

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072225\
 Data File : VY023043.D
 Acq On : 22 Jul 2025 14:01
 Operator : SY/MD
 Sample : Q2651-01
 Misc : 5.22g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH 2-1

Quant Time: Jul 23 02:04:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:50:49 2025
 Response via : Initial Calibration

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

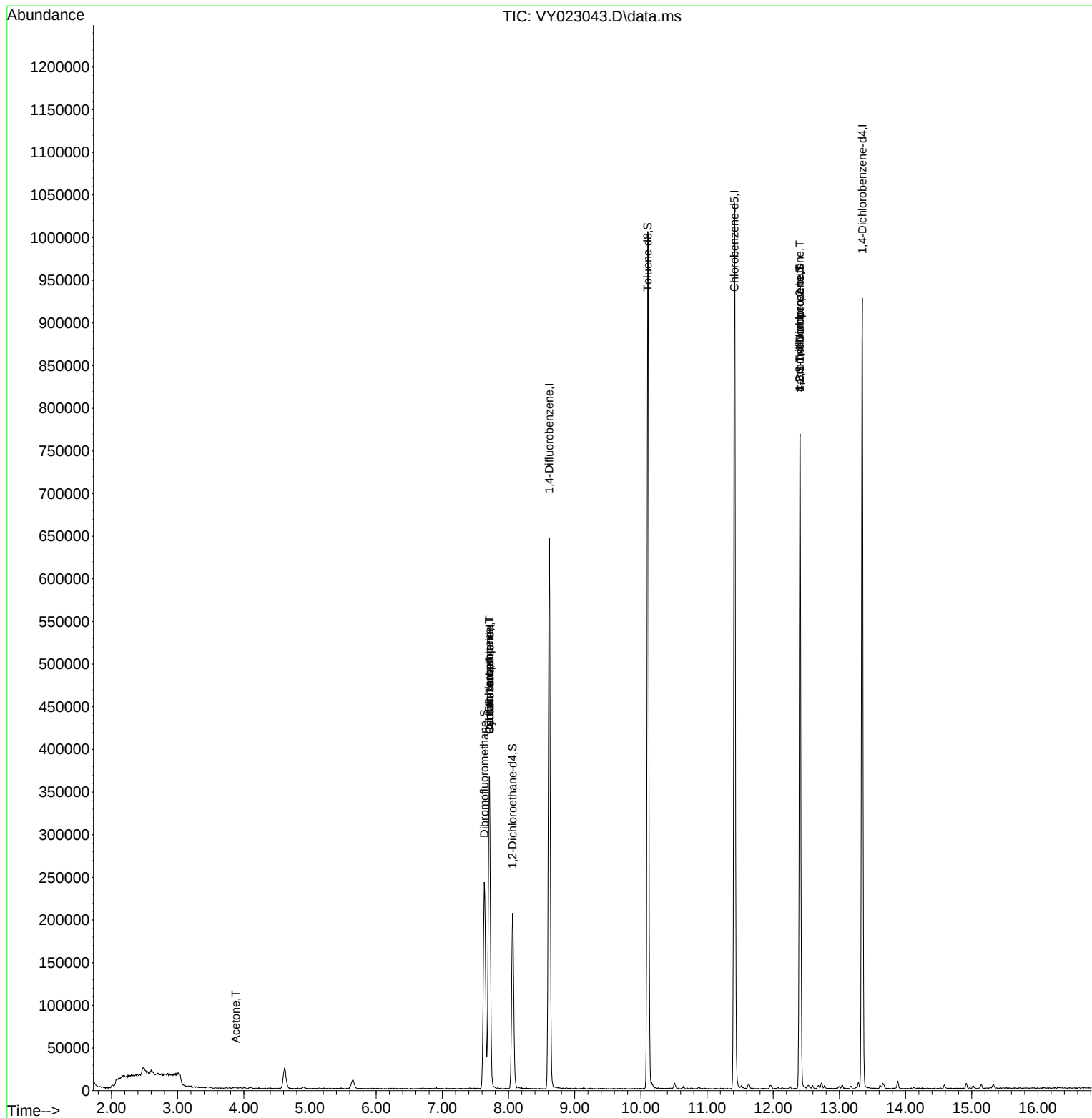
Internal Standards						
1) Pentafluorobenzene	7.713	168	283867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	534269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	538212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	226724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	163005	56.724	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.440%	
35) Dibromofluoromethane	7.634	113	173941	51.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.640%	
50) Toluene-d8	10.103	98	663191	49.346	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.700%	
62) 4-Bromofluorobenzene	12.402	95	231301	54.673	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.340%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	2303	4.421	ug/l #	70
20) Methylene Chloride	4.616	84	17390	Below Cal	#	94
31) Cyclohexane	7.713	56	6851	1.197	ug/l #	17
36) 1,1-Dichloropropene	7.707	75	24625	4.613	ug/l #	50
38) Carbon Tetrachloride	7.713	117	28867	4.977	ug/l #	17
76) 1,2,3-Trichloropropane	12.402	75	126693	44.845	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	126693	133.568	ug/l #	12

