

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061725\
 Data File : VY022723.D
 Acq On : 17 Jun 2025 14:48
 Operator : SY/MD
 Sample : Q2339-03
 Misc : 4.91g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 18 04:42:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

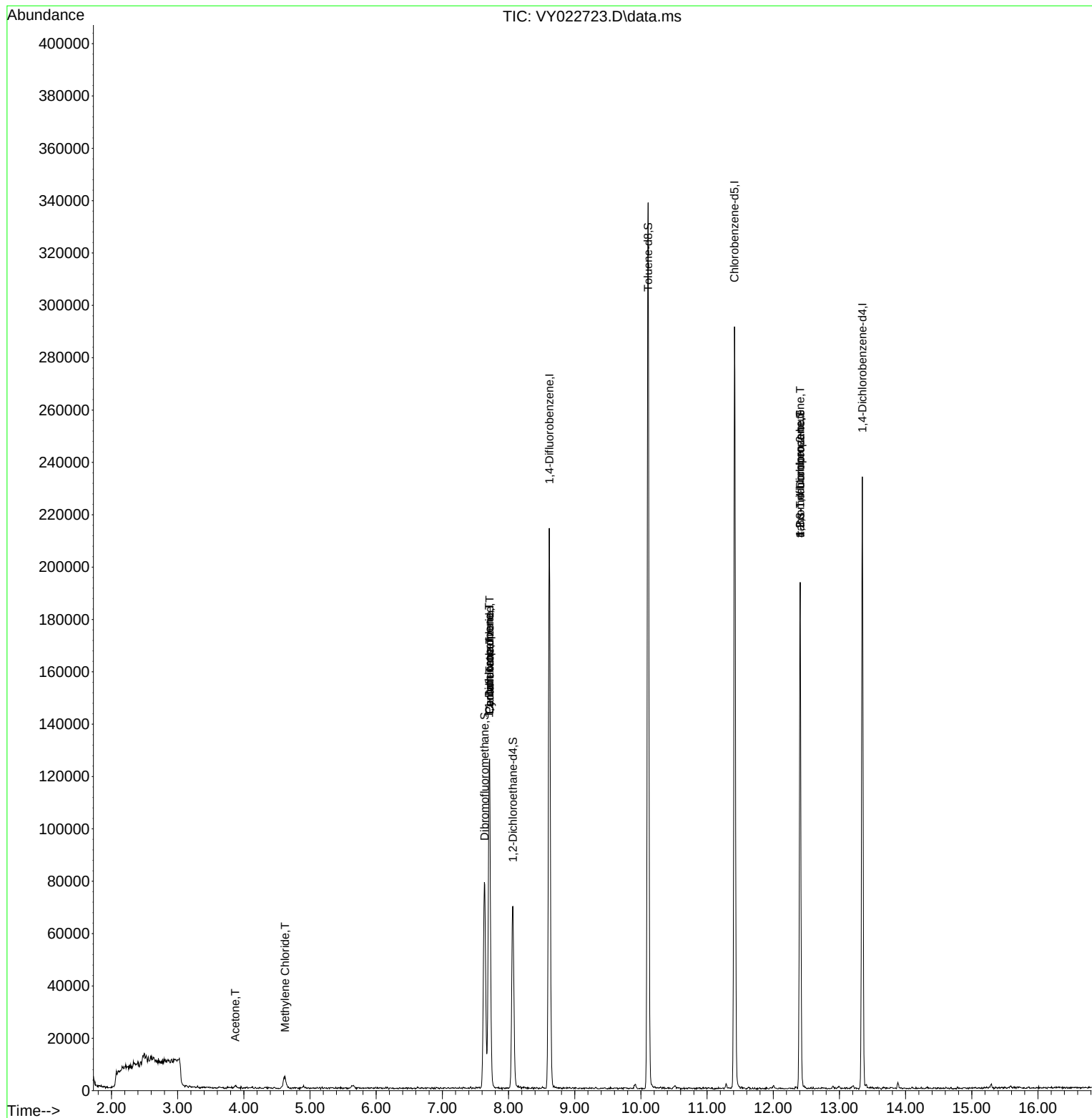
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

