

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
 Data File : VY022869.D
 Acq On : 27 Jun 2025 18:03
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jun 27 23:21:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

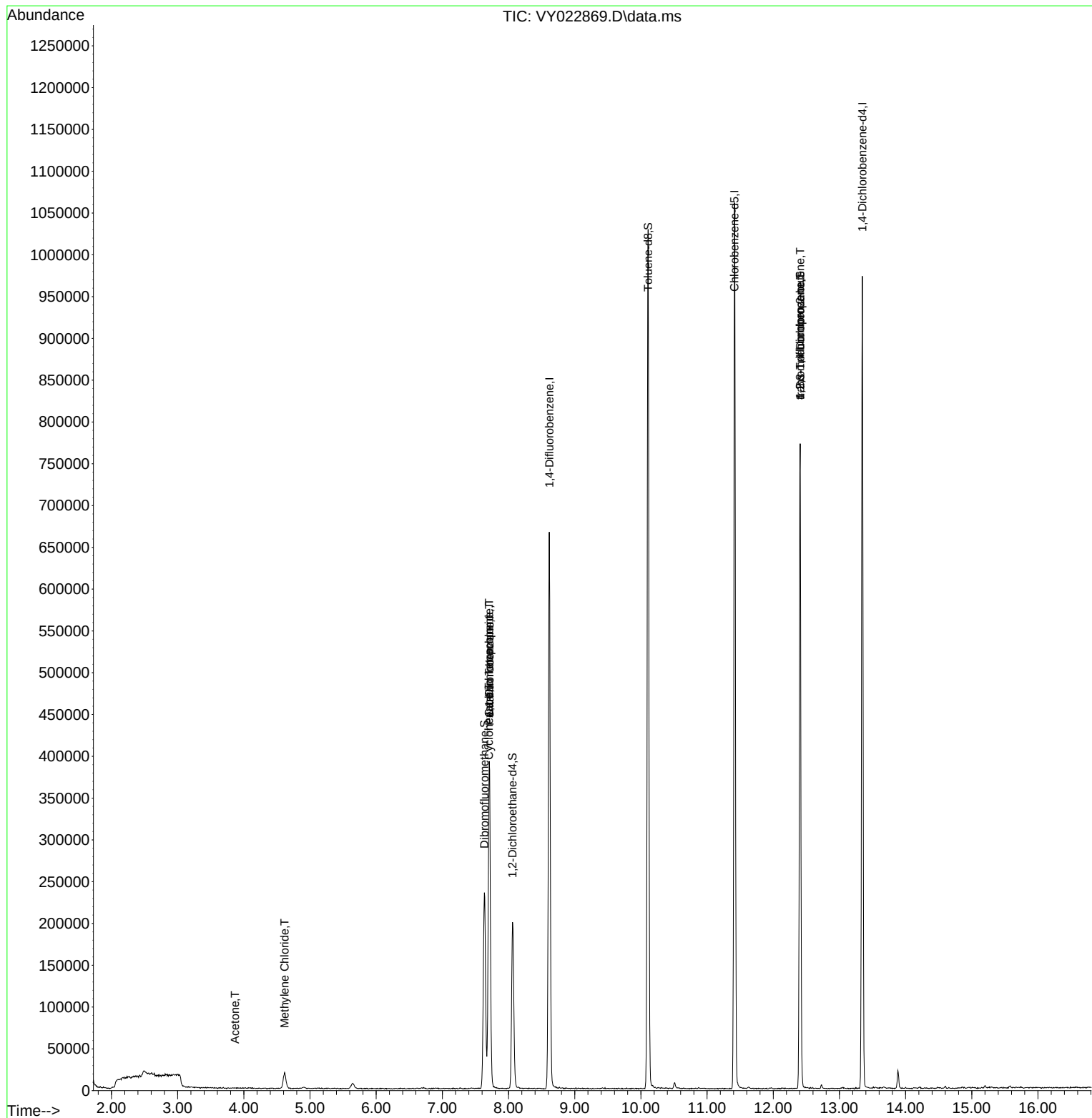
Internal Standards						
1) Pentafluorobenzene	7.713	168	299483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	552937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	532431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	231700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	160287	47.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.900%
35) Dibromofluoromethane	7.634	113	165853	49.321	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.640%
50) Toluene-d8	10.109	98	666699	49.964	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.408	95	229135	53.417	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.840%
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	840	1.330	ug/l #	88
20) Methylene Chloride	4.616	84	13004	3.259	ug/l	99
31) Cyclohexane	7.701	56	7297	1.271	ug/l #	20
36) 1,1-Dichloropropene	7.707	75	25490	5.001	ug/l #	51
38) Carbon Tetrachloride	7.707	117	29704	5.523	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	129195	54.617	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	129195	137.985	ug/l #	11