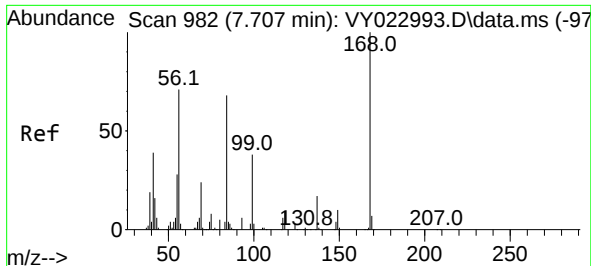
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072225\
Data File : VY023043.D
Acq On : 22 Jul 2025 14:01
Operator : SY/MD
Sample : Q2651-01
Misc : 5.22g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH 2-1

Quant Time: Jul 23 02:04:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:50:49 2025
Response via : Initial Calibration

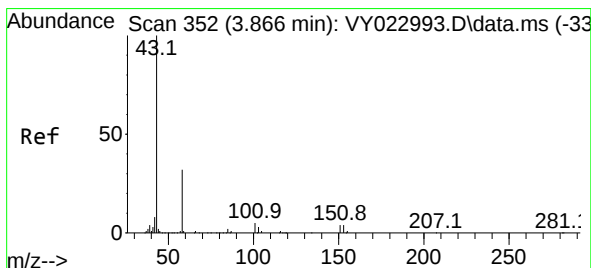
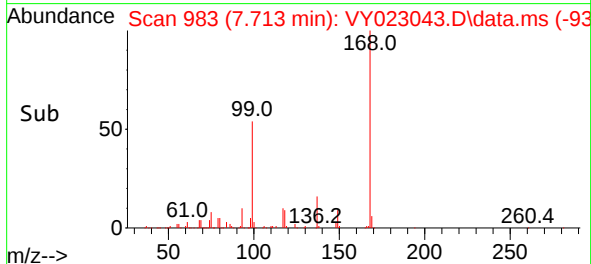
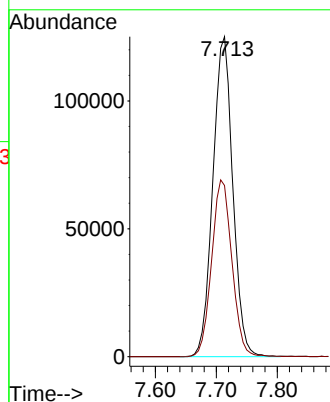
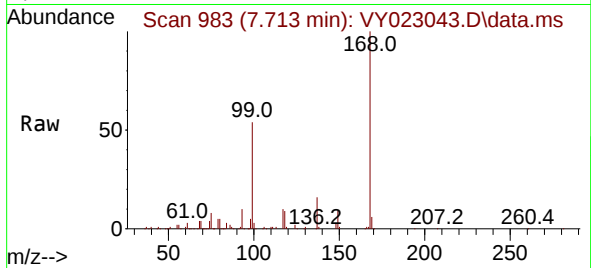




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023043.D
Acq: 22 Jul 2025 14:01

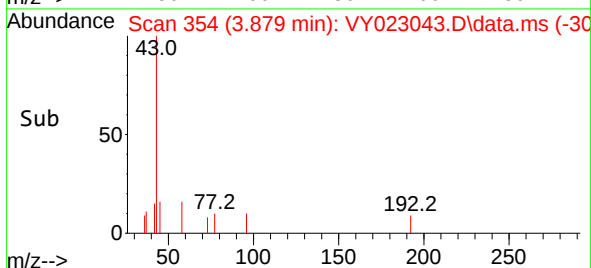
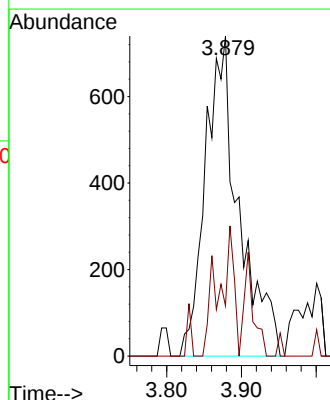
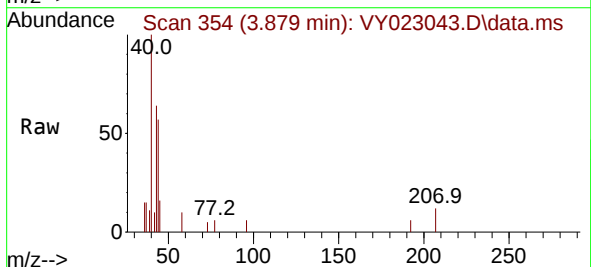
Instrument :
MSVOA_Y
ClientSampleId :
MH 2-1

