

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
 Data File : VW031924.D
 Acq On : 24 Jul 2025 14:13
 Operator : SY/MD
 Sample : Q2691-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 25 03:44:15 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

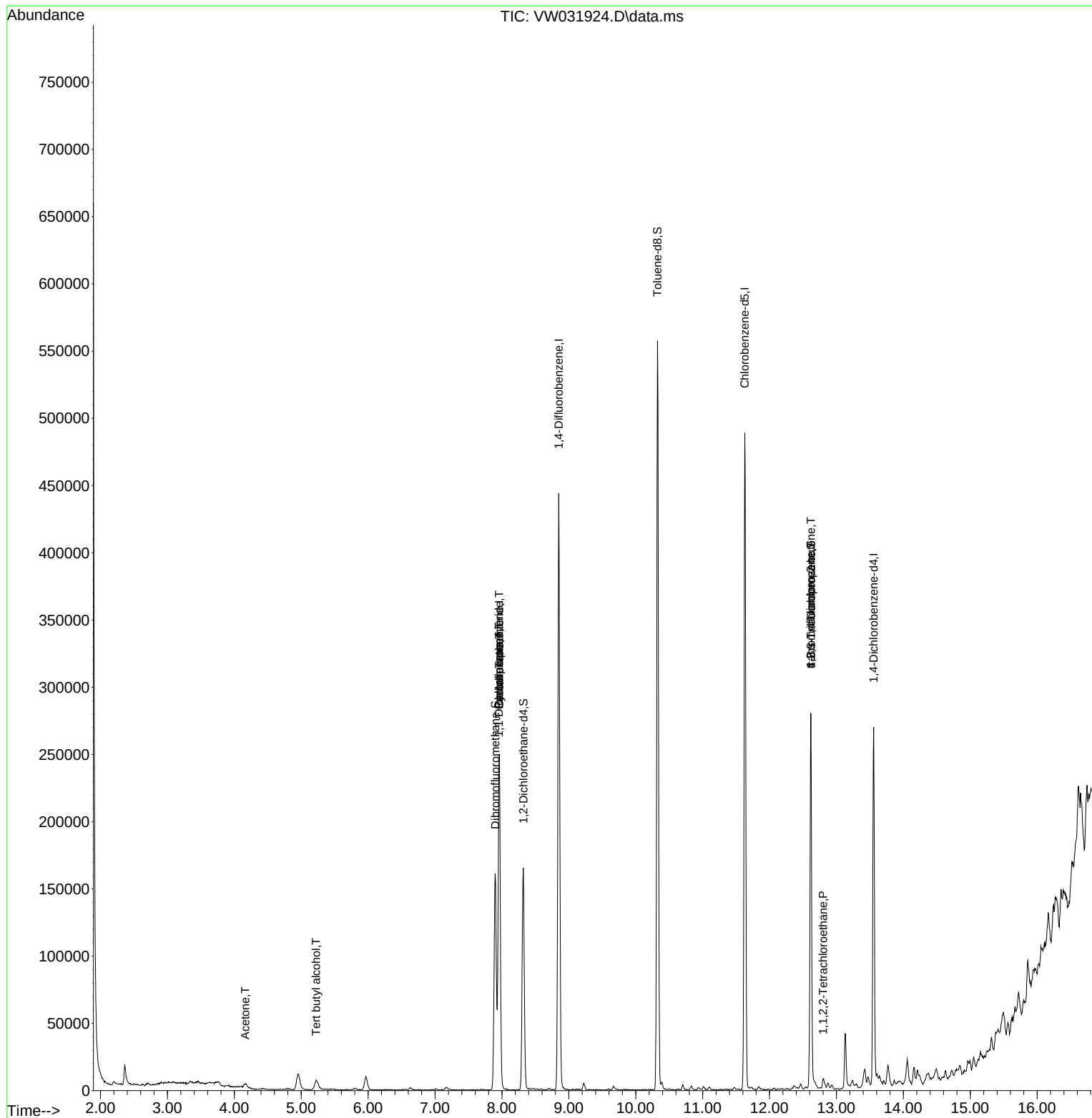
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

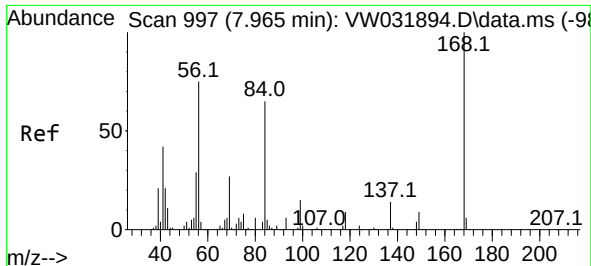
Internal Standards						
1) Pentafluorobenzene	7.959	168	174722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	359613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	268955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	67226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	136609	51.685	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 103.380%		
35) Dibromofluoromethane	7.898	113	119986	49.102	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 98.200%		
50) Toluene-d8	10.325	98	369788	39.984	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 79.960%		
62) 4-Bromofluorobenzene	12.617	95	97597	27.483	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 54.960%		
Target Compounds						
11) Tert butyl alcohol	5.222	59	13350	85.927	ug/l #	88
13) Acrolein	3.942	56	64	Below Cal	#	14
16) Acetone	4.161	43	4965	7.916	ug/l	91
20) Methylene Chloride	4.948	84	10341	Below Cal		90
31) Cyclohexane	7.959	56	4332	1.069	ug/l #	1
36) 1,1-Dichloropropene	7.953	75	15650	4.170	ug/l #	51
38) Carbon Tetrachloride	7.959	117	19851	5.512	ug/l #	18
75) 1,1,2,2-Tetrachloroethane	12.800	83	2975	2.403	ug/l #	32
76) 1,2,3-Trichloropropane	12.617	75	51005	54.953	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.617	75	51005	126.871	ug/l #	8

