

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
 Data File : VW031916.D
 Acq On : 24 Jul 2025 08:49
 Operator : SY/MD
 Sample : VW0724SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 25 03:40:18 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

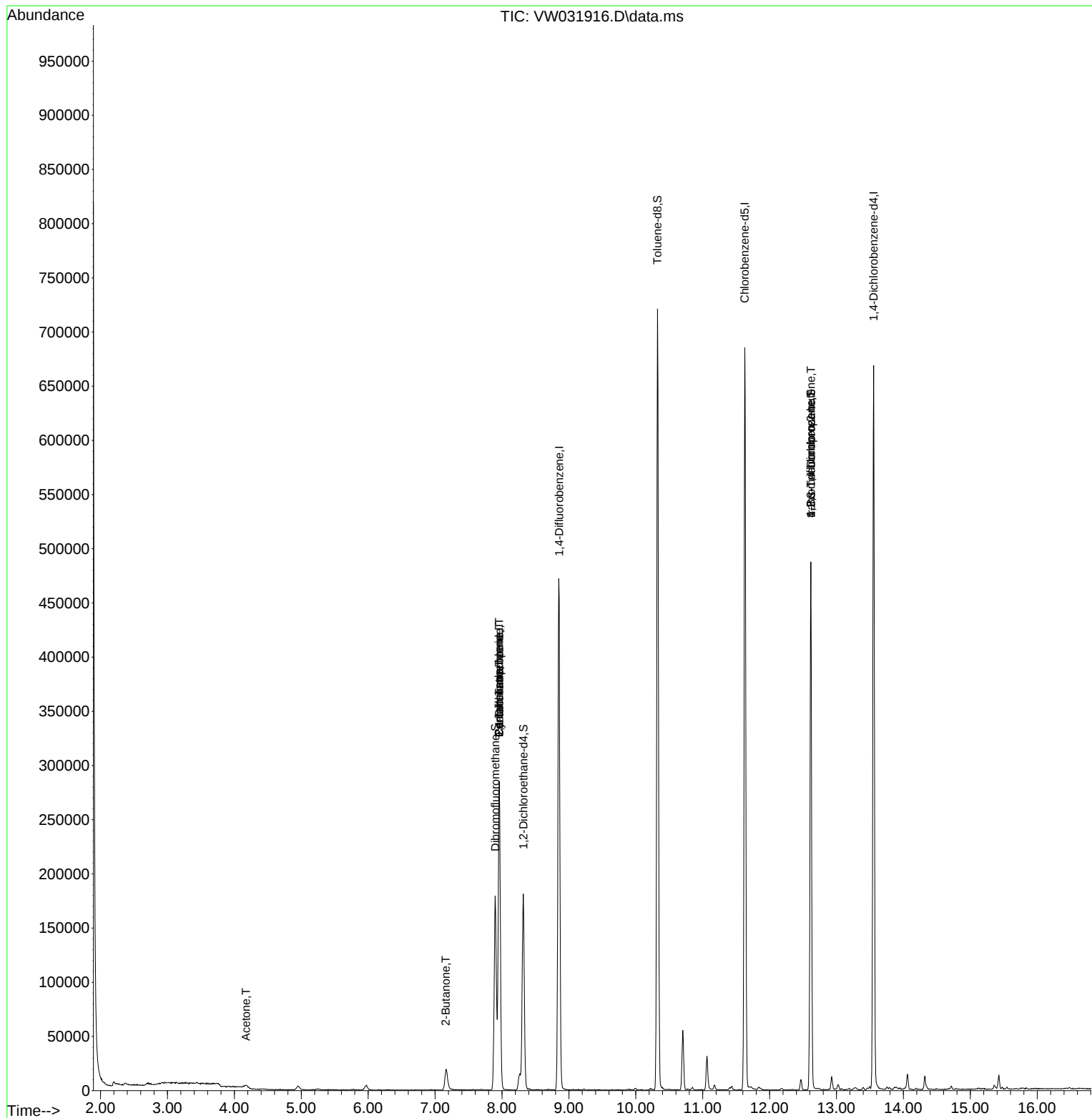
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

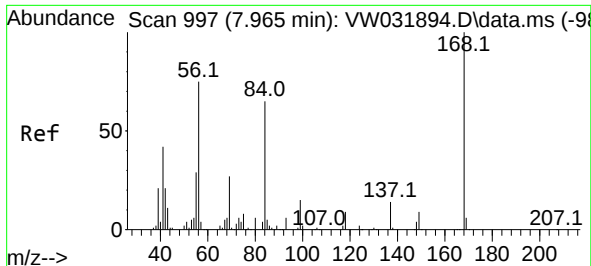
Internal Standards						
1) Pentafluorobenzene	7.959	168	191425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	397023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	361888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	168978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	149080	51.482	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 102.960%		
35) Dibromofluoromethane	7.898	113	130407	48.338	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 96.680%		
50) Toluene-d8	10.325	98	462588	45.306	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 90.620%		
62) 4-Bromofluorobenzene	12.617	95	171687	43.791	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 87.580%		
Target Compounds						
					Qvalue	
13) Acrolein	3.954	56	233	Below Cal	#	61
16) Acetone	4.173	43	4629	6.736	ug/l	97
20) Methylene Chloride	4.947	84	2674	Below Cal	#	90
25) 2-Butanone	7.161	43	1013	1.077	ug/l	99
31) Cyclohexane	7.959	56	4829	1.087	ug/l	# 1
36) 1,1-Dichloropropene	7.959	75	17622	4.253	ug/l	# 49
38) Carbon Tetrachloride	7.959	117	21969	5.525	ug/l	# 17
76) 1,2,3-Trichloropropane	12.617	75	87497	37.504	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.617	75	87497	86.587	ug/l	# 8