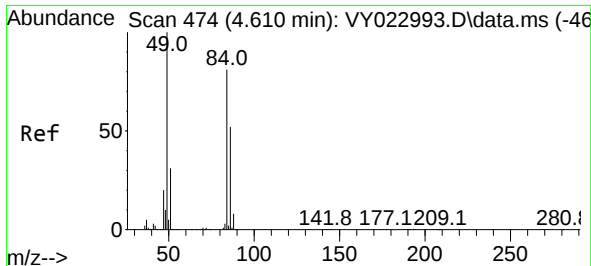
Tgt Ion:168 Resp: 283867
Ion Ratio Lower Upper
168 100
99 53.5 44.4 66.6



#16
Acetone
Concen: 4.421 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY023043.D
Acq: 22 Jul 2025 14:01

Tgt Ion: 43 Resp: 2303
Ion Ratio Lower Upper
43 100
58 15.7 26.2 39.4#

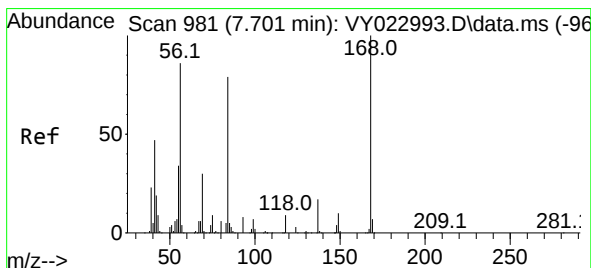
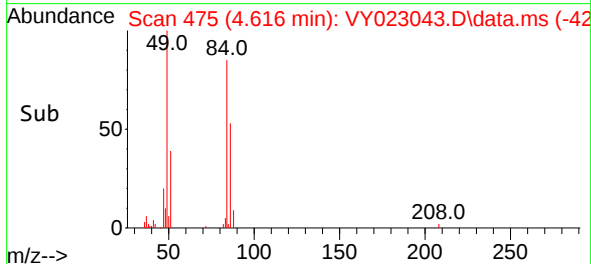
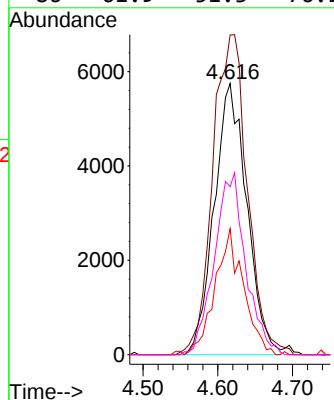
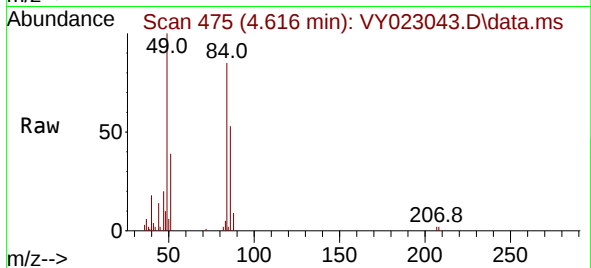




#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY023043.D
Acq: 22 Jul 2025 14:01

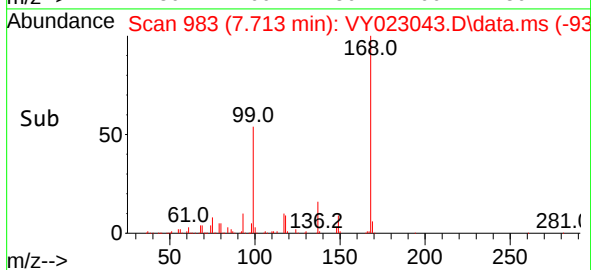
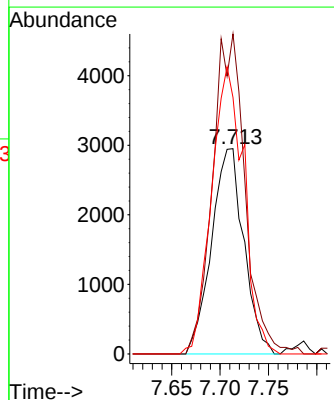
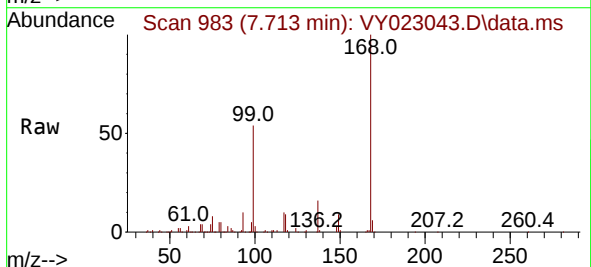
Instrument :
MSVOA_Y
ClientSampleId :
MH 2-1

