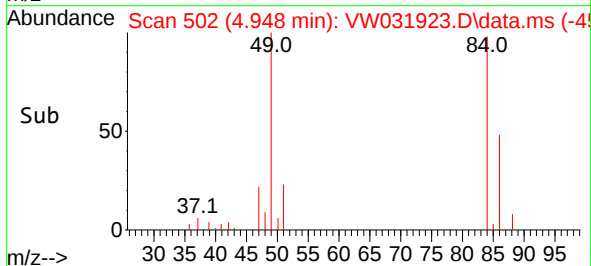
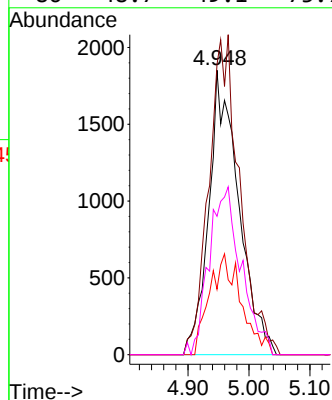
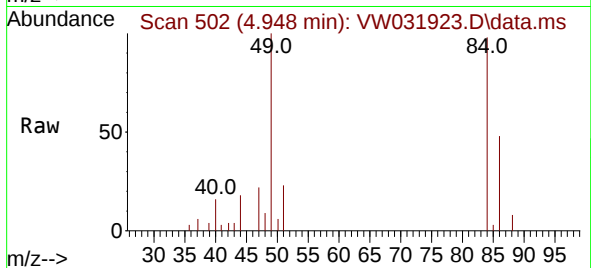
Ion Ratio Lower Upper

84 100

49 102.0 91.9 137.9

51 23.0 29.0 43.6#

86 48.7 49.1 73.7#



#31

Cyclohexane

Concen: 1.020 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.012 min

Lab File: VW031923.D

Acq: 24 Jul 2025 12:07

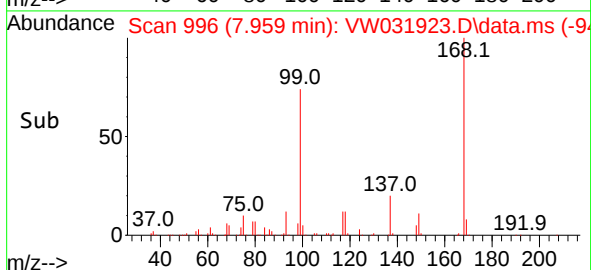
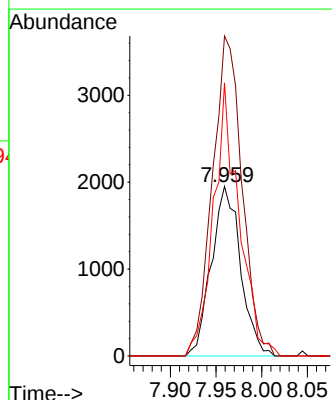
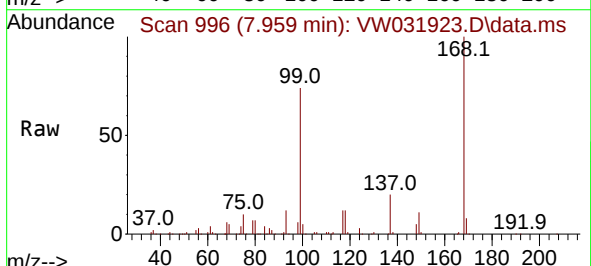
Tgt Ion: 56 Resp: 4328