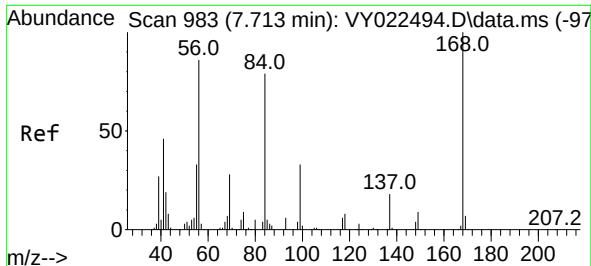
Internal Standards						
1) Pentafluorobenzene	7.713	168	93828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	175347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	142656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	53585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	53680	51.152	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.300%	
35) Dibromofluoromethane	7.640	113	54147	51.736	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.480%	
50) Toluene-d8	10.109	98	214683	50.765	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.520%	
62) 4-Bromofluorobenzene	12.407	95	51035	40.503	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.000%	
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	1444	6.775	ug/l #	70
20) Methylene Chloride	4.622	84	2798	2.311	ug/l	92
31) Cyclohexane	7.713	56	2856	1.416	ug/l #	47
36) 1,1-Dichloropropene	7.707	75	8510	5.010	ug/l #	49
38) Carbon Tetrachloride	7.713	117	10020	5.750	ug/l #	18
76) 1,2,3-Trichloropropane	12.407	75	30099	49.099	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	30099	118.570	ug/l #	11

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

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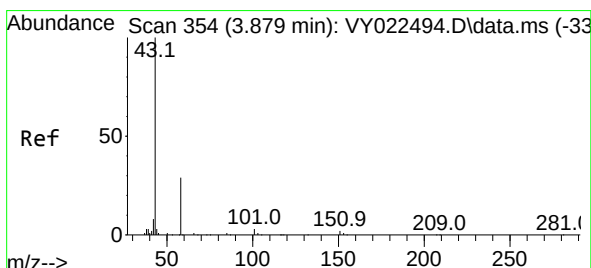
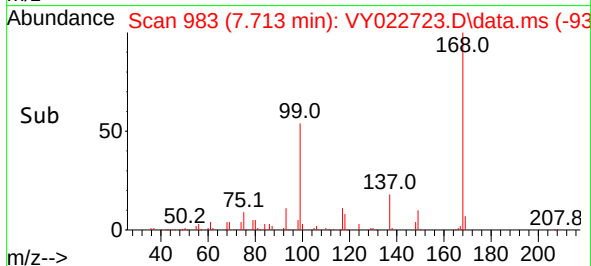
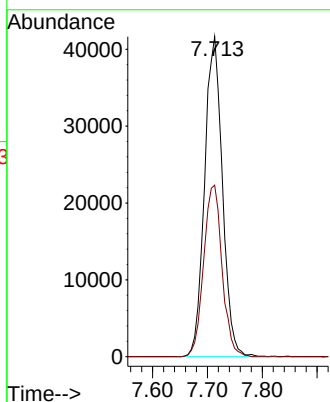
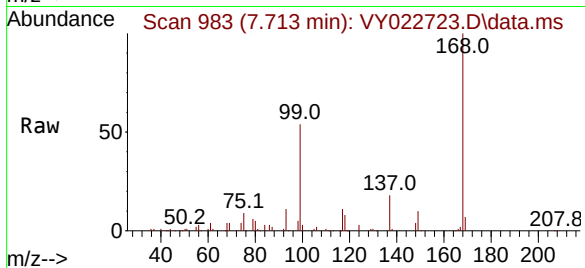
Quant Time: Jun 18 04:42:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
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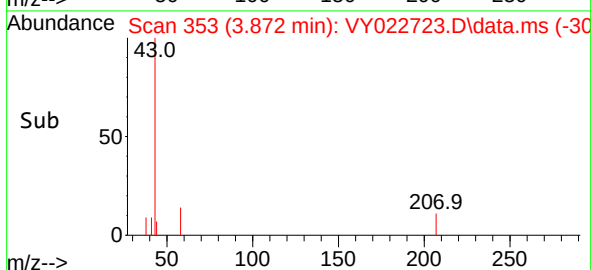
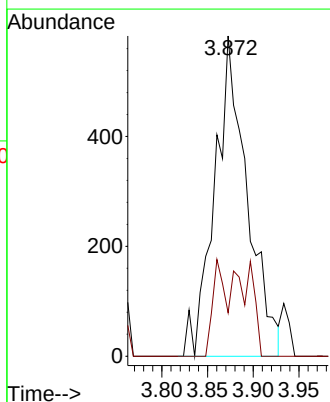
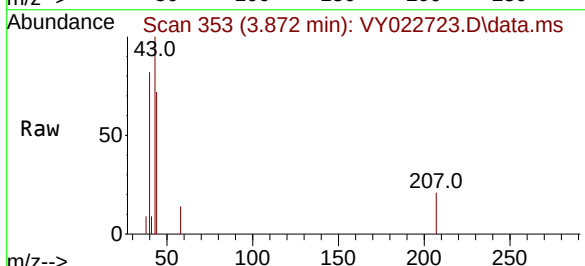
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022723.D
Acq: 17 Jun 2025 14:48