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

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Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

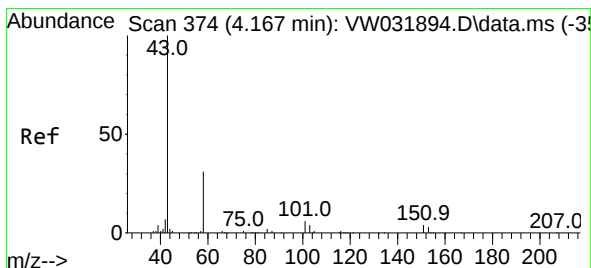
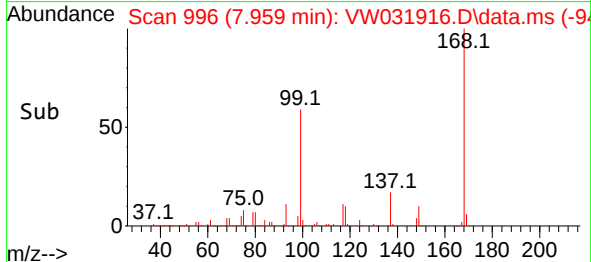
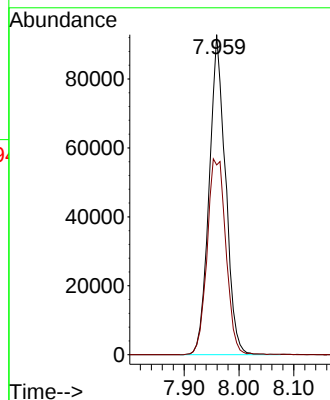
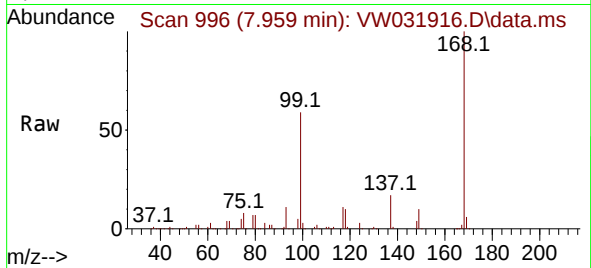
Quant Time: Jul 25 03:40:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
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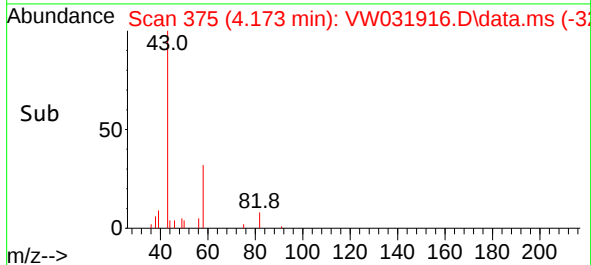
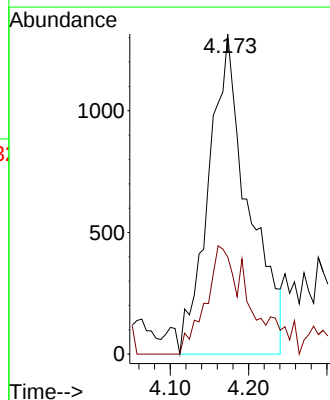
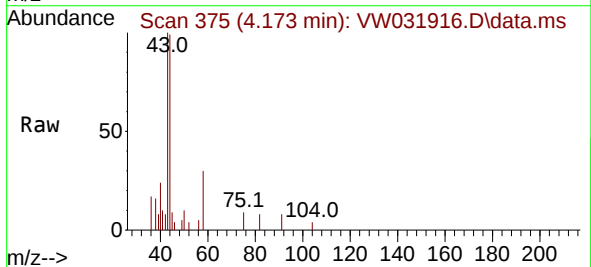
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031916.D
Acq: 24 Jul 2025 08:49

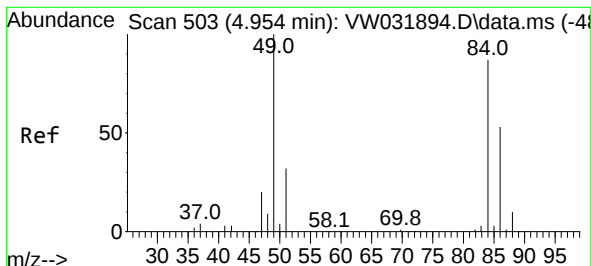
Tgt Ion:168 Resp: 191425
Ion Ratio Lower Upper
168 100
99 59.3 48.2 72.2



#16
Acetone
Concen: 6.736 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.006 min
Lab File: VW031916.D
Acq: 24 Jul 2025 08:49

