

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020838.D
 Acq On : 15 Jan 2025 17:37
 Operator : SY/MD
 Sample : 01094-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 16 01:01:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

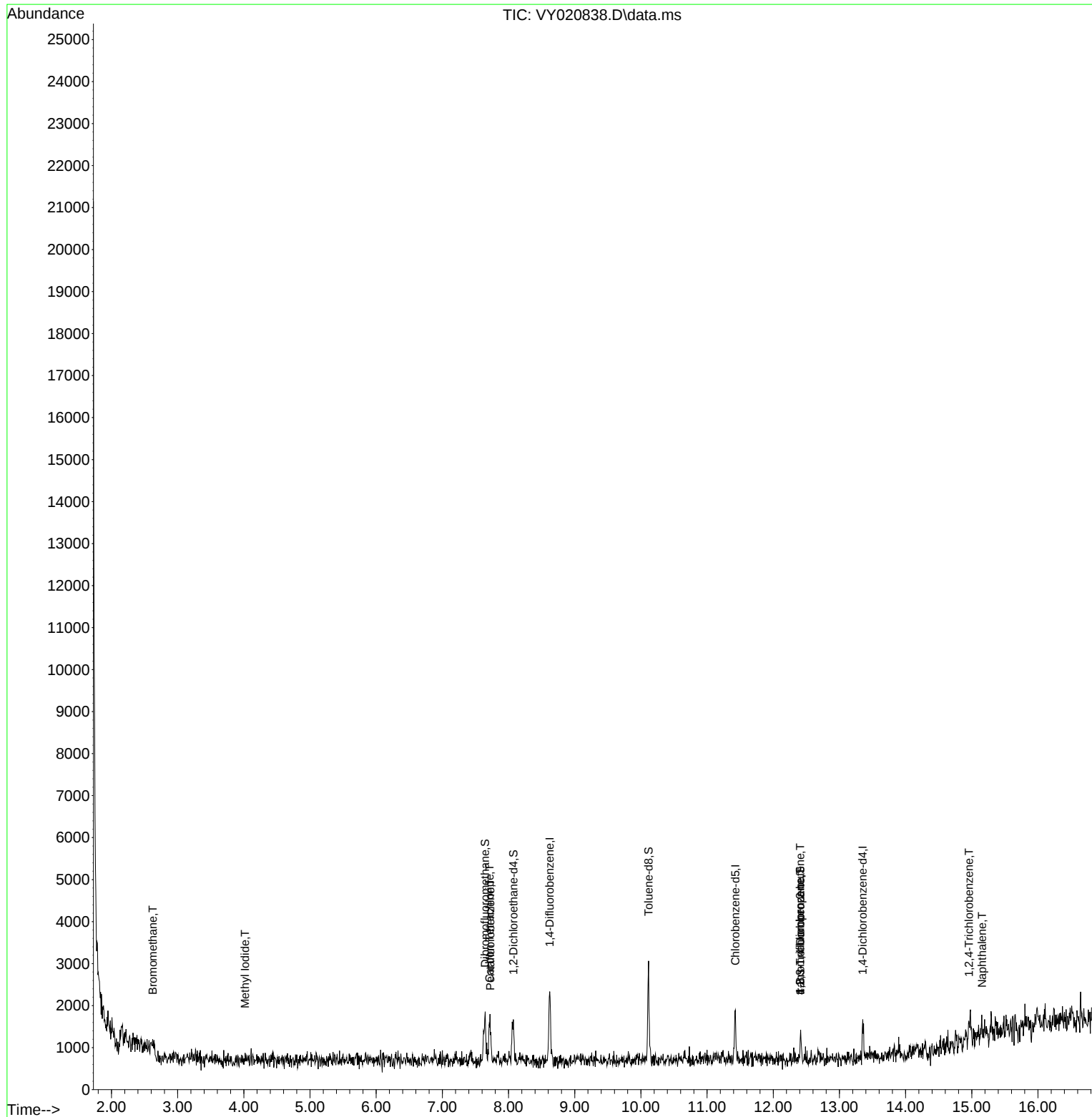
Internal Standards						
1) Pentafluorobenzene	7.726	168	1411	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.622	114	2214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	857	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	362	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	846	70.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.080%	
35) Dibromofluoromethane	7.646	113	919	66.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.520%	
50) Toluene-d8	10.115	98	1652	34.166	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 68.340%	
62) 4-Bromofluorobenzene	12.408	95	312	17.473	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 34.940%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.623	94	40	9.266	ug/l #	4
10) Methyl Iodide	4.019	142	247	18.347	ug/l #	35
38) Carbon Tetrachloride	7.713	117	34	1.381	ug/l #	12
76) 1,2,3-Trichloropropane	12.408	75	105	33.150	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	105	69.898	ug/l #	14
93) 1,2,4-Trichlorobenzene	14.956	180	22	3.398	ug/l #	12
95) Naphthalene	15.157	128	123	11.544	ug/l #	69

