

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015677.D
 Acq On : 21 Sep 2023 17:57
 Operator : SY/MD
 Sample : 04567-11
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 22 01:22:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

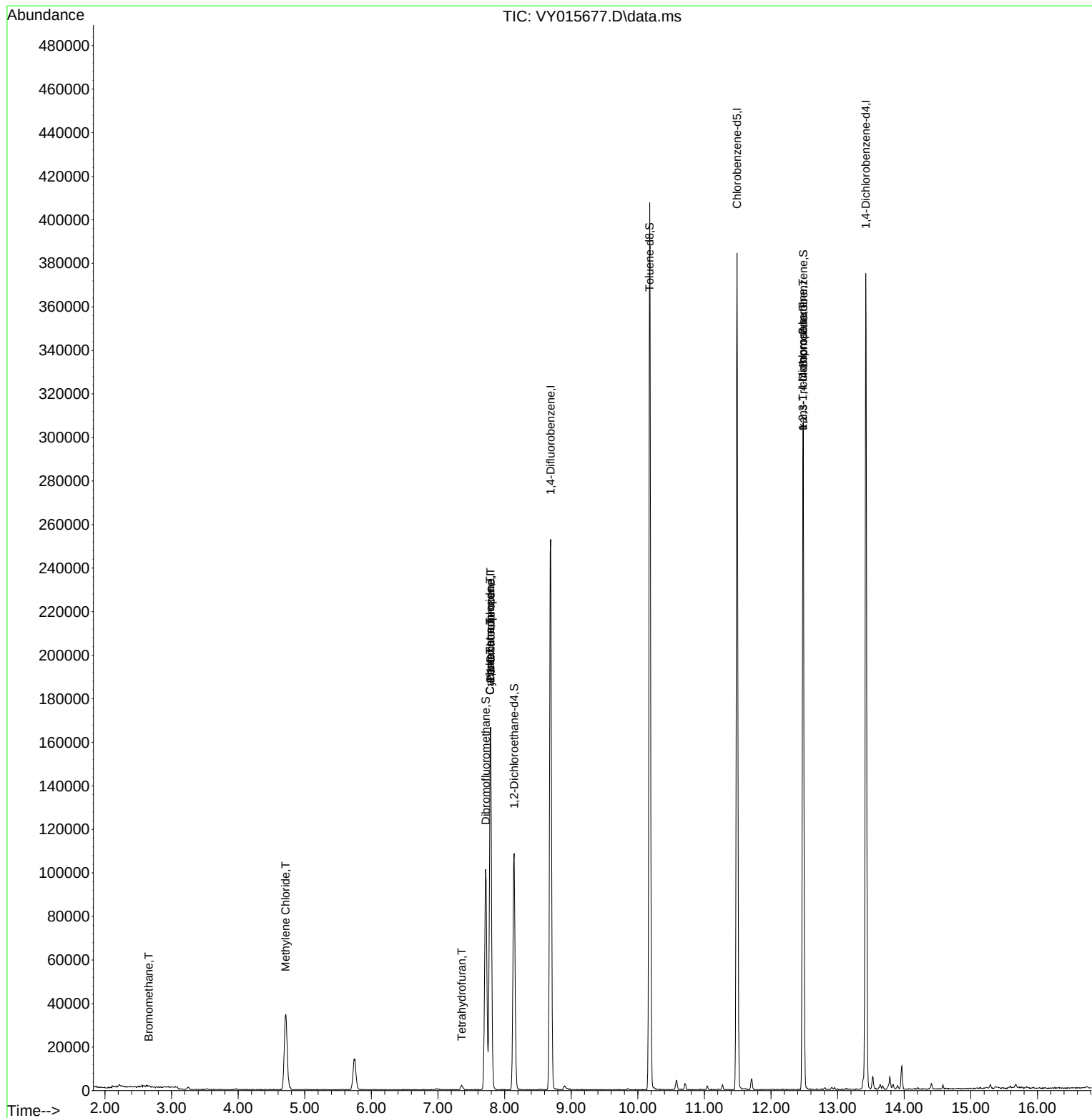
Internal Standards						
1) Pentafluorobenzene	7.789	168	128879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	222239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	85804	60.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.020%	
35) Dibromofluoromethane	7.716	113	71639	53.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.720%	
50) Toluene-d8	10.179	98	261910	58.071	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.140%	
62) 4-Bromofluorobenzene	12.483	95	88152	49.805	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.620%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	156	2.678	ug/l #	77
11) Tert butyl alcohol	4.936	59	24	Below Cal	#	89
20) Methylene Chloride	4.710	84	26195	12.092	ug/l	93
29) Tetrahydrofuran	7.356	42	1574	2.596	ug/l	92
31) Cyclohexane	7.783	56	2859	1.455	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10306	5.240	ug/l #	51
38) Carbon Tetrachloride	7.783	117	12788	5.990	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	47722	31.802	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	47722	71.616	ug/l #	11

