

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
 Data File : VW031920.D
 Acq On : 24 Jul 2025 11:02
 Operator : SY/MD
 Sample : Q2675-01
 Misc : 5.26g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 25 03:42:54 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

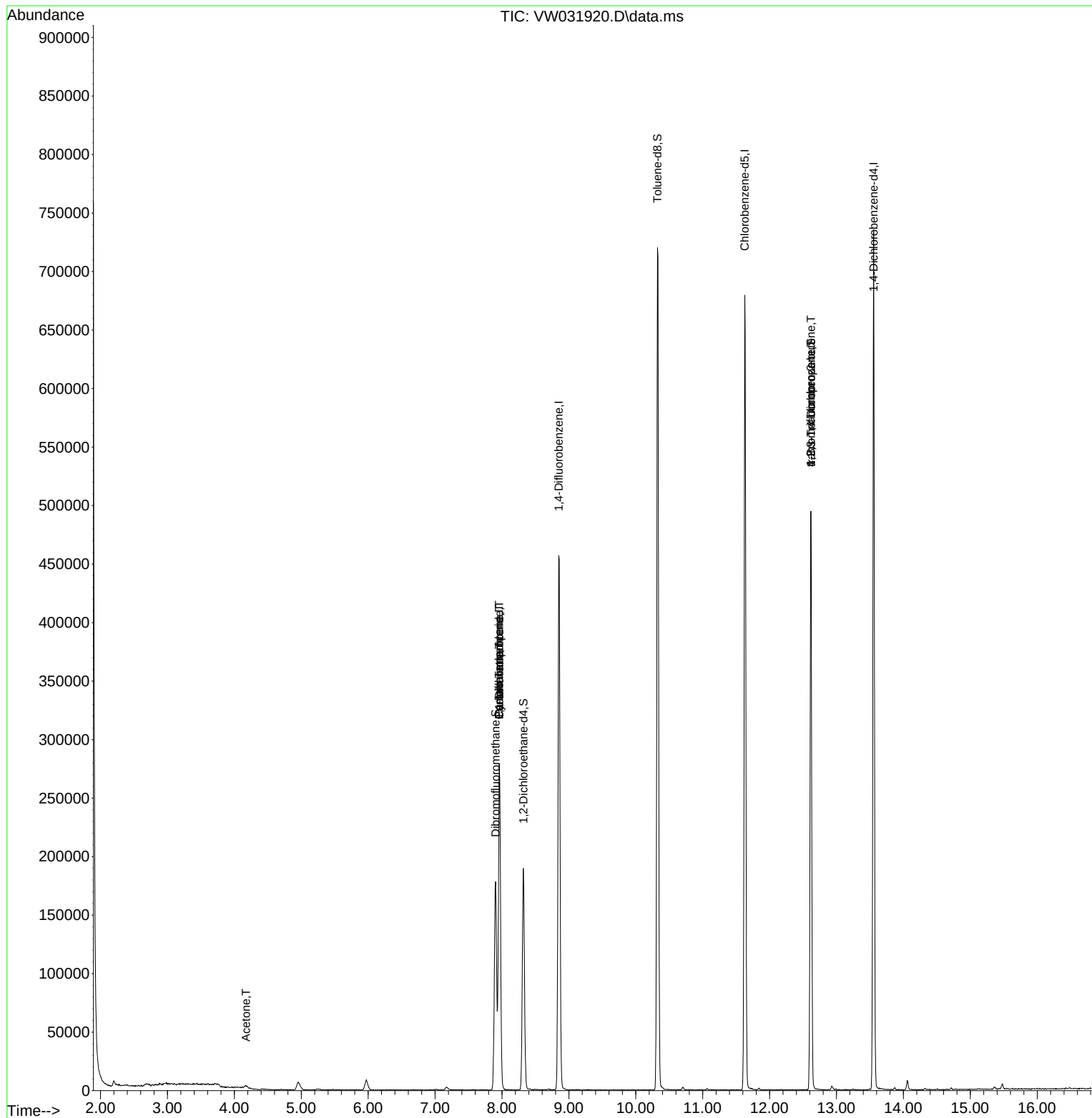
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

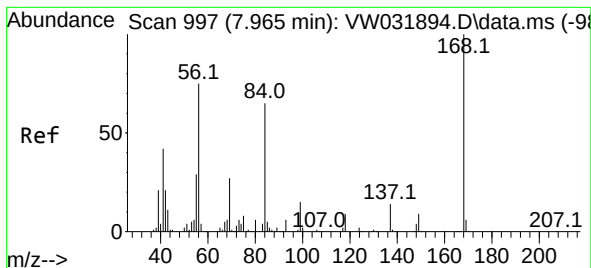
Internal Standards						
1) Pentafluorobenzene	7.959	168	188260	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	392694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	365304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	179014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	156727	55.033	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 110.060%		
35) Dibromofluoromethane	7.904	113	133524	50.039	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 100.080%		
50) Toluene-d8	10.325	98	493723	48.888	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 97.780%		
62) 4-Bromofluorobenzene	12.617	95	183610	47.348	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 94.700%		
Target Compounds						
					Qvalue	
13) Acrolein	3.923	56	22	Below Cal	#	1
16) Acetone	4.173	43	1946	2.880	ug/l #	72
20) Methylene Chloride	4.947	84	2697	Below Cal		93
31) Cyclohexane	7.959	56	4724	1.082	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	18228	4.448	ug/l #	51
38) Carbon Tetrachloride	7.959	117	21528	5.474	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	92858	37.571	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.617	75	92858	86.740	ug/l #	8