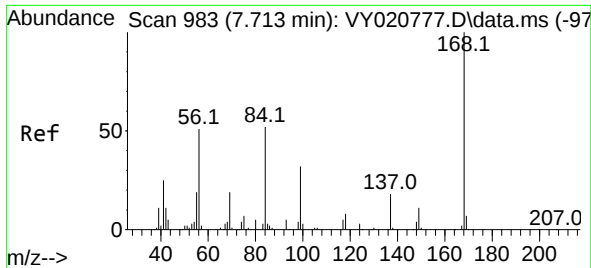
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
Data File : VY020838.D
Acq On : 15 Jan 2025 17:37
Operator : SY/MD
Sample : 01094-01RE
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 16 01:01:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

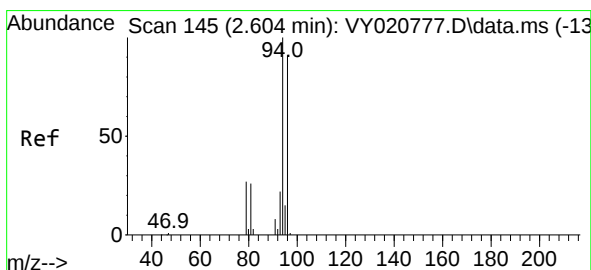
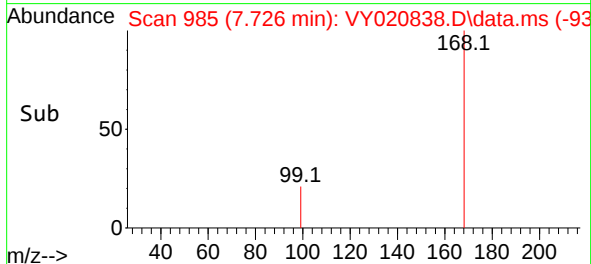
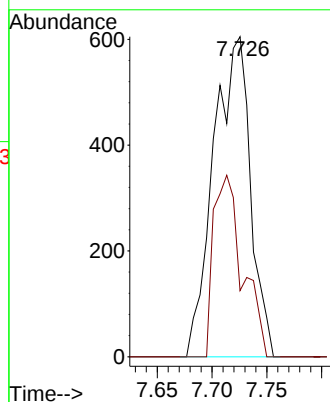
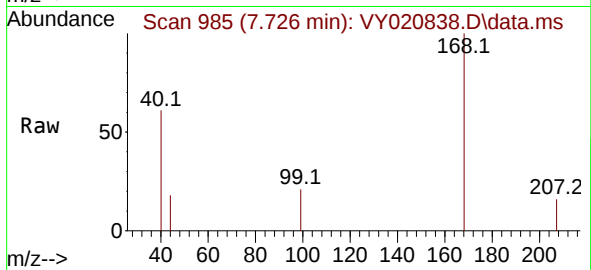




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY020838.D
Acq: 15 Jan 2025 17:37

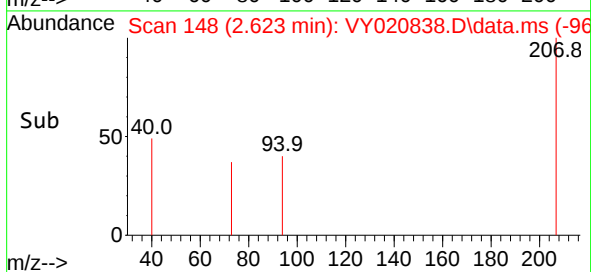
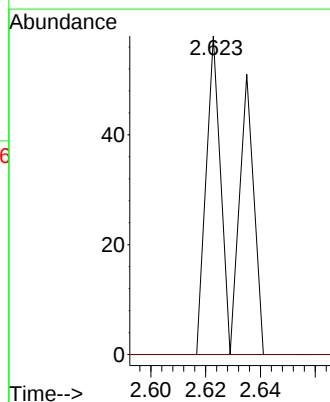
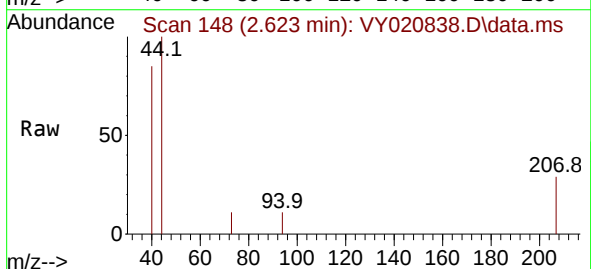
Instrument :
MSVOA_Y
ClientSampleId :

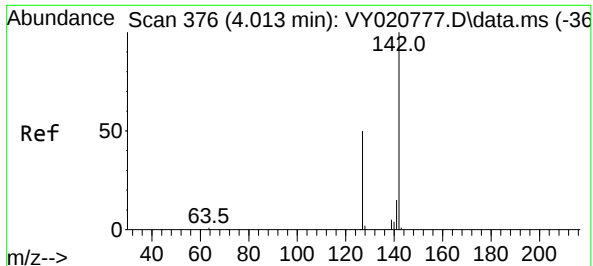
Tgt Ion:168 Resp: 1411
Ion Ratio Lower Upper
168 100
99 20.7 44.3 66.5#