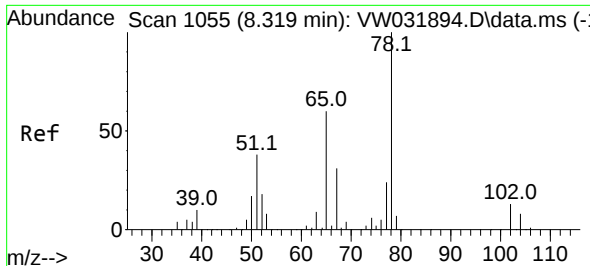
Ion Ratio Lower Upper

56 100

69 188.7 26.7 40.1#

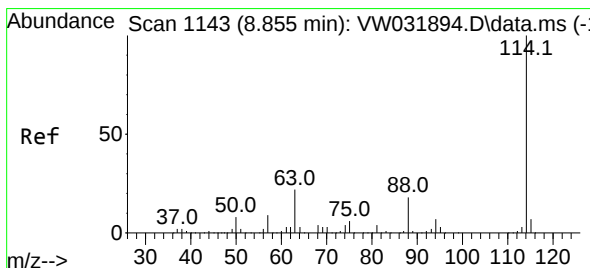
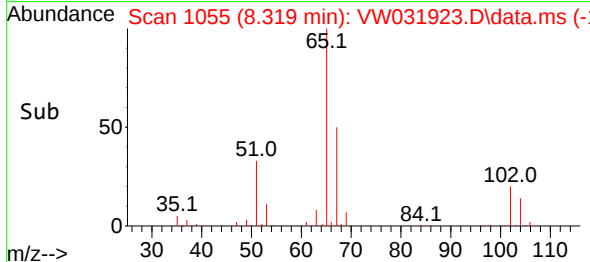
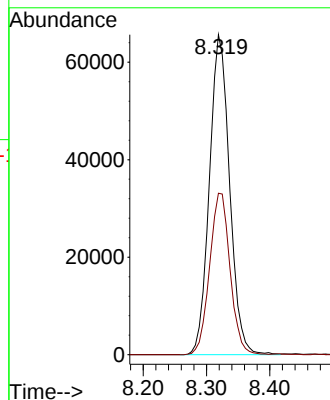
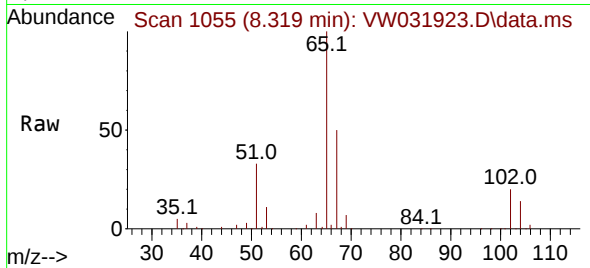
84 161.0 71.8 107.6#





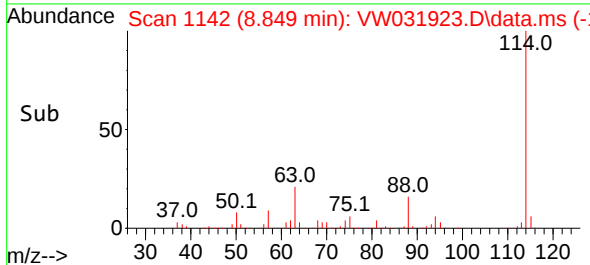
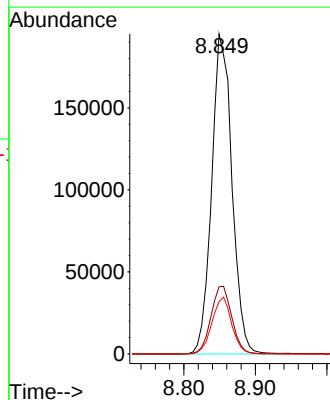
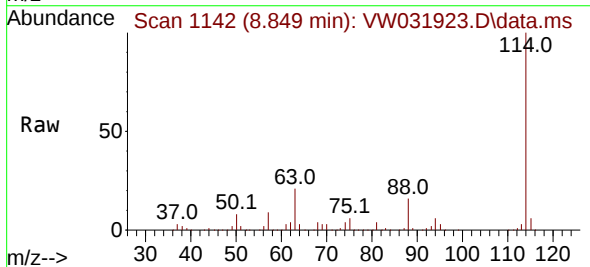
#33
 1,2-Dichloroethane-d4
 Concen: 52.699 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031923.D
 Acq: 24 Jul 2025 12:07

