

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
 Data File : VW031926.D
 Acq On : 24 Jul 2025 15:00
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 25 03:45:10 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

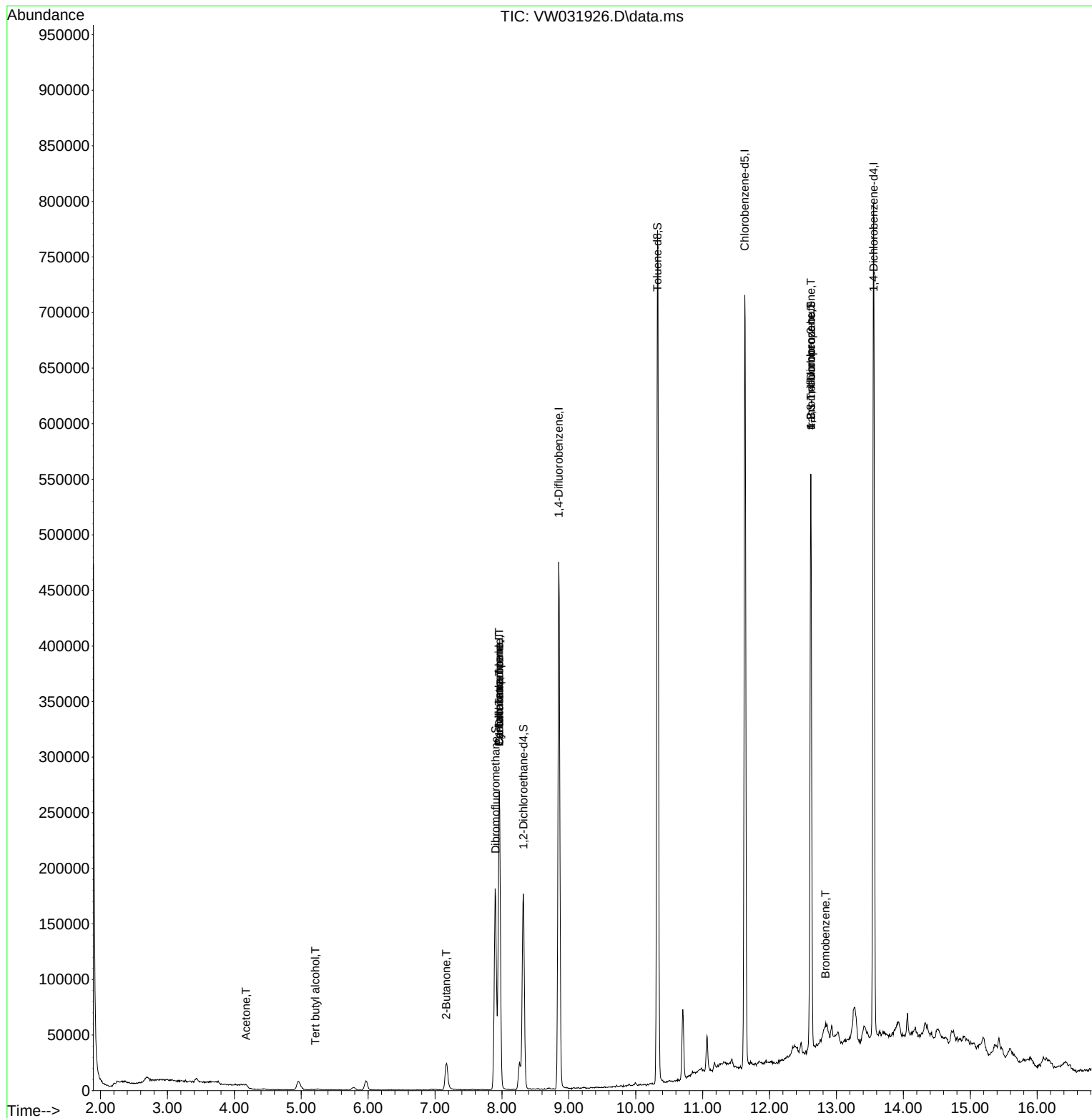
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

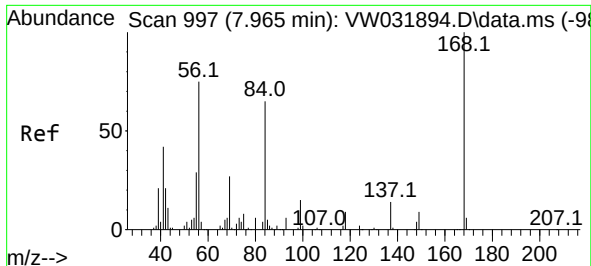
Internal Standards						
1) Pentafluorobenzene	7.959	168	184693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	392606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	382071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	182722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	151964	54.391	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 108.780%		
35) Dibromofluoromethane	7.904	113	131093	49.139	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 98.280%		
50) Toluene-d8	10.325	98	512733	50.782	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 101.560%		
62) 4-Bromofluorobenzene	12.617	95	184936	47.701	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 95.400%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.210	59	690	4.201	ug/l #	72
13) Acrolein	3.936	56	68	Below Cal	#	1
16) Acetone	4.173	43	2597	3.917	ug/l	91
20) Methylene Chloride	4.954	84	6617	Below Cal		97
25) 2-Butanone	7.167	43	1430	1.576	ug/l #	49
31) Cyclohexane	7.959	56	4690	1.095	ug/l #	20
36) 1,1-Dichloropropene	7.959	75	17844	4.355	ug/l #	50
38) Carbon Tetrachloride	7.959	117	21012	5.344	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	99346	39.380	ug/l #	100
77) Bromobenzene	12.837	156	26628	7.763	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	99346	90.917	ug/l #	8

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072425\
Data File : VW031926.D
Acq On : 24 Jul 2025 15:00
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