#5
Bromomethane
Concen: 9.266 ug/l
RT: 2.623 min Scan# 148
Delta R.T. 0.018 min
Lab File: VY020838.D
Acq: 15 Jan 2025 17:37

Tgt Ion: 94 Resp: 40
Ion Ratio Lower Upper
94 100
96 0.0 72.6 109.0#





#10

Methyl Iodide

Concen: 18.347 ug/l

RT: 4.019 min Scan# 31

Delta R.T. 0.006 min

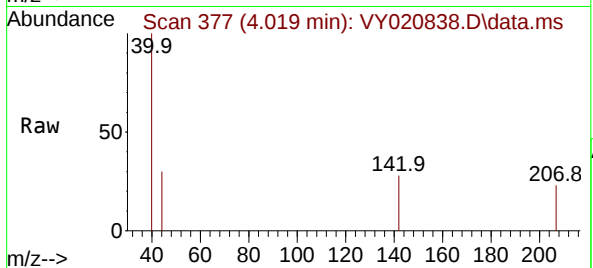
Lab File: VY020838.D

Acq: 15 Jan 2025 17:37

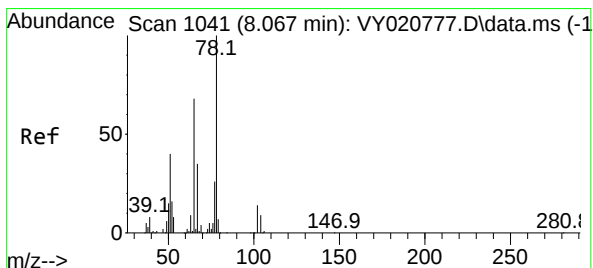
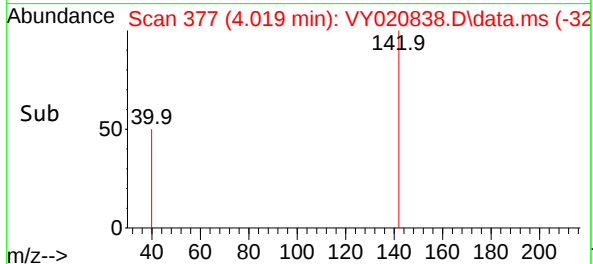
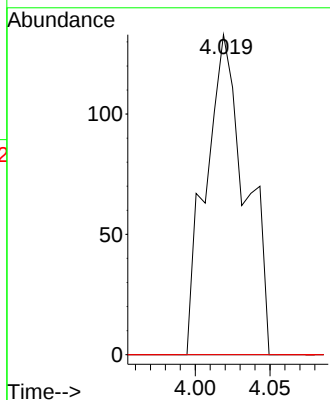
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	142	Resp:	247
Ion	Ratio	Lower	Upper
142	100		
127	0.0	41.0	61.6#
141	0.0	11.6	17.4#



#33

1,2-Dichloroethane-d4

Concen: 70.541 ug/l

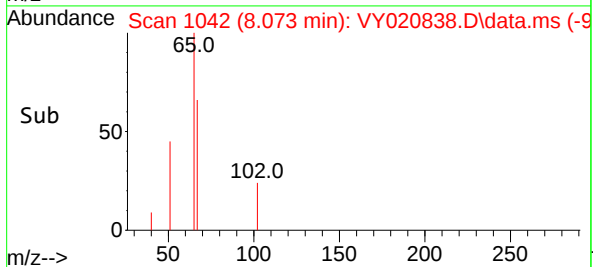
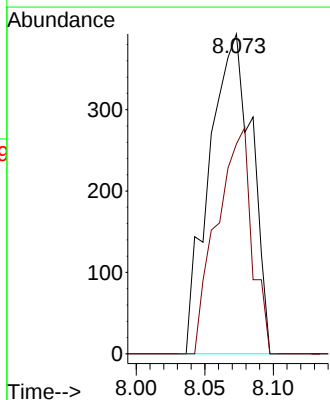
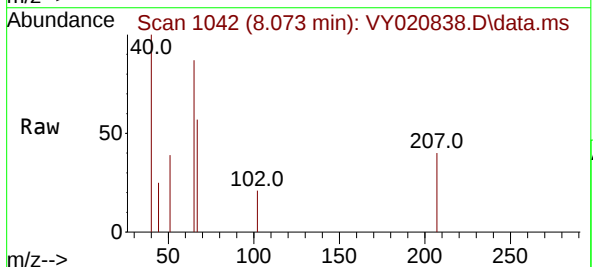
RT: 8.073 min Scan# 1042