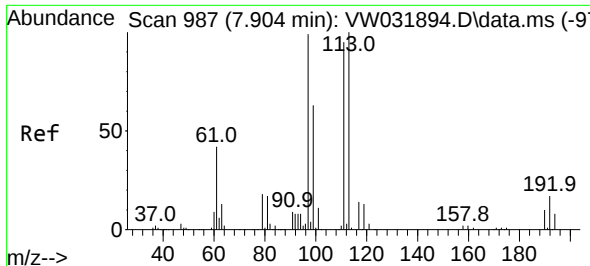
Tgt Ion: 65 Resp: 145756
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031923.D
 Acq: 24 Jul 2025 12:07

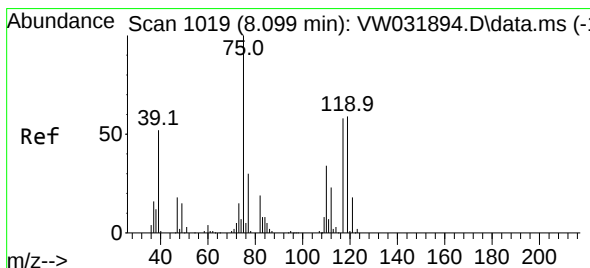
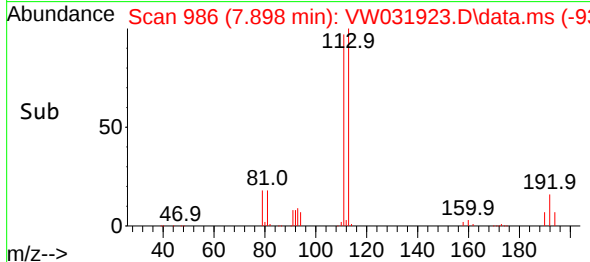
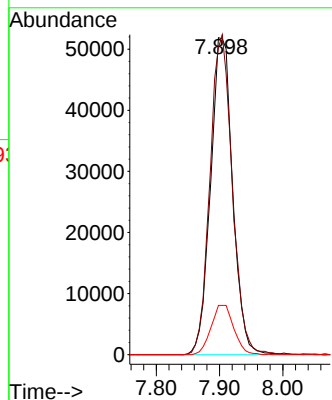
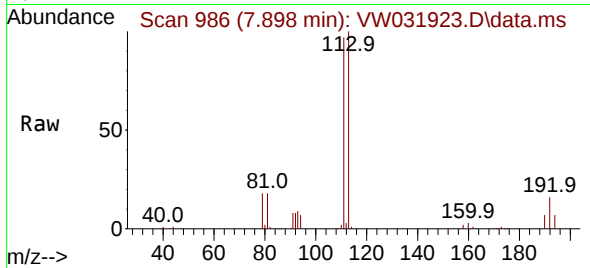
Tgt Ion: 114 Resp: 384822
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 44.2
 88 16.3 0.0 35.6





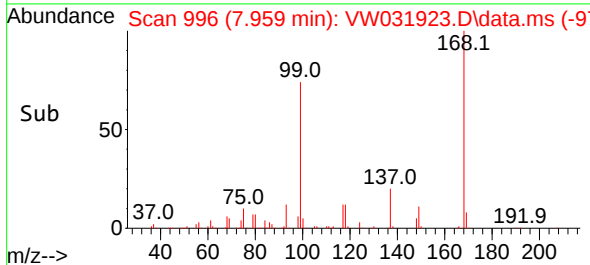
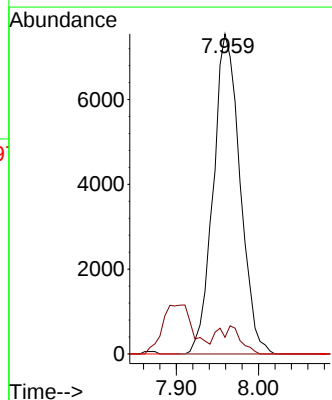
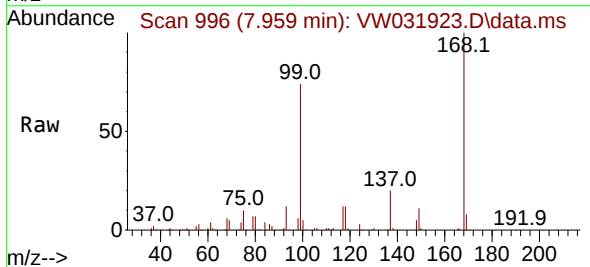
#35
Dibromofluoromethane
Concen: 48.185 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031923.D
Acq: 24 Jul 2025 12:07