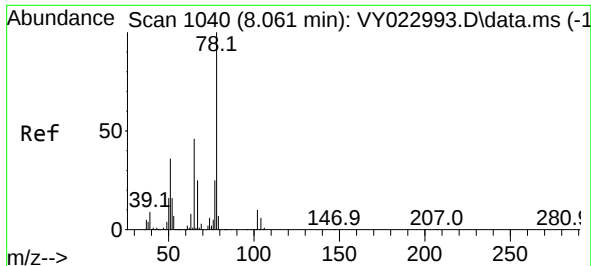
Tgt Ion:	84	Resp:	17390
Ion	Ratio	Lower	Upper
84	100		
49	117.0	98.2	147.4
51	46.5	30.5	45.7#
86	61.9	51.3	76.9



#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY023043.D
Acq: 22 Jul 2025 14:01

Tgt Ion:	56	Resp:	6851
Ion	Ratio	Lower	Upper
56	100		
69	155.9	28.1	42.1#
84	125.0	73.5	110.3#





#33

1,2-Dichloroethane-d4

Concen: 56.724 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY023043.D

Acq: 22 Jul 2025 14:01

Instrument :

MSVOA_Y

ClientSampleId :

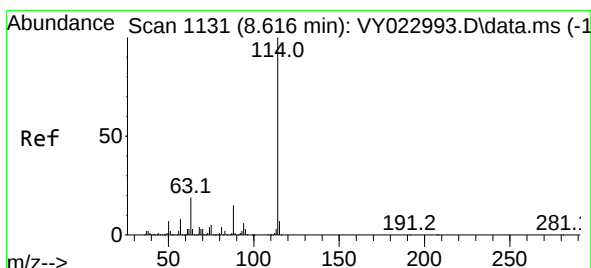
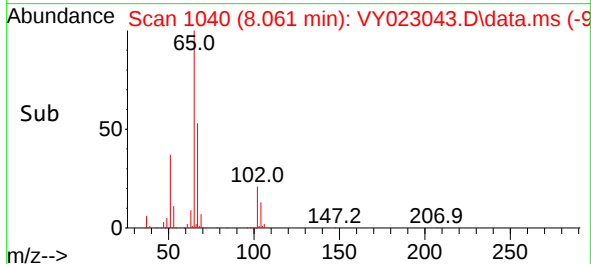
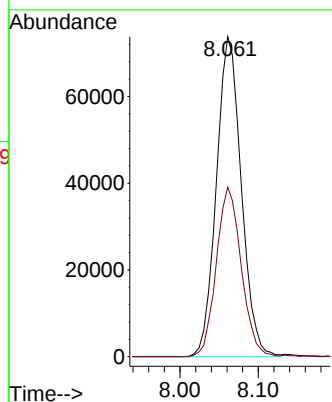
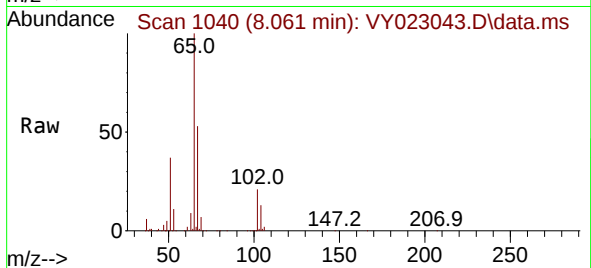
MH 2-1

Tgt Ion: 65 Resp: 163005

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023043.D

Acq: 22 Jul 2025 14:01

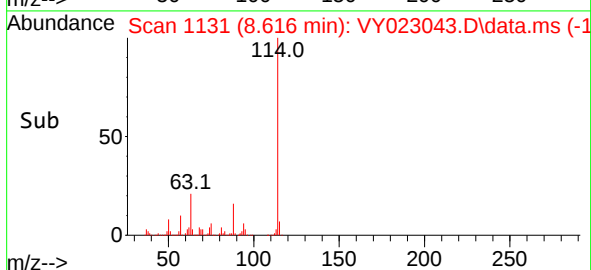
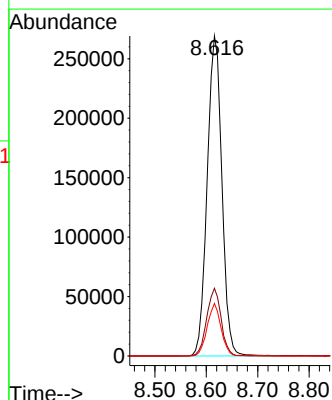
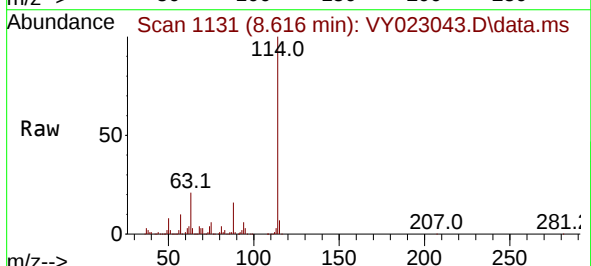
Tgt Ion: 114 Resp: 534269