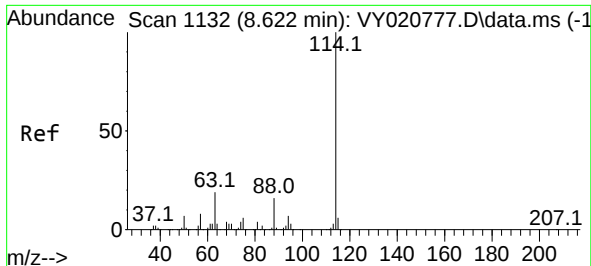
Delta R.T. 0.006 min

Lab File: VY020838.D

Acq: 15 Jan 2025 17:37

Tgt Ion:	65	Resp:	846
Ion	Ratio	Lower	Upper
65	100		
67	58.3	0.0	102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY020838.D

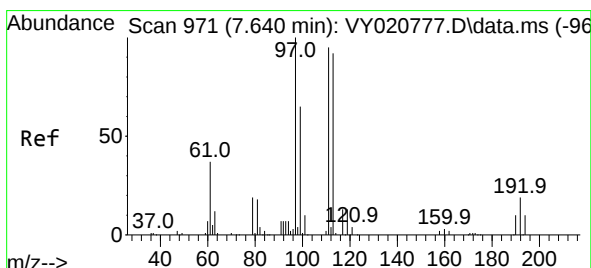
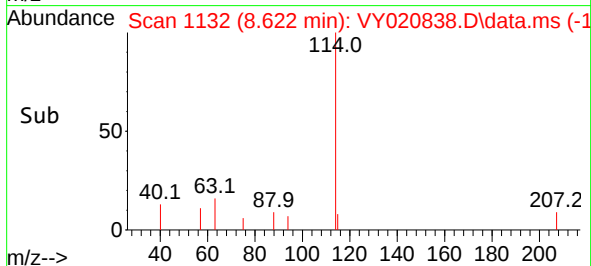
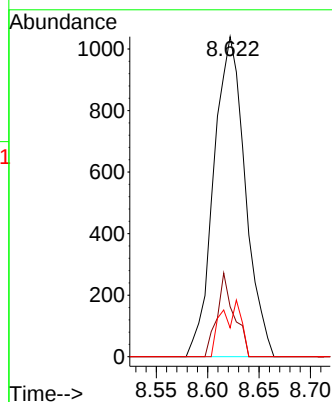
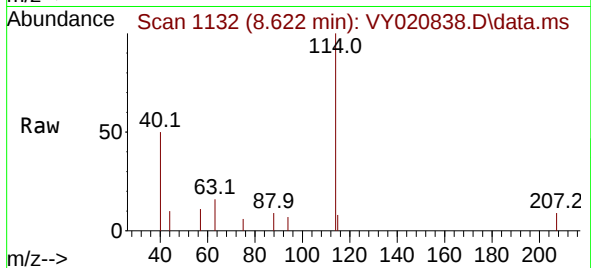
Acq: 15 Jan 2025 17:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	2214
Ion	Ratio	Lower Upper
114	100	
63	15.7	0.0 38.4
88	9.0	0.0 31.2



#35

Dibromofluoromethane

Concen: 66.256 ug/l

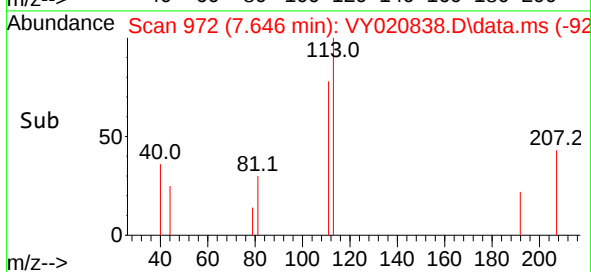
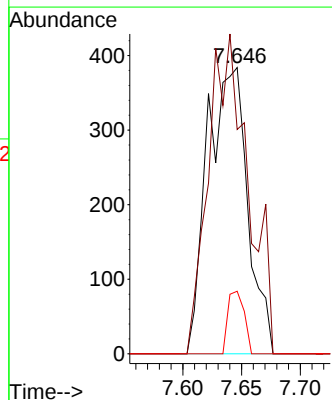
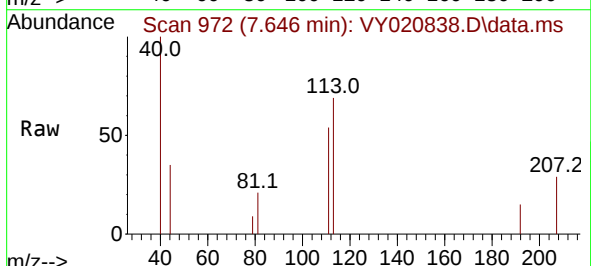
RT: 7.646 min Scan# 972