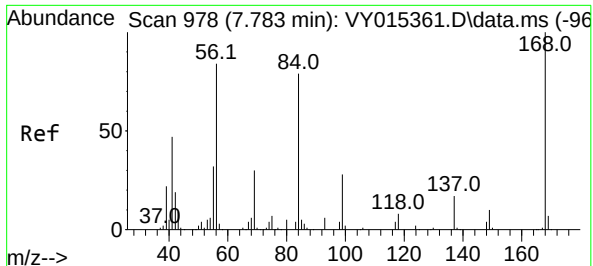
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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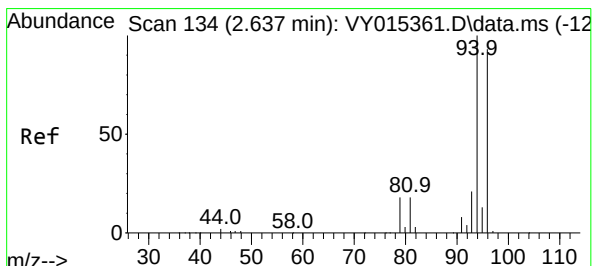
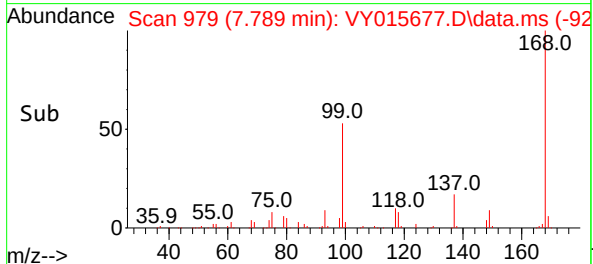
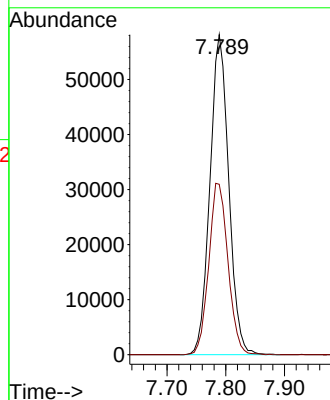
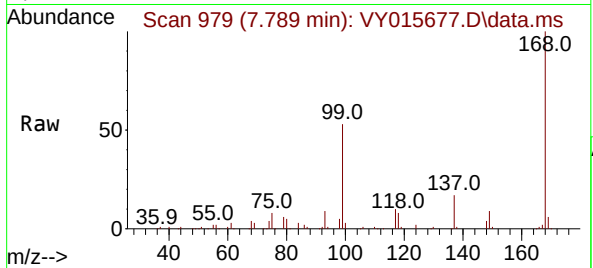




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015677.D
Acq: 21 Sep 2023 17:57

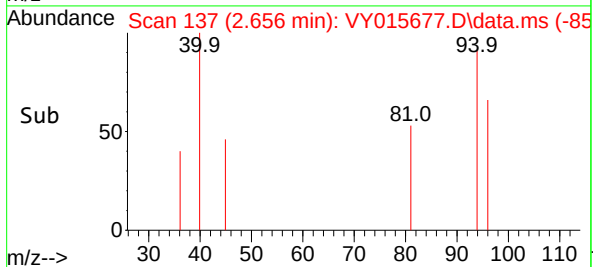
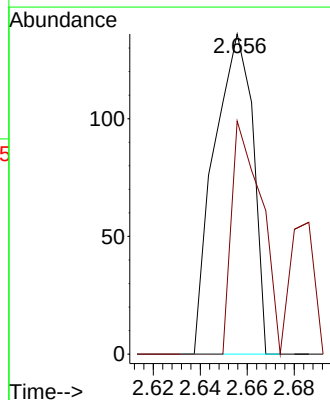
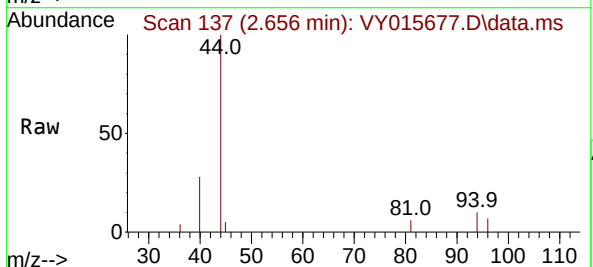
Instrument :
MSVOA_Y
ClientSampleId :

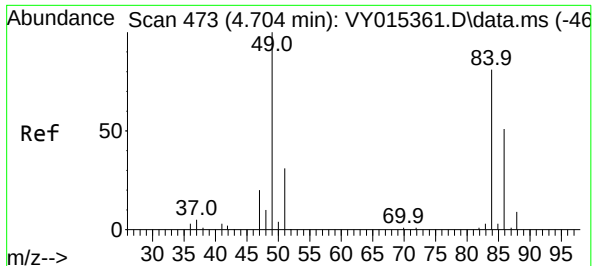
Tgt Ion:168 Resp: 128879
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#5
Bromomethane
Concen: 2.678 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.019 min
Lab File: VY015677.D
Acq: 21 Sep 2023 17:57