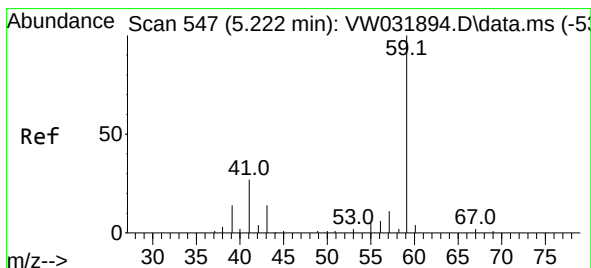
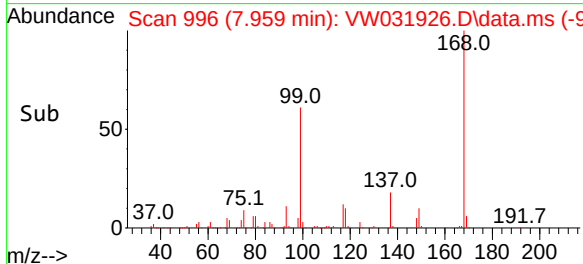
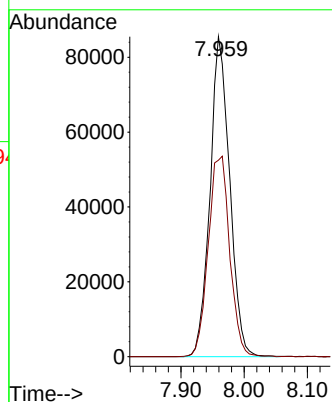
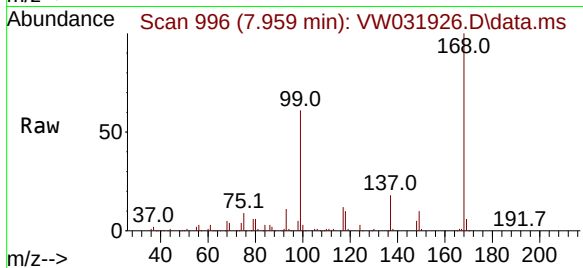
Quant Time: Jul 25 03:45:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration





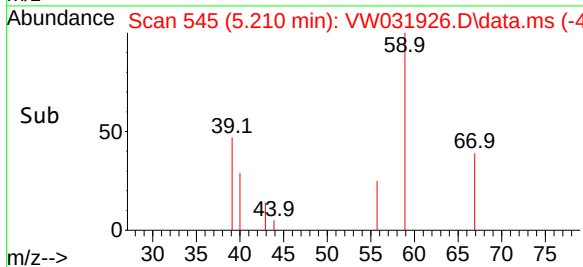
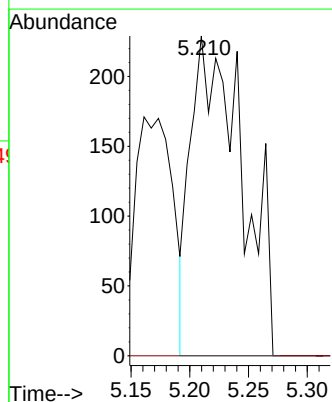
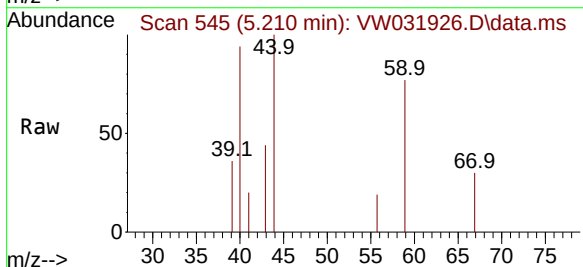
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031926.D
Acq: 24 Jul 2025 15:00

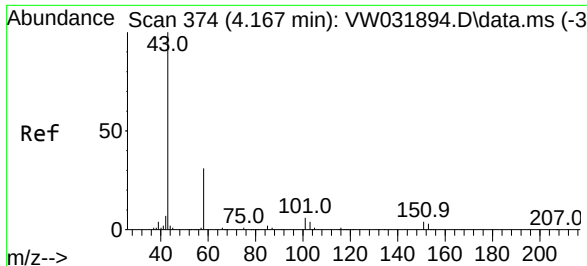
Tgt Ion:168 Resp: 184693
Ion Ratio Lower Upper
168 100
99 61.3 48.2 72.2



#11
Tert butyl alcohol
Concen: 4.201 ug/l
RT: 5.210 min Scan# 545
Delta R.T. -0.012 min
Lab File: VW031926.D
Acq: 24 Jul 2025 15:00

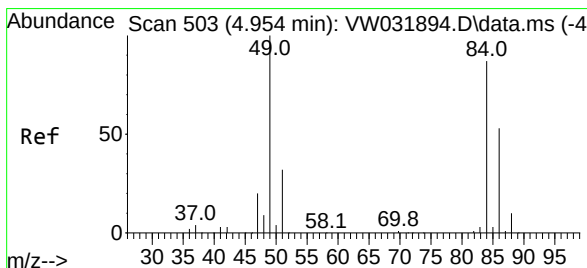
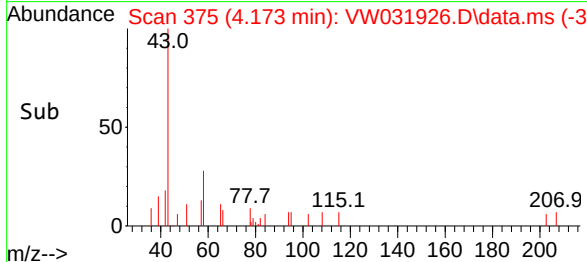
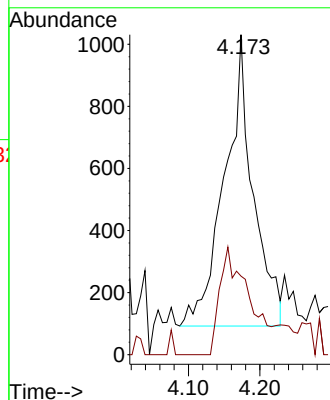
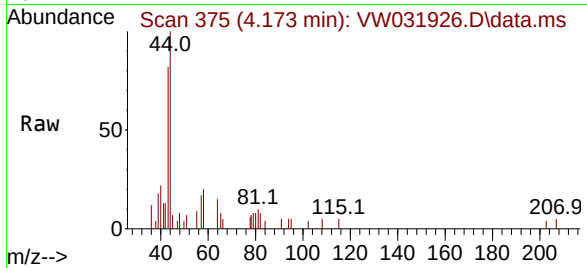
Tgt Ion: 59 Resp: 690
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