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW031920.D

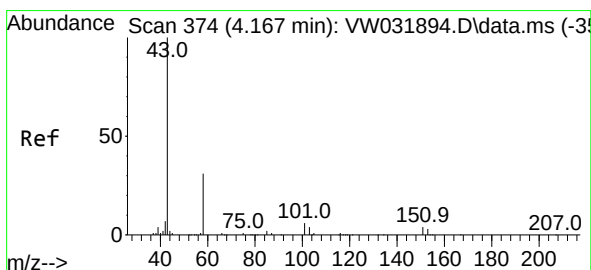
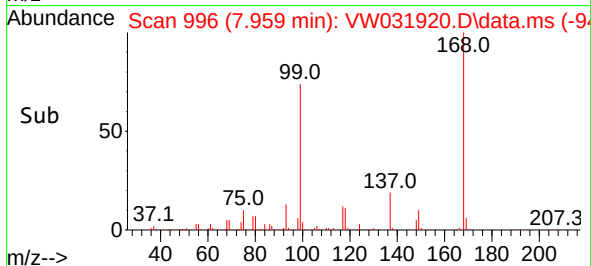
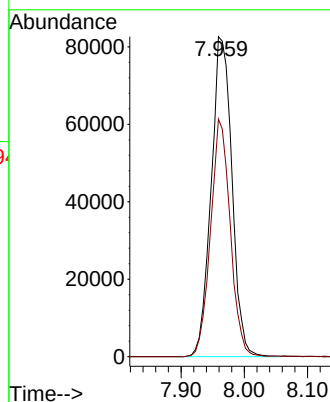
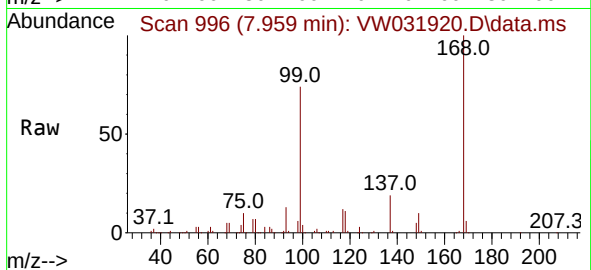
Acq: 24 Jul 2025 11:02

Tgt Ion:168 Resp: 188260

Ion Ratio Lower Upper

168 100

99 74.2 48.2 72.2#



#16

Acetone

Concen: 2.880 ug/l

RT: 4.173 min Scan# 375

Delta R.T. 0.006 min

Lab File: VW031920.D

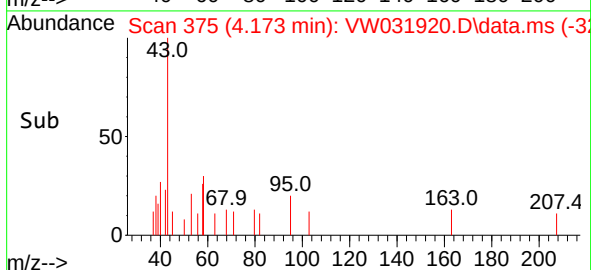
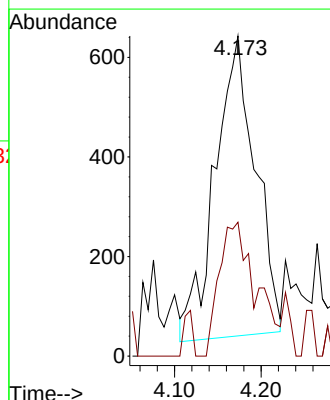
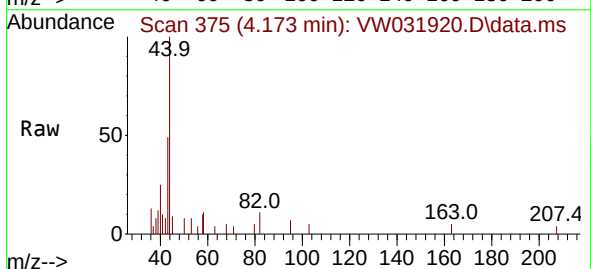
Acq: 24 Jul 2025 11:02

