

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
 Data File : VW031922.D
 Acq On : 24 Jul 2025 11:45
 Operator : SY/MD
 Sample : Q2687-01
 Misc : 5.11g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 25 03:43:34 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

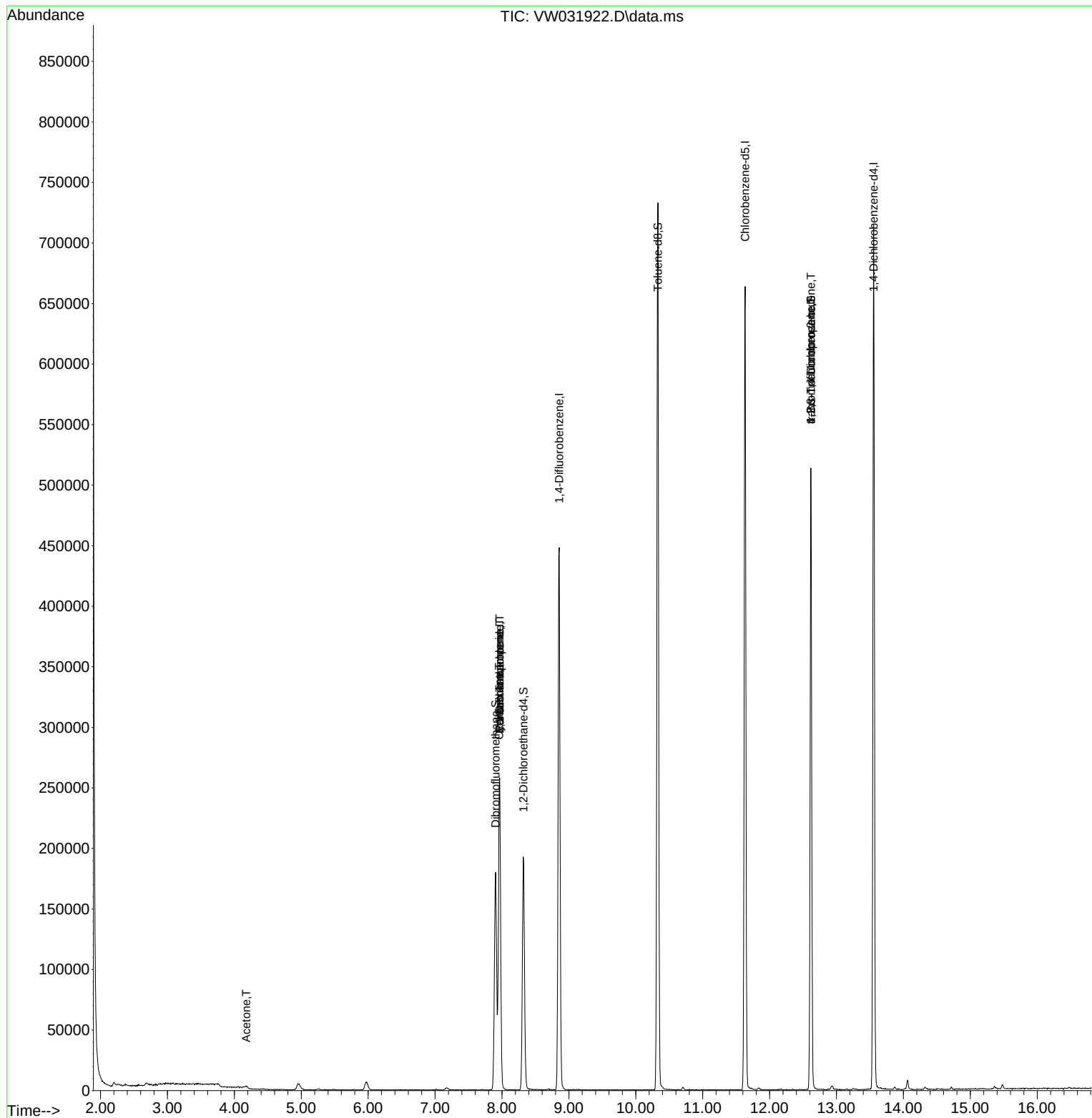
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

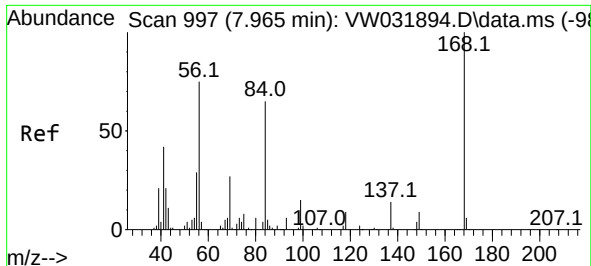
Internal Standards						
1) Pentafluorobenzene	7.965	168	171597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	379541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	359932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	160496	61.828	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 123.660%		
35) Dibromofluoromethane	7.904	113	131079	50.825	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 101.640%		
50) Toluene-d8	10.331	98	493492	50.558	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 101.120%		
62) 4-Bromofluorobenzene	12.617	95	184233	49.155	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 98.320%		
Target Compounds						
					Qvalue	
13) Acrolein	3.941	56	60	Below Cal	#	12
16) Acetone	4.179	43	1436	2.331	ug/l	91
20) Methylene Chloride	4.947	84	4384	Below Cal	#	86
31) Cyclohexane	7.959	56	4237	1.064	ug/l #	1
36) 1,1-Dichloropropene	7.965	75	16819	4.247	ug/l #	51
38) Carbon Tetrachloride	7.965	117	20858	5.487	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	95116	39.809	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.617	75	95116	91.908	ug/l #	8