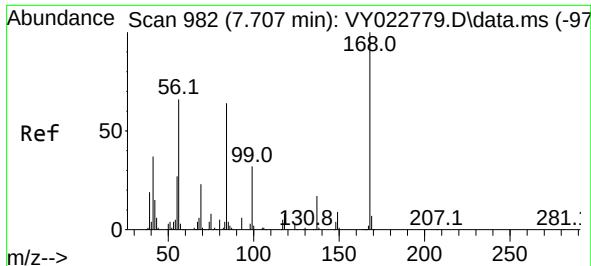
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
Data File : VY022869.D
Acq On : 27 Jun 2025 18:03
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Jun 27 23:21:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

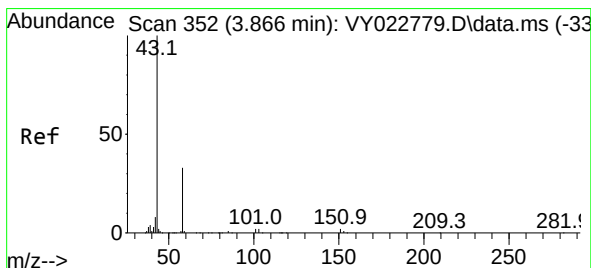
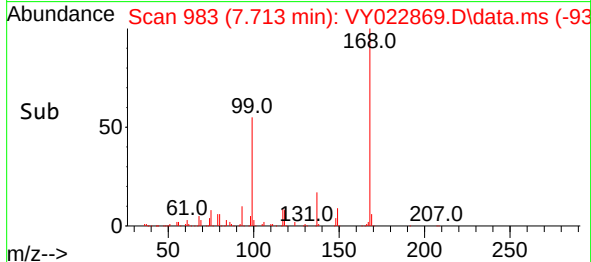
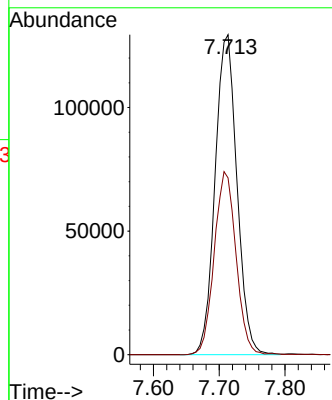
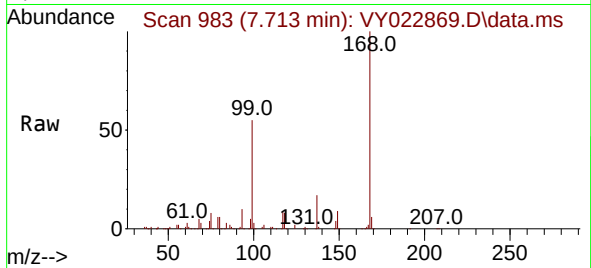




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022869.D
Acq: 27 Jun 2025 18:03

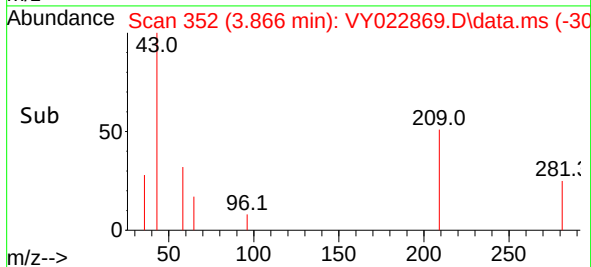
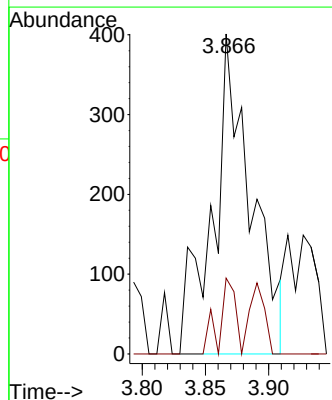
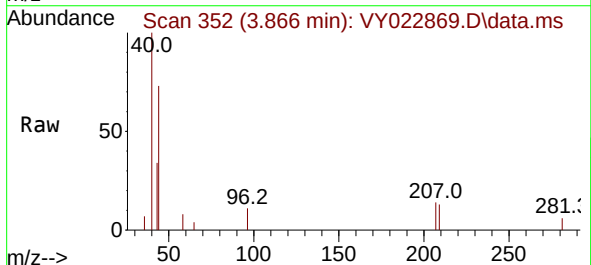
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

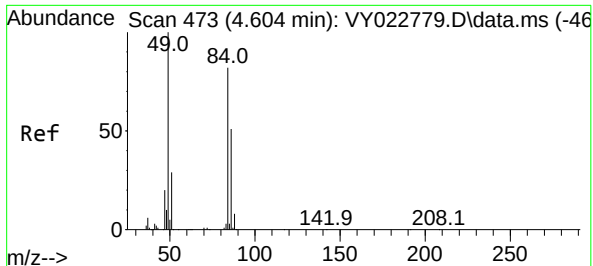
Tgt Ion:168 Resp: 299483
Ion Ratio Lower Upper
168 100
99 55.3 44.3 66.5