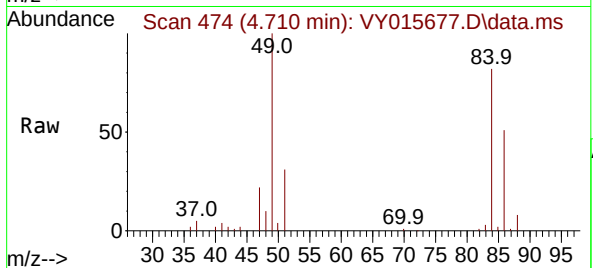
Tgt Ion: 94 Resp: 156
Ion Ratio Lower Upper
94 100
96 72.8 75.8 113.6#





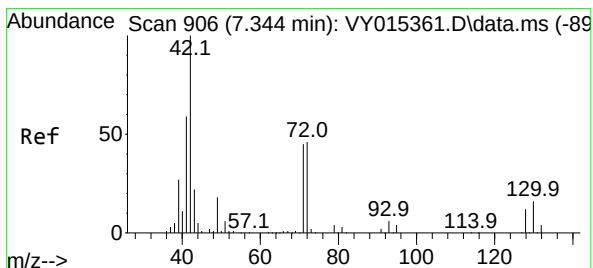
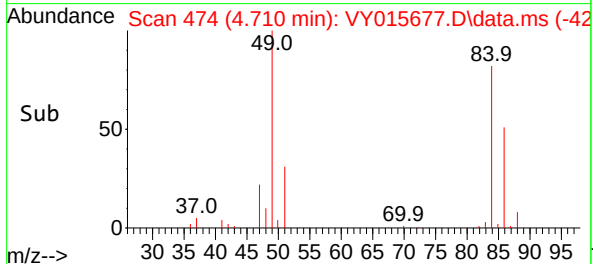
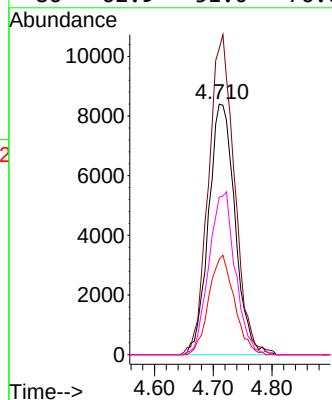
#20
Methylene Chloride
Concen: 12.092 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015677.D
Acq: 21 Sep 2023 17:57

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 26195

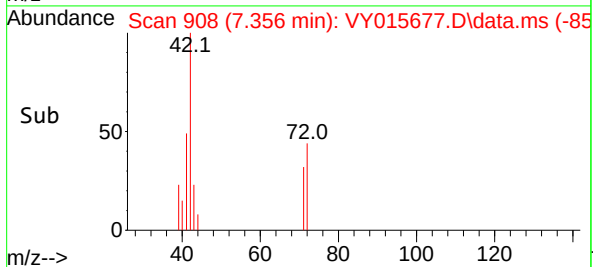
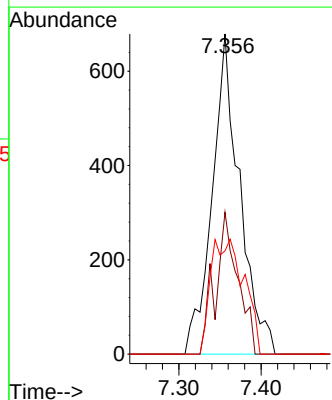
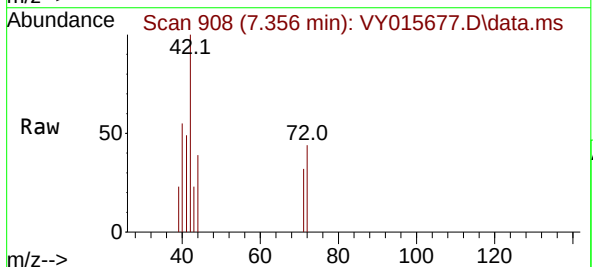
Ion	Ratio	Lower	Upper
84	100		
49	122.2	106.9	160.3
51	38.0	33.2	49.8
86	62.9	51.0	76.6

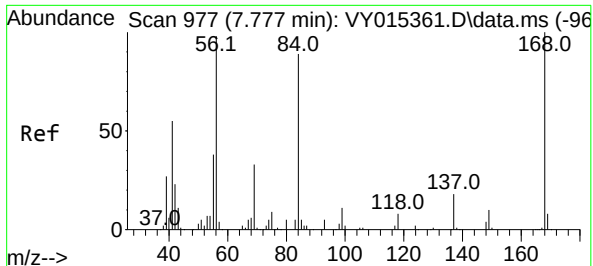


#29
Tetrahydrofuran
Concen: 2.596 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY015677.D
Acq: 21 Sep 2023 17:57

Tgt Ion: 42 Resp: 1574

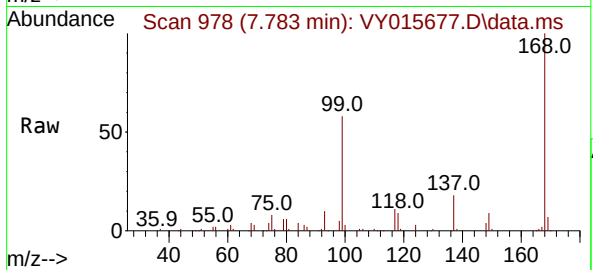
Ion	Ratio	Lower	Upper
42	100		
72	36.2	32.8	49.2
71	43.5	31.0	46.4