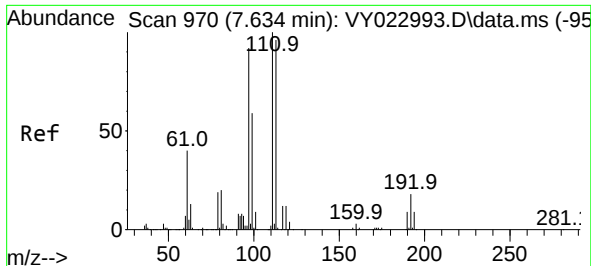
Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.8

88 16.4 0.0 30.2

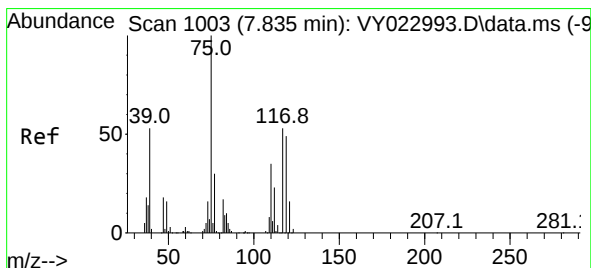
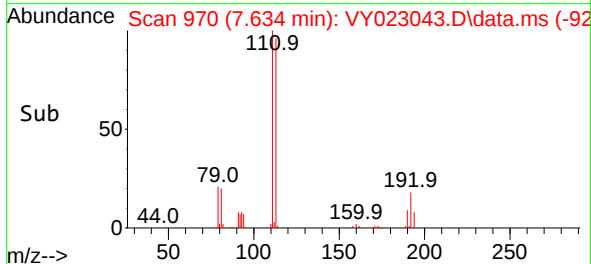
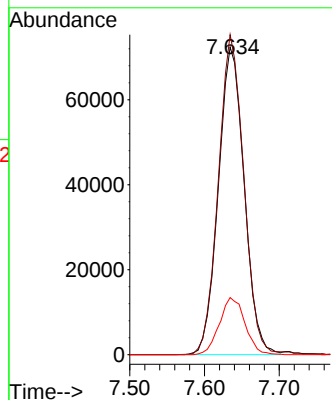
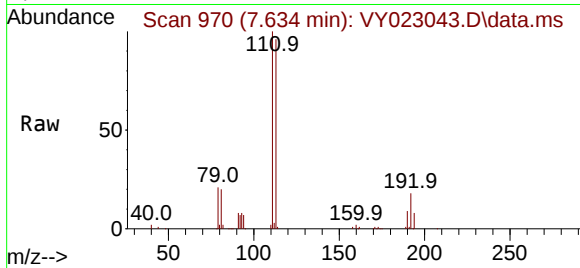




#35
Dibromofluoromethane
Concen: 51.324 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023043.D
Acq: 22 Jul 2025 14:01

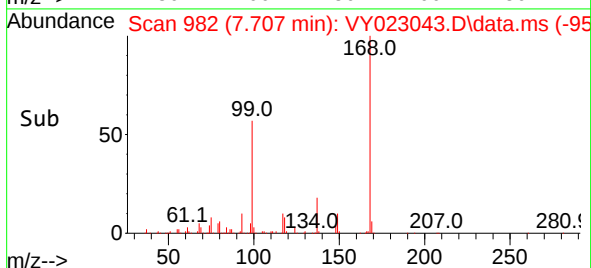
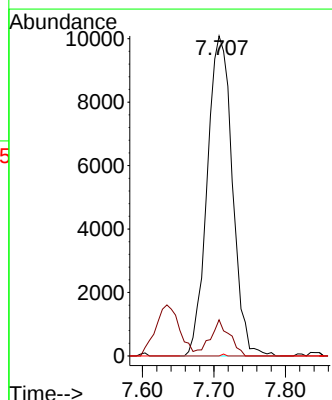
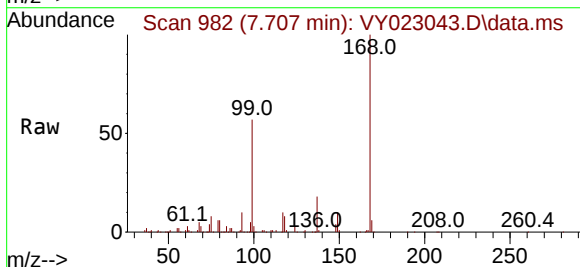
Instrument :
MSVOA_Y
ClientSampleId :
MH 2-1

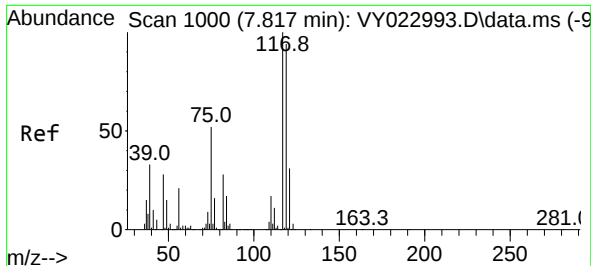
Tgt Ion:113 Resp: 173941
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 18.4 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.613 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY023043.D
Acq: 22 Jul 2025 14:01