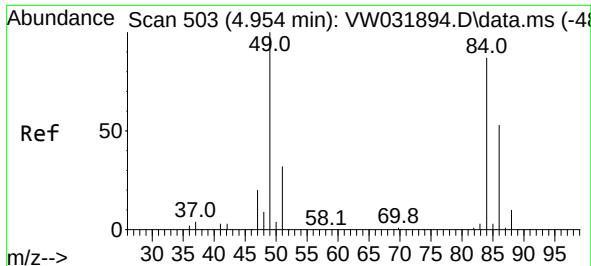
Tgt Ion: 43 Resp: 1946

Ion Ratio Lower Upper

43 100

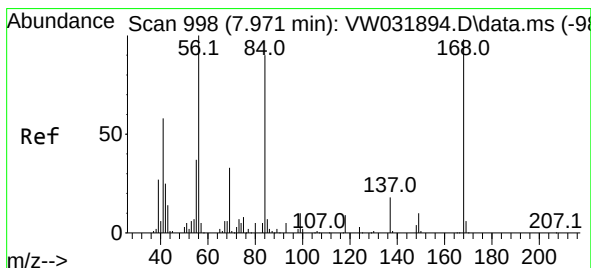
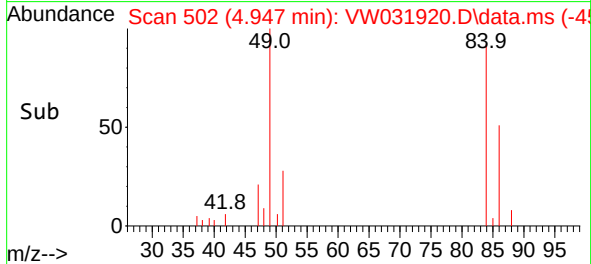
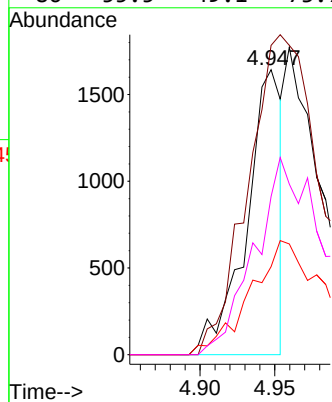
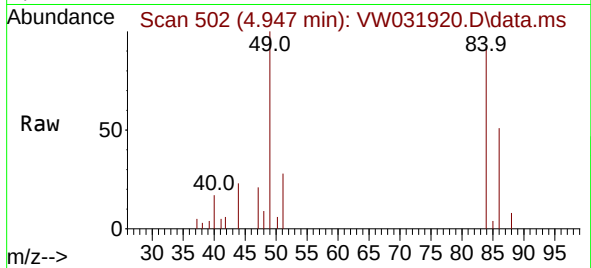
58 47.3 25.5 38.3#





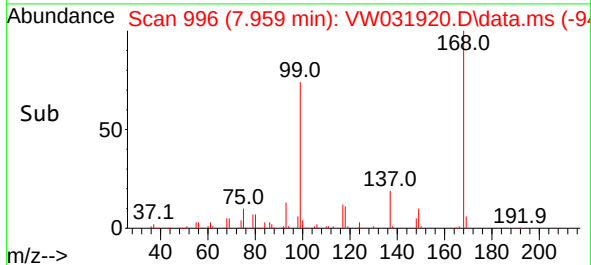
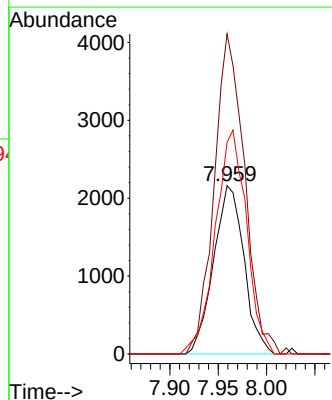
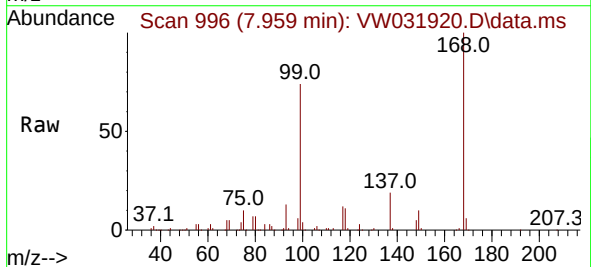
#20
Methylene Chloride
Concen: Below Cal
RT: 4.947 min Scan# 502
Delta R.T. -0.007 min
Lab File: VW031920.D
Acq: 24 Jul 2025 11:02

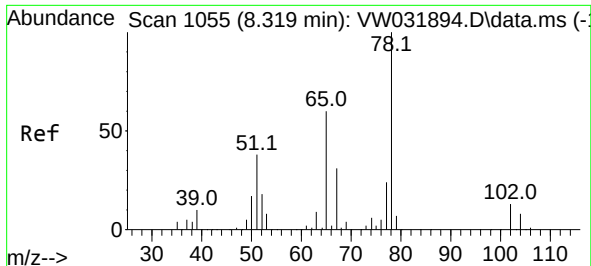
Tgt Ion:	84	Resp:	2697
Ion	Ratio	Lower	Upper
84	100		
49	108.5	91.9	137.9
51	30.9	29.0	43.6
86	55.5	49.1	73.7