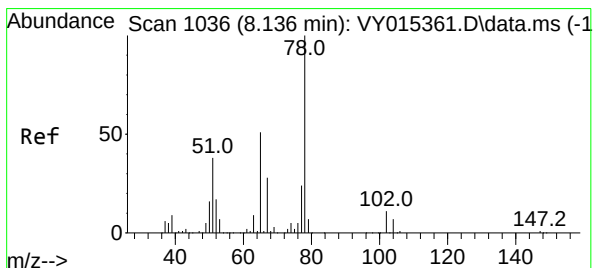
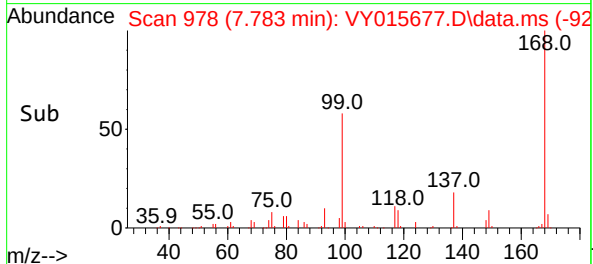
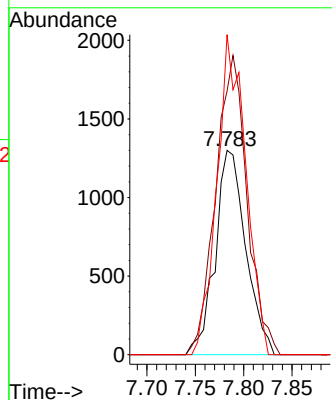


#31
Cyclohexane
Concen: 1.455 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015677.D
Acq: 21 Sep 2023 17:57

Instrument :
MSVOA_Y
ClientSampleId :

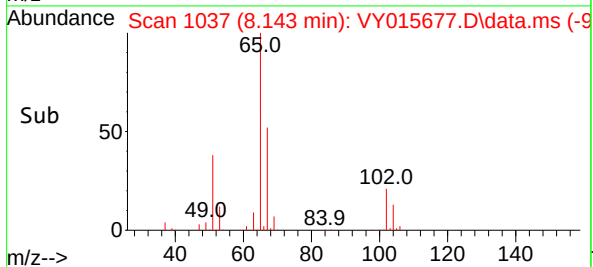
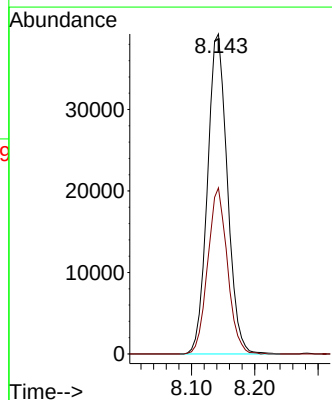
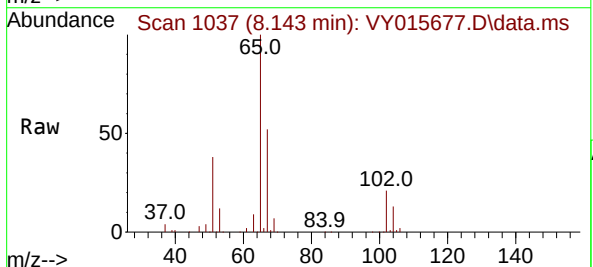


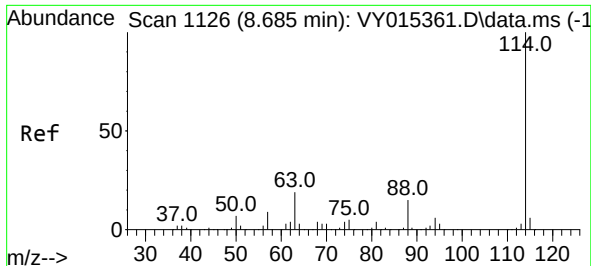
Tgt Ion: 56 Resp: 2859
Ion Ratio Lower Upper
56 100
69 129.1 27.8 41.6#
84 156.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 60.509 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY015677.D
Acq: 21 Sep 2023 17:57

Tgt Ion: 65 Resp: 85804
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015677.D

Acq: 21 Sep 2023 17:57

Instrument :

MSVOA_Y

ClientSampleId :