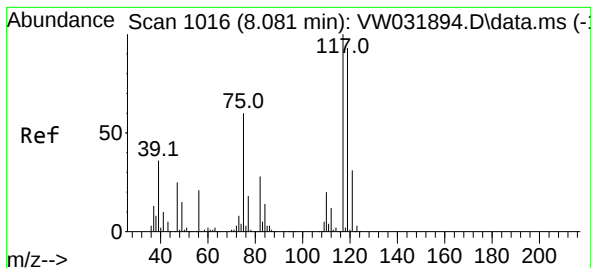
Tgt Ion:113 Resp: 125999
Ion Ratio Lower Upper
113 100
111 101.9 79.9 119.9
192 16.0 12.6 19.0



#36
1,1-Dichloropropene
Concen: 4.250 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.140 min
Lab File: VW031923.D
Acq: 24 Jul 2025 12:07

Tgt Ion: 75 Resp: 17067
Ion Ratio Lower Upper
75 100
110 1.8 17.0 50.9#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.444 ug/l

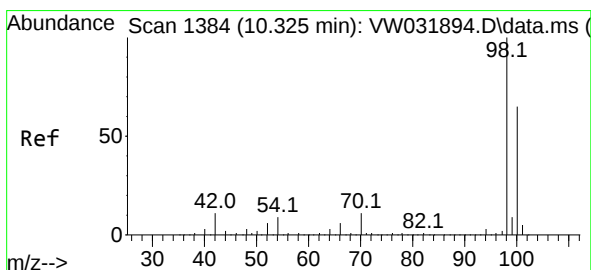
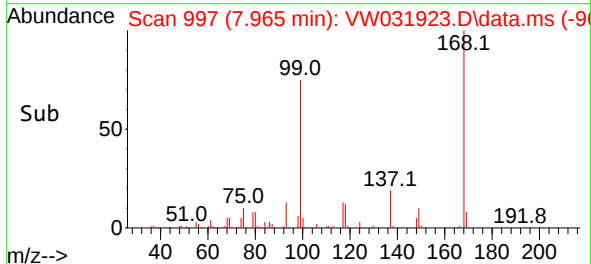
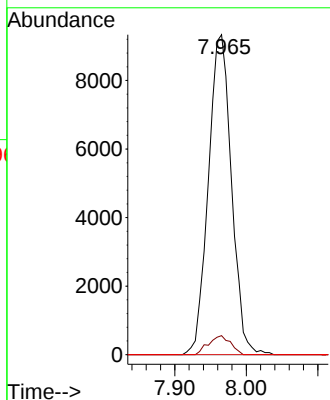
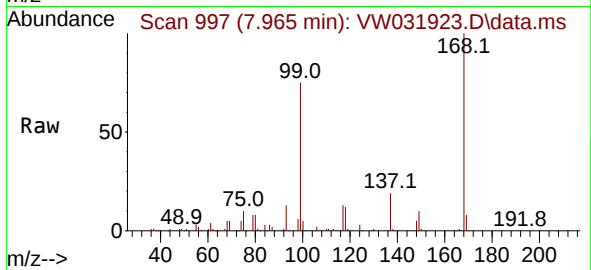
RT: 7.965 min Scan# 997