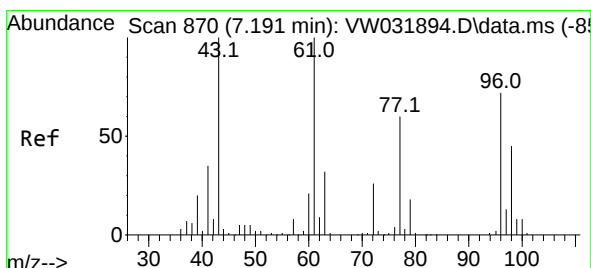
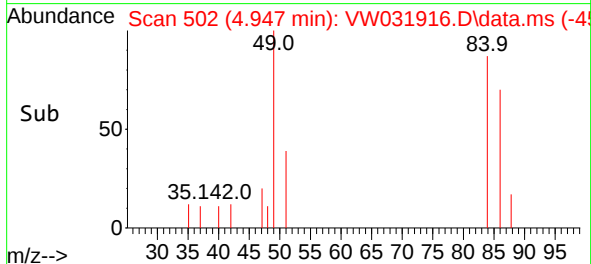
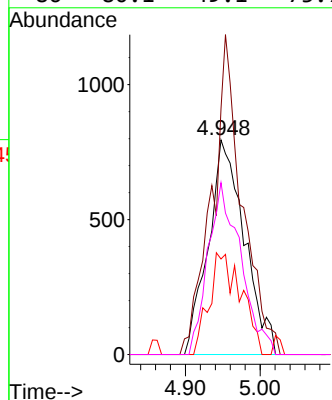
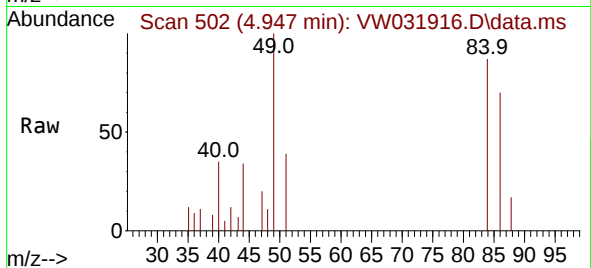
Tgt Ion: 43 Resp: 4629
Ion Ratio Lower Upper
43 100
58 30.3 25.5 38.3





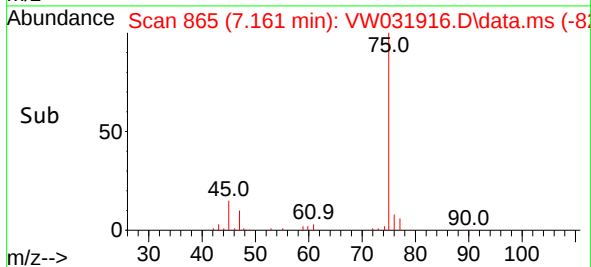
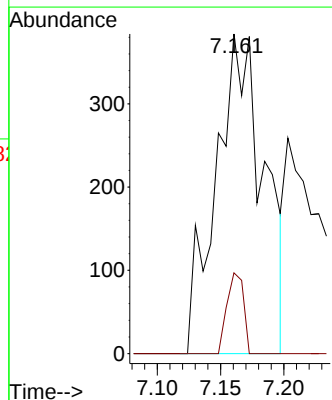
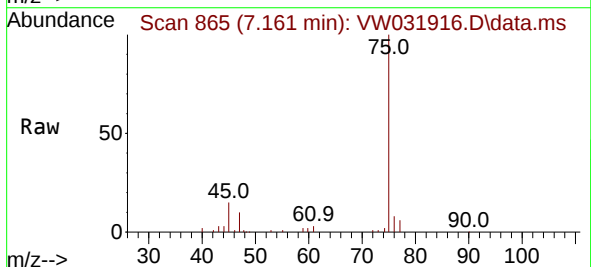
#20
Methylene Chloride
Concen: Below Cal
RT: 4.947 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW031916.D
Acq: 24 Jul 2025 08:49

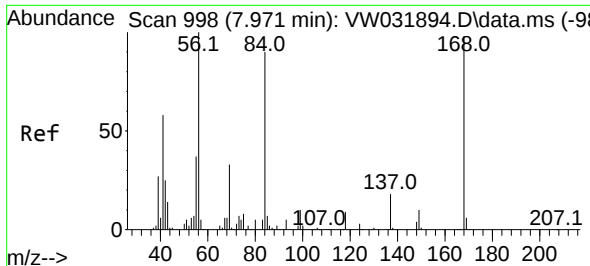
Tgt Ion:	84	Resp:	2674
Ion	Ratio	Lower	Upper
84	100		
49	114.5	91.9	137.9
51	44.5	29.0	43.6#
86	80.1	49.1	73.7#



#25
2-Butanone
Concen: 1.077 ug/l
RT: 7.161 min Scan# 865
Delta R.T. -0.030 min
Lab File: VW031916.D
Acq: 24 Jul 2025 08:49