#31
Cyclohexane
Concen: 1.082 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031920.D
Acq: 24 Jul 2025 11:02

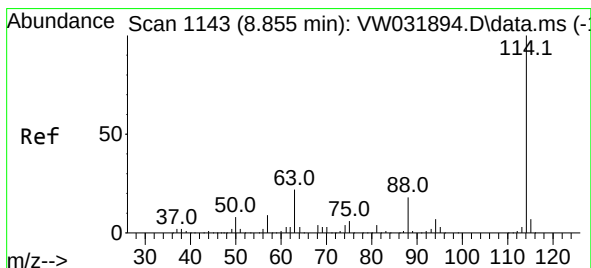
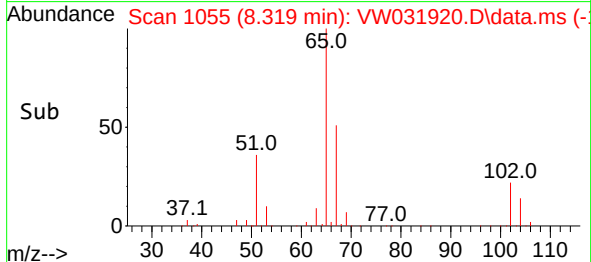
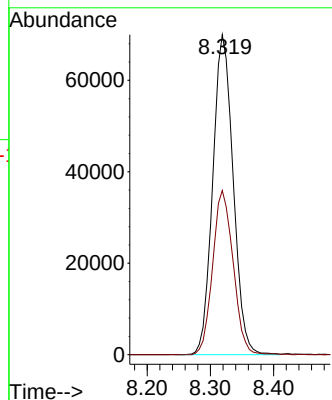
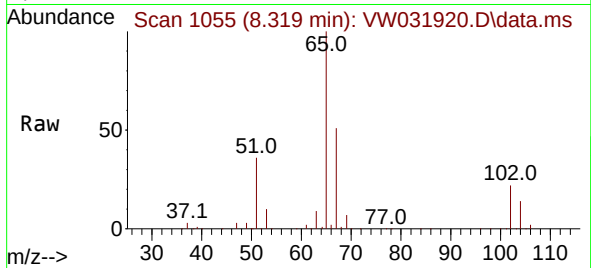
Tgt Ion:	56	Resp:	4724
Ion	Ratio	Lower	Upper
56	100		
69	190.1	26.7	40.1#
84	125.8	71.8	107.6#





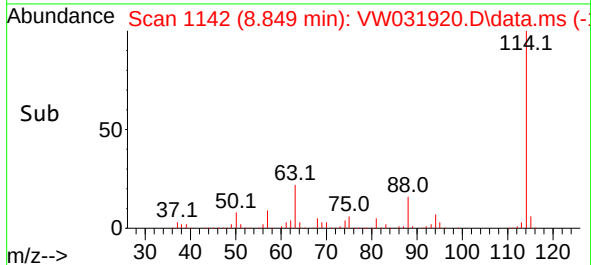
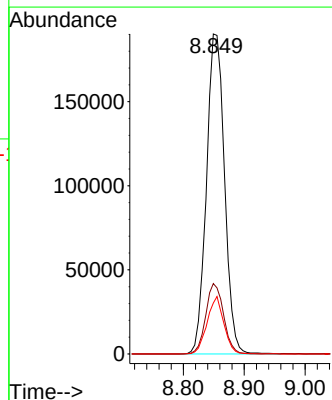
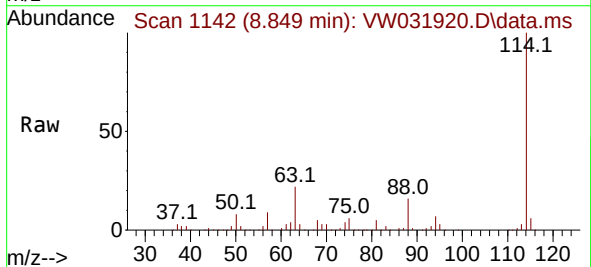
#33
 1,2-Dichloroethane-d4
 Concen: 55.033 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW031920.D
 Acq: 24 Jul 2025 11:02

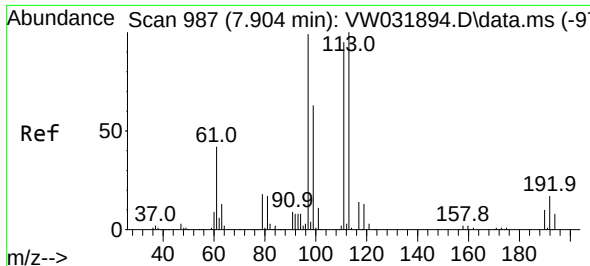
Tgt Ion: 65 Resp: 156727
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031920.D
 Acq: 24 Jul 2025 11:02