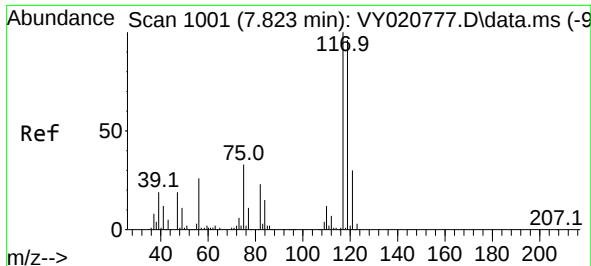
Delta R.T. 0.006 min

Lab File: VY020838.D

Acq: 15 Jan 2025 17:37

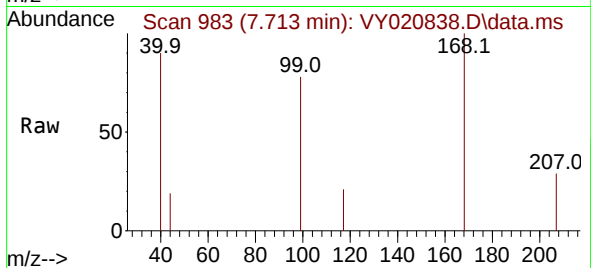
Tgt Ion:113	Resp:	919
Ion	Ratio	Lower Upper
113	100	
111	109.0	81.7 122.5
192	8.8	16.7 25.1



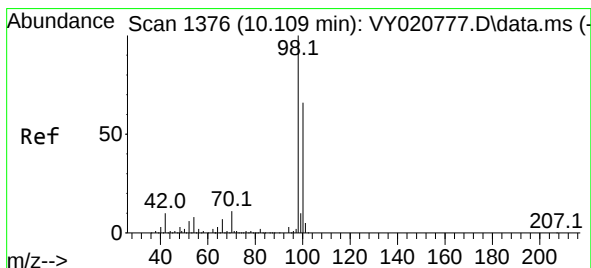
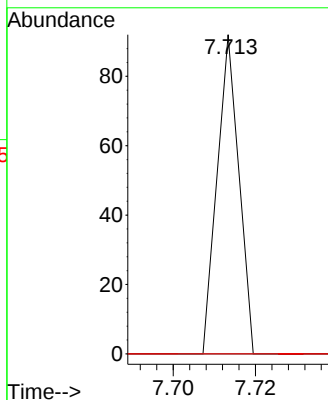
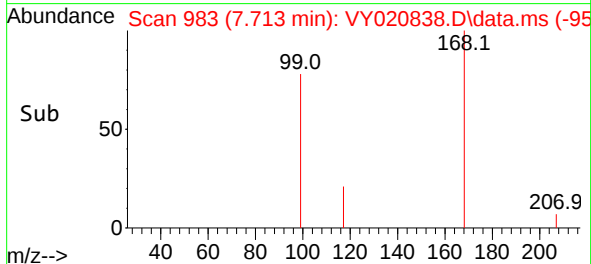


#38
Carbon Tetrachloride
Concen: 1.381 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY020838.D
Acq: 15 Jan 2025 17:37

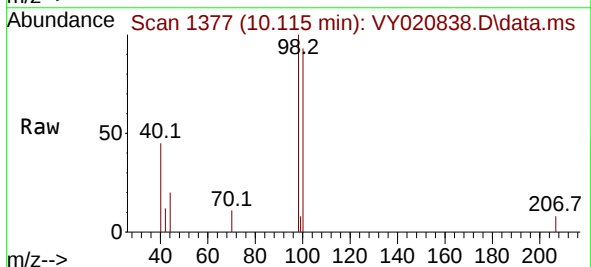
Instrument :
MSVOA_Y
ClientSampleId :



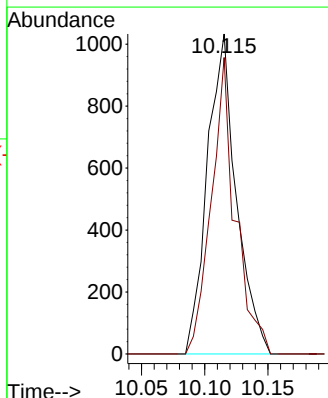
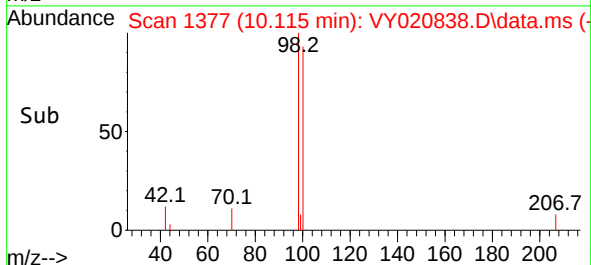
Tgt Ion:117 Resp: 34
Ion Ratio Lower Upper
117 100
119 0.0 76.5 114.7#
121 0.0 24.3 36.5#

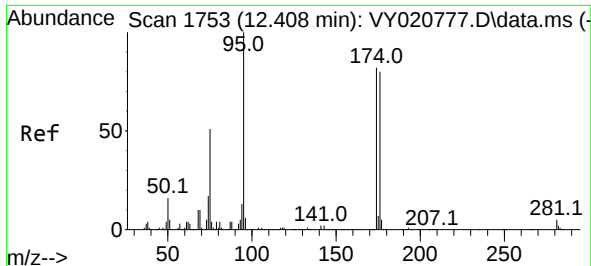


#50
Toluene-d8
Concen: 34.166 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020838.D
Acq: 15 Jan 2025 17:37



