

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
 Data File : VY007677.D
 Acq On : 01 Mar 2022 19:20
 Operator : SY/MD
 Sample : N1722-09
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 02 07:52:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

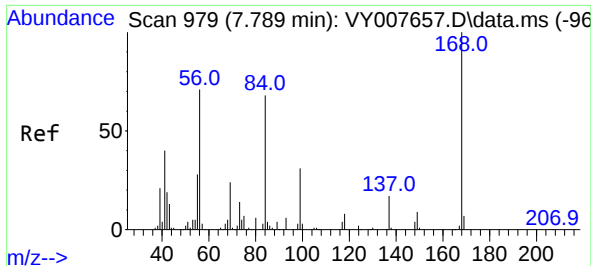
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	222238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	399133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	403514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	183582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	142217	61.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.260%	
35) Dibromofluoromethane	7.716	113	138201	54.159	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.320%	
50) Toluene-d8	10.179	98	503355	53.587	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.180%	
62) 4-Bromofluorobenzene	12.483	95	163154	53.884	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	156	Below Cal	#	43
3) Chloromethane	2.113	50	2071	Below Cal	#	84
13) Acrolein	3.710	56	63	Below Cal	#	57
16) Acetone	3.942	43	1735	3.666	ug/l	99
18) Methyl Acetate	4.472	43	985	Below Cal	#	81
20) Methylene Chloride	4.704	84	9227	Below Cal	#	77
31) Cyclohexane	7.789	56	4967	Below Cal	#	28
36) 1,1-Dichloropropene	7.789	75	17228	4.292	ug/l #	51
38) Carbon Tetrachloride	7.789	117	20935	4.889	ug/l #	16
51) 4-Methyl-2-Pentanone	10.173	43	2469	1.125	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	92774	45.252	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	92774	92.511	ug/l #	7

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

Quant Time: Mar 02 07:52:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration

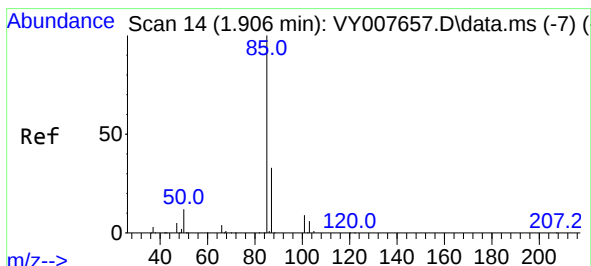
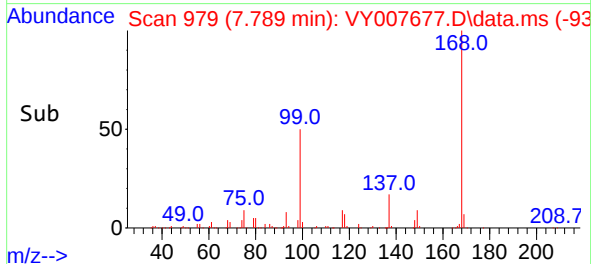
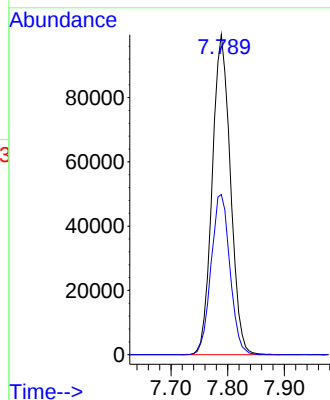
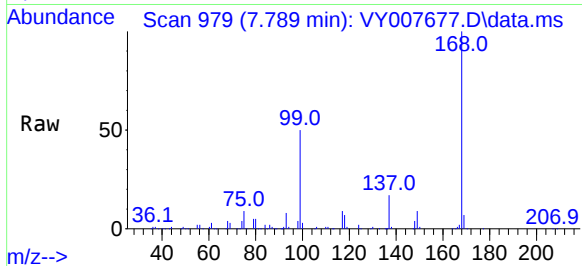




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007677.D
Acq: 01 Mar 2022 19:20