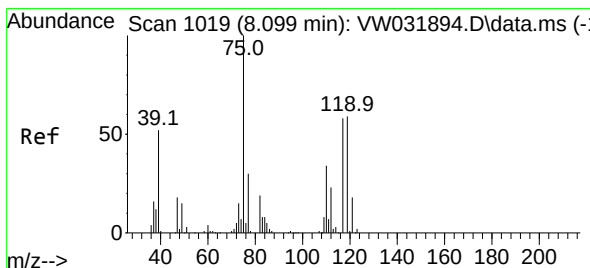
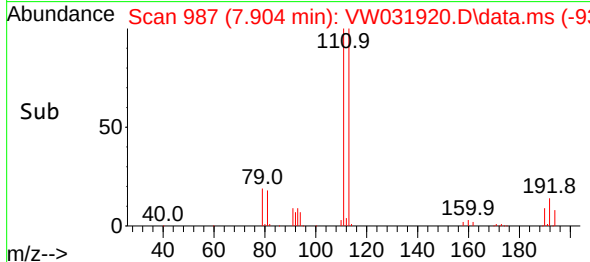
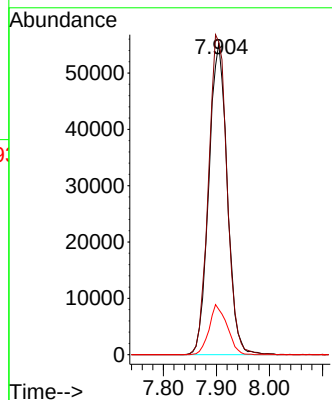
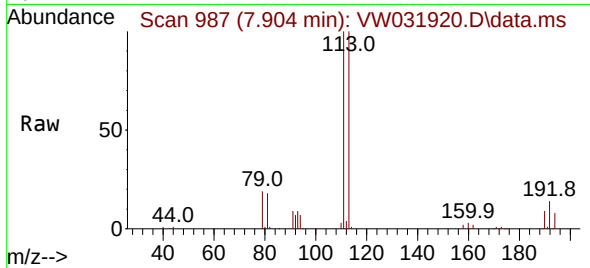
Tgt Ion: 114 Resp: 392694
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.2
 88 15.9 0.0 35.6





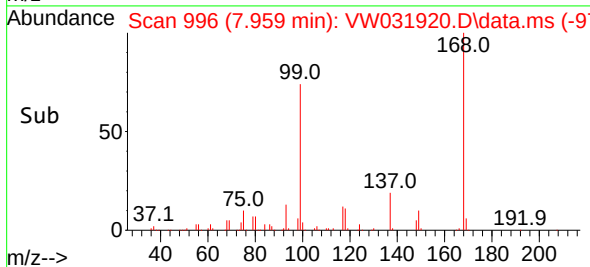
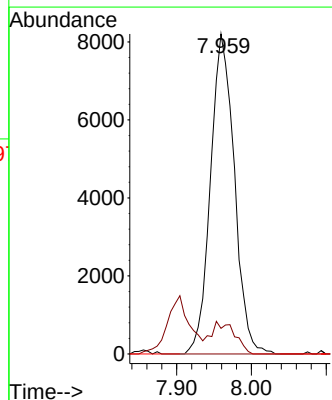
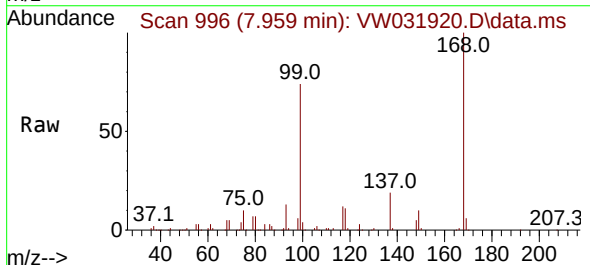
#35
Dibromofluoromethane
Concen: 50.039 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW031920.D
Acq: 24 Jul 2025 11:02

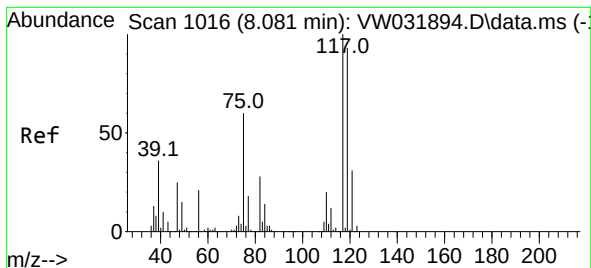
Tgt Ion: 113 Resp: 133524
Ion Ratio Lower Upper
113 100
111 103.8 79.9 119.9
192 15.6 12.6 19.0