Delta R.T. -0.116 min

Lab File: VW031923.D

Acq: 24 Jul 2025 12:07

Tgt Ion:	117	Resp:	20982
Ion	Ratio	Lower	Upper
117	100		
119	5.9	74.3	111.5#
121	0.0	24.6	37.0#



#50

Toluene-d8

Concen: 48.449 ug/l

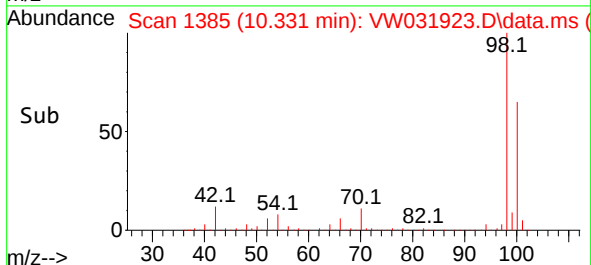
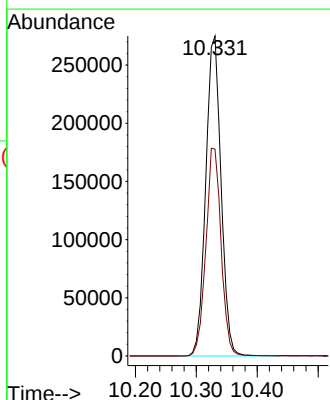
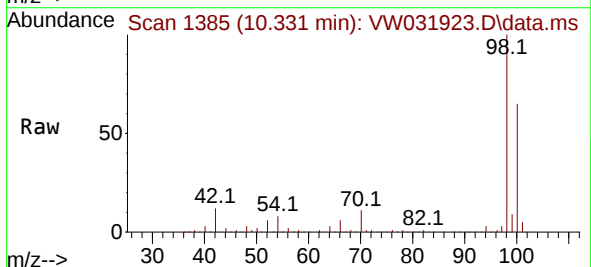
RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW031923.D

Acq: 24 Jul 2025 12:07

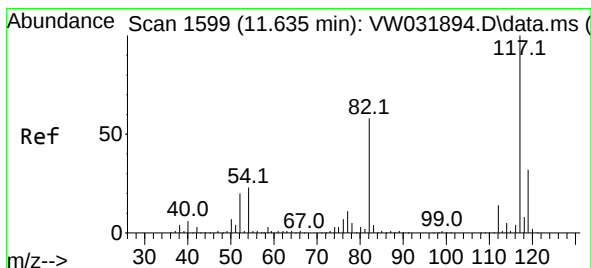
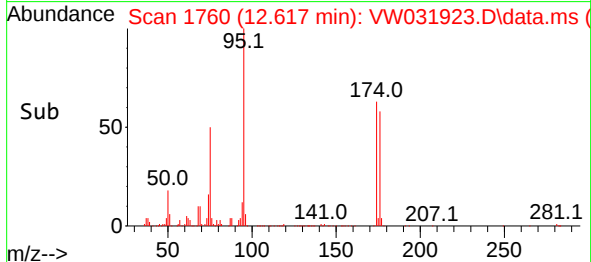
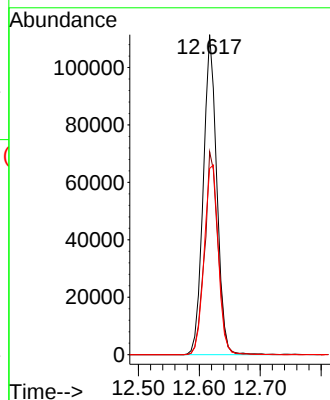
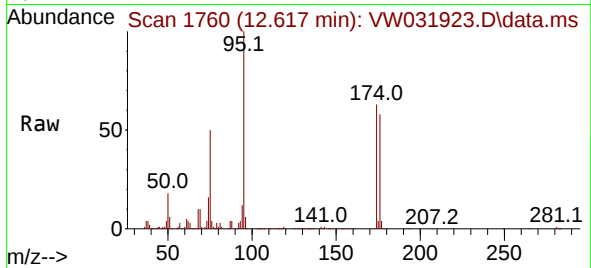
Tgt Ion:	98	Resp:	479484
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5