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

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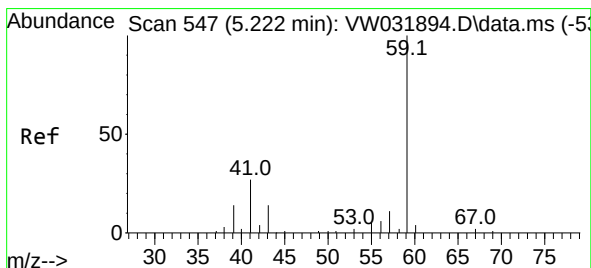
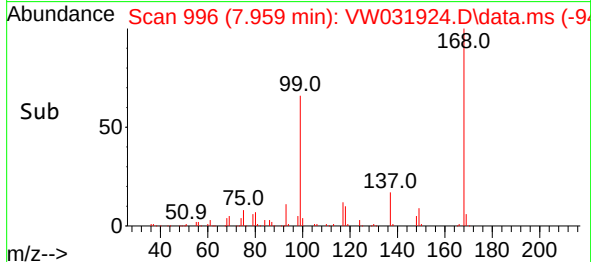
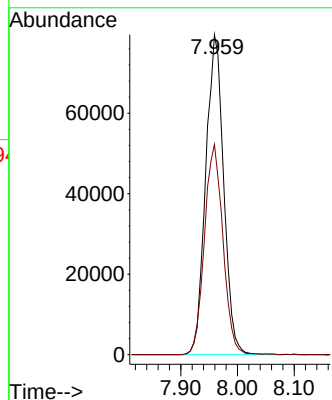
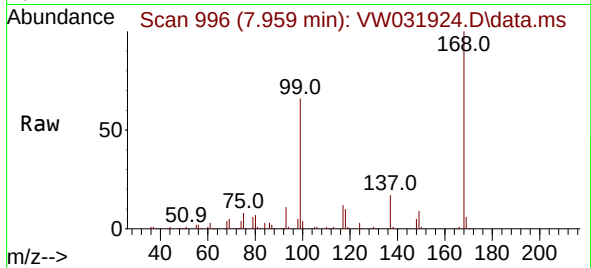
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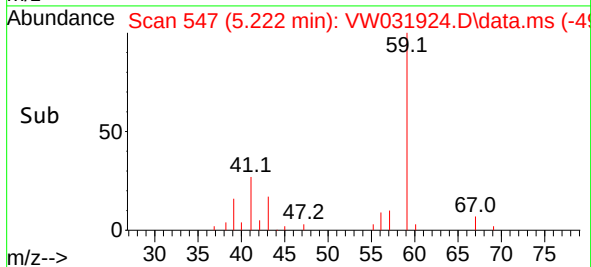
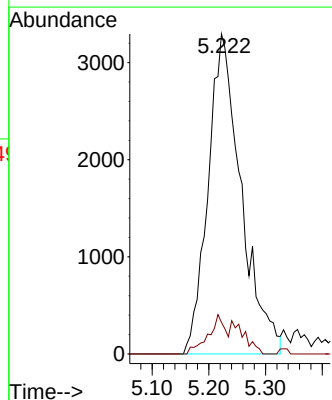
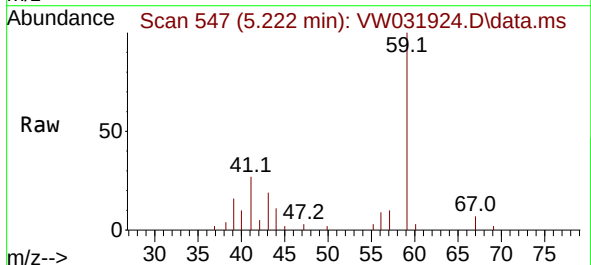
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031924.D
Acq: 24 Jul 2025 14:13

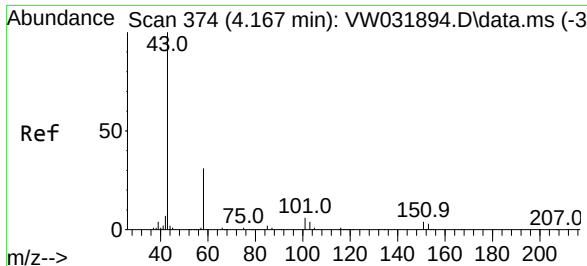
Tgt Ion:168 Resp: 174722
Ion Ratio Lower Upper
168 100
99 65.7 48.2 72.2



#11
Tert butyl alcohol
Concen: 85.927 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW031924.D
Acq: 24 Jul 2025 14:13