Tgt Ion: 75 Resp: 24625
Ion Ratio Lower Upper
75 100
110 8.5 17.3 51.9#
77 0.1 24.6 37.0#

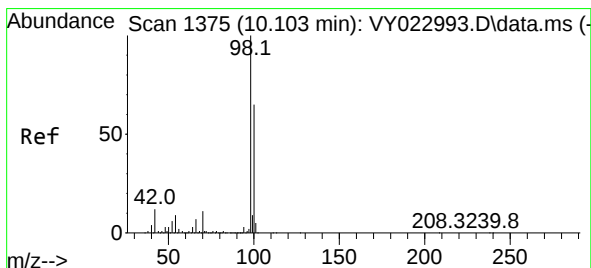
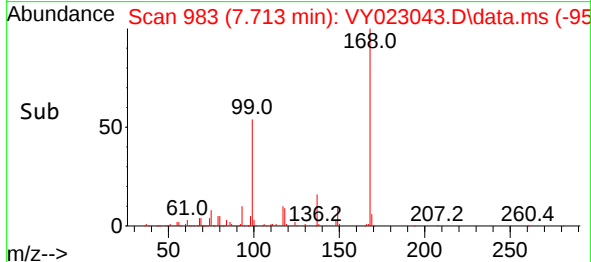
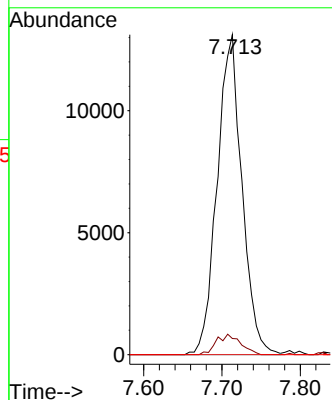
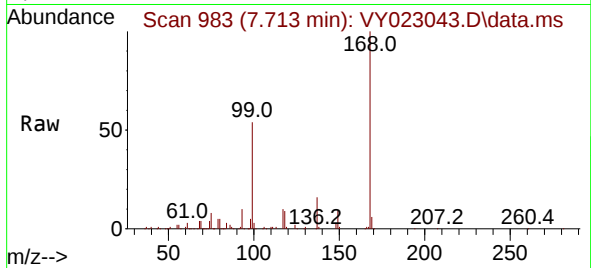




#38
Carbon Tetrachloride
Concen: 4.977 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY023043.D
Acq: 22 Jul 2025 14:01

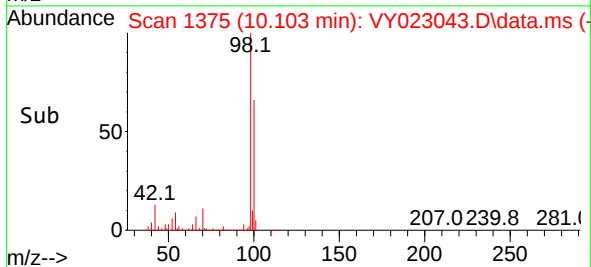
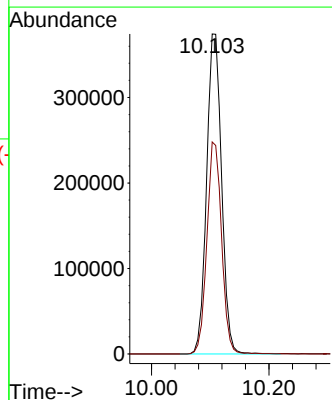
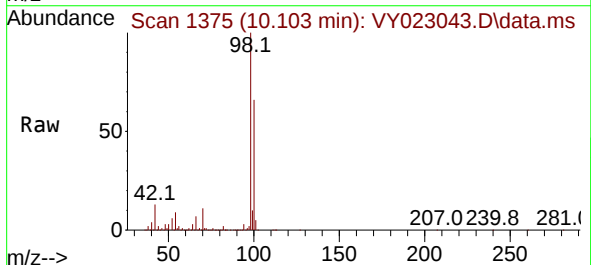
Instrument :
MSVOA_Y
ClientSampleId :
MH 2-1

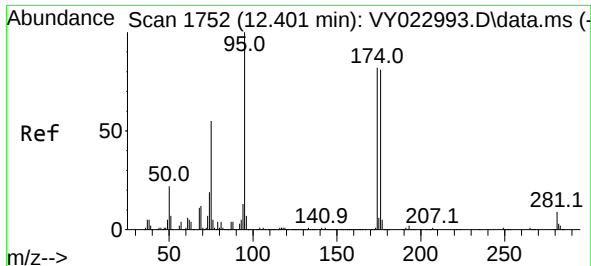
Tgt Ion:117 Resp: 28867
Ion Ratio Lower Upper
117 100
119 5.0 74.9 112.3#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 49.346 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023043.D
Acq: 22 Jul 2025 14:01