#16
Acetone
Concen: 1.330 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022869.D
Acq: 27 Jun 2025 18:03

Tgt Ion: 43 Resp: 840
Ion Ratio Lower Upper
43 100
58 23.7 24.0 36.0#



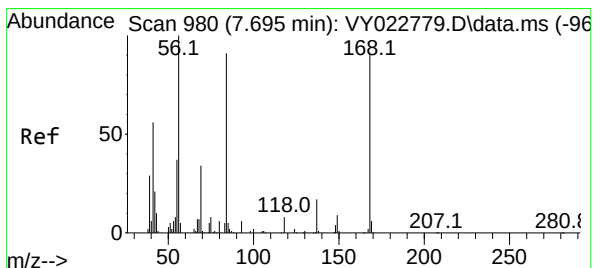
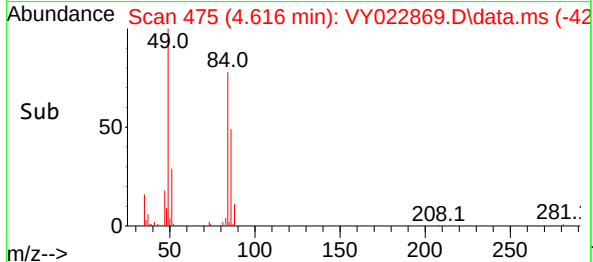
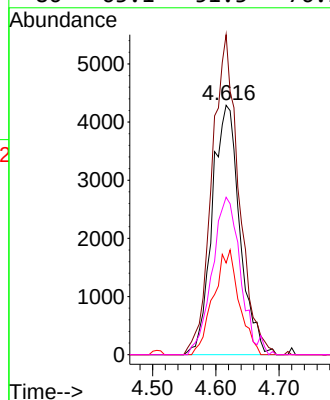
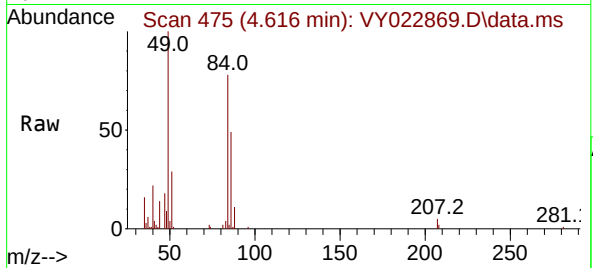


#20
Methylene Chloride
Concen: 3.259 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY022869.D
Acq: 27 Jun 2025 18:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 13004

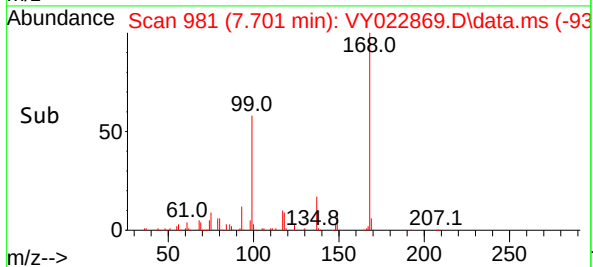
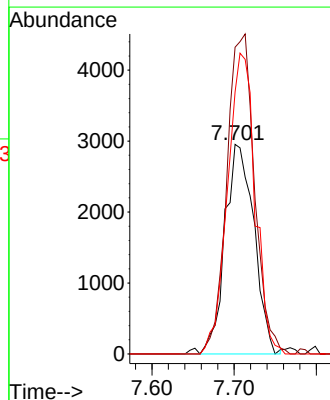
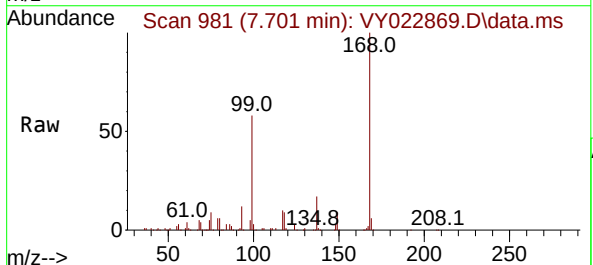
Ion	Ratio	Lower	Upper
84	100		
49	128.3	101.9	152.9
51	36.7	29.8	44.8
86	63.1	51.3	76.9