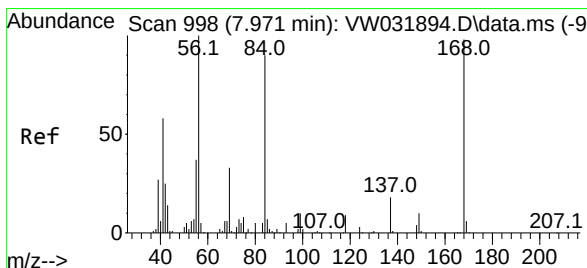
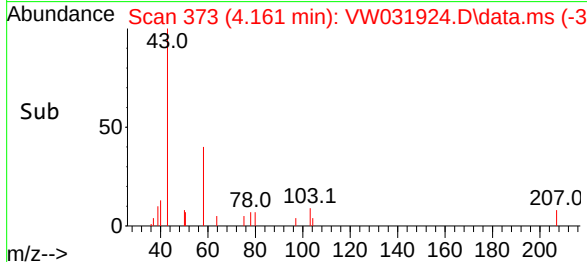
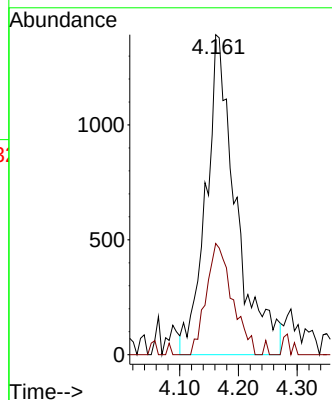
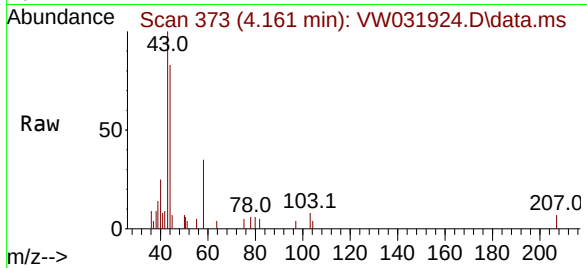
Tgt Ion: 59 Resp: 13350
Ion Ratio Lower Upper
59 100
57 6.3 8.6 12.8#





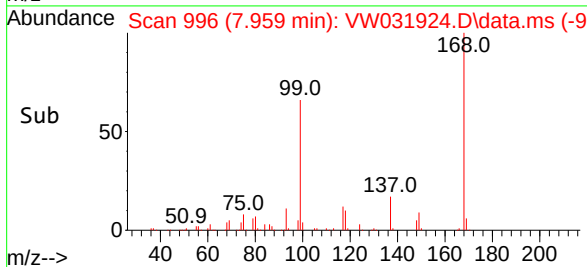
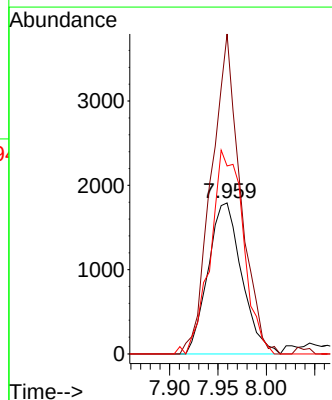
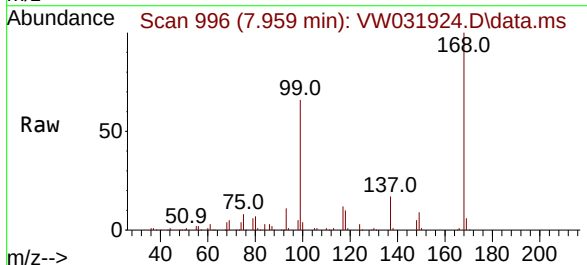
#16
Acetone
Concen: 7.916 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW031924.D
Acq: 24 Jul 2025 14:13

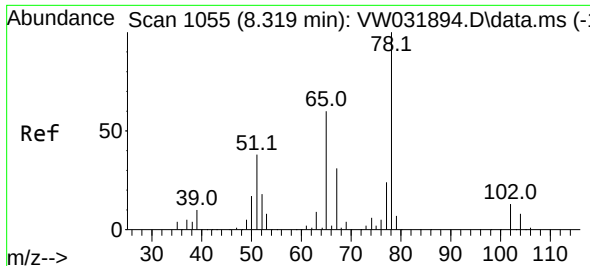
Tgt Ion: 43 Resp: 4965
Ion Ratio Lower Upper
43 100
58 36.9 25.5 38.3



#31
Cyclohexane
Concen: 1.069 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031924.D
Acq: 24 Jul 2025 14:13