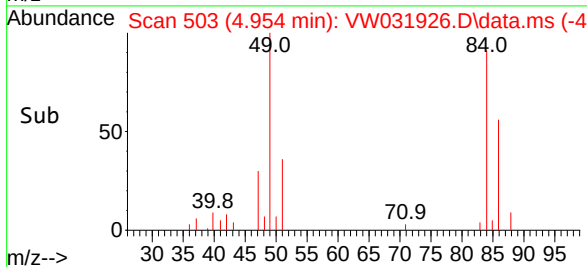
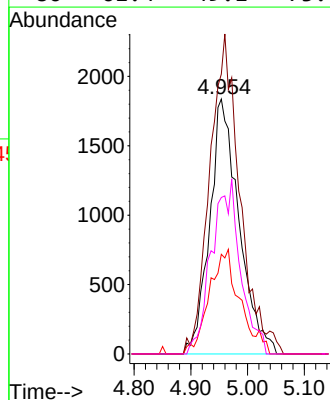
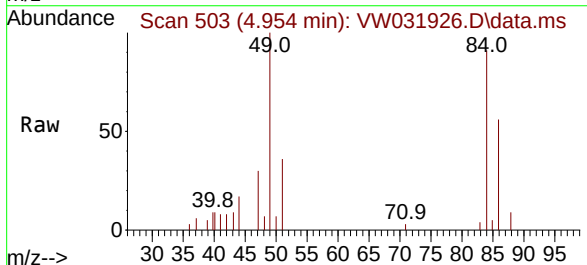
#16
Acetone
Concen: 3.917 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.006 min
Lab File: VW031926.D
Acq: 24 Jul 2025 15:00

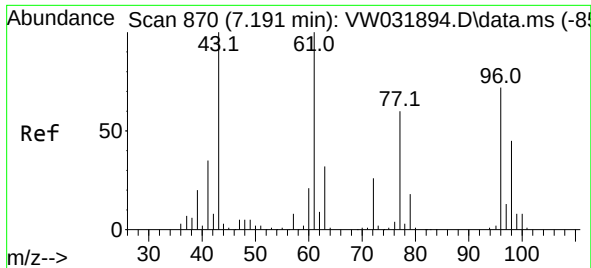
Tgt Ion: 43 Resp: 2597
Ion Ratio Lower Upper
43 100
58 26.9 25.5 38.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW031926.D
Acq: 24 Jul 2025 15:00

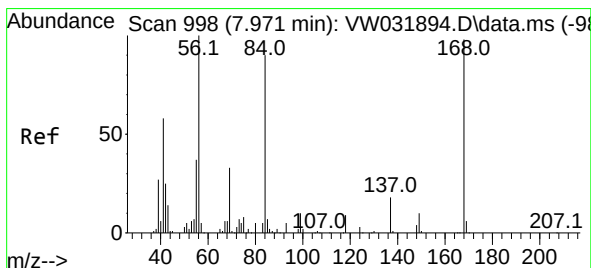
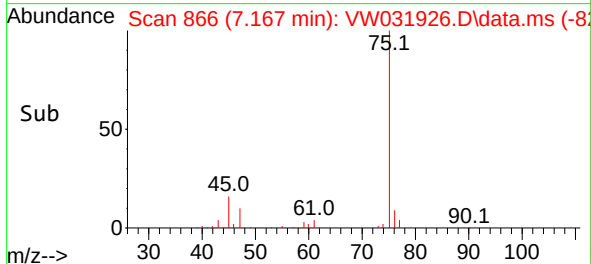
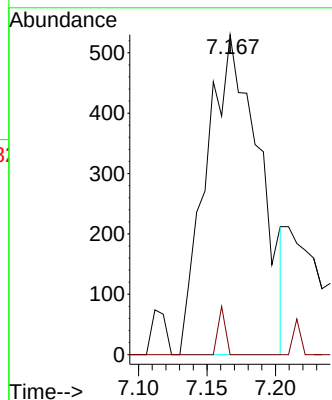
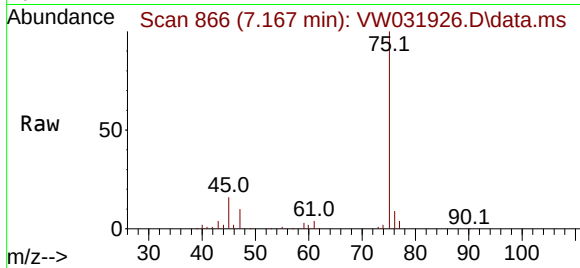
Tgt Ion: 84 Resp: 6617
Ion Ratio Lower Upper
84 100
49 109.8 91.9 137.9
51 39.1 29.0 43.6
86 61.4 49.1 73.7