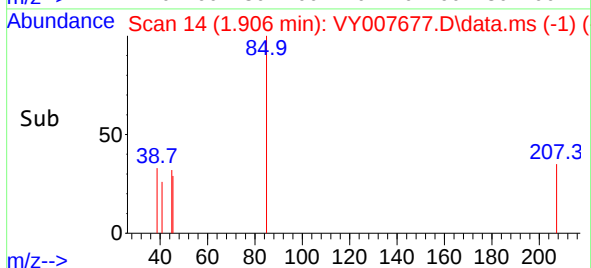
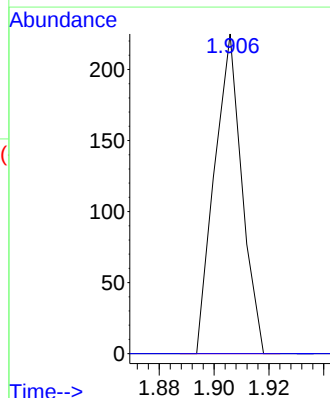
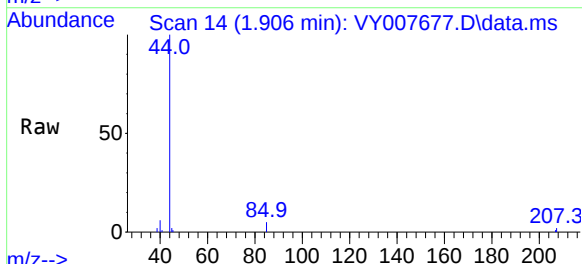
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 222238
Ion Ratio Lower Upper
168 100
99 50.0 46.9 70.3

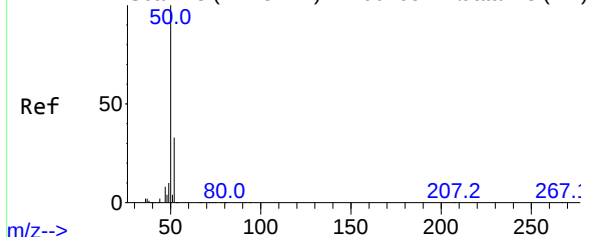


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007677.D
Acq: 01 Mar 2022 19:20

Tgt Ion: 85 Resp: 156
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



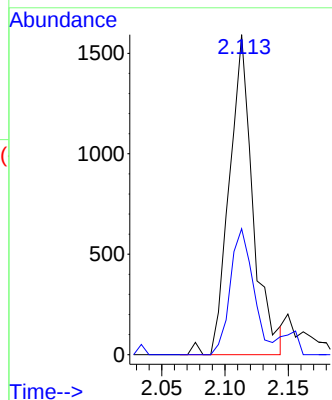
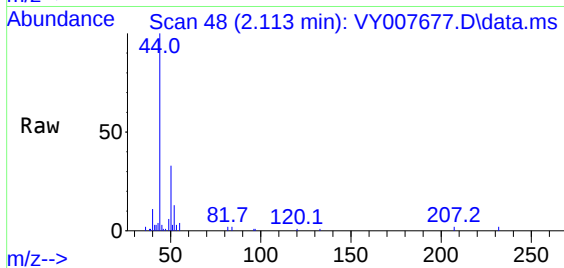
Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



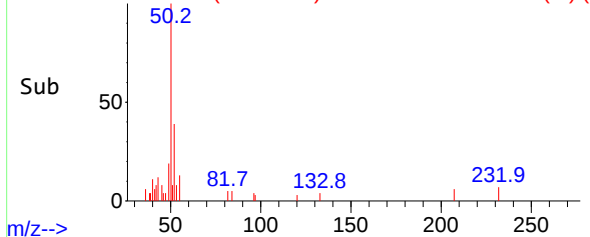
#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007677.D
Acq: 01 Mar 2022 19:20

Instrument :
MSVOA_Y
ClientSampleId :

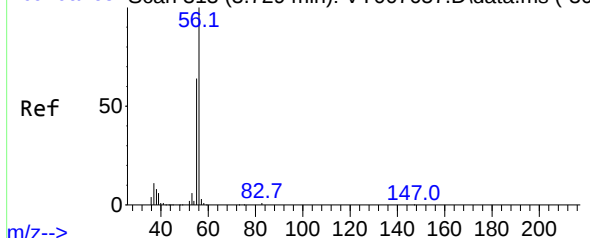
Tgt Ion: 50 Resp: 2071
Ion Ratio Lower Upper
50 100
52 39.4 24.6 37.0#