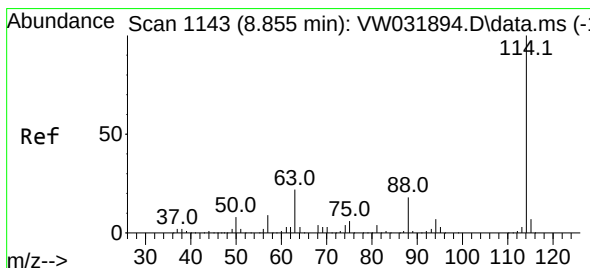
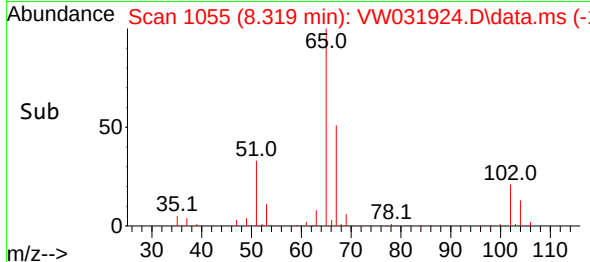
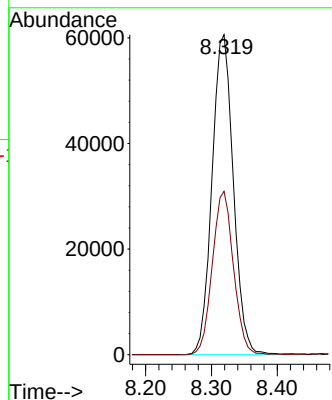
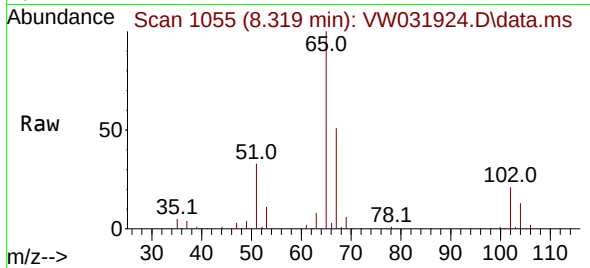
Tgt Ion: 56 Resp: 4332
Ion Ratio Lower Upper
56 100
69 211.9 26.7 40.1#
84 124.6 71.8 107.6#





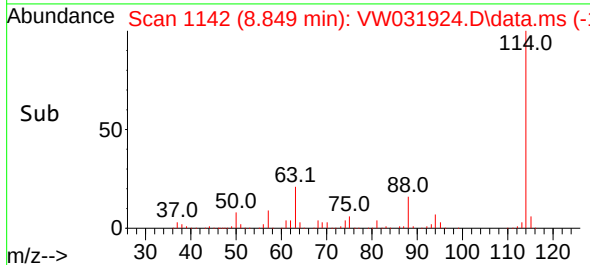
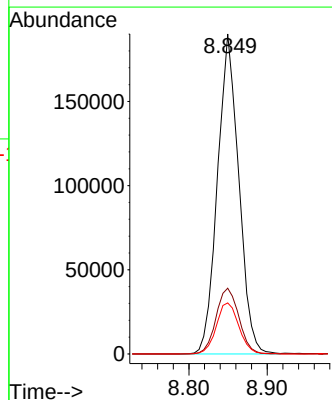
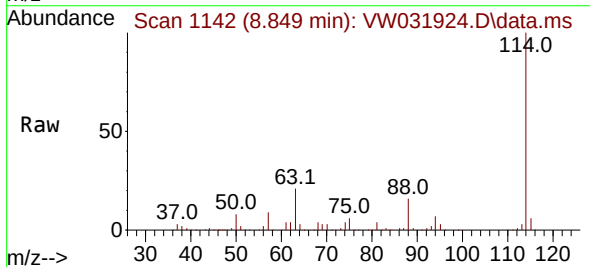
#33
1,2-Dichloroethane-d4
Concen: 51.685 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031924.D
Acq: 24 Jul 2025 14:13

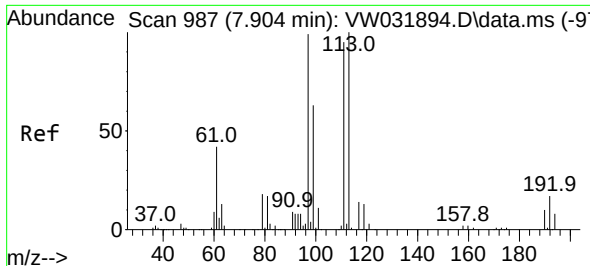
Tgt Ion	Resp	Ion Ratio	Lower	Upper
65	136609	100		
67		50.7	0.0	101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW031924.D
Acq: 24 Jul 2025 14:13

Tgt Ion	Resp	Ion Ratio	Lower	Upper
114	359613	100		
63		20.5	0.0	44.2
88		15.9	0.0	35.6