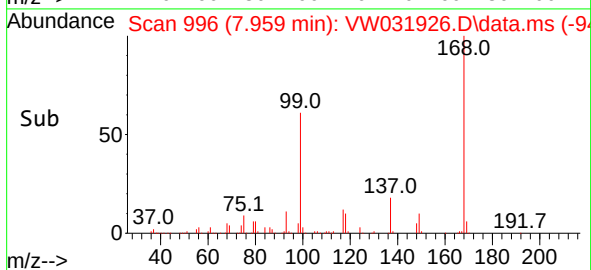
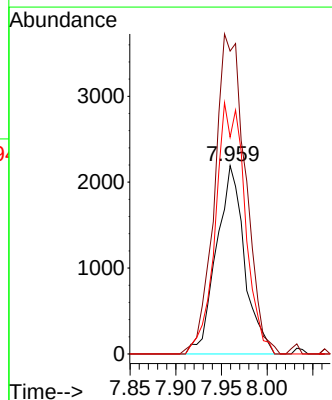
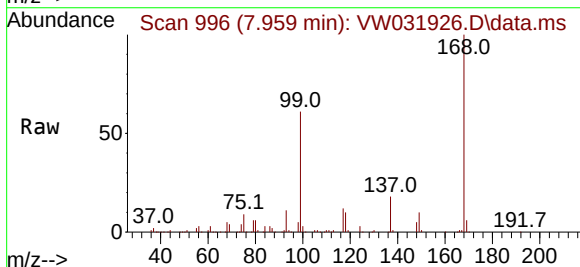
#25
2-Butanone
Concen: 1.576 ug/l
RT: 7.167 min Scan# 866
Delta R.T. -0.024 min
Lab File: VW031926.D
Acq: 24 Jul 2025 15:00

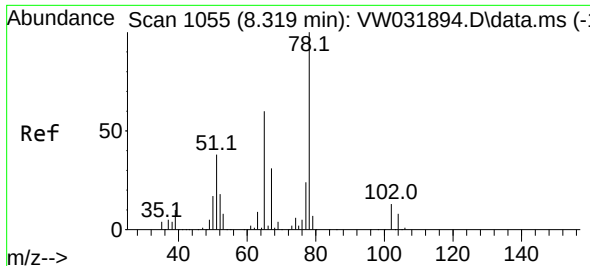
Tgt Ion: 43 Resp: 1430
Ion Ratio Lower Upper
43 100
72 0.0 20.8 31.2#



#31
Cyclohexane
Concen: 1.095 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031926.D
Acq: 24 Jul 2025 15:00

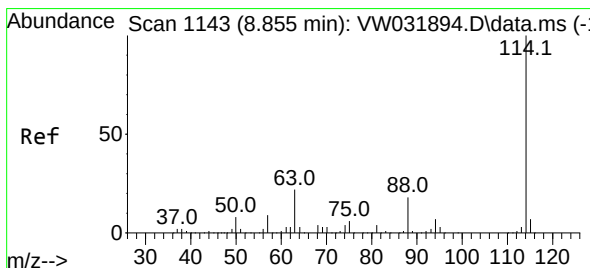
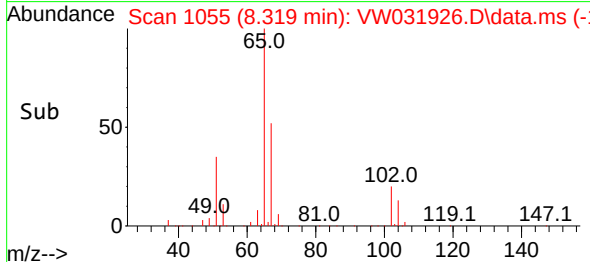
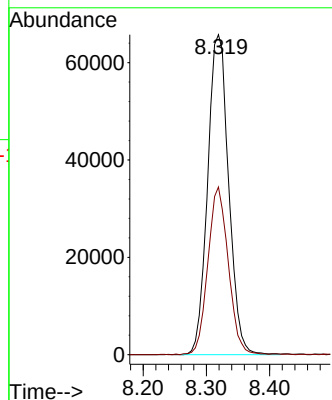
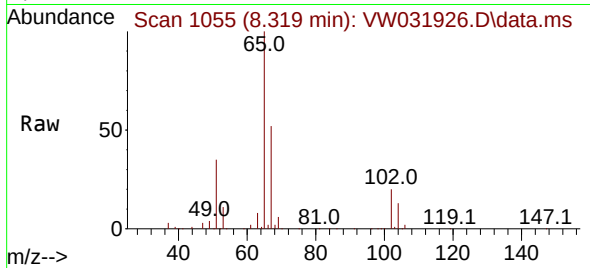
Tgt Ion: 56 Resp: 4690
Ion Ratio Lower Upper
56 100
69 160.8 26.7 40.1#
84 115.1 71.8 107.6#





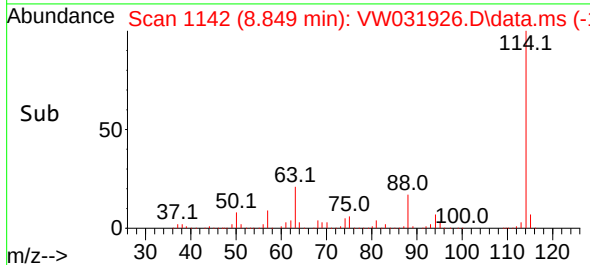
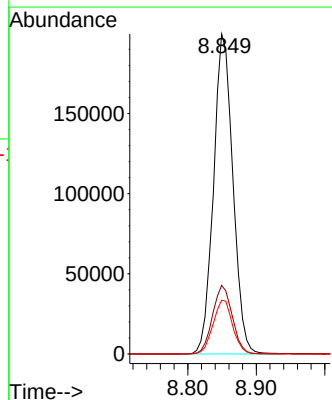
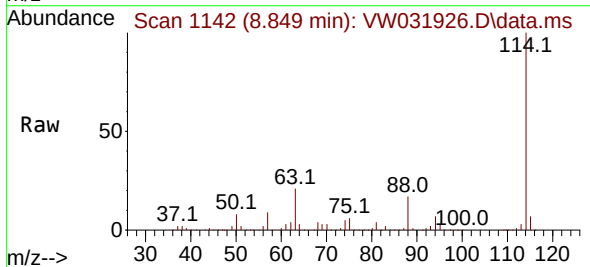
#33
 1,2-Dichloroethane-d4
 Concen: 54.391 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031926.D
 Acq: 24 Jul 2025 15:00