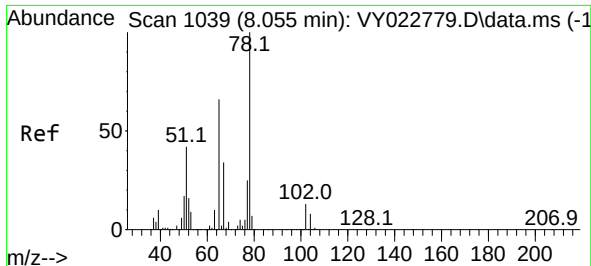


#31
Cyclohexane
Concen: 1.271 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022869.D
Acq: 27 Jun 2025 18:03

Tgt Ion: 56 Resp: 7297

Ion	Ratio	Lower	Upper
56	100		
69	146.3	27.0	40.6#
84	125.0	72.6	109.0#

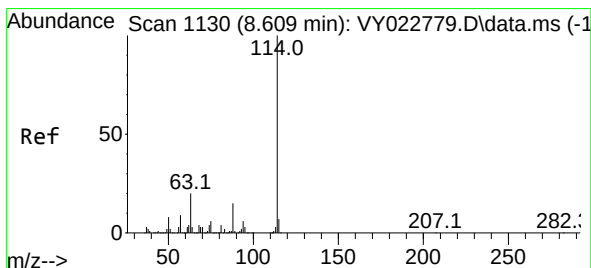
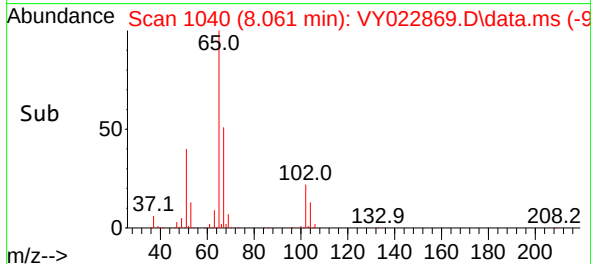
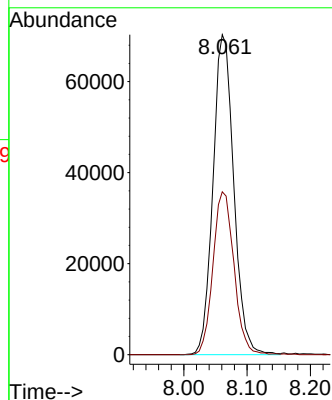
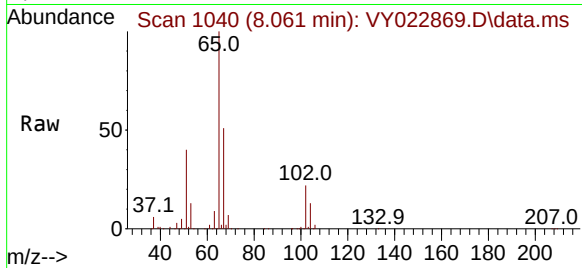




#33
 1,2-Dichloroethane-d4
 Concen: 47.954 ug/l
 RT: 8.061 min Scan# 1039
 Delta R.T. -0.006 min
 Lab File: VY022869.D
 Acq: 27 Jun 2025 18:03

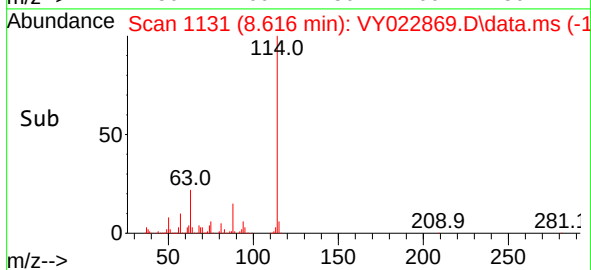
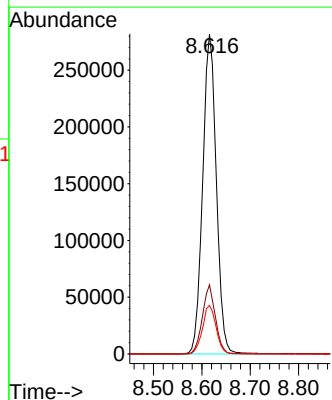
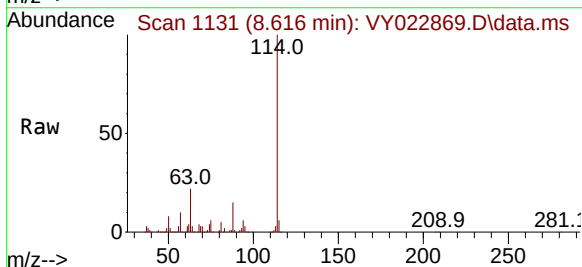
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