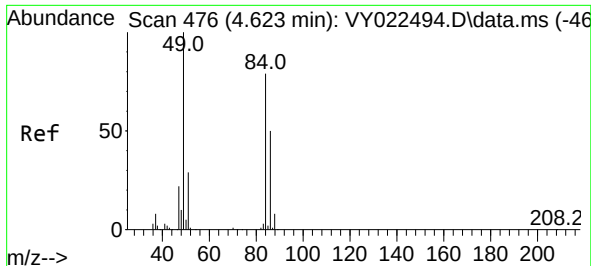
Tgt Ion:168 Resp: 93828
Ion Ratio Lower Upper
168 100
99 53.6 44.3 66.5



#16
Acetone
Concen: 6.775 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022723.D
Acq: 17 Jun 2025 14:48

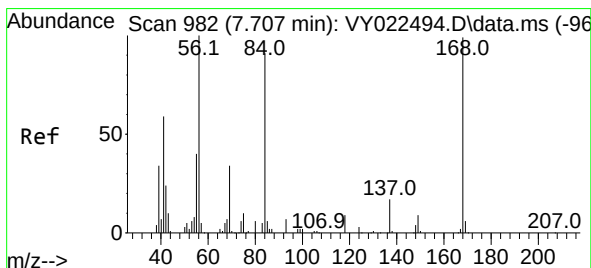
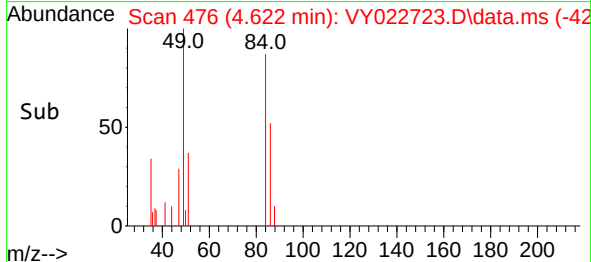
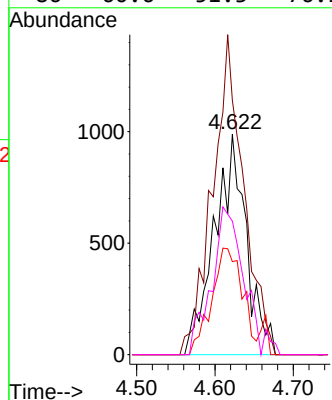
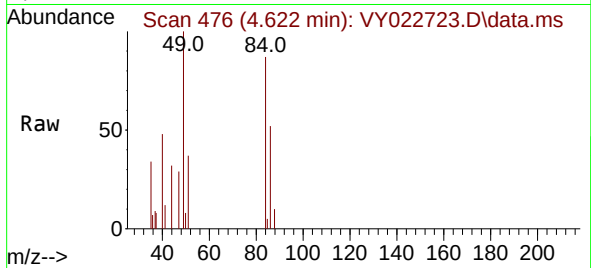
Tgt Ion: 43 Resp: 1444
Ion Ratio Lower Upper
43 100
58 13.6 24.0 36.0#





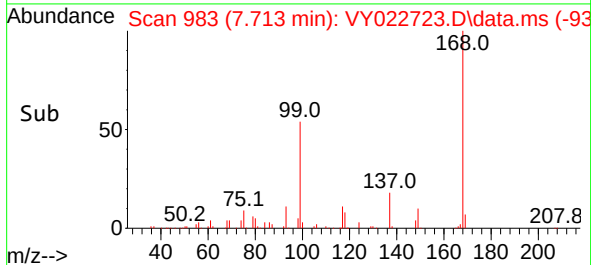
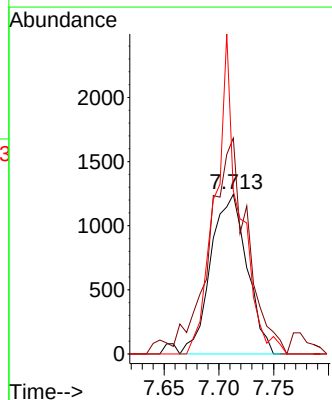
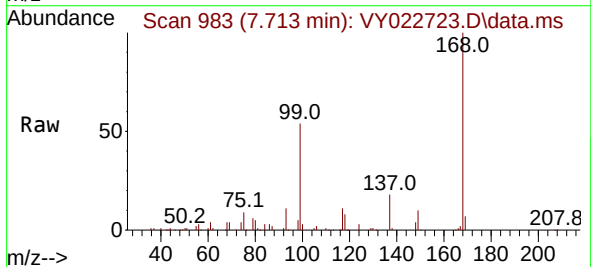
#20
Methylene Chloride
Concen: 2.311 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022723.D
Acq: 17 Jun 2025 14:48