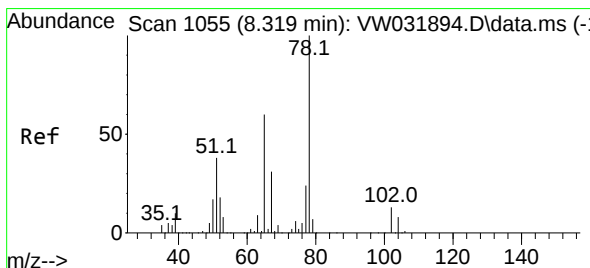
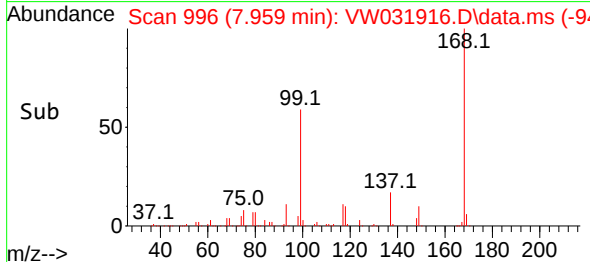
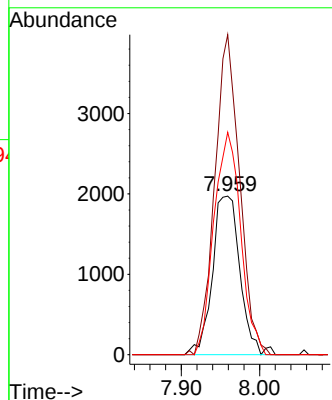
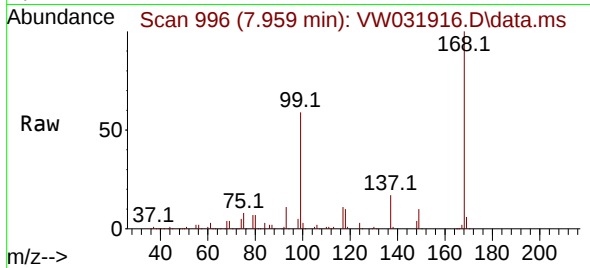
Tgt Ion:	43	Resp:	1013
Ion	Ratio	Lower	Upper
43	100		
72	25.3	20.8	31.2





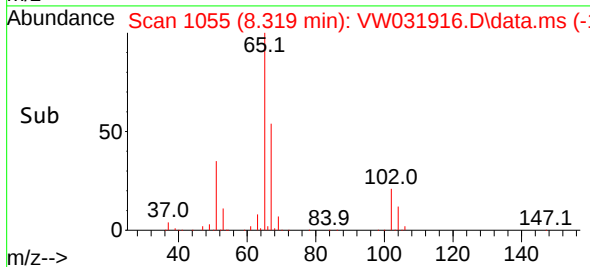
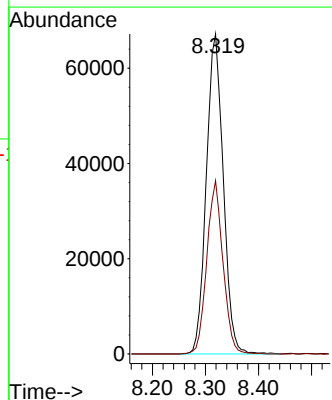
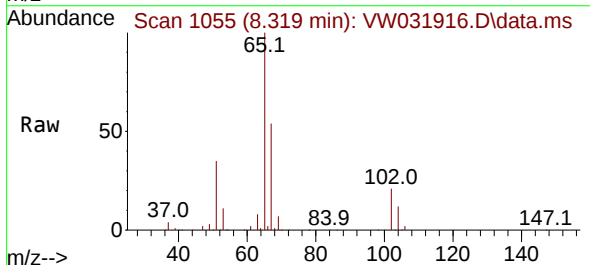
#31
Cyclohexane
Concen: 1.087 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031916.D
Acq: 24 Jul 2025 08:49

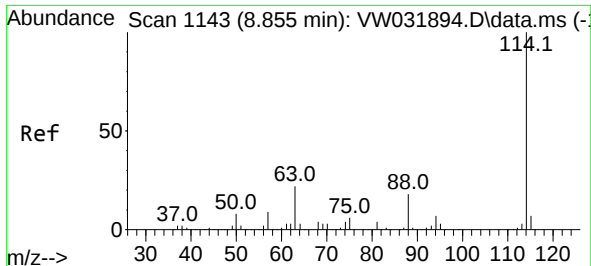
Tgt Ion: 56 Resp: 4829
Ion Ratio Lower Upper
56 100
69 201.8 26.7 40.1#
84 140.3 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 51.482 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031916.D
Acq: 24 Jul 2025 08:49