Tgt Ion: 98 Resp: 663191
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2

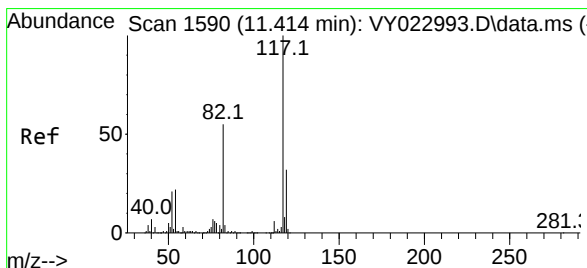
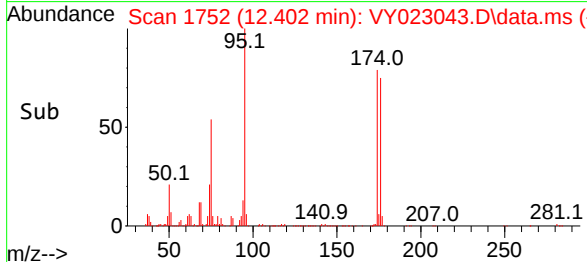
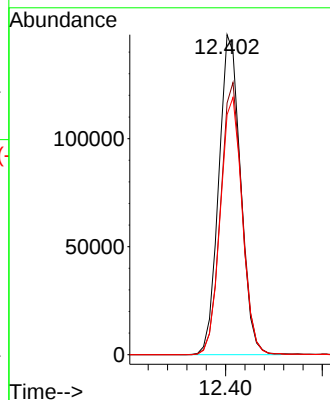
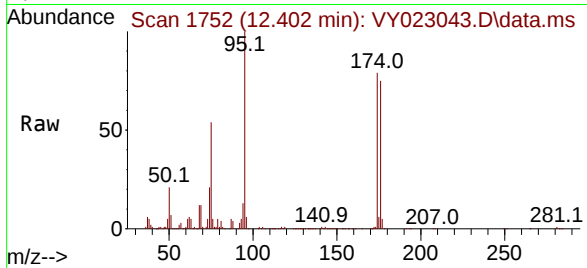




#62
4-Bromofluorobenzene
Concen: 54.673 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023043.D
Acq: 22 Jul 2025 14:01

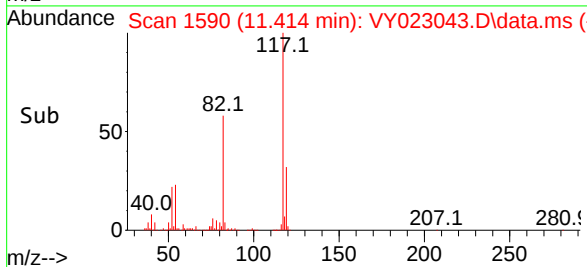
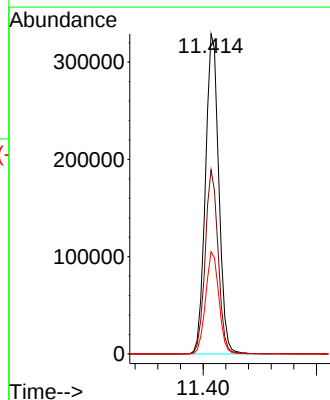
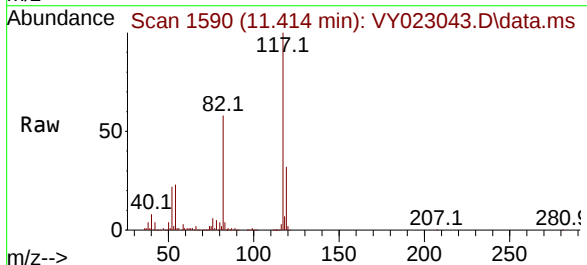
Instrument :
MSVOA_Y
ClientSampleId :
MH 2-1

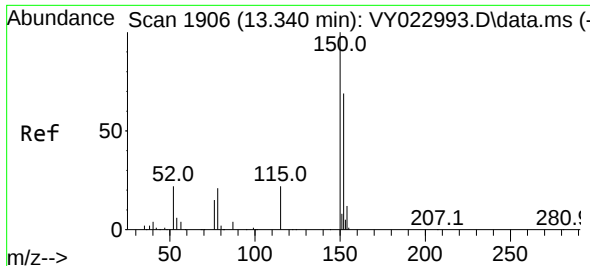
Tgt Ion: 95 Resp: 231301
Ion Ratio Lower Upper
95 100
174 84.5 0.0 170.8
176 81.1 0.0 163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY023043.D
Acq: 22 Jul 2025 14:01

Tgt Ion: 117 Resp: 538212
Ion Ratio Lower Upper
117 100
82 57.6 44.3 66.5
119 32.0 25.8 38.8