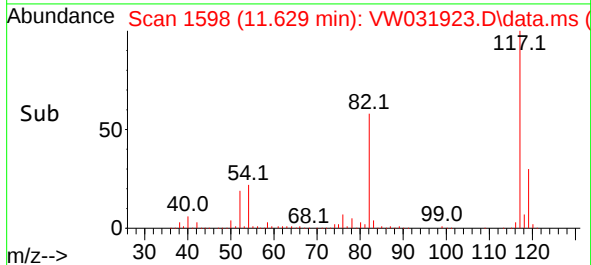
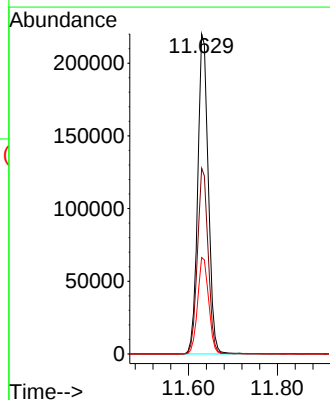
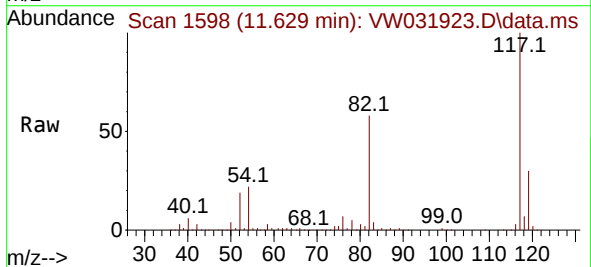
#62
4-Bromofluorobenzene
Concen: 45.223 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031923.D
Acq: 24 Jul 2025 12:07

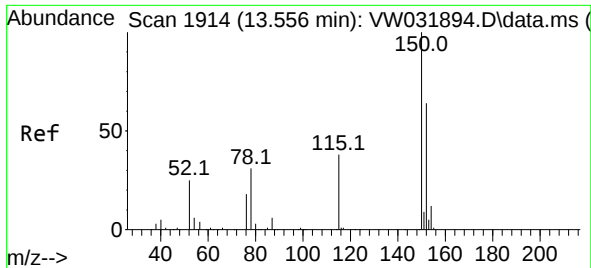
Tgt Ion: 95 Resp: 171852
Ion Ratio Lower Upper
95 100
174 63.3 0.0 129.8
176 62.3 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW031923.D
Acq: 24 Jul 2025 12:07