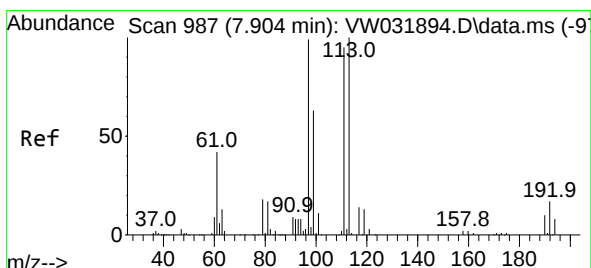
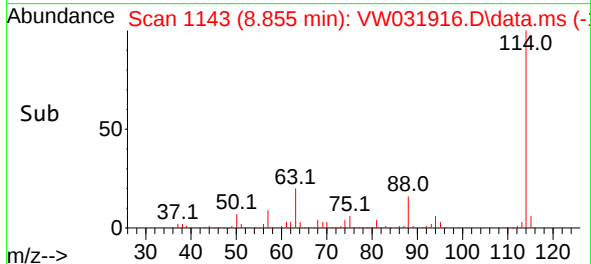
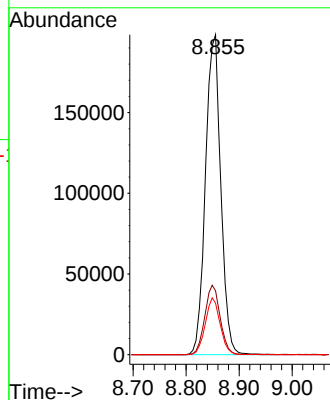
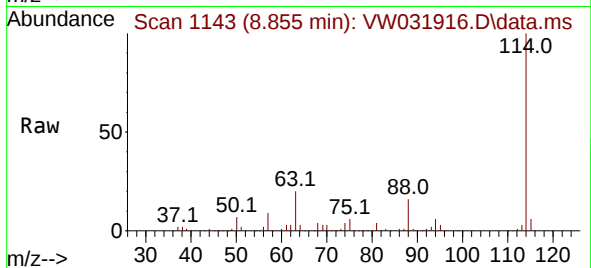
Tgt Ion: 65 Resp: 149080
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.4





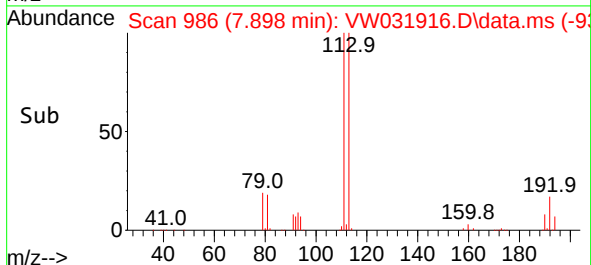
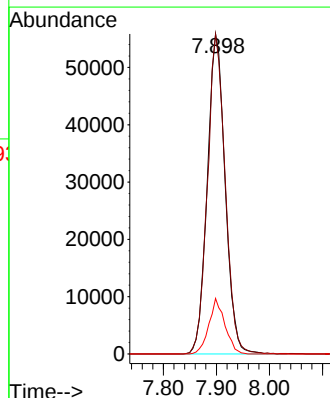
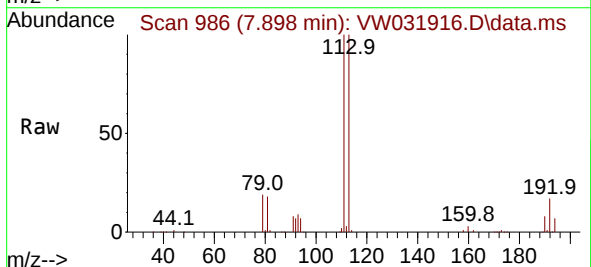
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VW031916.D
Acq: 24 Jul 2025 08:49

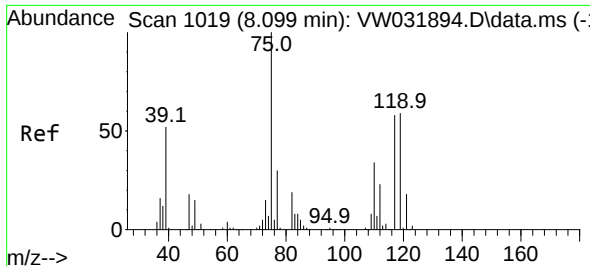
Tgt Ion:114 Resp: 397023
Ion Ratio Lower Upper
114 100
63 19.9 0.0 44.2
88 16.1 0.0 35.6



#35
Dibromofluoromethane
Concen: 48.338 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031916.D
Acq: 24 Jul 2025 08:49

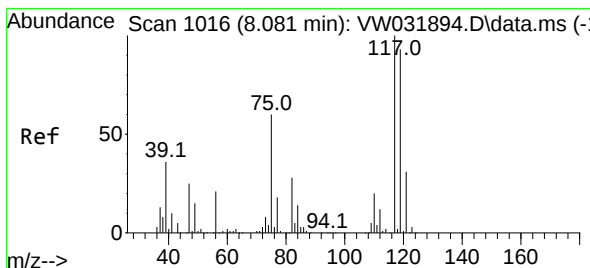
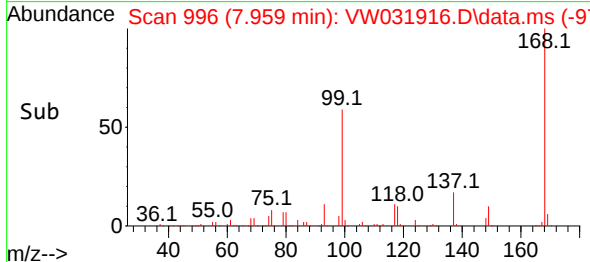
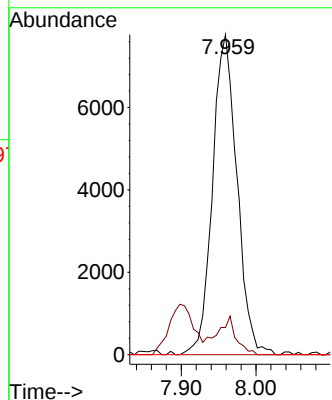
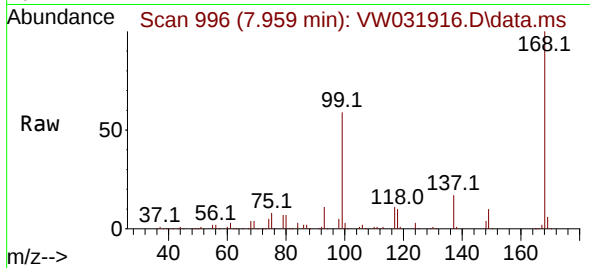
Tgt Ion:113 Resp: 130407
Ion Ratio Lower Upper
113 100
111 99.7 79.9 119.9
192 15.6 12.6 19.0