#35

Dibromofluoromethane

Concen: 49.102 ug/l

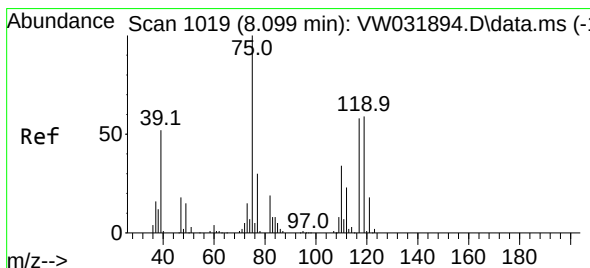
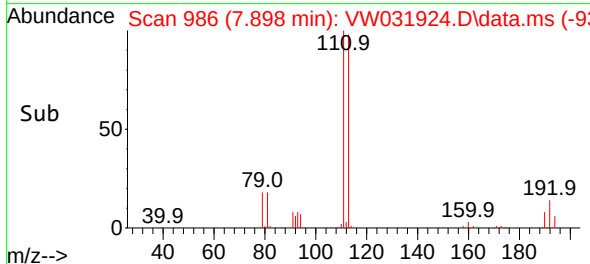
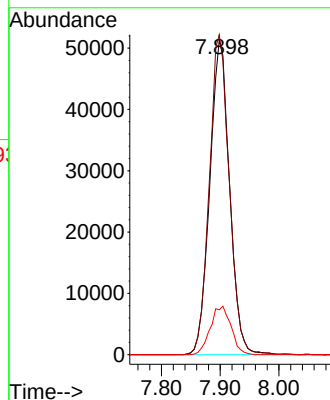
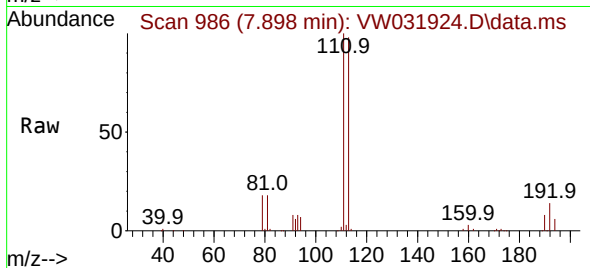
RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW031924.D

Acq: 24 Jul 2025 14:13

Tgt Ion:113	Resp:	119986
Ion	Ratio	Lower Upper
113	100	
111	102.4	79.9 119.9
192	16.1	12.6 19.0



#36

1,1-Dichloropropene

Concen: 4.170 ug/l

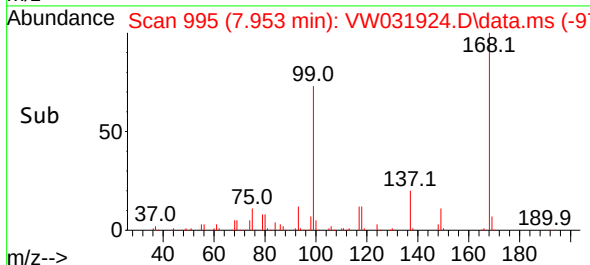
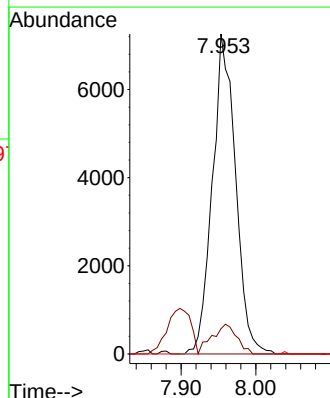
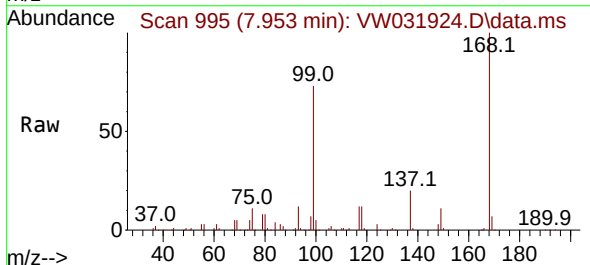
RT: 7.953 min Scan# 995

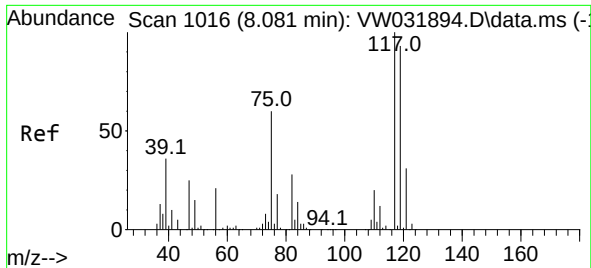
Delta R.T. -0.146 min

Lab File: VW031924.D

Acq: 24 Jul 2025 14:13

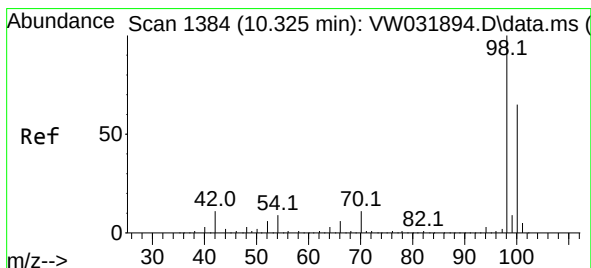
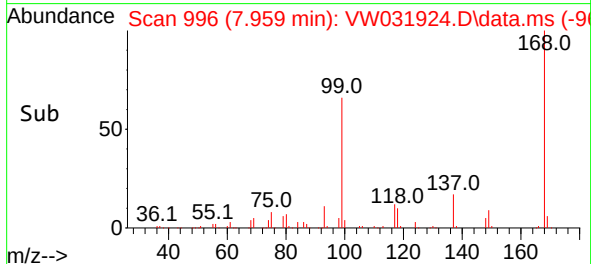
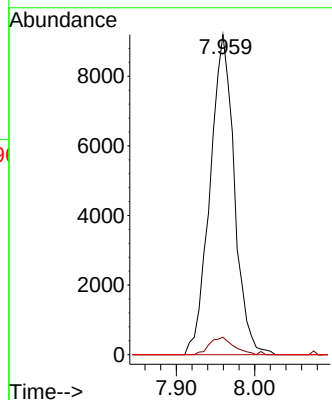
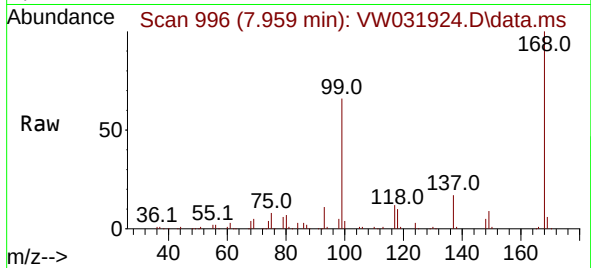
Tgt Ion: 75	Resp:	15650
Ion	Ratio	Lower Upper
75	100	
110	9.9	17.0 50.9#
77	0.0	25.1 37.7#