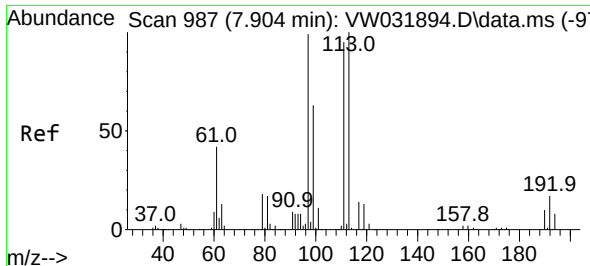
Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031926.D
 Acq: 24 Jul 2025 15:00

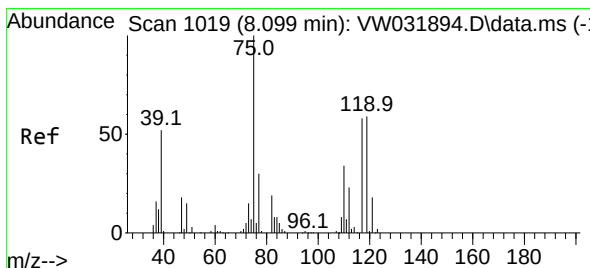
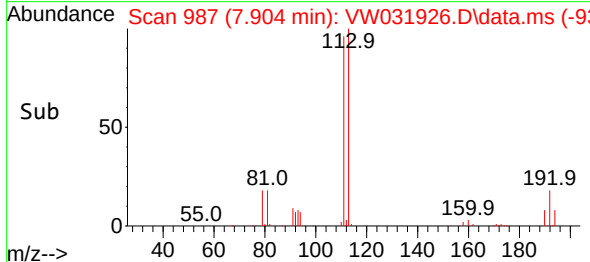
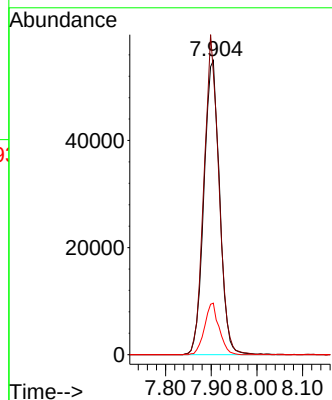
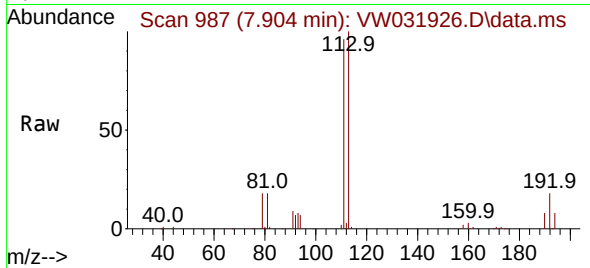
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	44.2
88	16.8	0.0	35.6





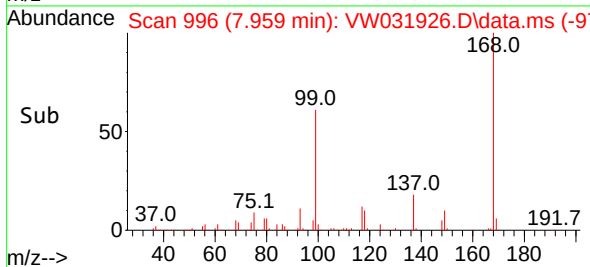
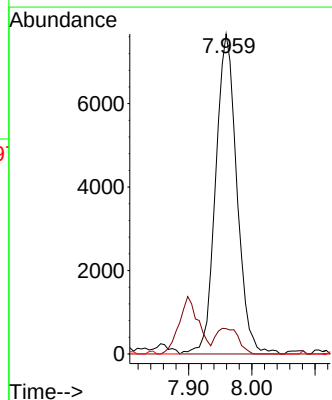
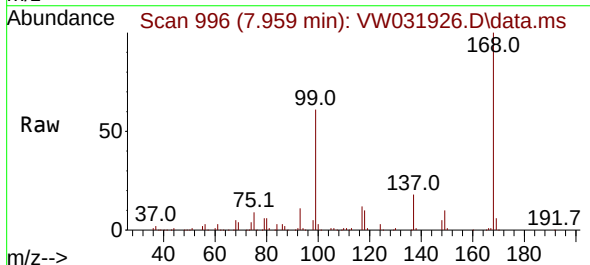
#35
Dibromofluoromethane
Concen: 49.139 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031926.D
Acq: 24 Jul 2025 15:00

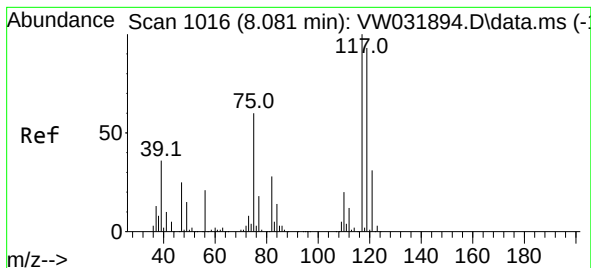
Tgt Ion: 113 Resp: 131093
Ion Ratio Lower Upper
113 100
111 103.0 79.9 119.9
192 16.2 12.6 19.0