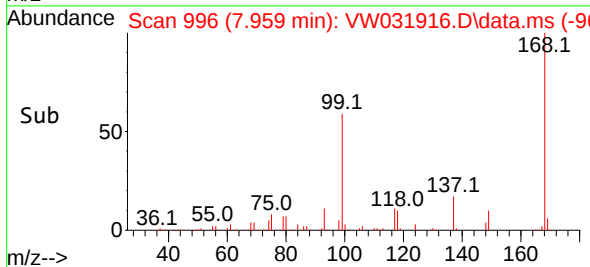
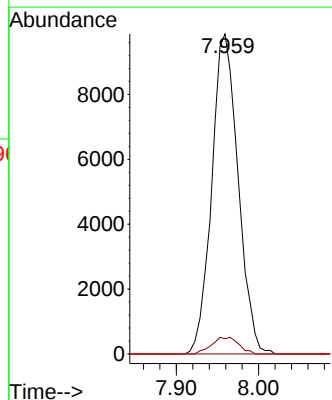
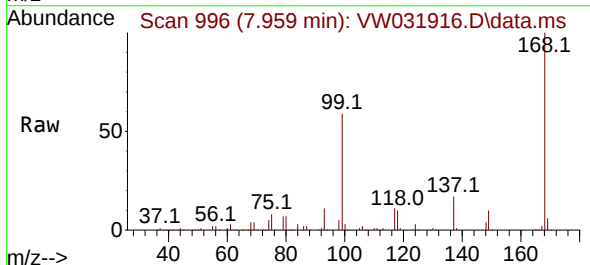
#36
1,1-Dichloropropene
Concen: 4.253 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.140 min
Lab File: VW031916.D
Acq: 24 Jul 2025 08:49

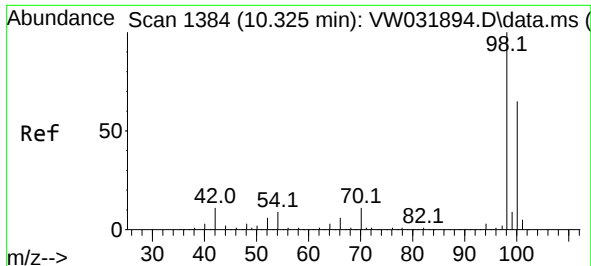
Tgt Ion: 75 Resp: 17622
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.525 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.122 min
Lab File: VW031916.D
Acq: 24 Jul 2025 08:49

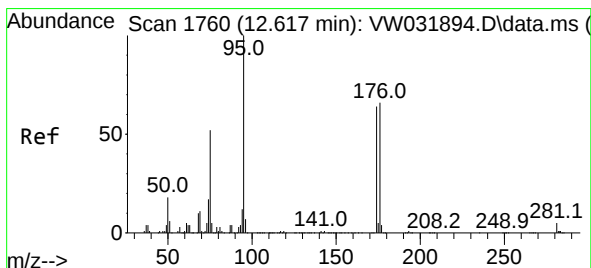
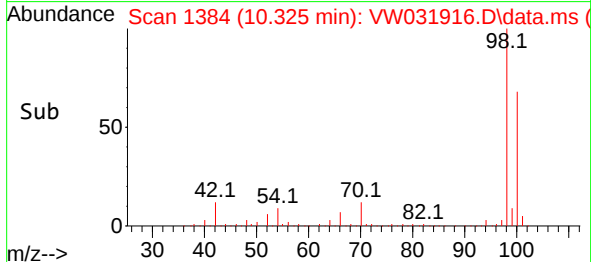
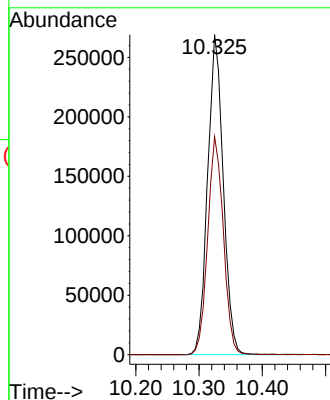
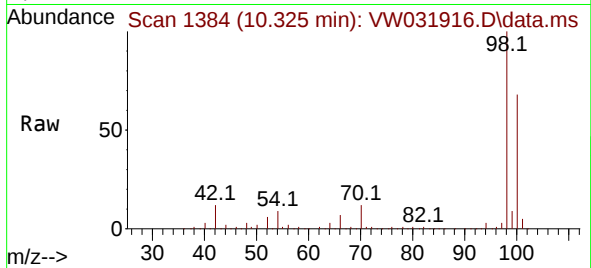
Tgt Ion: 117 Resp: 21969
Ion Ratio Lower Upper
117 100
119 4.8 74.3 111.5#
121 0.0 24.6 37.0#