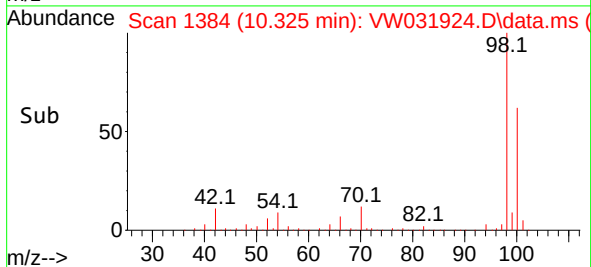
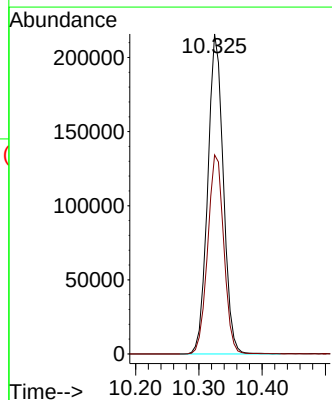
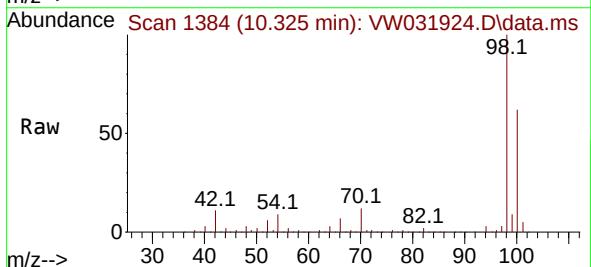
#38
Carbon Tetrachloride
Concen: 5.512 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.122 min
Lab File: VW031924.D
Acq: 24 Jul 2025 14:13

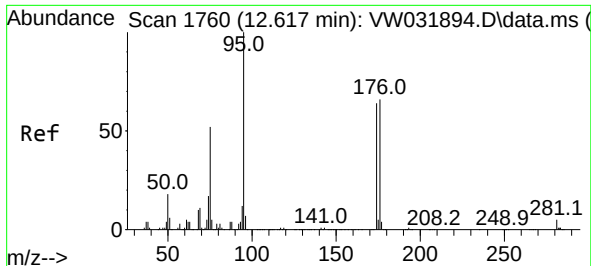
Tgt Ion: 117 Resp: 19851
Ion Ratio Lower Upper
117 100
119 5.5 74.3 111.5#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 39.984 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031924.D
Acq: 24 Jul 2025 14:13

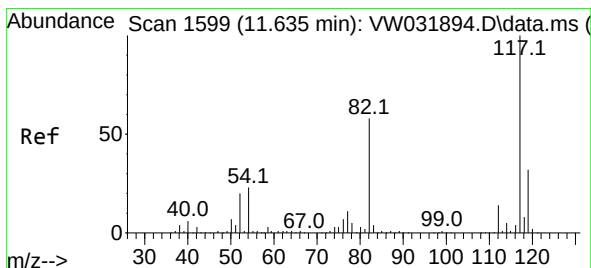
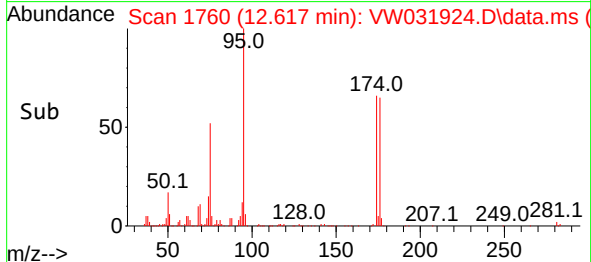
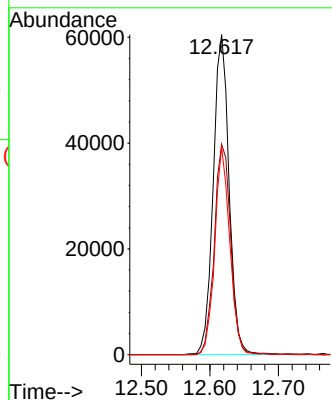
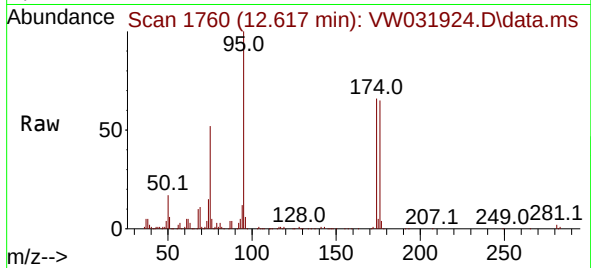
Tgt Ion: 98 Resp: 369788
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5