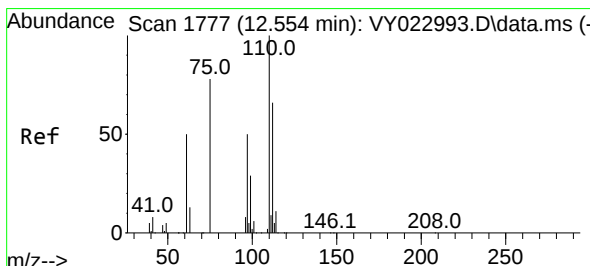
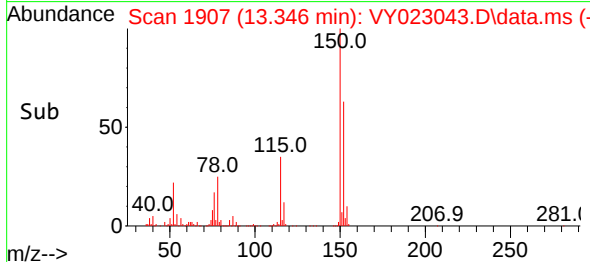
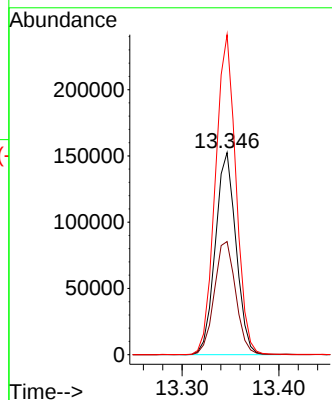
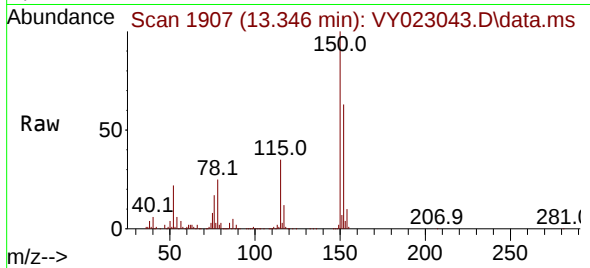




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1906
 Delta R.T. 0.006 min
 Lab File: VY023043.D
 Acq: 22 Jul 2025 14:01

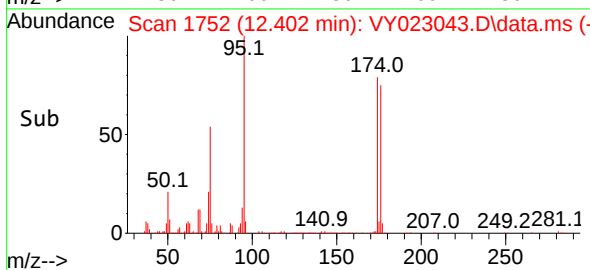
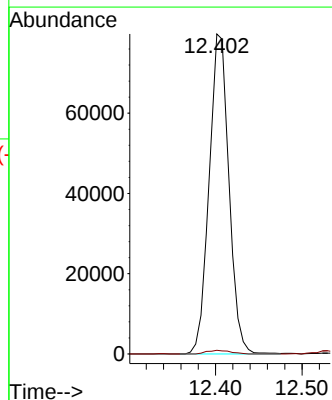
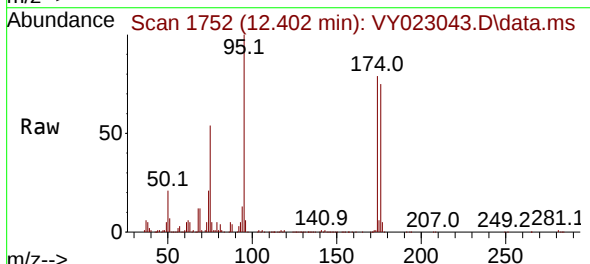
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH 2-1

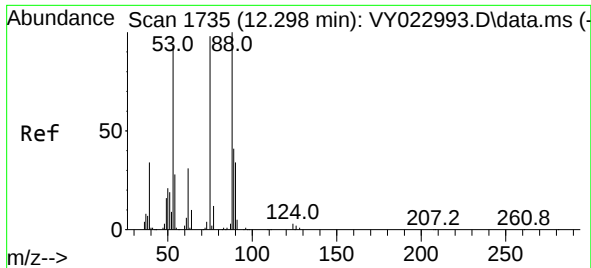
Tgt Ion:152 Resp: 226724
 Ion Ratio Lower Upper
 152 100
 115 58.0 29.4 88.2
 150 157.1 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 44.845 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. -0.152 min
 Lab File: VY023043.D
 Acq: 22 Jul 2025 14:01

Tgt Ion: 75 Resp: 126693
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.568 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY023043.D
 Acq: 22 Jul 2025 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH 2-1

Tgt Ion: 75 Resp: 126693
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.1 114.1#
 89 0.0 36.1 54.1#