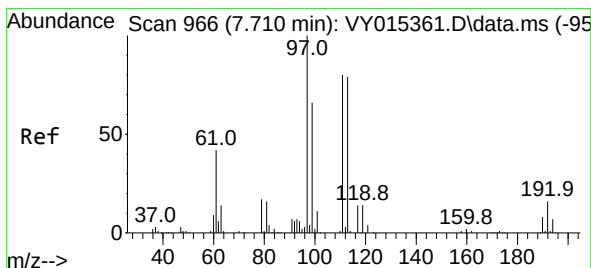
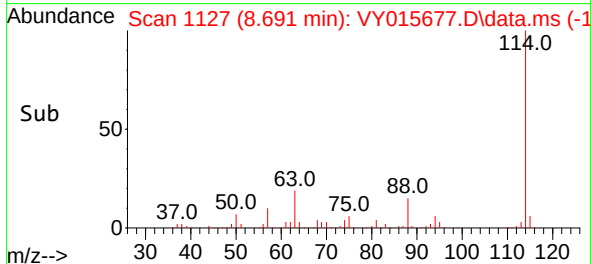
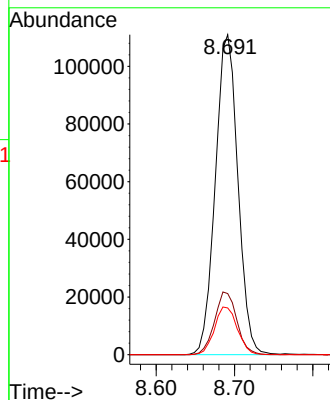
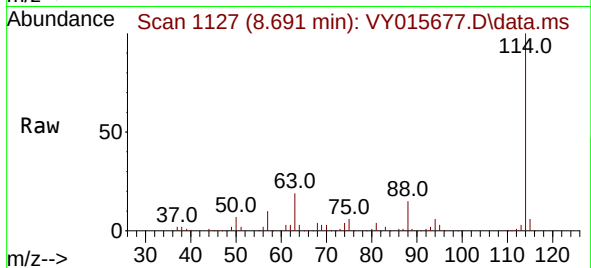
Tgt Ion:114 Resp: 222239

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.857 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015677.D

Acq: 21 Sep 2023 17:57

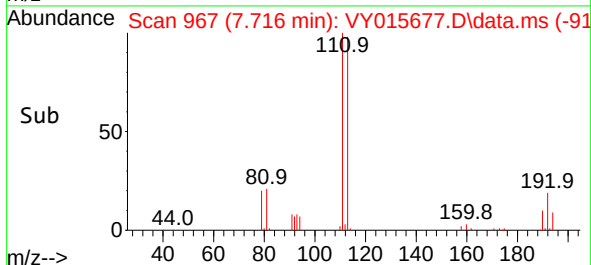
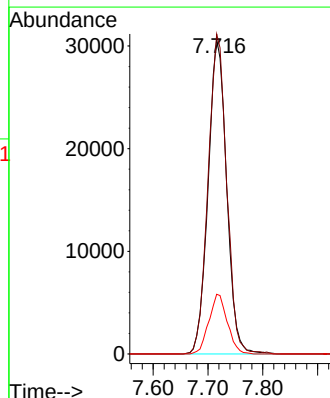
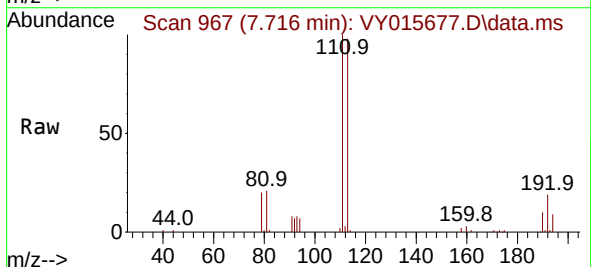
Tgt Ion:113 Resp: 71639

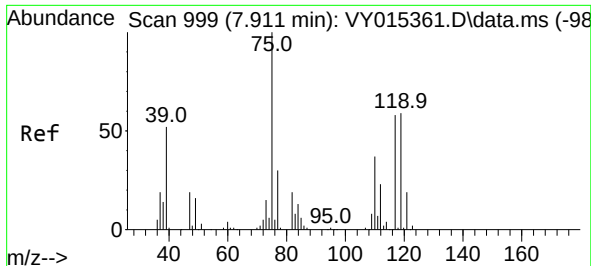
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 18.9 16.9 25.3

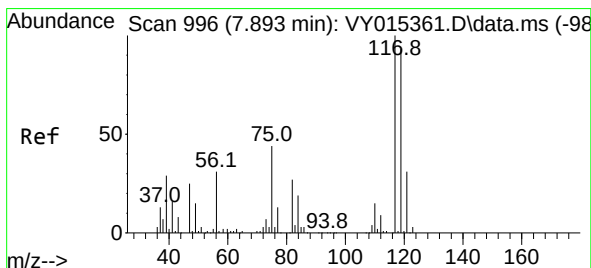
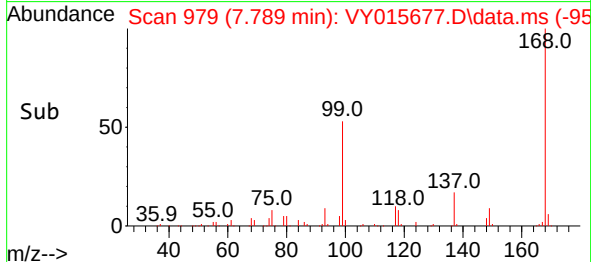
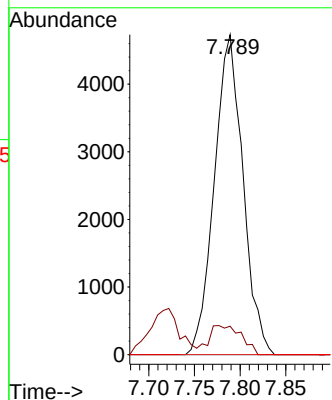
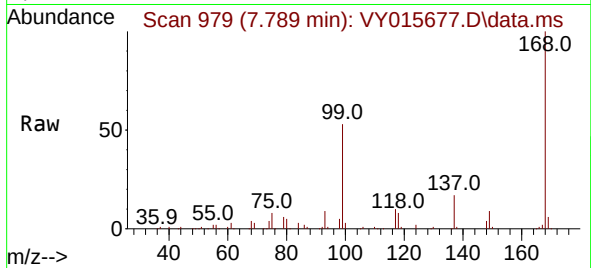