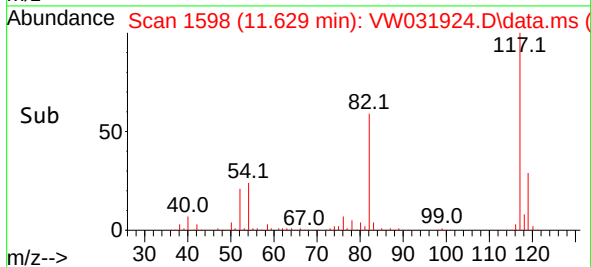
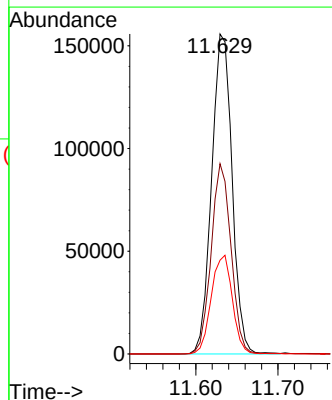
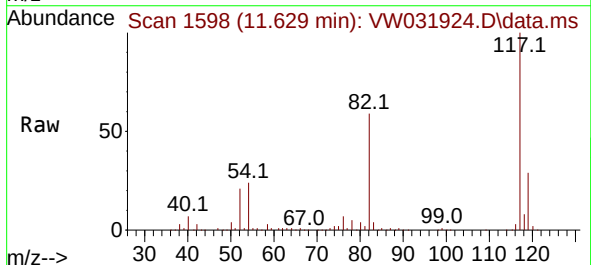
#62
4-Bromofluorobenzene
Concen: 27.483 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031924.D
Acq: 24 Jul 2025 14:13

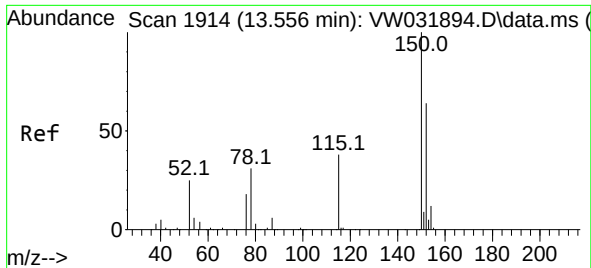
Tgt Ion: 95 Resp: 97597
Ion Ratio Lower Upper
95 100
174 68.1 0.0 129.8
176 61.6 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW031924.D
Acq: 24 Jul 2025 14:13

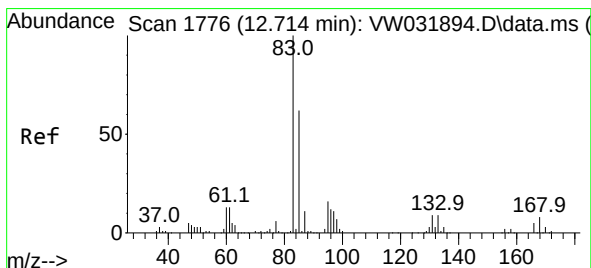
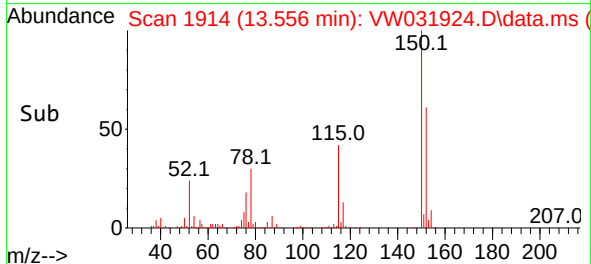
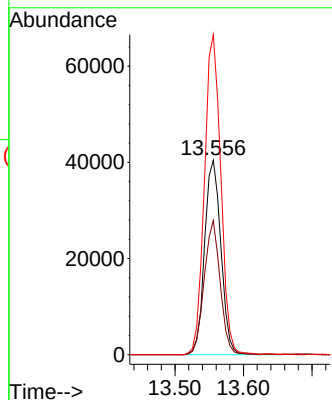
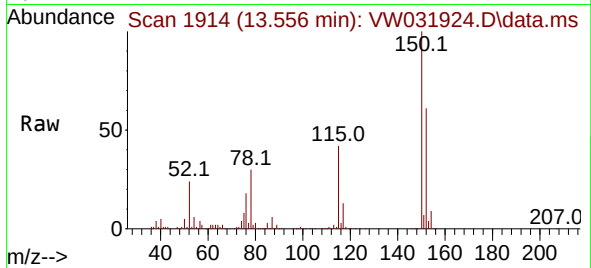
Tgt Ion: 117 Resp: 268955
Ion Ratio Lower Upper
117 100
82 59.4 46.5 69.7
119 29.3 25.8 38.6