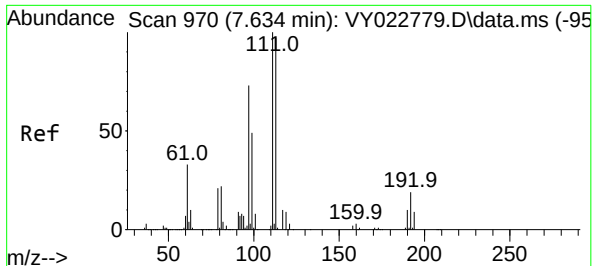
Tgt Ion: 65 Resp: 160287
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY022869.D
 Acq: 27 Jun 2025 18:03

Tgt Ion: 114 Resp: 552937
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 40.8
 88 15.2 0.0 27.8

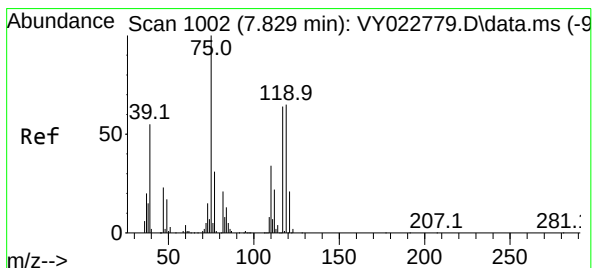
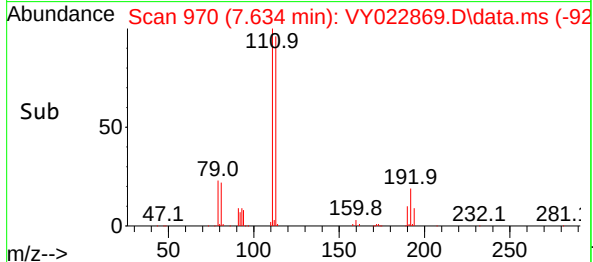
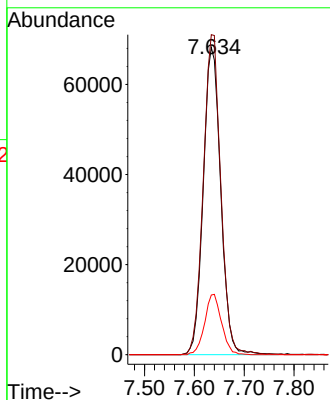
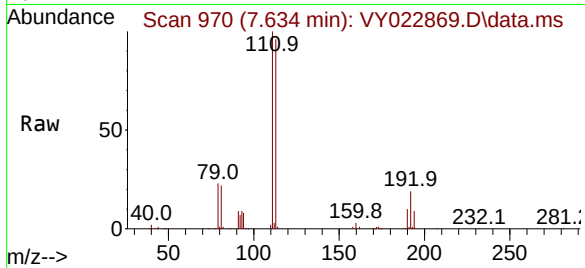




#35
Dibromofluoromethane
Concen: 49.321 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022869.D
Acq: 27 Jun 2025 18:03

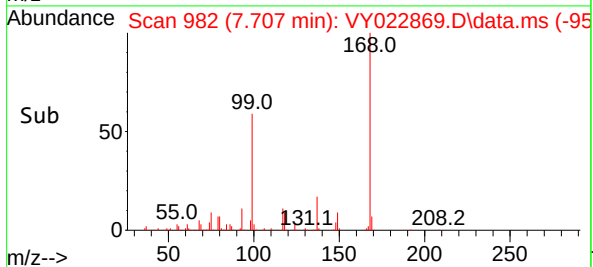
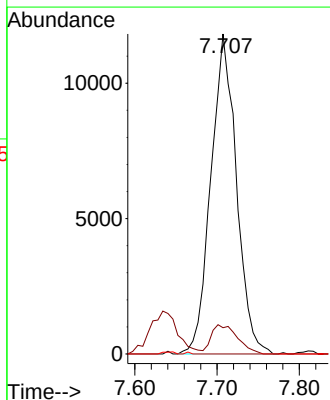
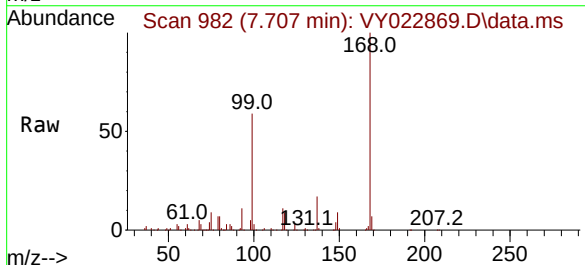
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

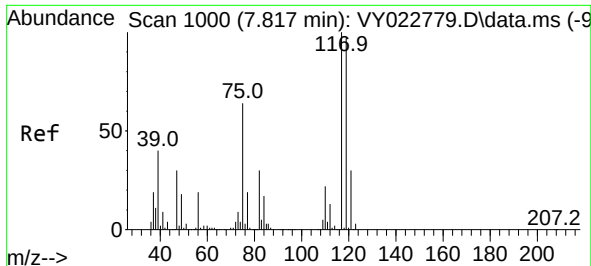
Tgt Ion:113 Resp: 165853
Ion Ratio Lower Upper
113 100
111 104.3 81.1 121.7
192 19.0 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.001 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY022869.D
Acq: 27 Jun 2025 18:03