#36
 1,1-Dichloropropene
 Concen: 5.240 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY015677.D
 Acq: 21 Sep 2023 17:57

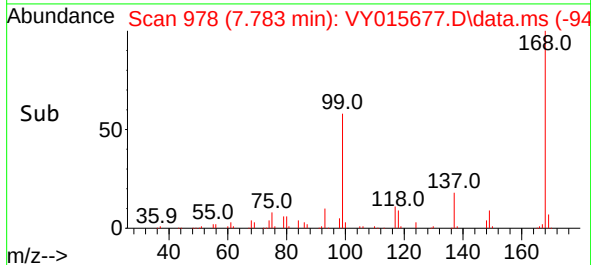
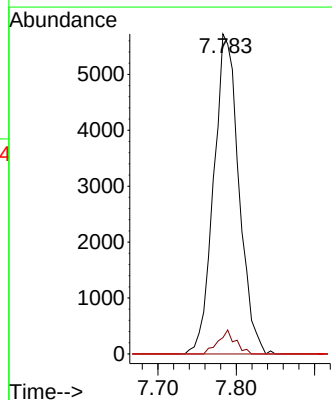
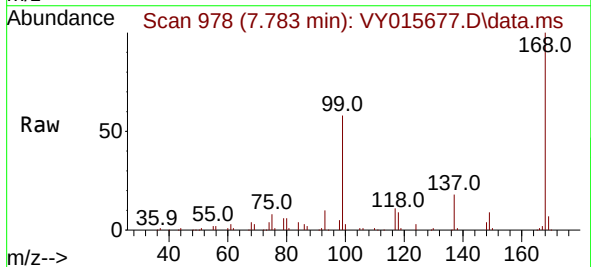
Instrument :
 MSVOA_Y
 ClientSampleId :

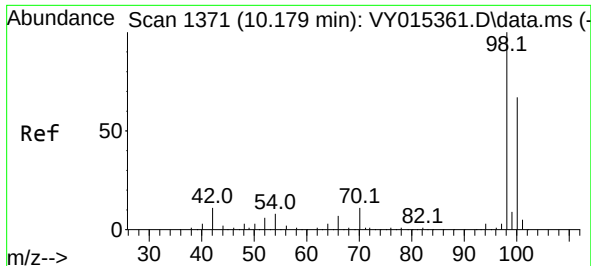
Tgt Ion: 75 Resp: 10306
 Ion Ratio Lower Upper
 75 100
 110 10.4 17.8 53.5#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.990 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.110 min
 Lab File: VY015677.D
 Acq: 21 Sep 2023 17:57

Tgt Ion: 117 Resp: 12788
 Ion Ratio Lower Upper
 117 100
 119 5.1 76.4 114.6#
 121 0.0 25.8 38.6#

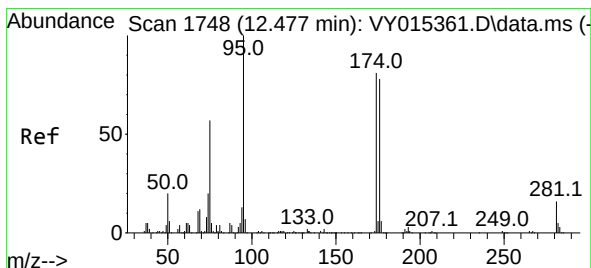
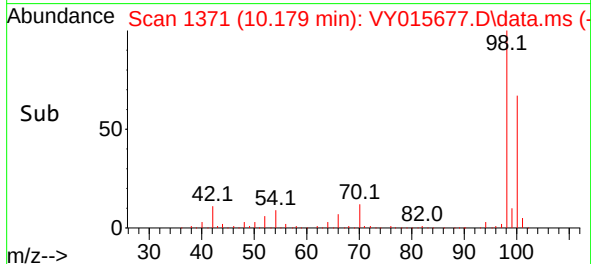
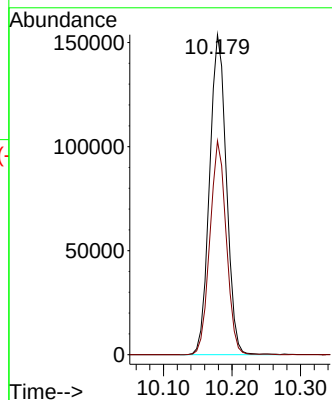
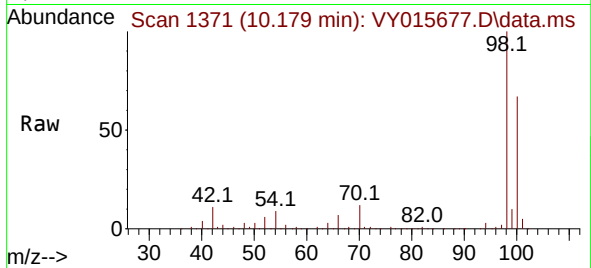