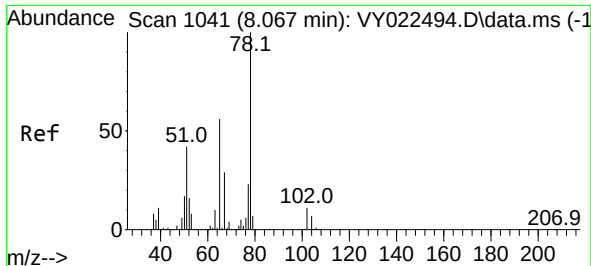
Tgt Ion:	84	Resp:	2798
Ion	Ratio	Lower	Upper
84	100		
49	115.4	101.9	152.9
51	42.3	29.8	44.8
86	60.6	51.3	76.9



#31
Cyclohexane
Concen: 1.416 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY022723.D
Acq: 17 Jun 2025 14:48

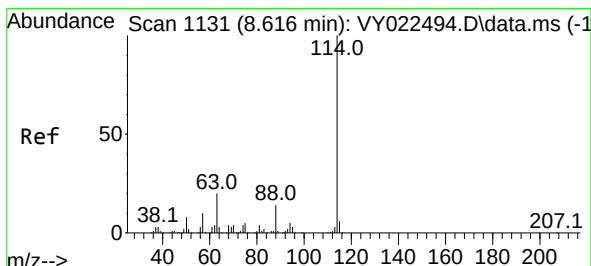
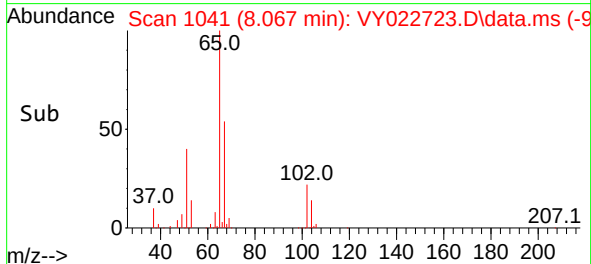
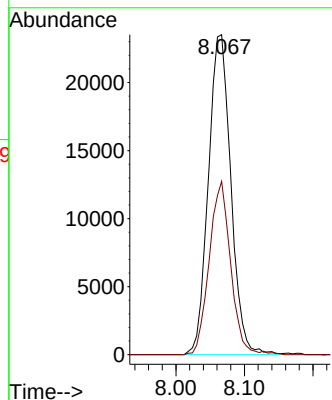
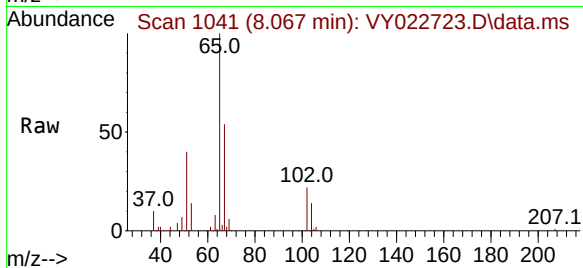
Tgt Ion:	56	Resp:	2856
Ion	Ratio	Lower	Upper
56	100		
69	126.6	27.0	40.6#
84	102.3	72.6	109.0





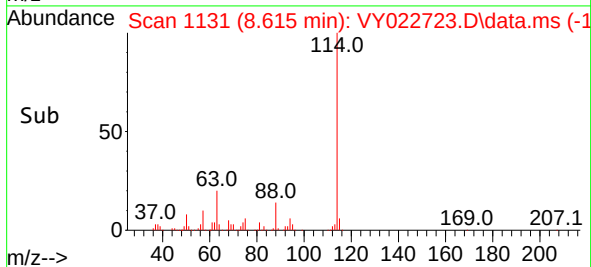
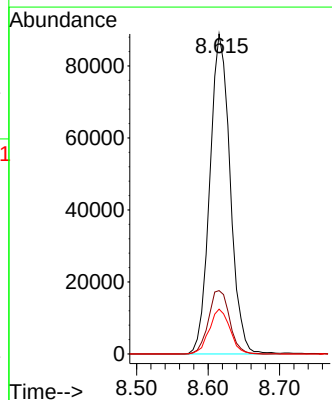
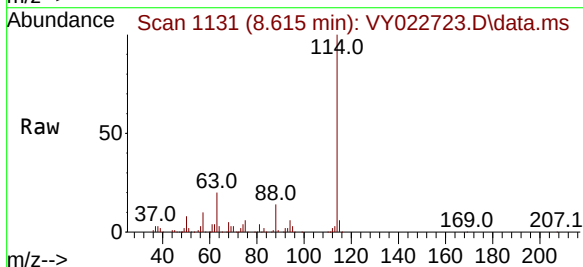
#33
1,2-Dichloroethane-d4
Concen: 51.152 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022723.D
Acq: 17 Jun 2025 14:48

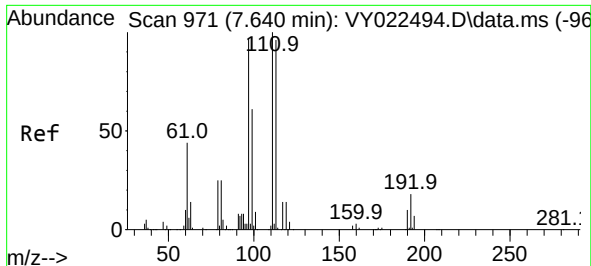
Tgt Ion: 65 Resp: 53680
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022723.D
Acq: 17 Jun 2025 14:48