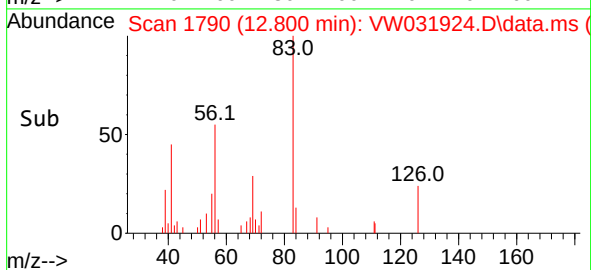
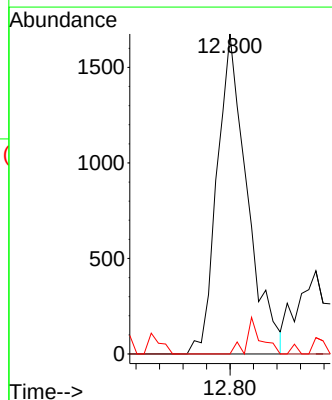
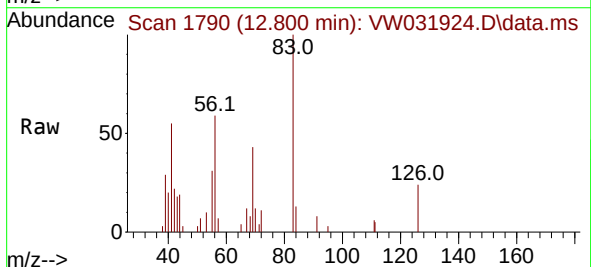
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031924.D
Acq: 24 Jul 2025 14:13

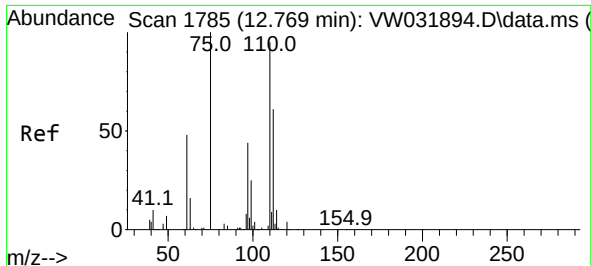
Tgt Ion:152 Resp: 67226
Ion Ratio Lower Upper
152 100
115 67.3 33.4 100.1
150 164.7 0.0 352.2



#75
1,1,2,2-Tetrachloroethane
Concen: 2.403 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.086 min
Lab File: VW031924.D
Acq: 24 Jul 2025 14:13

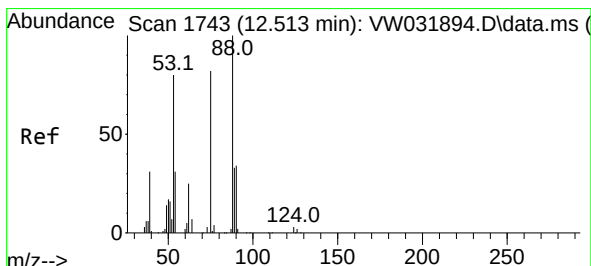
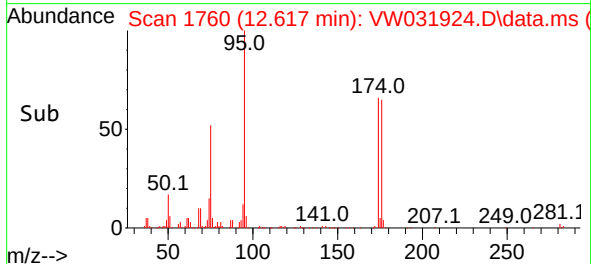
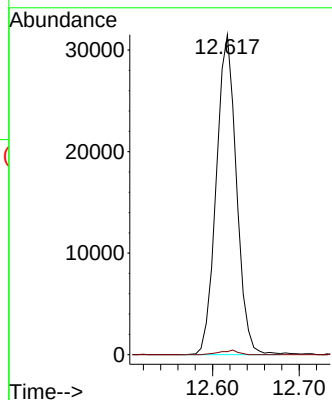
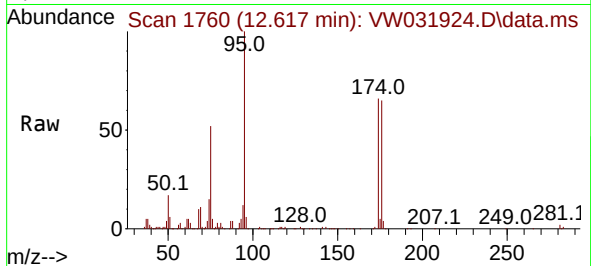
Tgt Ion: 83 Resp: 2975
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 5.4 31.8 95.3#





#76
1,2,3-Trichloropropane
Concen: 54.953 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.152 min
Lab File: VW031924.D
Acq: 24 Jul 2025 14:13

Tgt Ion: 75 Resp: 51005
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.871 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.104 min
Lab File: VW031924.D
Acq: 24 Jul 2025 14:13

Tgt Ion: 75 Resp: 51005
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 39.0 58.6#