#50
Toluene-d8
Concen: 58.071 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015677.D
Acq: 21 Sep 2023 17:57

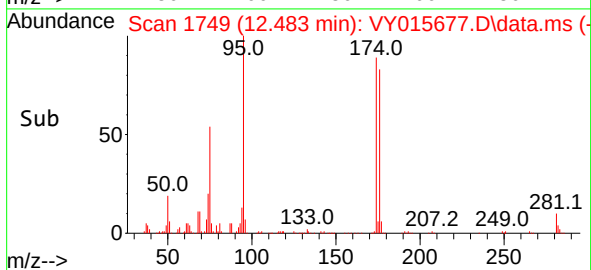
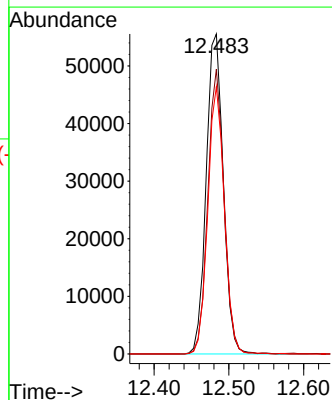
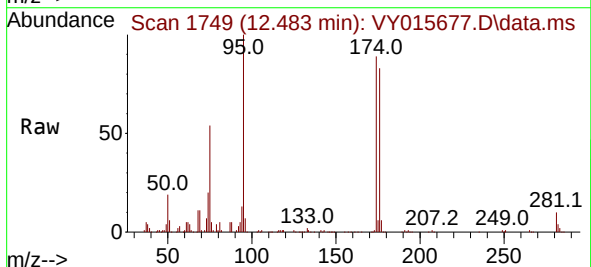
Instrument :
MSVOA_Y
ClientSampleId :

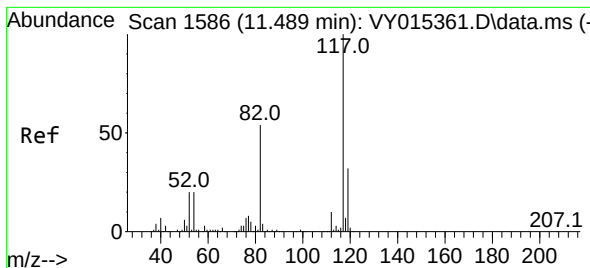
Tgt Ion: 98 Resp: 261910
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.805 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015677.D
Acq: 21 Sep 2023 17:57

Tgt Ion: 95 Resp: 88152
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 80.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

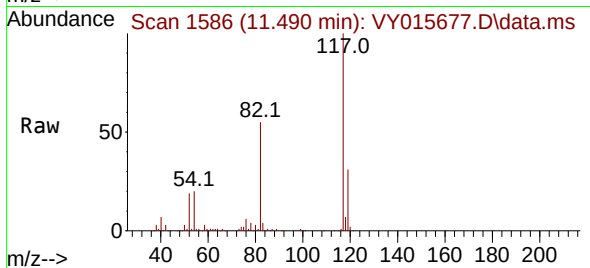
Lab File: VY015677.D

Acq: 21 Sep 2023 17:57

Instrument :

MSVOA_Y

ClientSampleId :



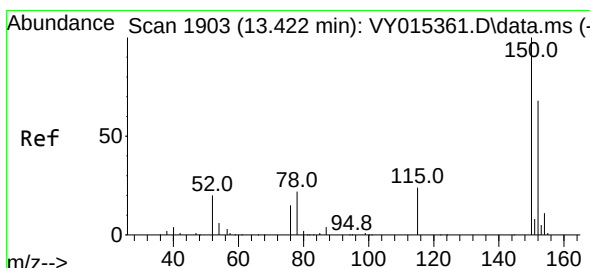
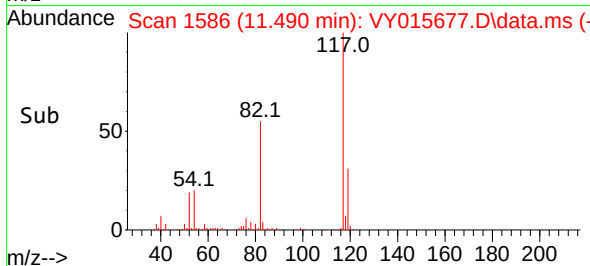
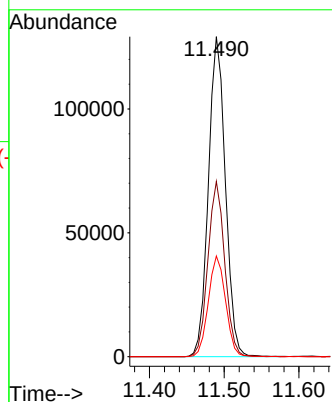
Tgt Ion:117 Resp: 203898