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

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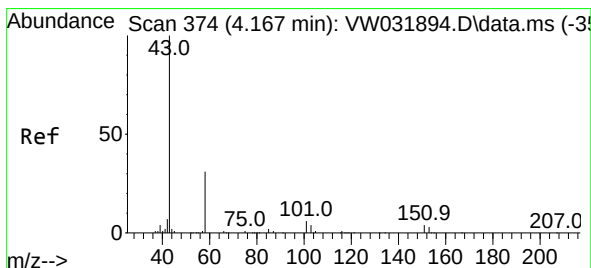
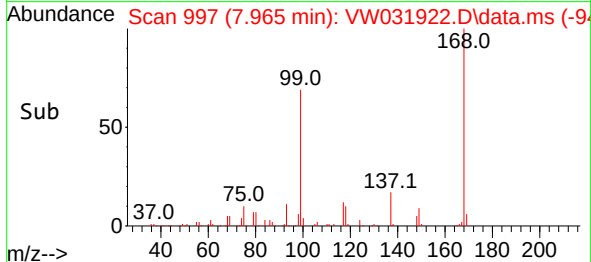
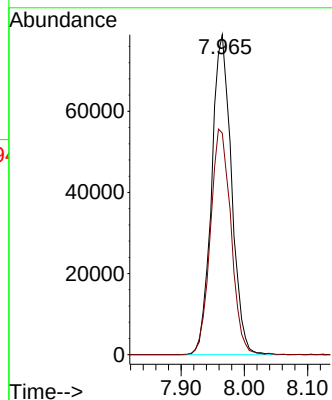
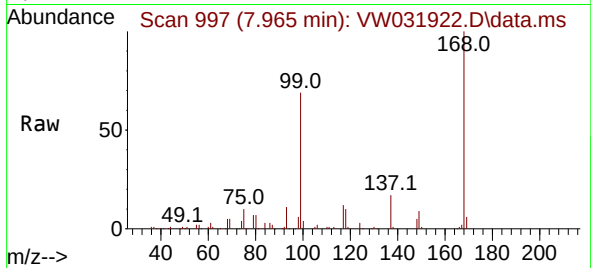
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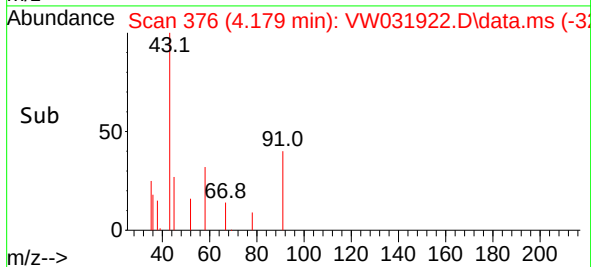
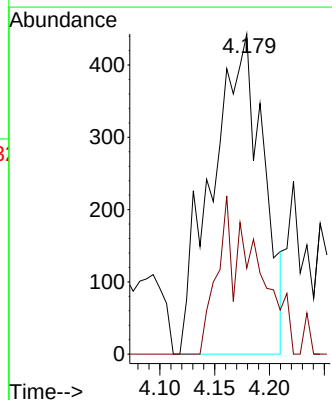
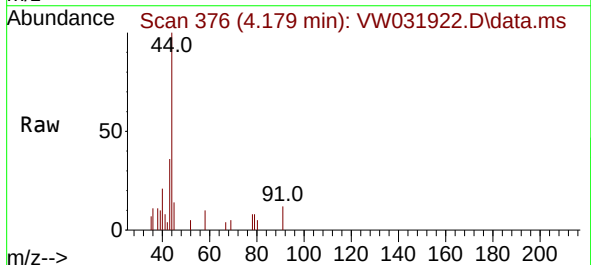
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031922.D
Acq: 24 Jul 2025 11:45

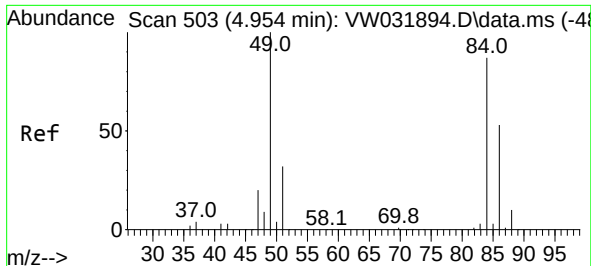
Tgt Ion:168 Resp: 171597
Ion Ratio Lower Upper
168 100
99 69.3 48.2 72.2