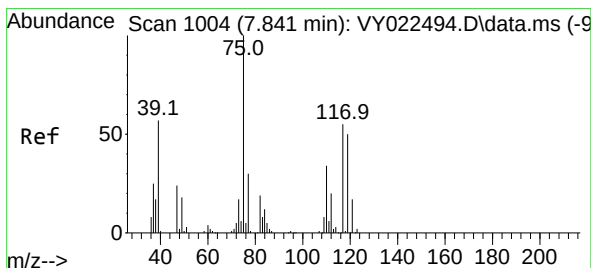
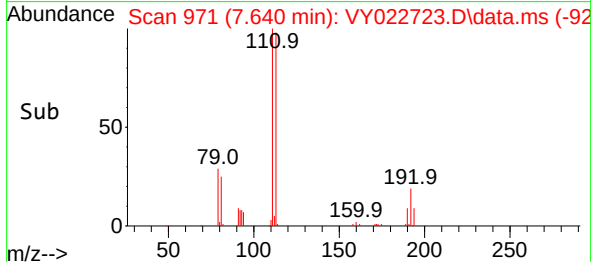
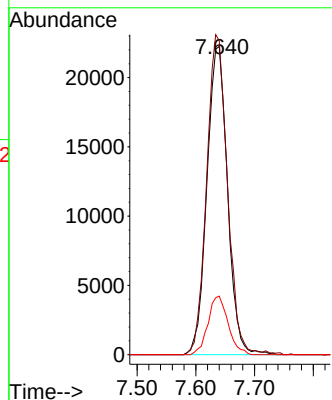
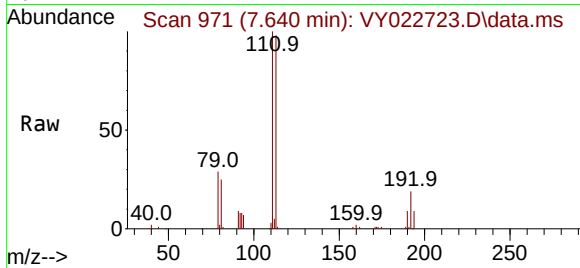
Tgt Ion: 114 Resp: 175347
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 14.0 0.0 27.8





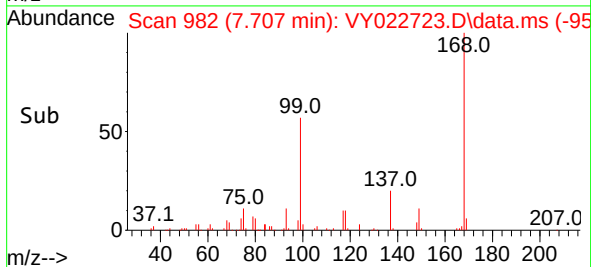
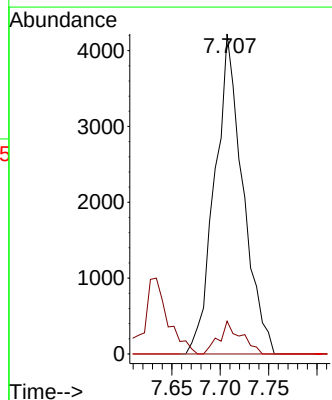
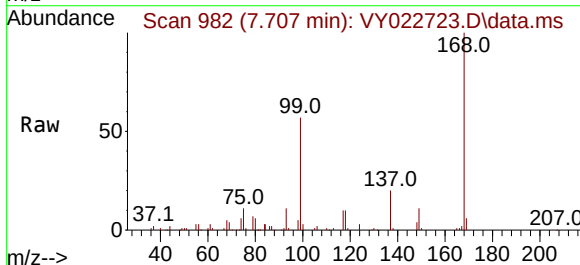
#35
Dibromofluoromethane
Concen: 51.736 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022723.D
Acq: 17 Jun 2025 14:48

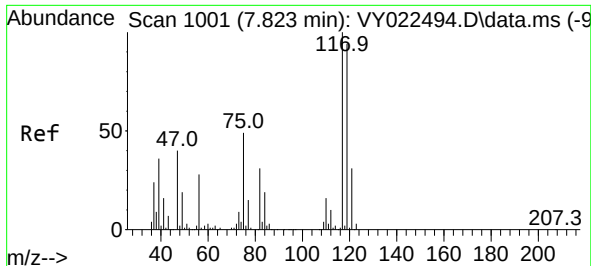
Tgt Ion:	113	Resp:	54147
Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.1	121.7
192	18.6	14.2	21.2