Tgt Ion: 75 Resp: 25490
Ion Ratio Lower Upper
75 100
110 9.3 16.9 50.7#
77 0.0 24.8 37.2#

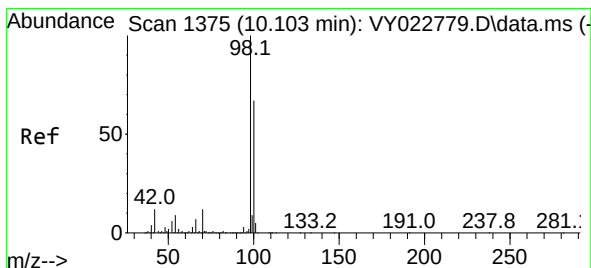
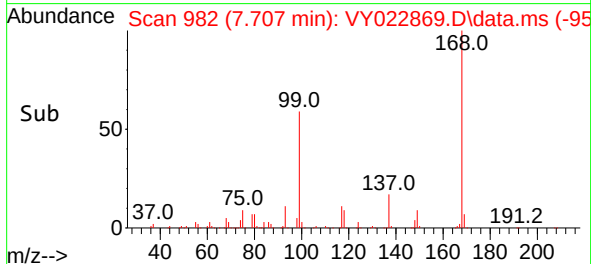
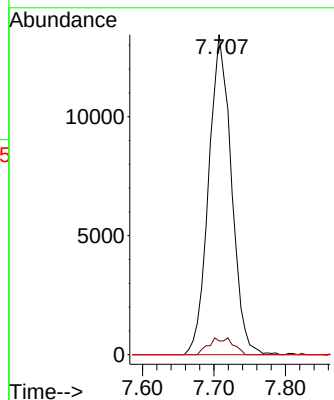
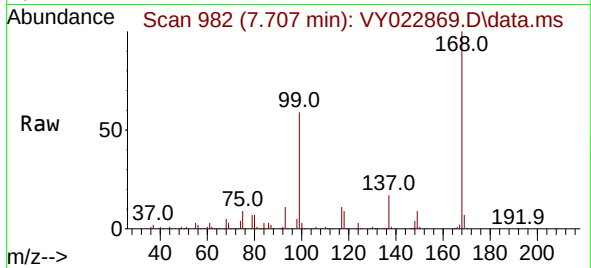




#38
Carbon Tetrachloride
Concen: 5.523 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY022869.D
Acq: 27 Jun 2025 18:03

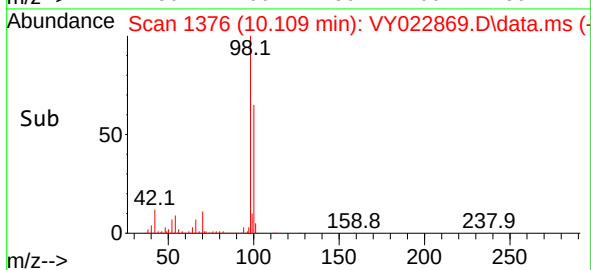
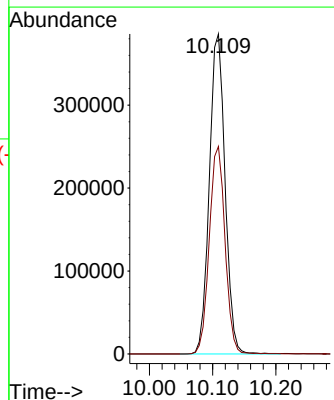
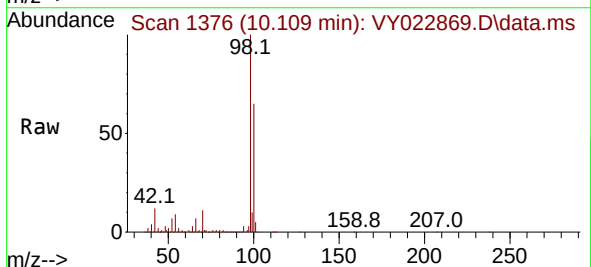
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

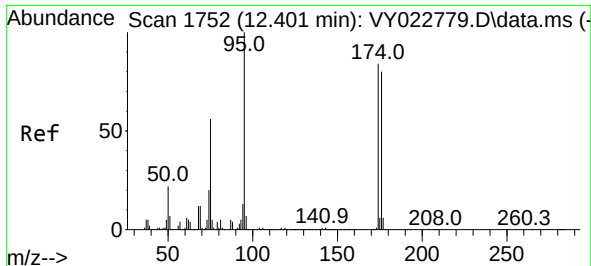
Tgt Ion:117 Resp: 29704
Ion Ratio Lower Upper
117 100
119 4.3 75.0 112.6#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 49.964 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022869.D
Acq: 27 Jun 2025 18:03