#16
Acetone
Concen: 2.331 ug/l
RT: 4.179 min Scan# 376
Delta R.T. 0.012 min
Lab File: VW031922.D
Acq: 24 Jul 2025 11:45

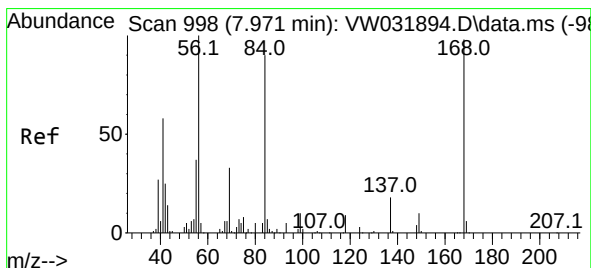
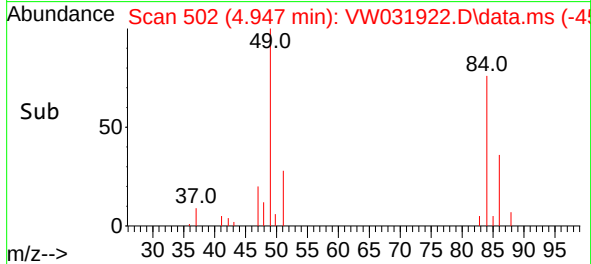
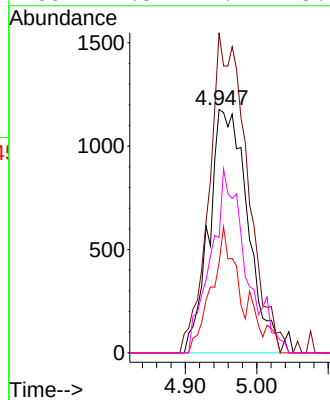
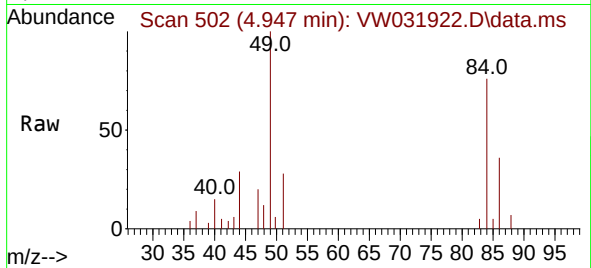
Tgt Ion: 43 Resp: 1436
Ion Ratio Lower Upper
43 100
58 26.9 25.5 38.3





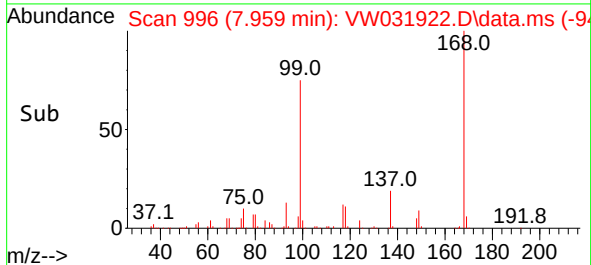
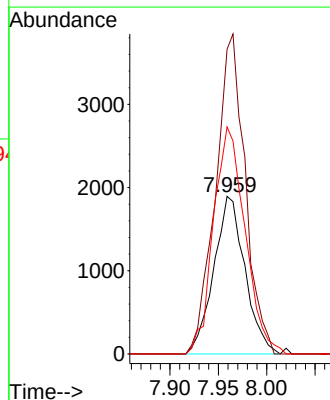
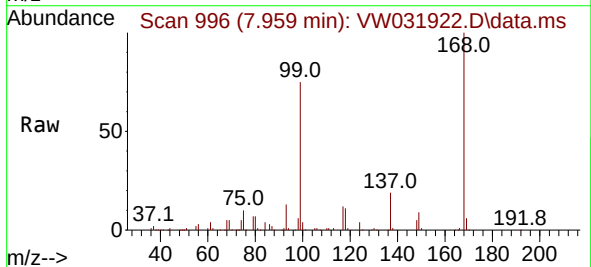
#20
Methylene Chloride
Concen: Below Cal
RT: 4.947 min Scan# 502
Delta R.T. -0.007 min
Lab File: VW031922.D
Acq: 24 Jul 2025 11:45