#36
1,1-Dichloropropene
Concen: 5.010 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY022723.D
Acq: 17 Jun 2025 14:48

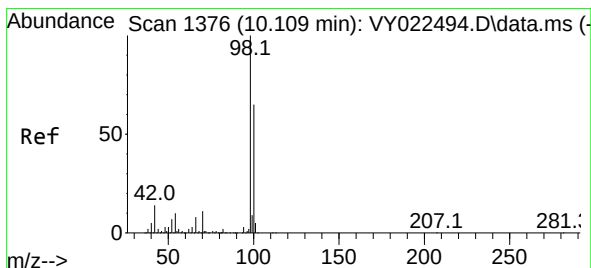
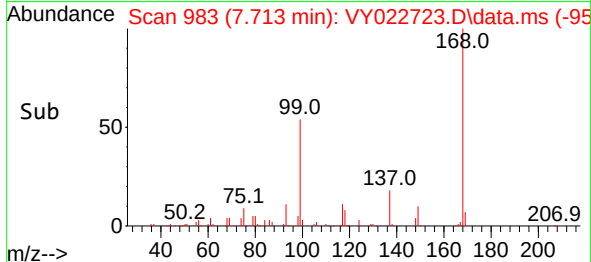
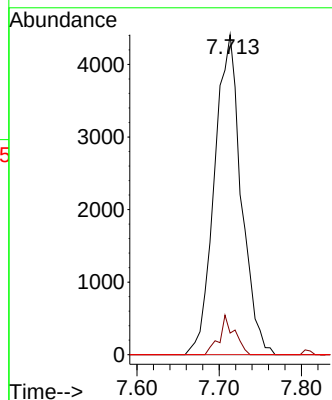
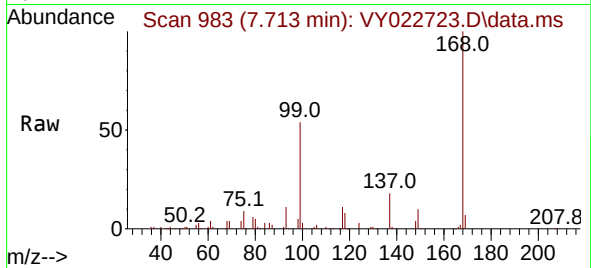
Tgt Ion:	75	Resp:	8510
Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.9	50.7#
77	0.0	24.8	37.2#





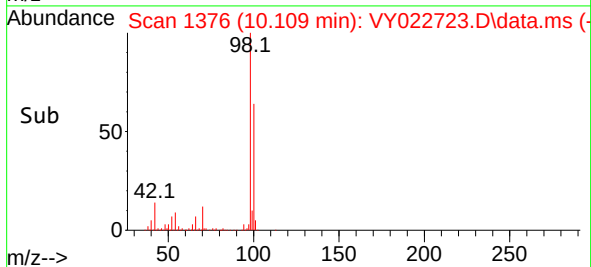
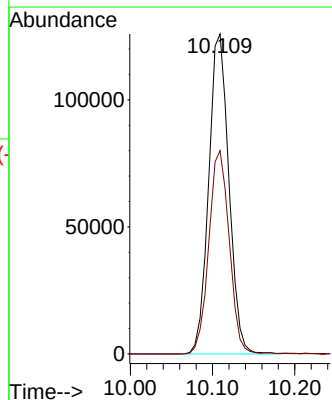
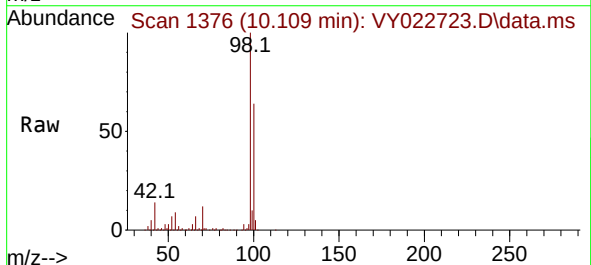
#38
Carbon Tetrachloride
Concen: 5.750 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY022723.D
Acq: 17 Jun 2025 14:48

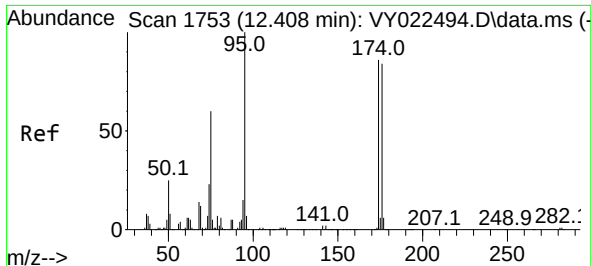
Tgt Ion:117 Resp: 10020
Ion Ratio Lower Upper
117 100
119 6.8 75.0 112.6#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 50.765 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022723.D
Acq: 17 Jun 2025 14:48