#36
1,1-Dichloropropene
Concen: 4.448 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.140 min
Lab File: VW031920.D
Acq: 24 Jul 2025 11:02

Tgt Ion: 75 Resp: 18228
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.474 ug/l

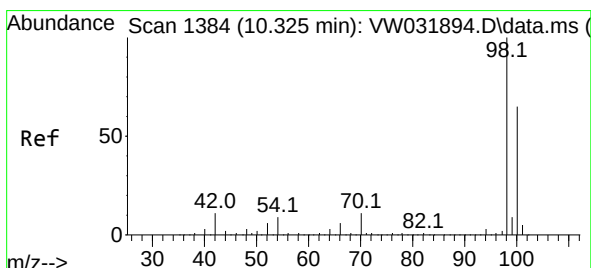
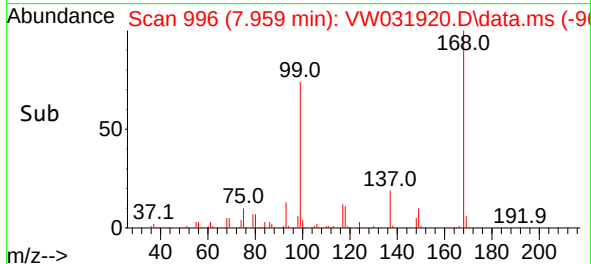
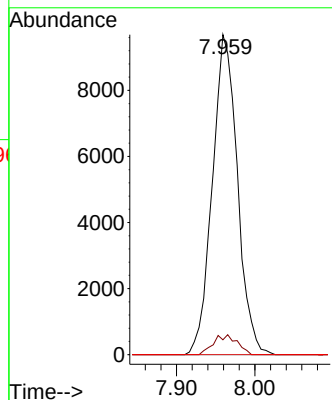
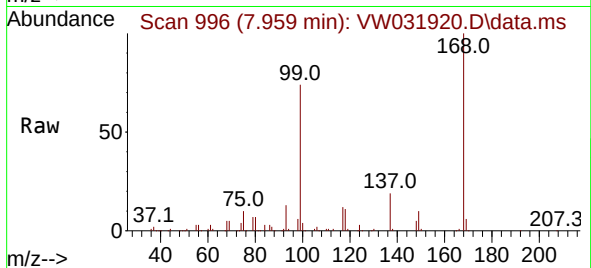
RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW031920.D

Acq: 24 Jul 2025 11:02

Tgt Ion:117	Resp:	21528
Ion	Ratio	Lower Upper
117	100	
119	4.7	74.3 111.5#
121	0.0	24.6 37.0#



#50

Toluene-d8

Concen: 48.888 ug/l

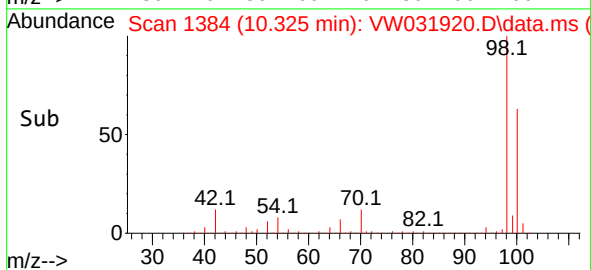
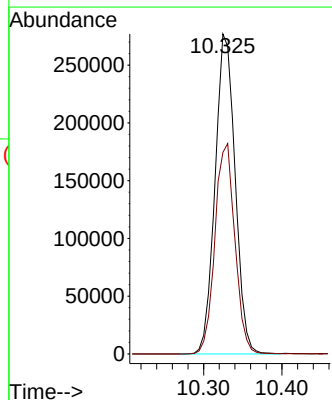
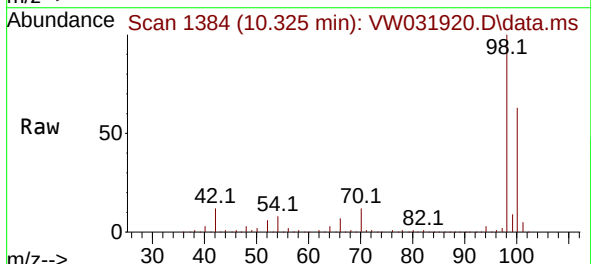
RT: 10.325 min Scan# 1384