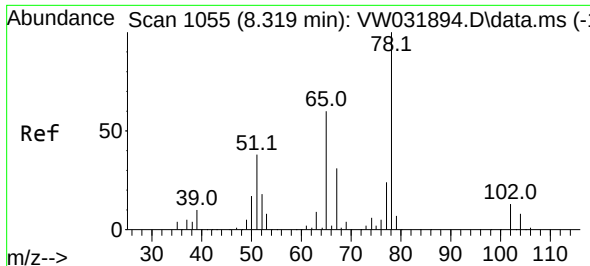
Tgt Ion:	84	Resp:	4384
Ion	Ratio	Lower	Upper
84	100		
49	131.6	91.9	137.9
51	37.0	29.0	43.6
86	47.3	49.1	73.7#



#31
Cyclohexane
Concen: 1.064 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031922.D
Acq: 24 Jul 2025 11:45

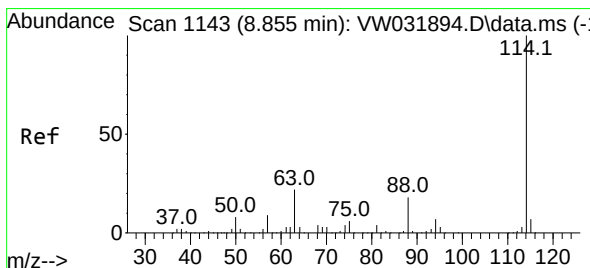
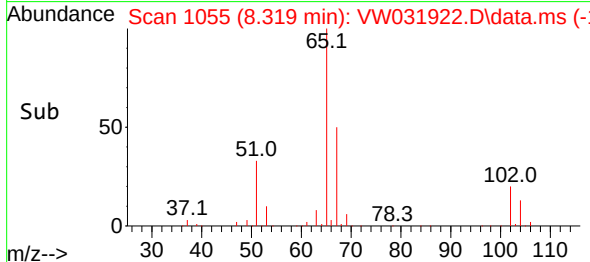
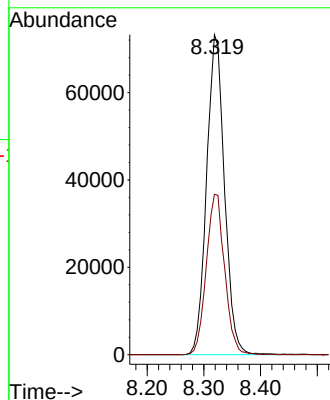
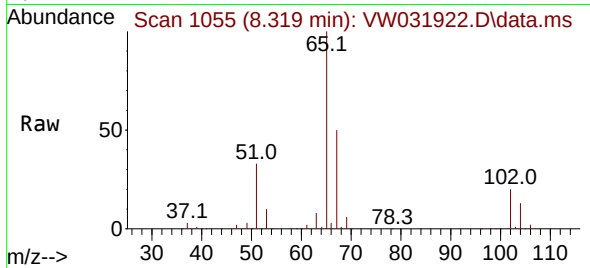
Tgt Ion:	56	Resp:	4237
Ion	Ratio	Lower	Upper
56	100		
69	193.5	26.7	40.1#
84	144.1	71.8	107.6#





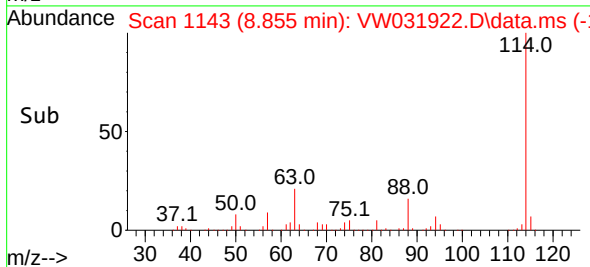
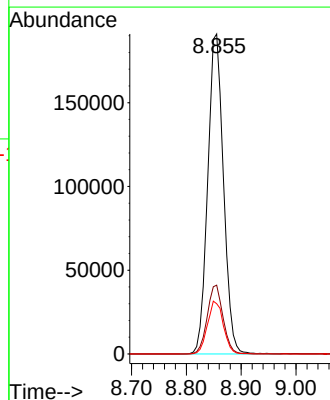
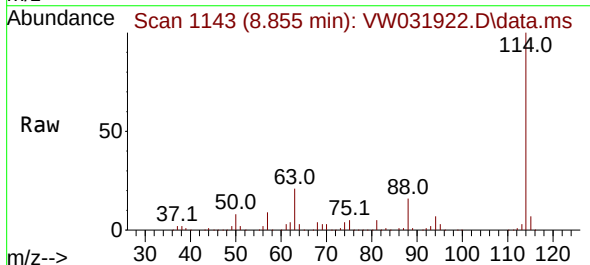
#33
1,2-Dichloroethane-d4
Concen: 61.828 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW031922.D
Acq: 24 Jul 2025 11:45

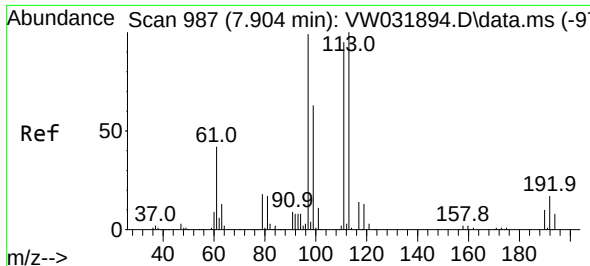
Tgt Ion: 65 Resp: 160496
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VW031922.D
Acq: 24 Jul 2025 11:45