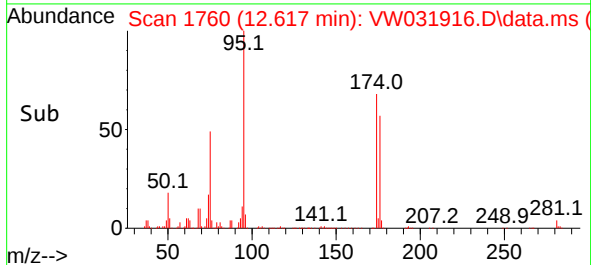
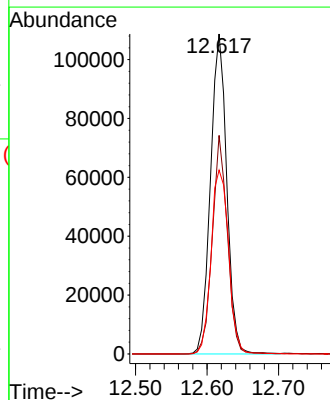
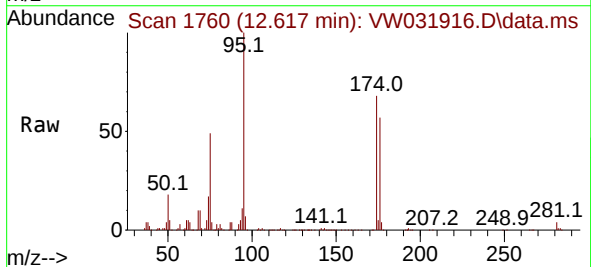
#50
Toluene-d8
Concen: 45.306 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW031916.D
Acq: 24 Jul 2025 08:49

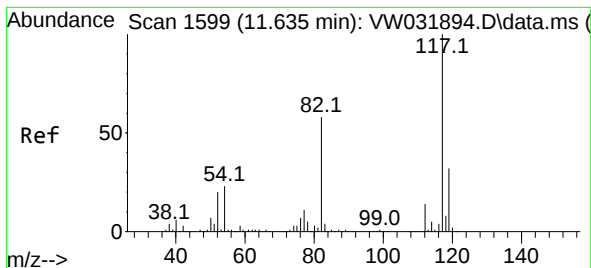
Tgt Ion: 98 Resp: 462588
Ion Ratio Lower Upper
98 100
100 68.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.791 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031916.D
Acq: 24 Jul 2025 08:49

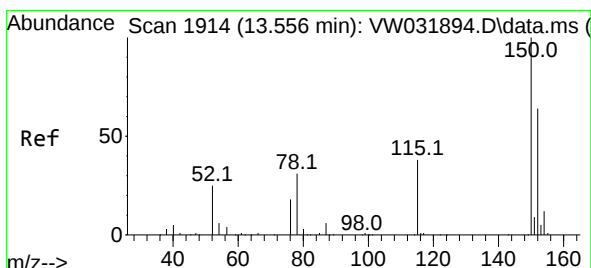
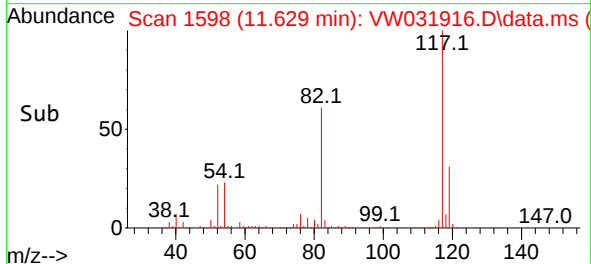
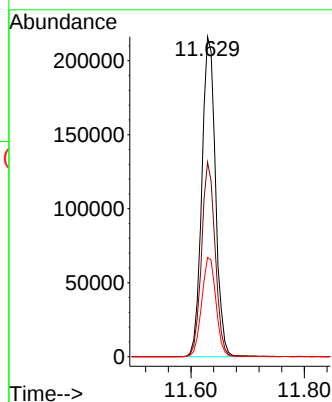
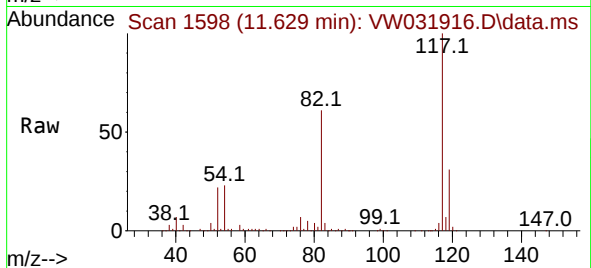
Tgt Ion: 95 Resp: 171687
Ion Ratio Lower Upper
95 100
174 63.4 0.0 129.8
176 62.0 0.0 130.4