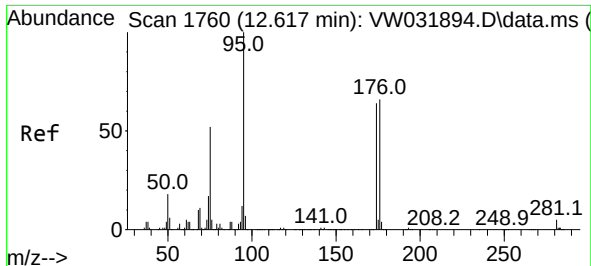
Delta R.T. -0.000 min

Lab File: VW031920.D

Acq: 24 Jul 2025 11:02

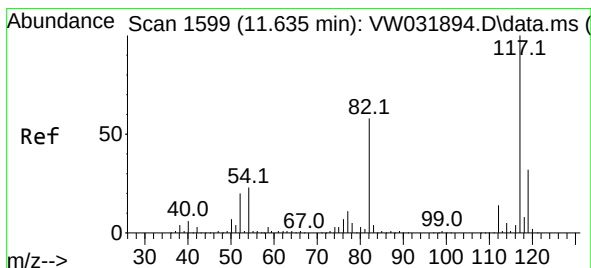
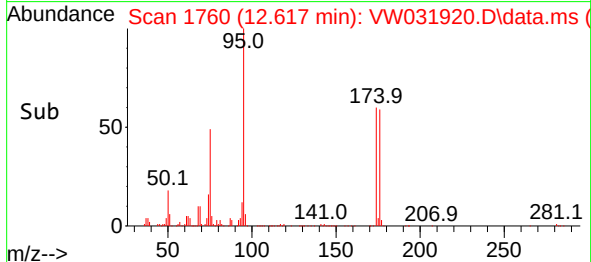
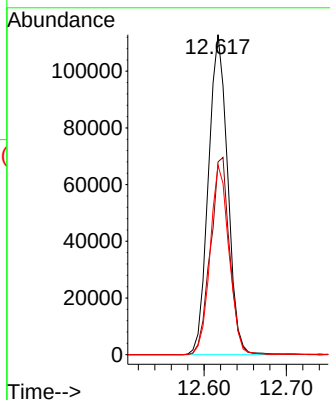
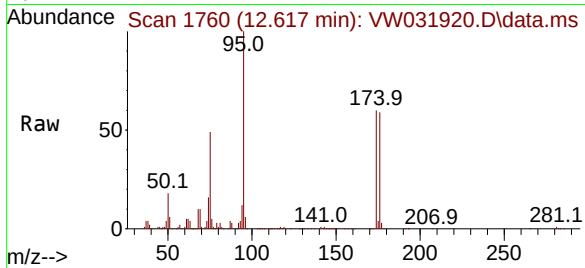
Tgt Ion: 98	Resp:	493723
Ion	Ratio	Lower Upper
98	100	
100	65.4	51.7 77.5





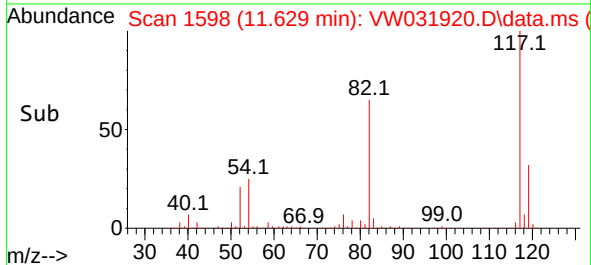
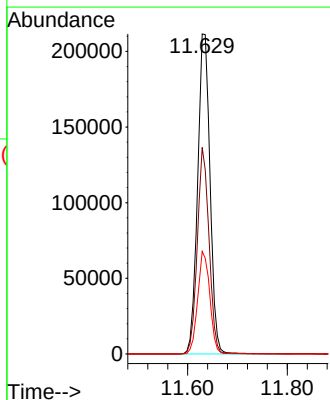
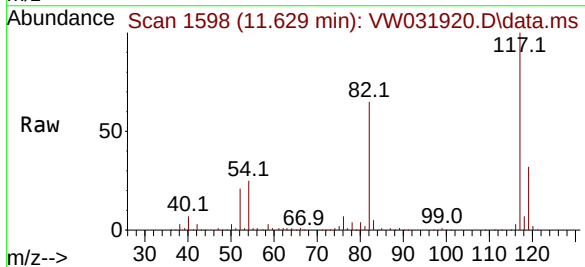
#62
4-Bromofluorobenzene
Concen: 47.348 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW031920.D
Acq: 24 Jul 2025 11:02

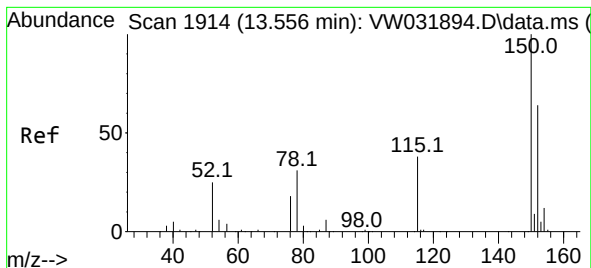
Tgt Ion:	95	Resp:	183610
Ion Ratio	Lower	Upper	
95	100		
174	61.5	0.0	129.8
176	58.4	0.0	130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW031920.D
Acq: 24 Jul 2025 11:02