#36
1,1-Dichloropropene
Concen: 4.355 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.140 min
Lab File: VW031926.D
Acq: 24 Jul 2025 15:00

Tgt Ion: 75 Resp: 17844
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.344 ug/l

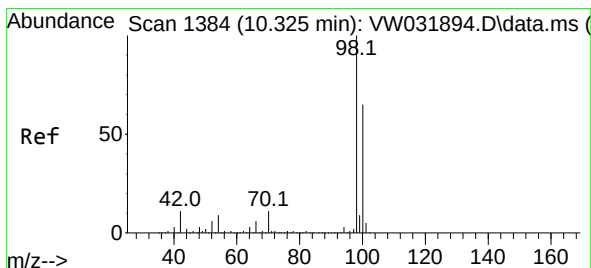
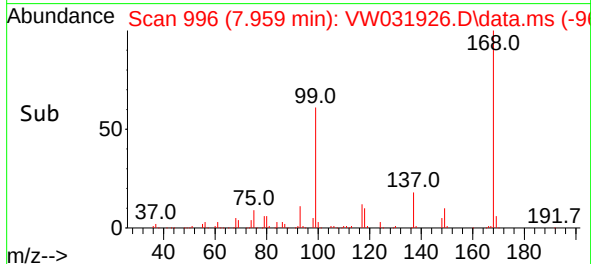
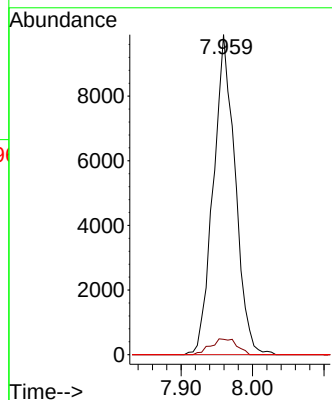
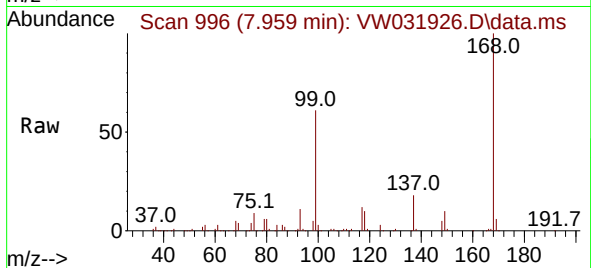
RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW031926.D

Acq: 24 Jul 2025 15:00

Tgt Ion:	117	Resp:	21012
Ion	Ratio	Lower	Upper
117	100		
119	4.8	74.3	111.5#
121	0.0	24.6	37.0#



#50

Toluene-d8

Concen: 50.782 ug/l

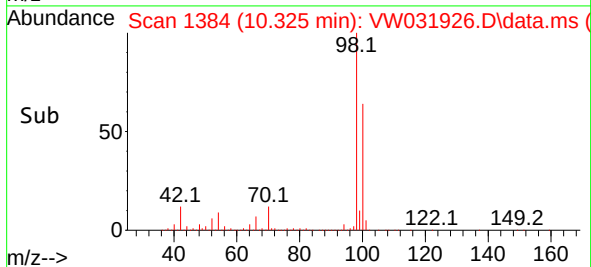
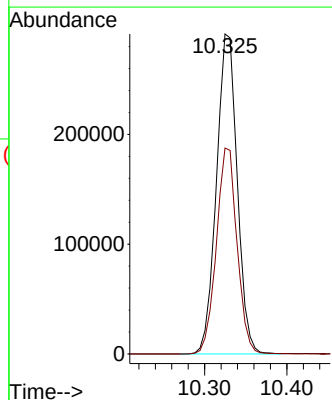
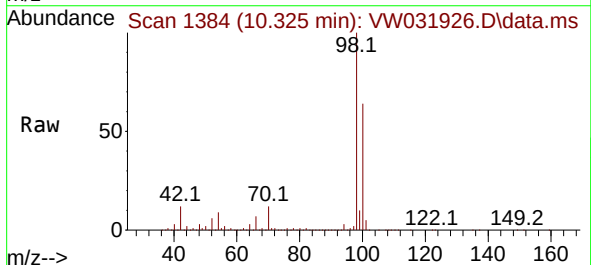
RT: 10.325 min Scan# 1384