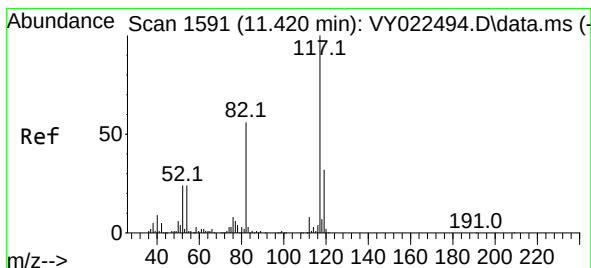
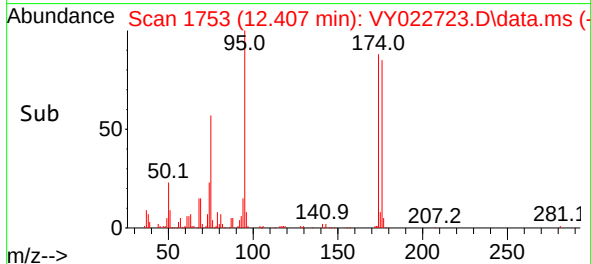
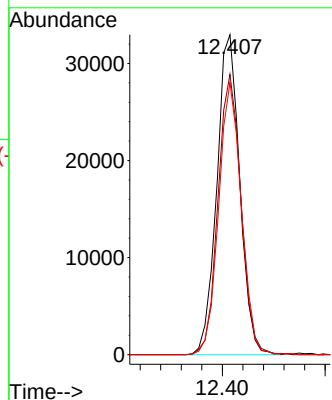
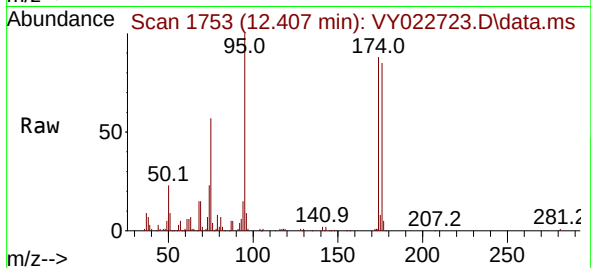
Tgt Ion: 98 Resp: 214683
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0





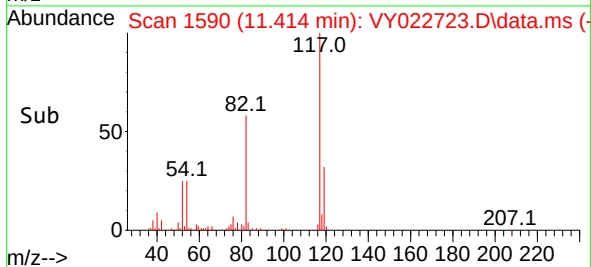
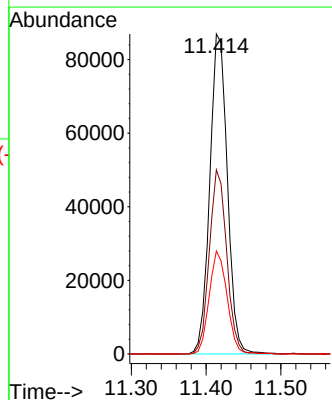
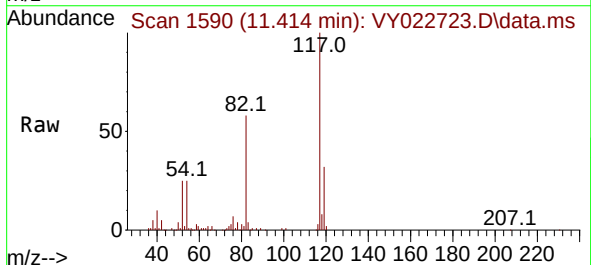
#62
4-Bromofluorobenzene
Concen: 40.503 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022723.D
Acq: 17 Jun 2025 14:48

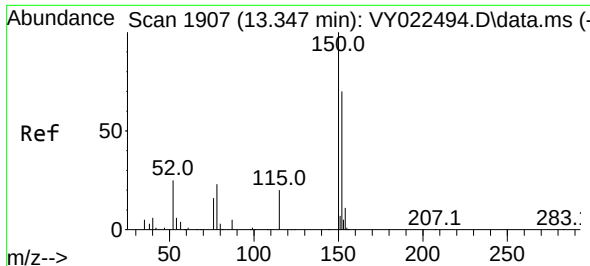
Tgt Ion:	95	Resp:	51035
Ion Ratio	Lower	Upper	
95	100		
174	87.7	0.0	170.0
176	84.0	0.0	166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022723.D
Acq: 17 Jun 2025 14:48