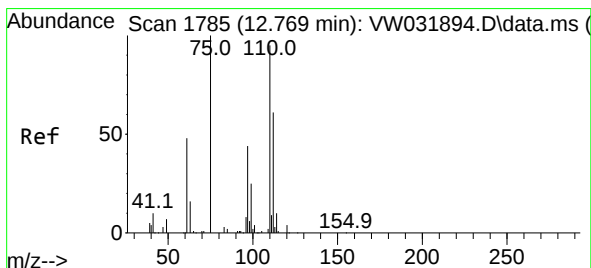
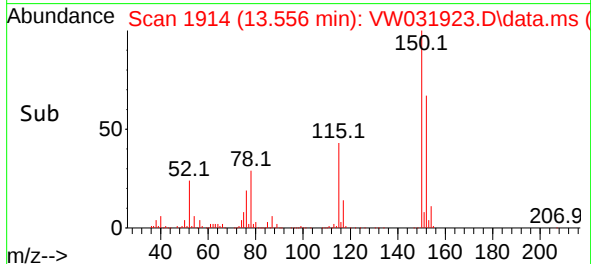
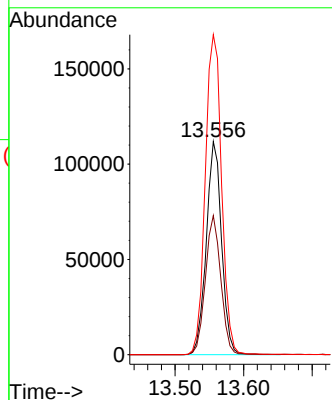
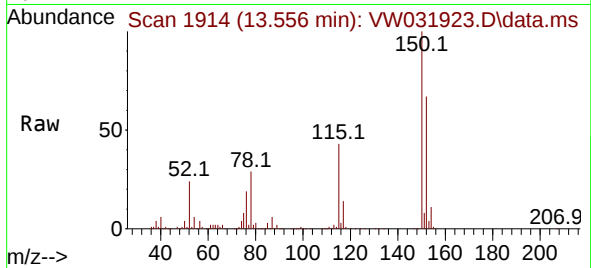
Tgt Ion: 117 Resp: 362039
Ion Ratio Lower Upper
117 100
82 58.1 46.5 69.7
119 30.1 25.8 38.6





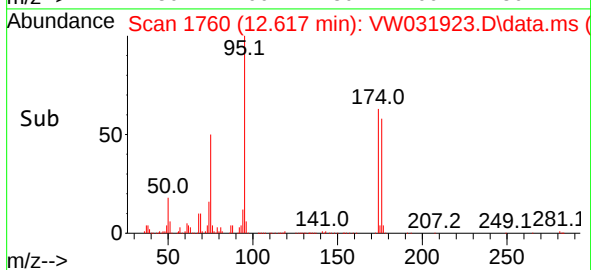
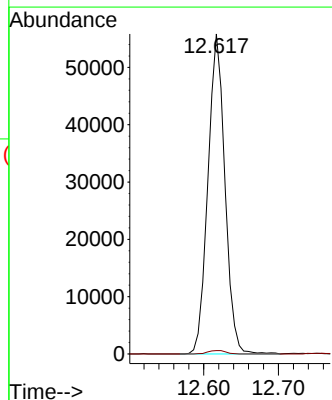
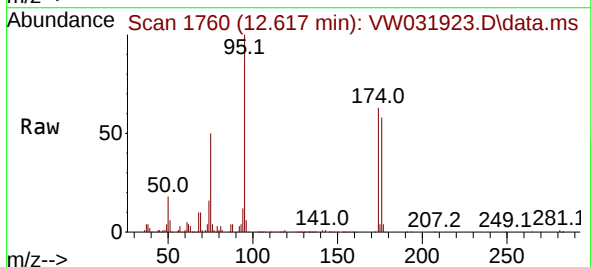
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031923.D
Acq: 24 Jul 2025 12:07

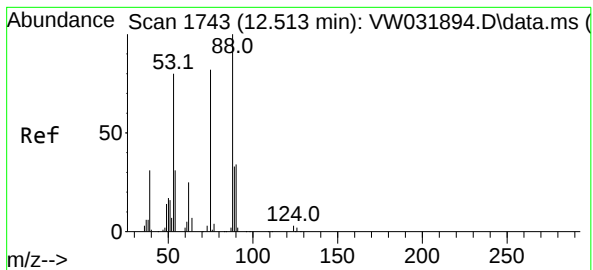
Tgt Ion:152 Resp: 174319
Ion Ratio Lower Upper
152 100
115 65.7 33.4 100.1
150 159.7 0.0 352.2



#76
1,2,3-Trichloropropane
Concen: 36.623 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.152 min
Lab File: VW031923.D
Acq: 24 Jul 2025 12:07

Tgt Ion: 75 Resp: 88143
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.553 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. 0.104 min
 Lab File: VW031923.D
 Acq: 24 Jul 2025 12:07

Tgt Ion: 75 Resp: 88143
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.7 125.5#
 89 0.0 39.0 58.6#