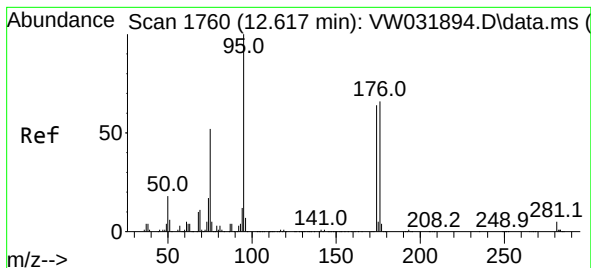
Delta R.T. 0.000 min

Lab File: VW031926.D

Acq: 24 Jul 2025 15:00

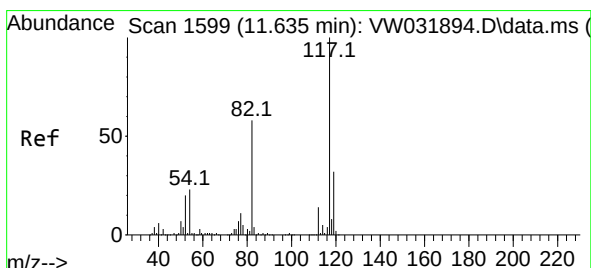
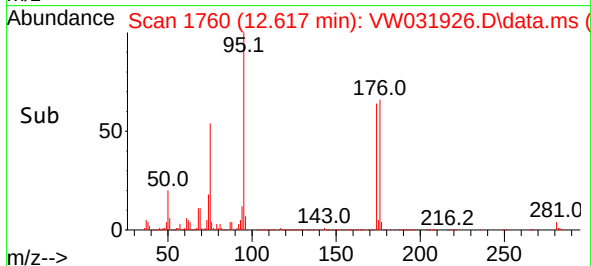
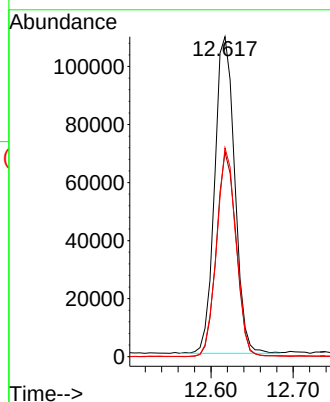
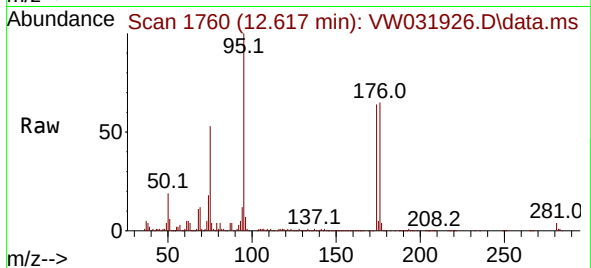
Tgt Ion:	98	Resp:	512733
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.7	77.5





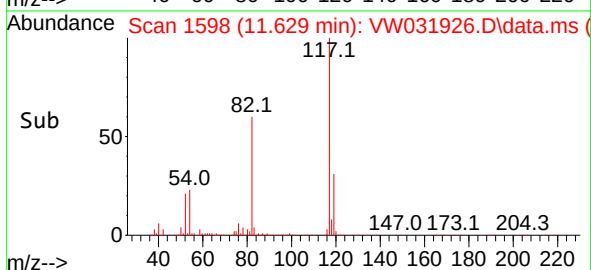
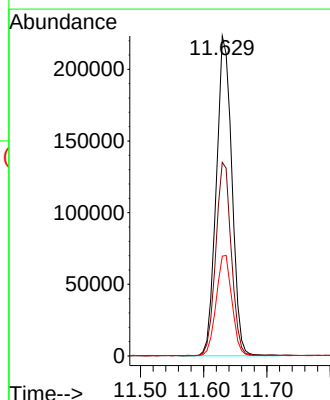
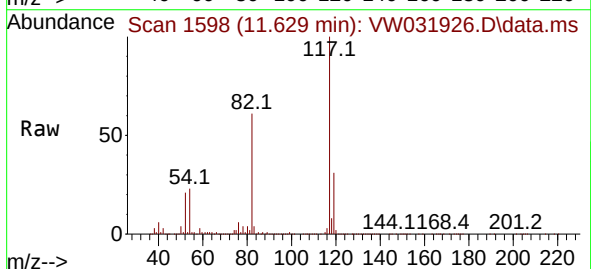
#62
4-Bromofluorobenzene
Concen: 47.701 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031926.D
Acq: 24 Jul 2025 15:00

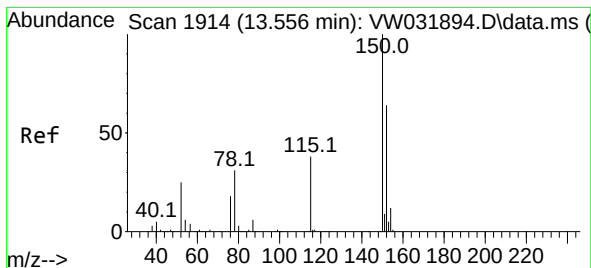
Tgt Ion: 95 Resp: 184936
Ion Ratio Lower Upper
95 100
174 63.8 0.0 129.8
176 63.8 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW031926.D
Acq: 24 Jul 2025 15:00

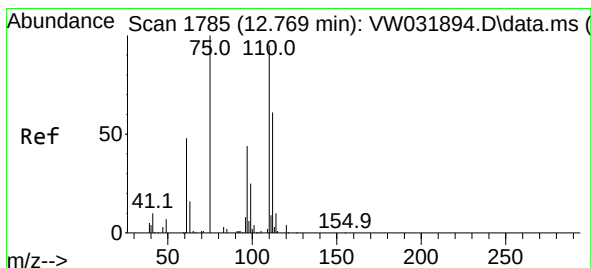
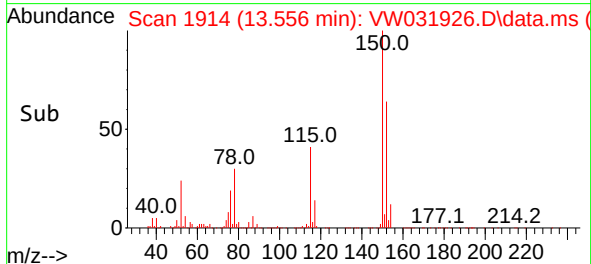
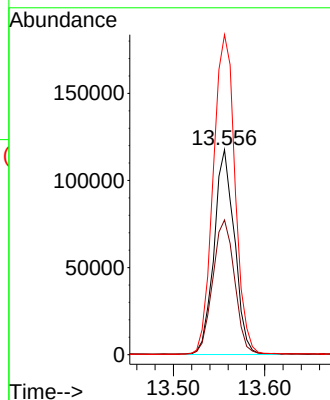
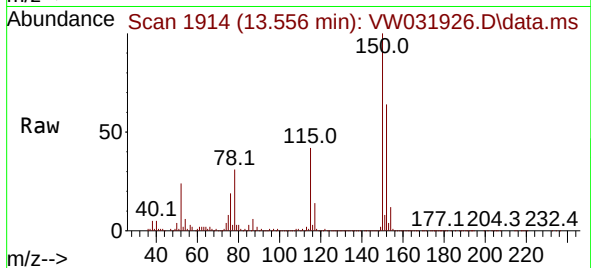
Tgt Ion: 117 Resp: 382071
Ion Ratio Lower Upper
117 100
82 60.4 46.5 69.7
119 31.1 25.8 38.6