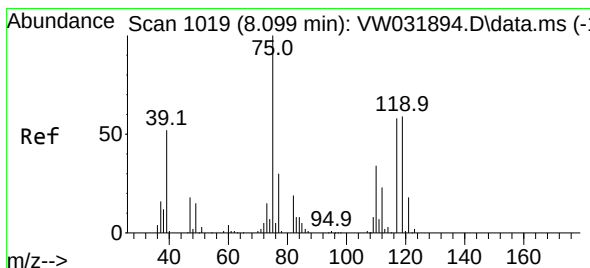
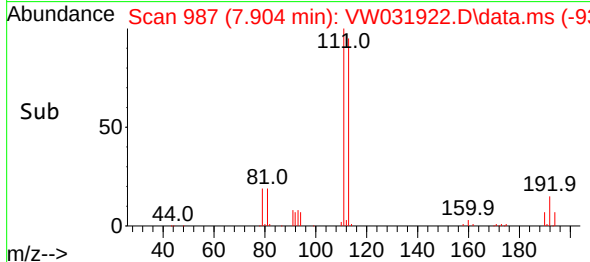
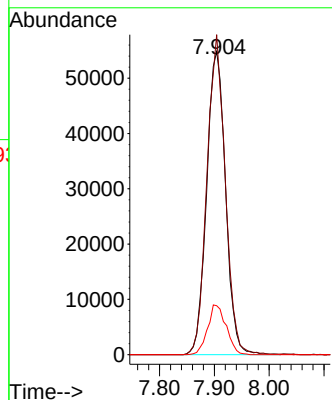
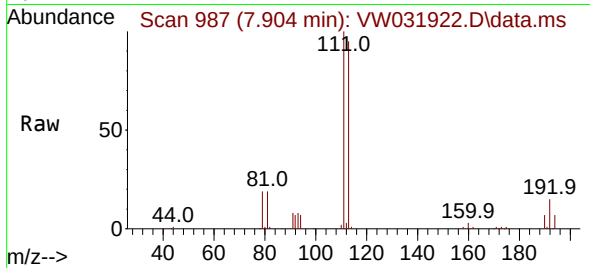
Tgt Ion: 114 Resp: 379541
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.2
88 15.7 0.0 35.6





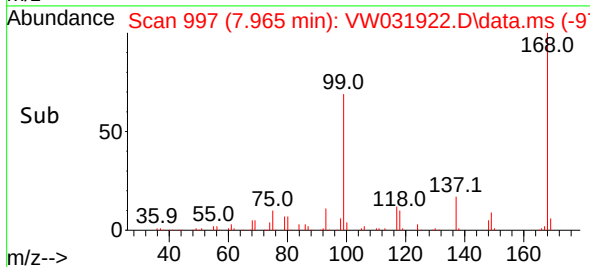
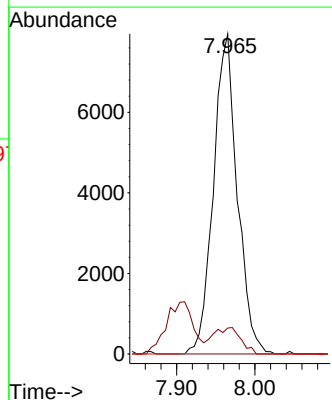
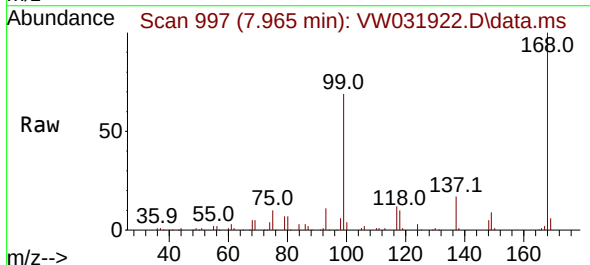
#35
 Dibromofluoromethane
 Concen: 50.825 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. -0.000 min
 Lab File: VW031922.D
 Acq: 24 Jul 2025 11:45

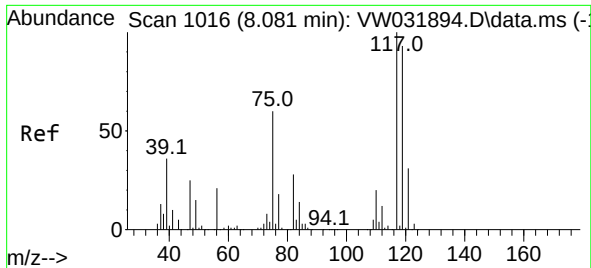
Tgt Ion:	113	Resp:	131079
Ion	Ratio	Lower	Upper
113	100		
111	102.1	79.9	119.9
192	16.2	12.6	19.0