Tgt Ion: 98 Resp: 1652
Ion Ratio Lower Upper
98 100
100 76.9 52.5 78.7

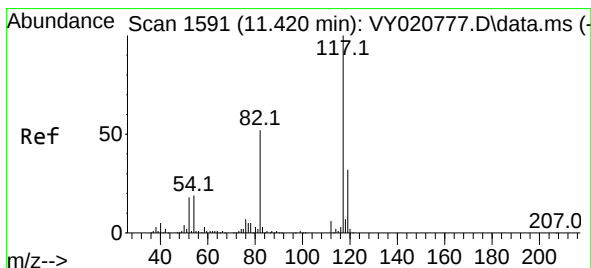
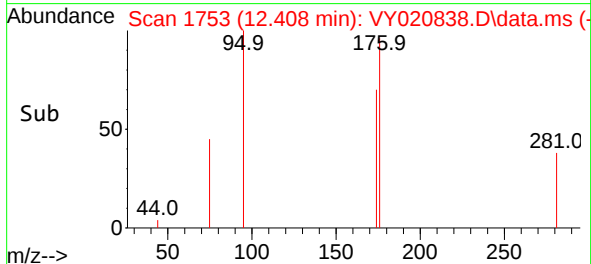
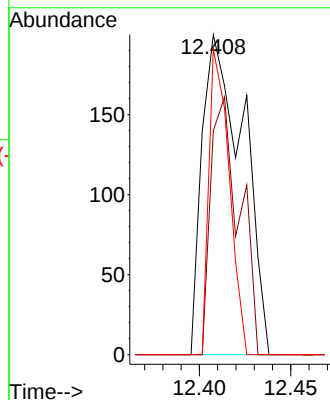
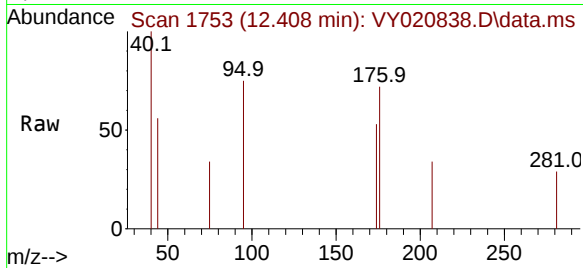




#62
4-Bromofluorobenzene
Concen: 17.473 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020838.D
Acq: 15 Jan 2025 17:37

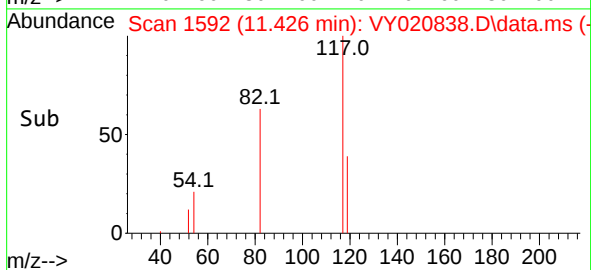
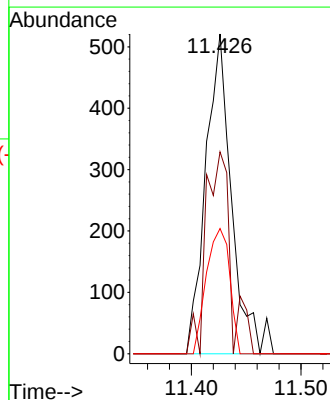
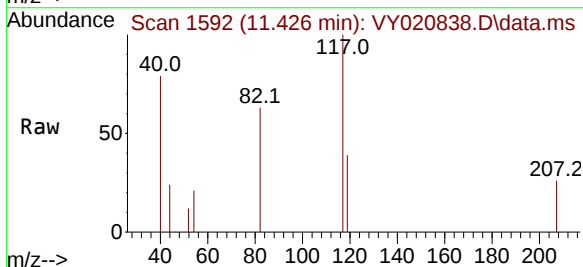
Instrument :
MSVOA_Y
ClientSampleId :

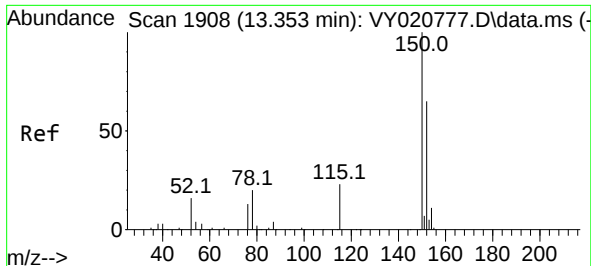
Tgt Ion:	95	Resp:	312
Ion	Ratio	Lower	Upper
95	100		
174	56.4	0.0	178.0
176	47.1	0.0	172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY020838.D
Acq: 15 Jan 2025 17:37