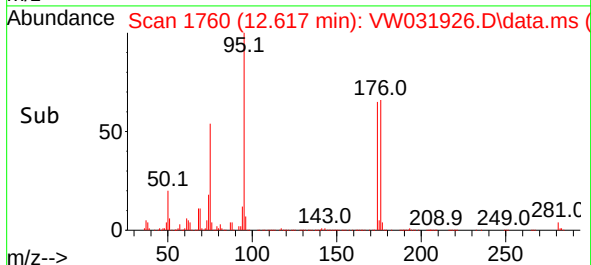
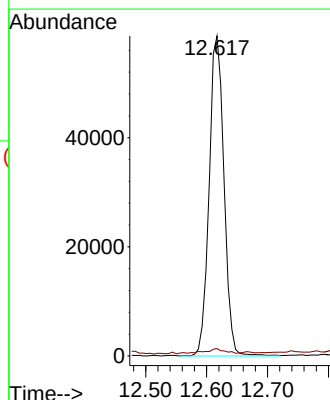
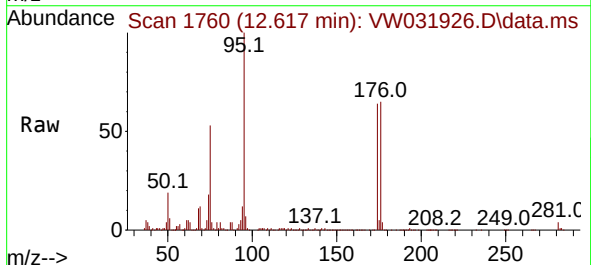
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031926.D
Acq: 24 Jul 2025 15:00

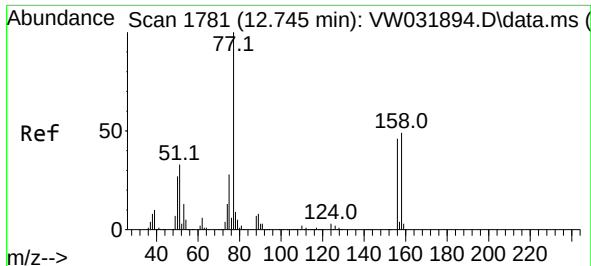
Tgt Ion:152 Resp: 182722
Ion Ratio Lower Upper
152 100
115 69.4 33.4 100.1
150 166.7 0.0 352.2



#76
1,2,3-Trichloropropane
Concen: 39.380 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.152 min
Lab File: VW031926.D
Acq: 24 Jul 2025 15:00

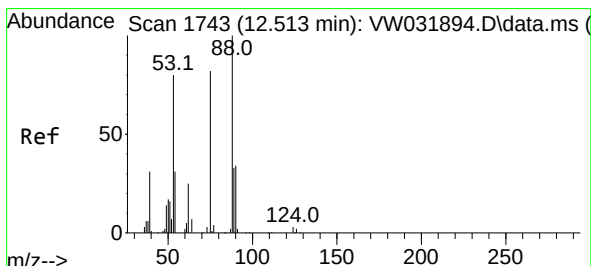
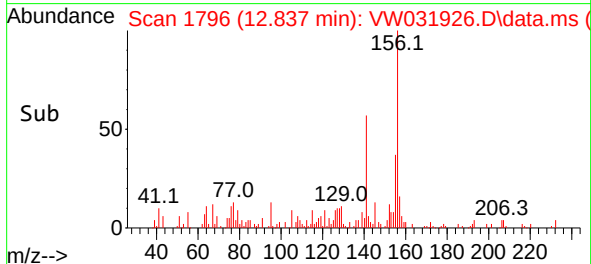
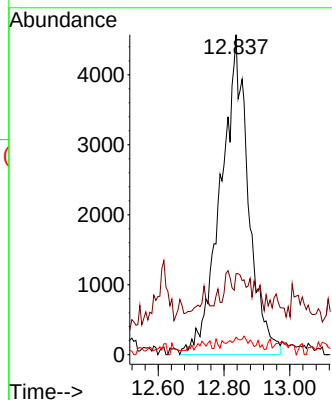
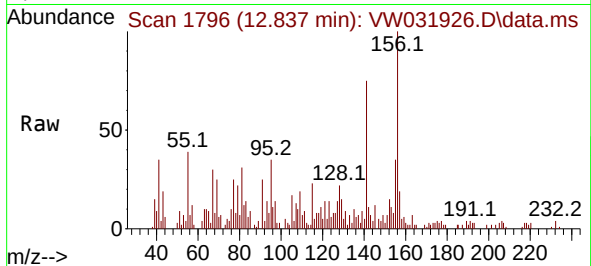
Tgt Ion: 75 Resp: 99346
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#77
Bromobenzene
Concen: 7.763 ug/l
RT: 12.837 min Scan# 1796
Delta R.T. 0.092 min
Lab File: VW031926.D
Acq: 24 Jul 2025 15:00

Tgt Ion:156 Resp: 26628
Ion Ratio Lower Upper
156 100
77 1.5 115.3 345.8#
158 0.2 50.1 150.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.917 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.104 min
Lab File: VW031926.D
Acq: 24 Jul 2025 15:00

Tgt Ion: 75 Resp: 99346
Ion Ratio Lower Upper
75 100
53 0.2 83.7 125.5#
89 0.4 39.0 58.6#