#36
 1,1-Dichloropropene
 Concen: 4.247 ug/l
 RT: 7.965 min Scan# 997
 Delta R.T. -0.134 min
 Lab File: VW031922.D
 Acq: 24 Jul 2025 11:45

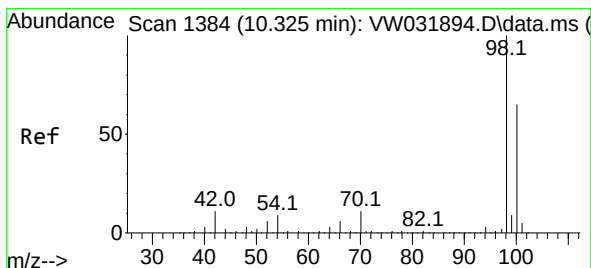
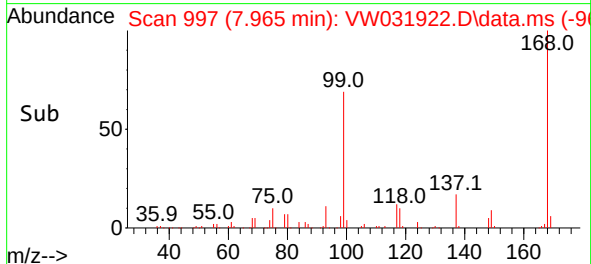
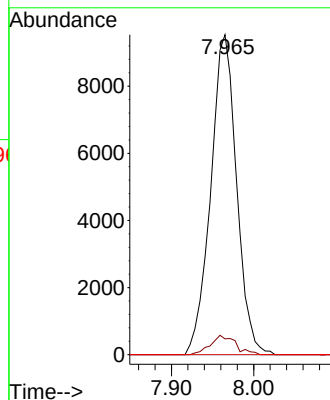
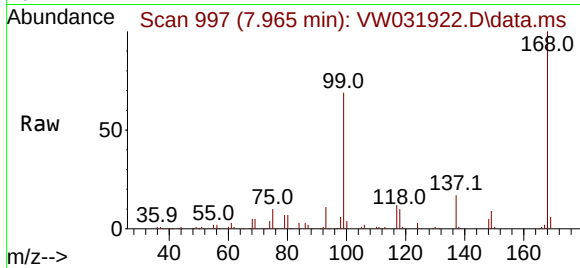
Tgt Ion:	75	Resp:	16819
Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.0	50.9#
77	0.0	25.1	37.7#





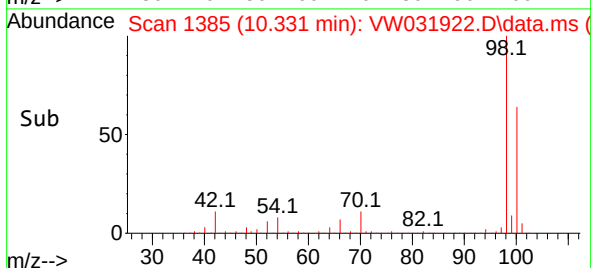
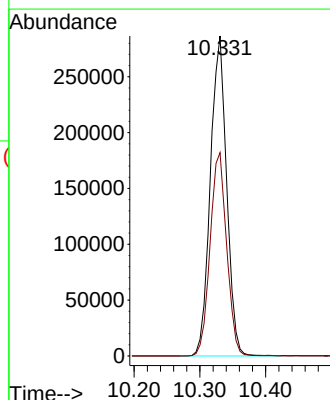
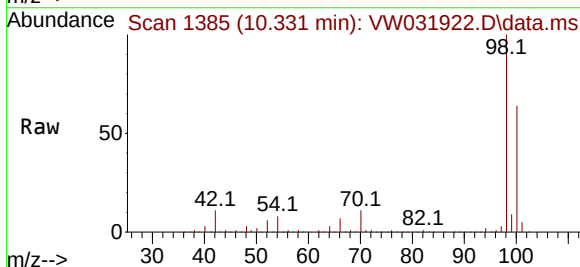
#38
Carbon Tetrachloride
Concen: 5.487 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.116 min
Lab File: VW031922.D
Acq: 24 Jul 2025 11:45

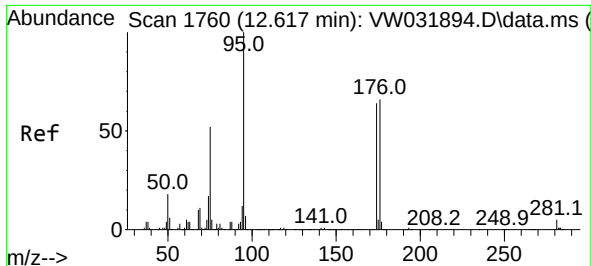
Tgt Ion: 117 Resp: 20858
Ion Ratio Lower Upper
117 100
119 5.0 74.3 111.5#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 50.558 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW031922.D
Acq: 24 Jul 2025 11:45