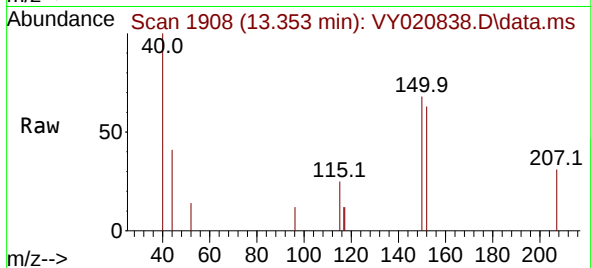
Tgt Ion:	117	Resp:	857
Ion	Ratio	Lower	Upper
117	100		
82	63.1	41.8	62.6#
119	39.2	25.8	38.8#



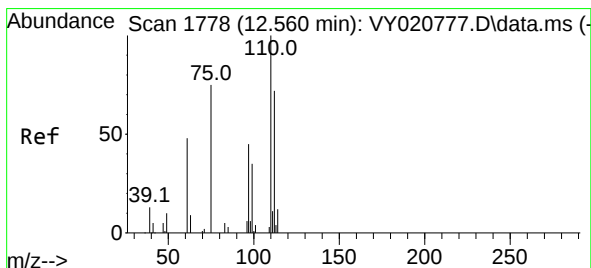
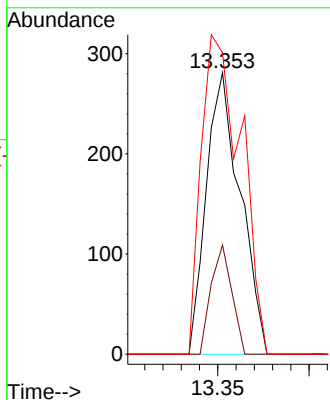
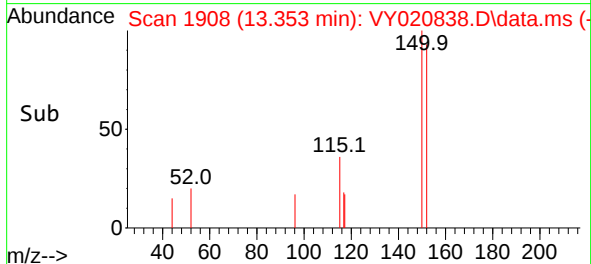


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VY020838.D
 Acq: 15 Jan 2025 17:37

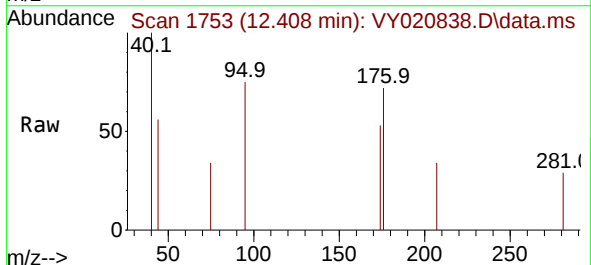
Instrument :
 MSVOA_Y
 ClientSampleId :



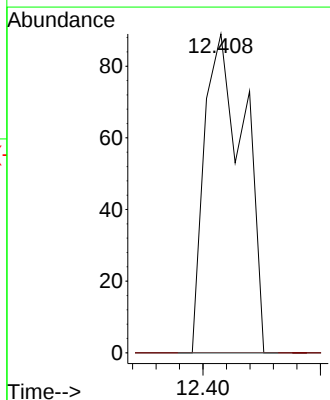
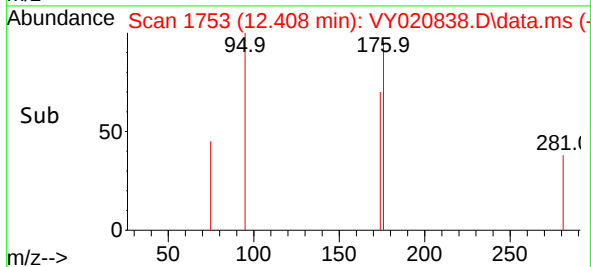
Tgt Ion:152 Resp: 362
 Ion Ratio Lower Upper
 152 100
 115 23.8 29.0 87.0#
 150 133.4 0.0 347.4

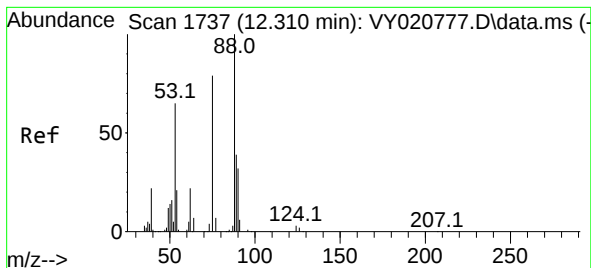


#76
 1,2,3-Trichloropropane
 Concen: 33.150 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY020838.D
 Acq: 15 Jan 2025 17:37