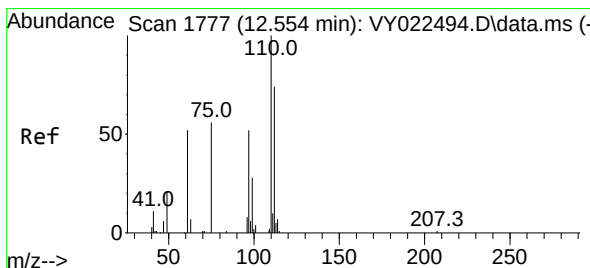
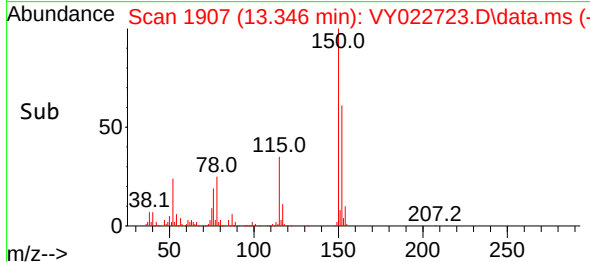
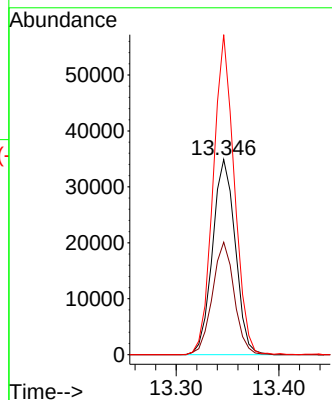
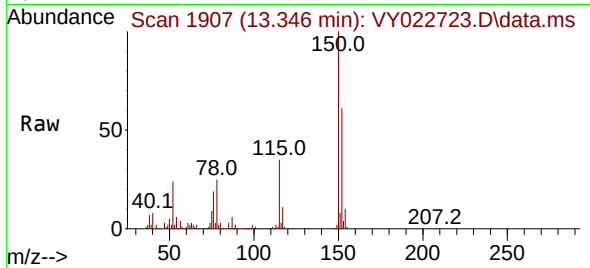
Tgt Ion:	117	Resp:	142656
Ion Ratio	Lower	Upper	
117	100		
82	57.5	44.6	66.8
119	32.1	25.4	38.0





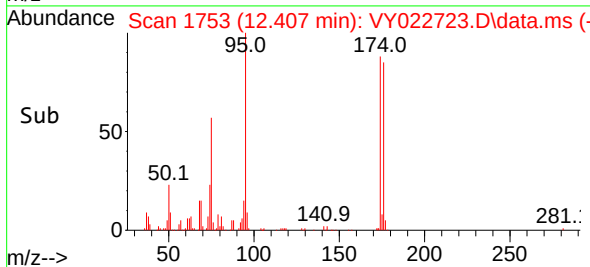
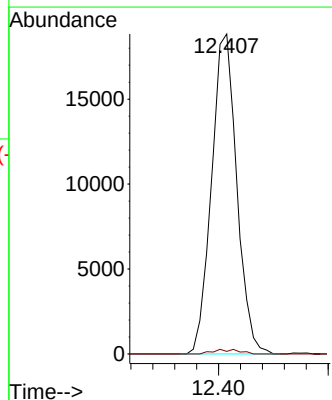
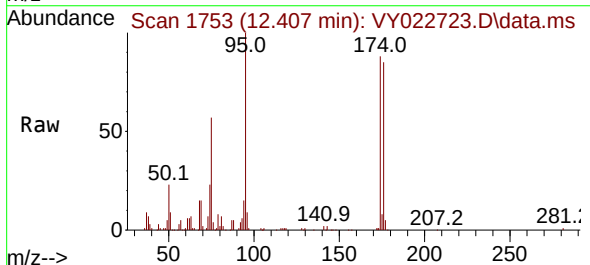
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022723.D
 Acq: 17 Jun 2025 14:48

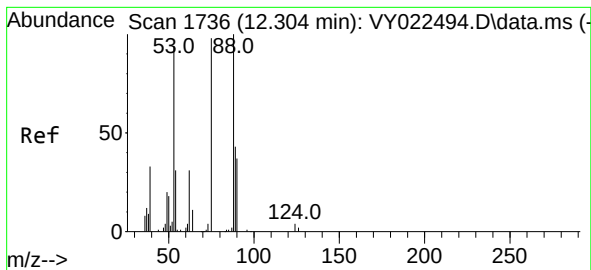
Tgt Ion:152 Resp: 53585
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.9 86.7
 150 152.5 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 49.099 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.147 min
 Lab File: VY022723.D
 Acq: 17 Jun 2025 14:48

Tgt Ion: 75 Resp: 30099
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.570 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. 0.103 min
 Lab File: VY022723.D
 Acq: 17 Jun 2025 14:48

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.4	78.5	117.7#
89	0.0	35.7	53.5#