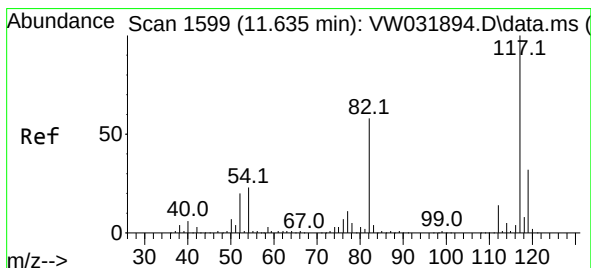
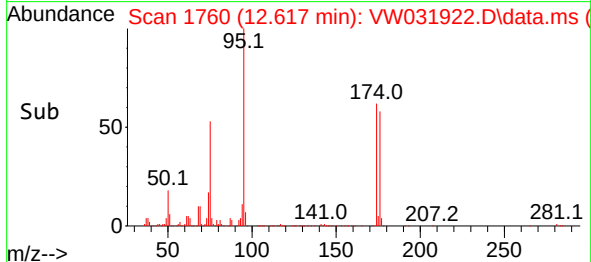
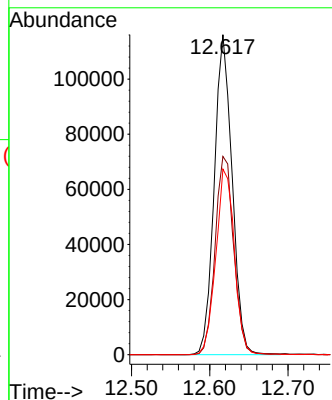
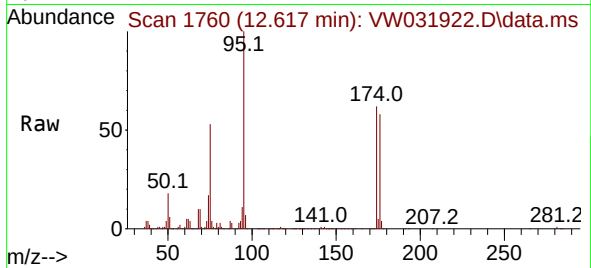
Tgt Ion: 98 Resp: 493492
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5





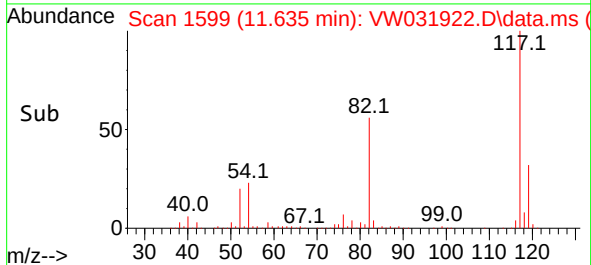
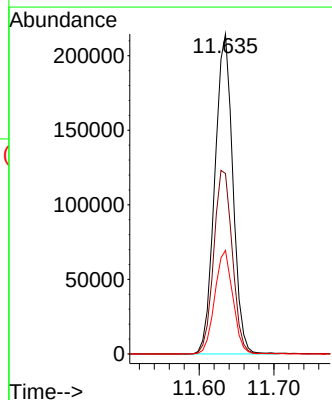
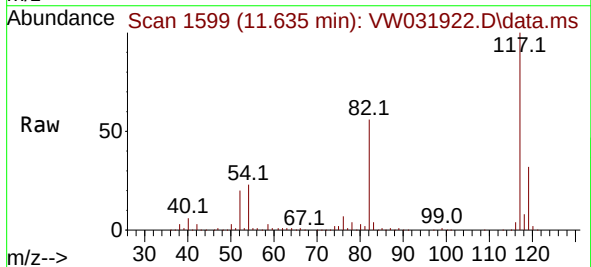
#62
4-Bromofluorobenzene
Concen: 49.155 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW031922.D
Acq: 24 Jul 2025 11:45

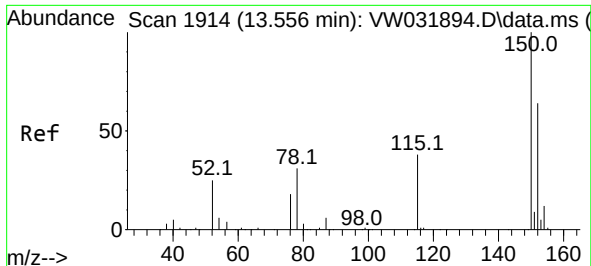
Tgt Ion: 95 Resp: 184233
Ion Ratio Lower Upper
95 100
174 64.6 0.0 129.8
176 60.3 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW031922.D
Acq: 24 Jul 2025 11:45