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

119 31.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015677.D

Acq: 21 Sep 2023 17:57

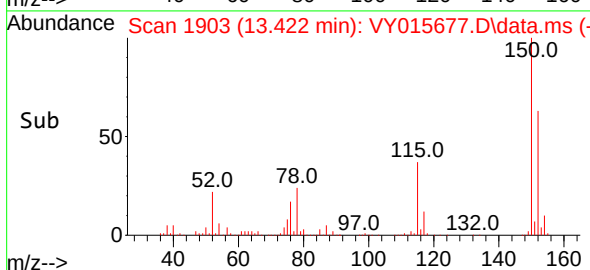
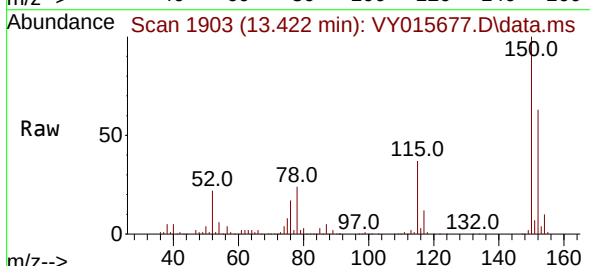
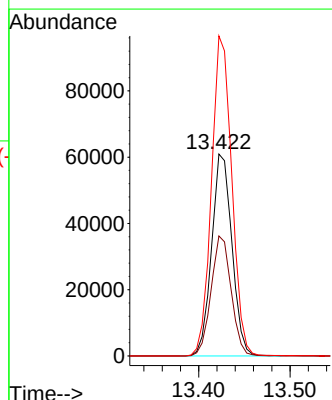
Tgt Ion:152 Resp: 94061

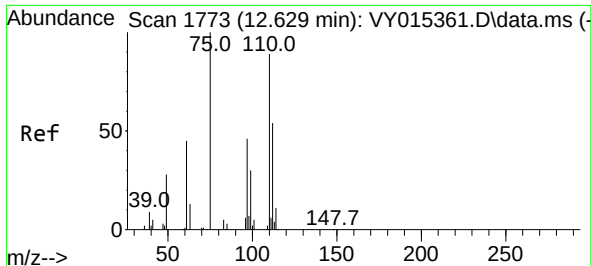
Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 158.5 0.0 348.8

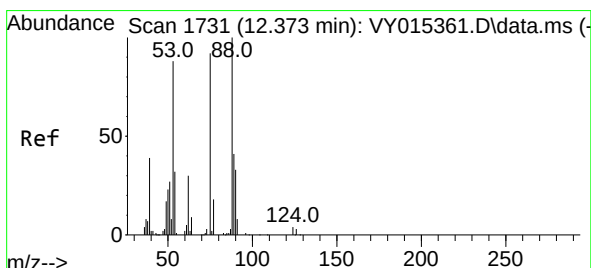
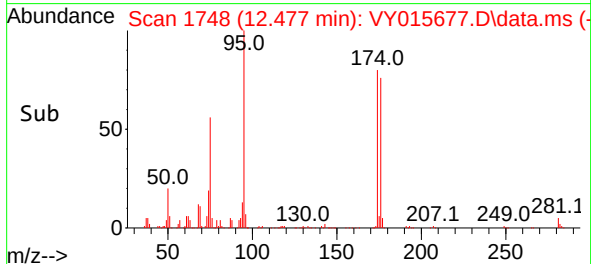
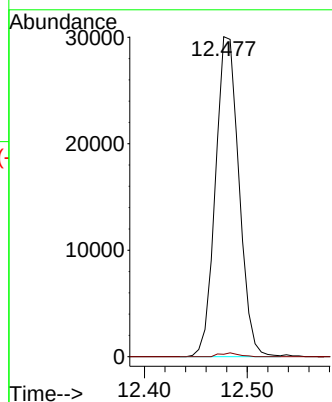
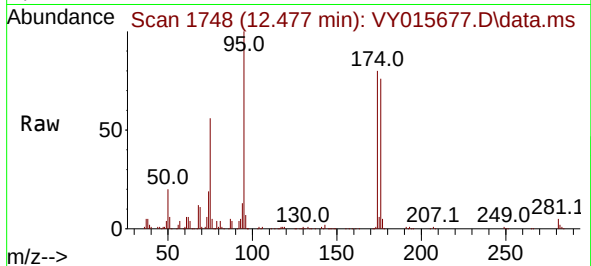




#76
1,2,3-Trichloropropane
Concen: 31.802 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015677.D
Acq: 21 Sep 2023 17:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 47722
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.616 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY015677.D
Acq: 21 Sep 2023 17:57

Tgt Ion: 75 Resp: 47722
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