Tgt Ion: 98 Resp: 666699
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0

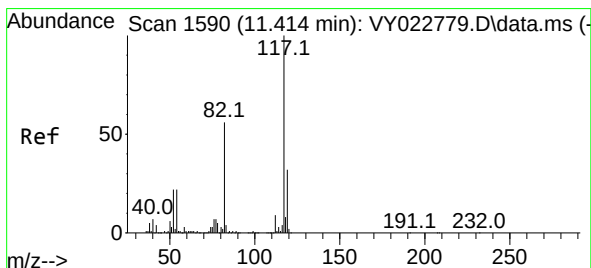
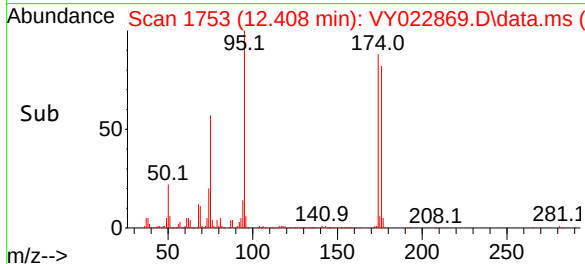
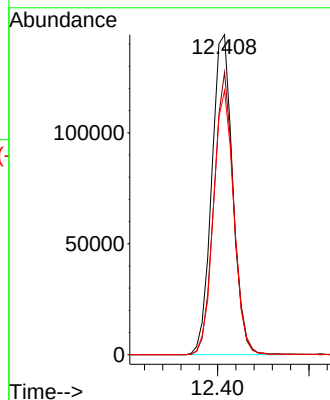
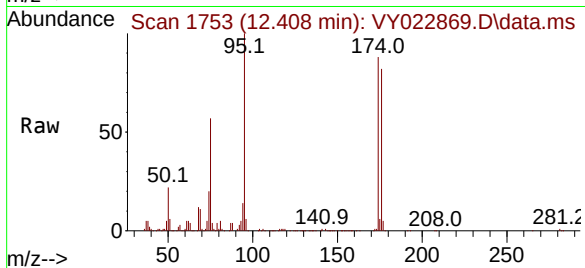




#62
4-Bromofluorobenzene
Concen: 53.417 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022869.D
Acq: 27 Jun 2025 18:03

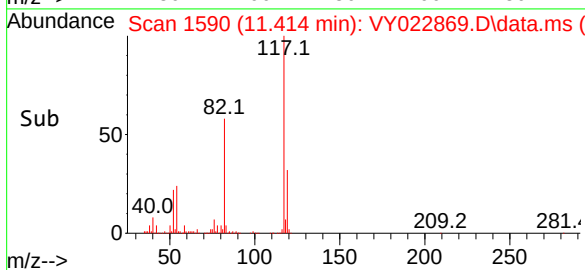
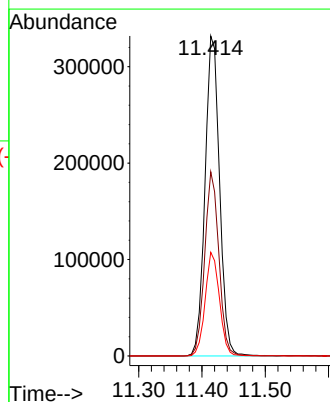
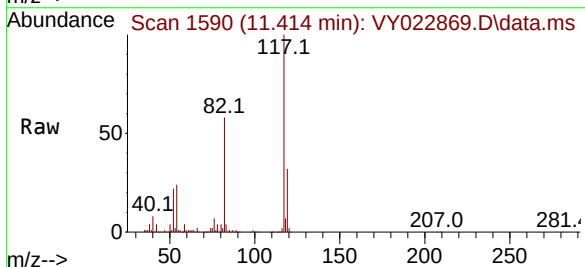
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

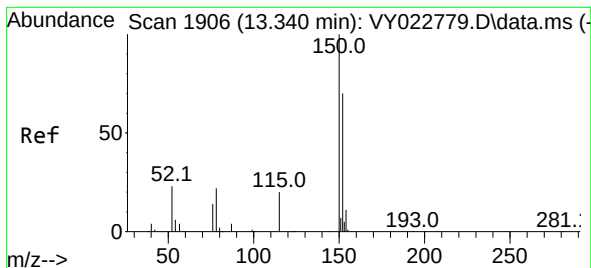
Tgt Ion: 95 Resp: 229135
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.0
176 80.8 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022869.D
Acq: 27 Jun 2025 18:03

Tgt Ion: 117 Resp: 532431
Ion Ratio Lower Upper
117 100
82 57.5 44.6 66.8
119 32.4 25.4 38.0