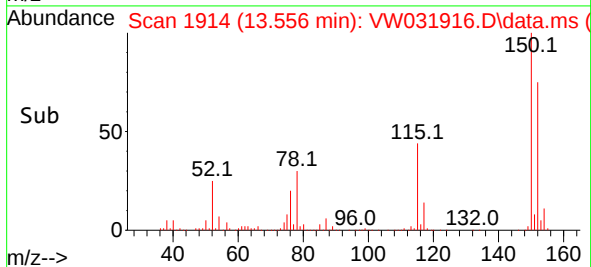
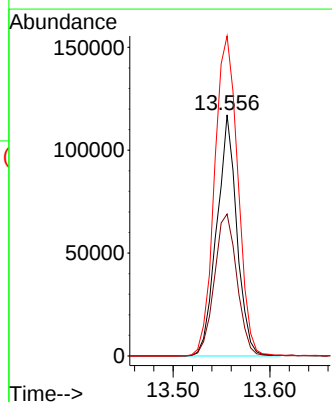
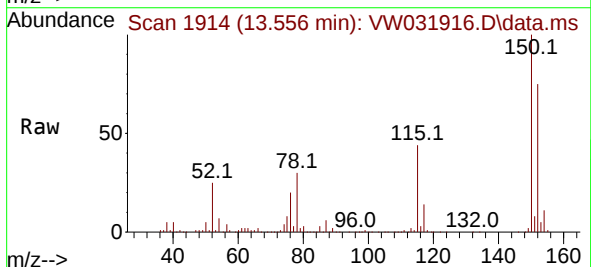
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW031916.D
Acq: 24 Jul 2025 08:49

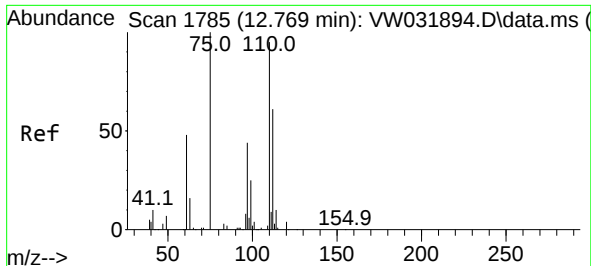
Tgt Ion:117 Resp: 361888
Ion Ratio Lower Upper
117 100
82 60.8 46.5 69.7
119 31.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031916.D
Acq: 24 Jul 2025 08:49

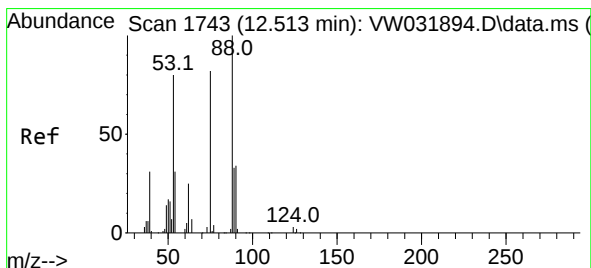
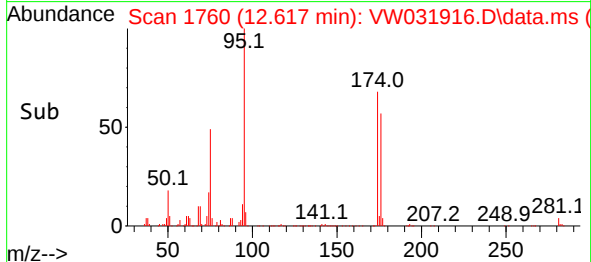
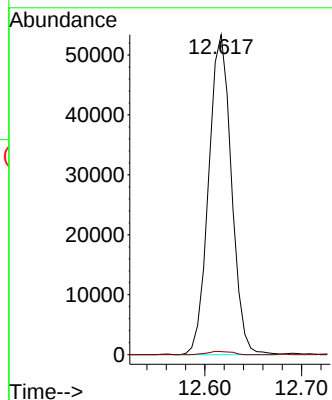
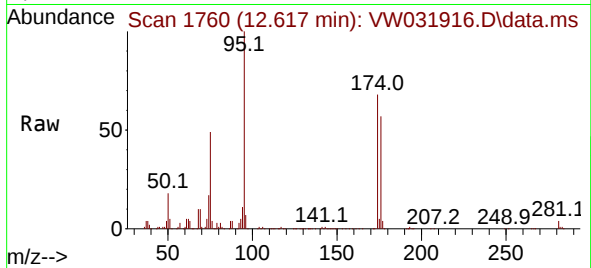
Tgt Ion:152 Resp: 168978
Ion Ratio Lower Upper
152 100
115 66.3 33.4 100.1
150 154.0 0.0 352.2





#76
1,2,3-Trichloropropane
Concen: 37.504 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.152 min
Lab File: VW031916.D
Acq: 24 Jul 2025 08:49

Tgt Ion: 75 Resp: 87497
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.587 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.104 min
Lab File: VW031916.D
Acq: 24 Jul 2025 08:49

Tgt Ion: 75 Resp: 87497
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.1 39.0 58.6#