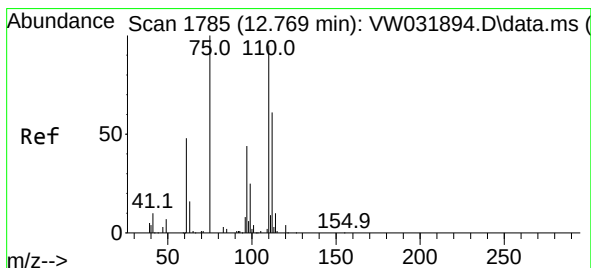
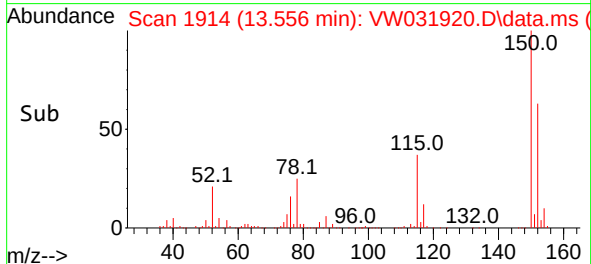
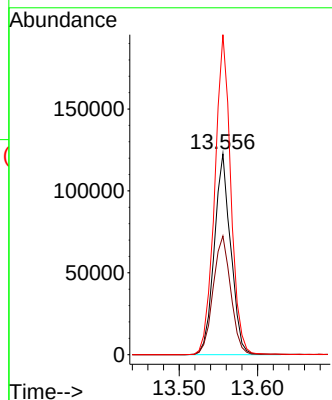
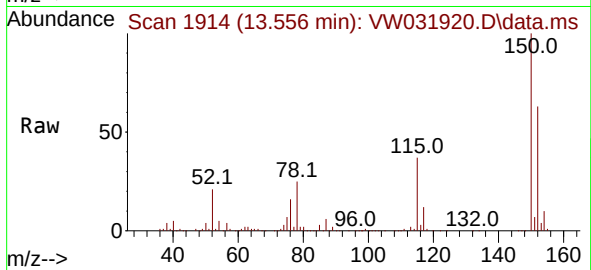
Tgt Ion:	117	Resp:	365304
Ion Ratio	Lower	Upper	
117	100		
82	64.6	46.5	69.7
119	32.0	25.8	38.6





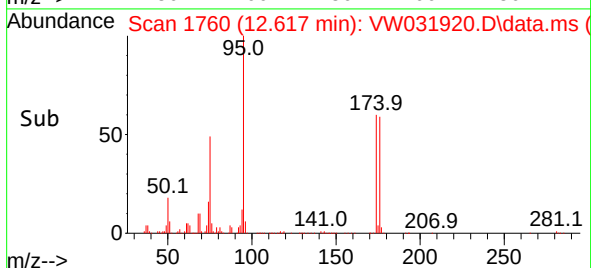
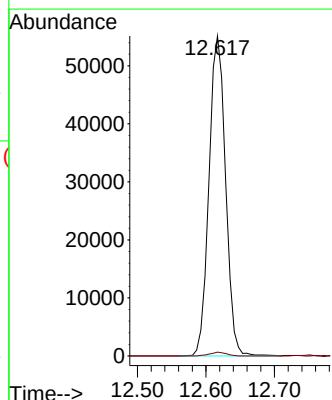
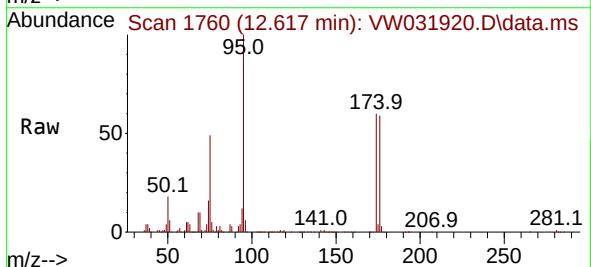
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW031920.D
 Acq: 24 Jul 2025 11:02

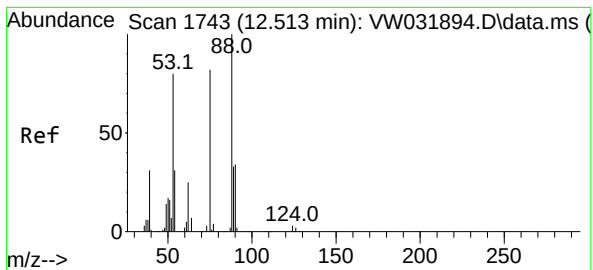
Tgt Ion:152 Resp: 179014
 Ion Ratio Lower Upper
 152 100
 115 63.0 33.4 100.1
 150 156.1 0.0 352.2



#76
 1,2,3-Trichloropropane
 Concen: 37.571 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.152 min
 Lab File: VW031920.D
 Acq: 24 Jul 2025 11:02

Tgt Ion: 75 Resp: 92858
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.740 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. 0.104 min
 Lab File: VW031920.D
 Acq: 24 Jul 2025 11:02

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