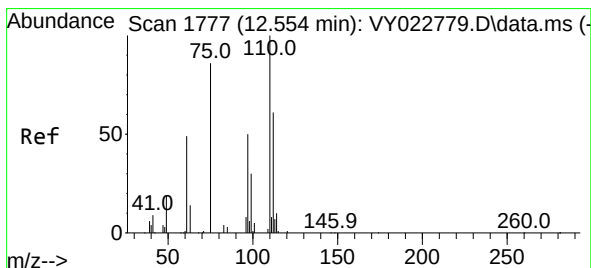
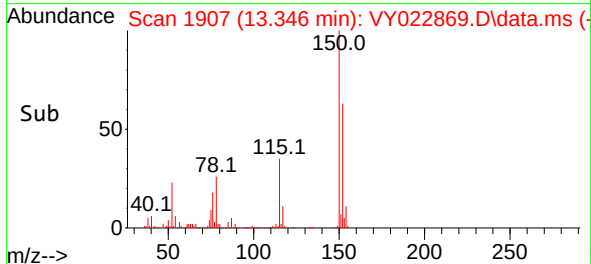
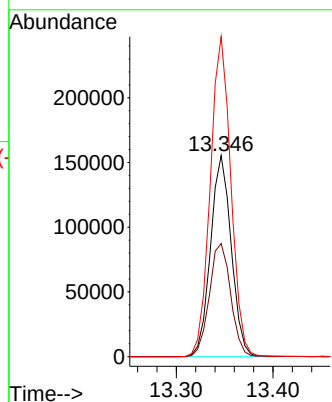
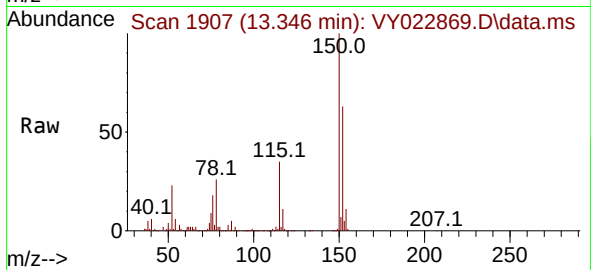




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1906
 Delta R.T. -0.000 min
 Lab File: VY022869.D
 Acq: 27 Jun 2025 18:03

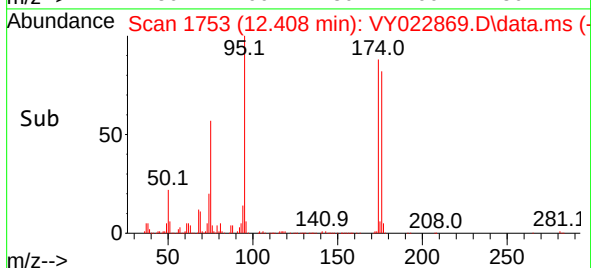
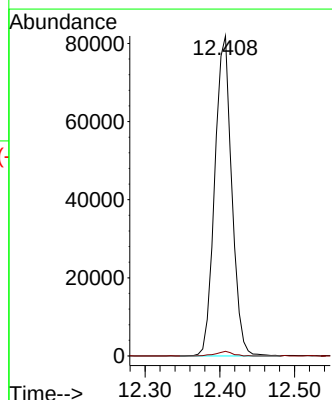
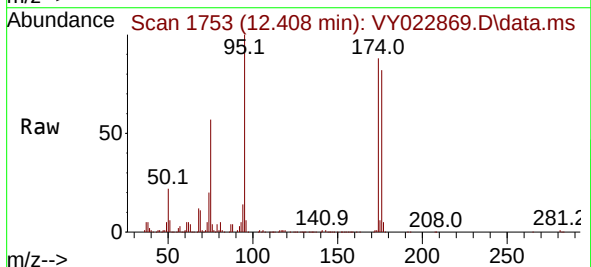
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

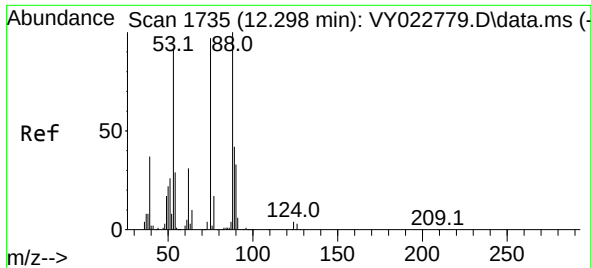
Tgt Ion:152 Resp: 231700
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.9 86.7
 150 158.2 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 54.617 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY022869.D
 Acq: 27 Jun 2025 18:03

Tgt Ion: 75 Resp: 129195
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.985 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY022869.D
 Acq: 27 Jun 2025 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 129195
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.5 117.7#
 89 0.0 35.7 53.5#