Tgt Ion: 75 Resp: 105
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

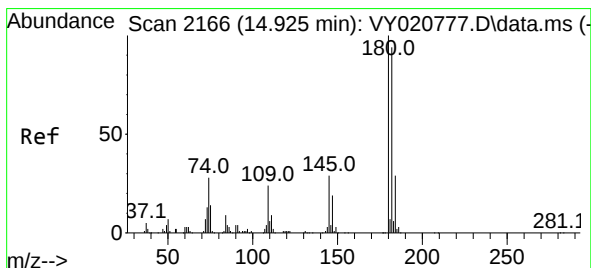
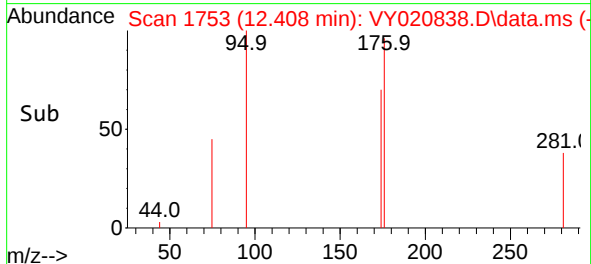
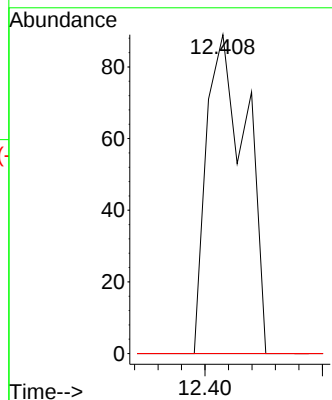
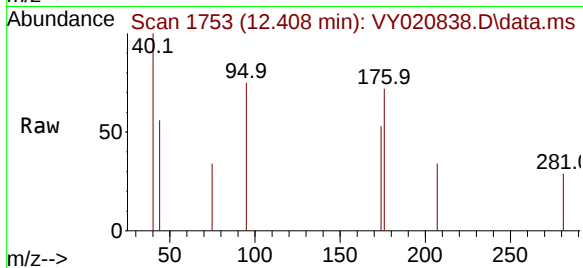




#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.898 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020838.D
 Acq: 15 Jan 2025 17:37

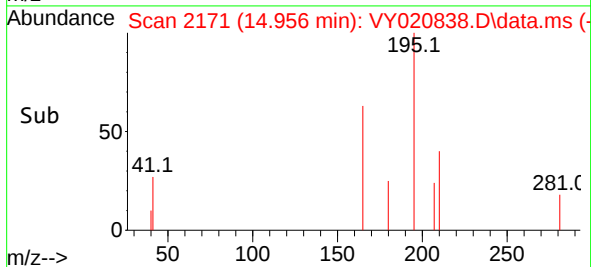
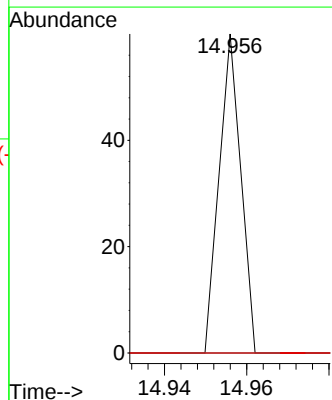
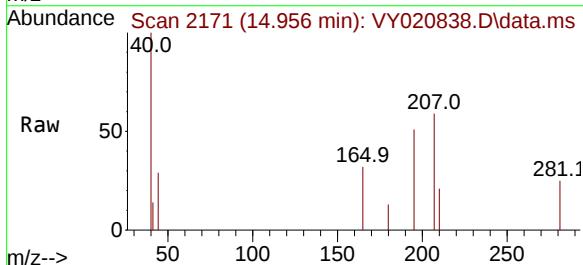
Instrument :
 MSVOA_Y
 ClientSampleId :

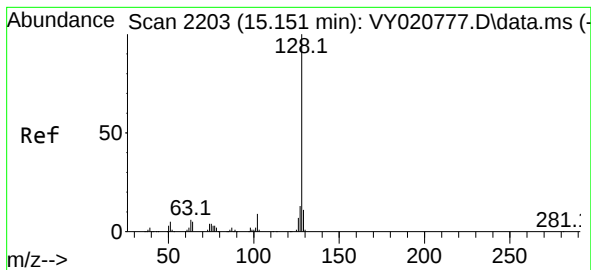
Tgt Ion: 75 Resp: 105
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.0#
 89 0.0 39.6 59.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.398 ug/l
 RT: 14.956 min Scan# 2171
 Delta R.T. 0.030 min
 Lab File: VY020838.D
 Acq: 15 Jan 2025 17:37

Tgt Ion:180 Resp: 22
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.6 142.9#
 145 0.0 15.0 45.1#





#95

Naphthalene

Concen: 11.544 ug/l

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

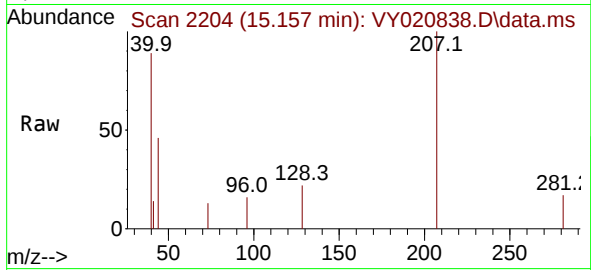
Lab File: VY020838.D

Acq: 15 Jan 2025 17:37

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 123

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 12.8#