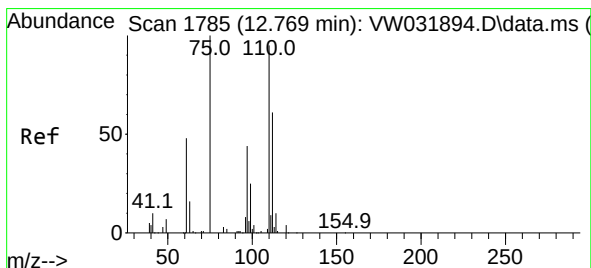
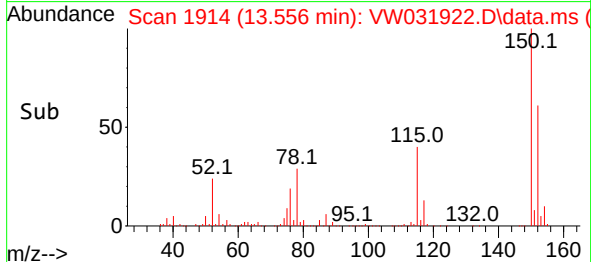
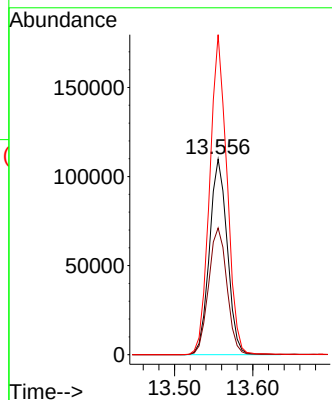
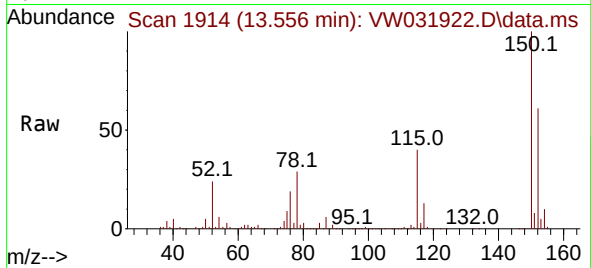
Tgt Ion: 117 Resp: 359932
Ion Ratio Lower Upper
117 100
82 56.4 46.5 69.7
119 32.4 25.8 38.6





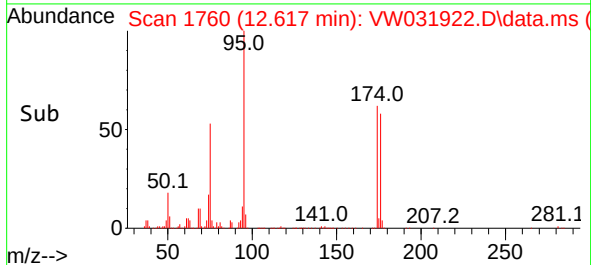
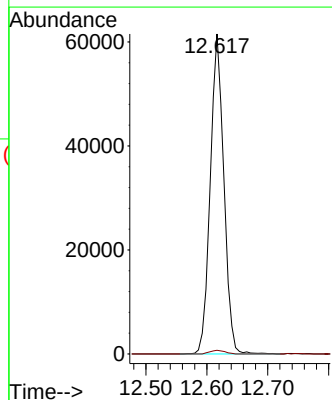
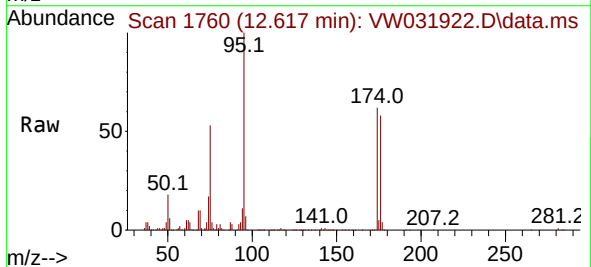
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW031922.D
 Acq: 24 Jul 2025 11:45

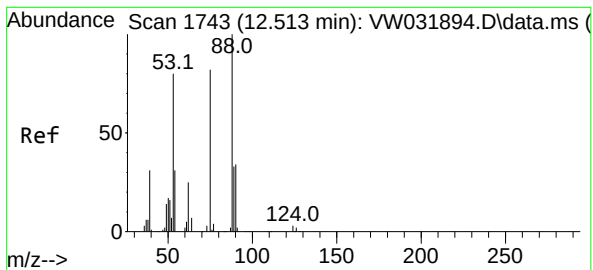
Tgt Ion:152 Resp: 173057
 Ion Ratio Lower Upper
 152 100
 115 66.8 33.4 100.1
 150 159.0 0.0 352.2



#76
 1,2,3-Trichloropropane
 Concen: 39.809 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.153 min
 Lab File: VW031922.D
 Acq: 24 Jul 2025 11:45

Tgt Ion: 75 Resp: 95116
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.908 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. 0.104 min
 Lab File: VW031922.D
 Acq: 24 Jul 2025 11:45

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