Abundance Scan 48 (2.113 min): VY007677.D\data.ms (-1)

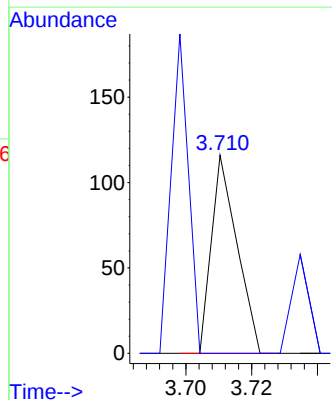
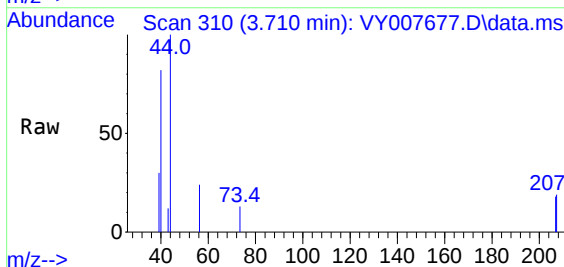


Abundance Scan 313 (3.729 min): VY007657.D\data.ms (-30)

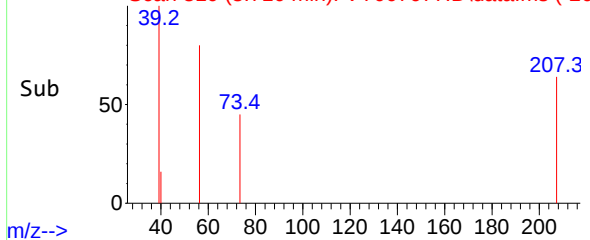


#13
Acrolein
Concen: Below Cal
RT: 3.710 min Scan# 310
Delta R.T. -0.019 min
Lab File: VY007677.D
Acq: 01 Mar 2022 19:20

Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 107.9 57.6 86.4#



Abundance Scan 310 (3.710 min): VY007677.D\data.ms (-26)

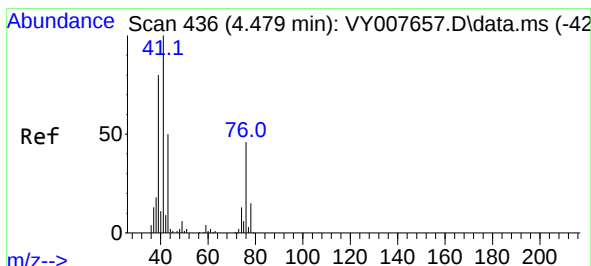
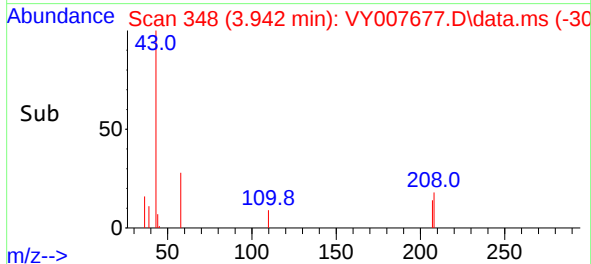
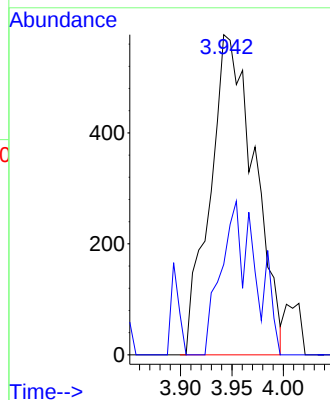
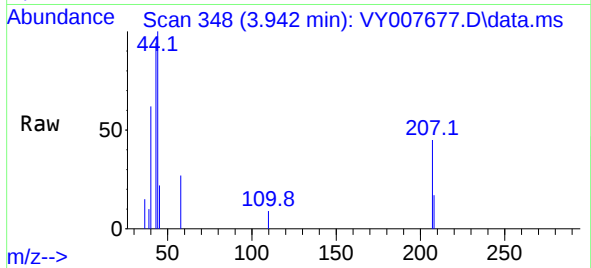




#16
Acetone
Concen: 3.666 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY007677.D
Acq: 01 Mar 2022 19:20

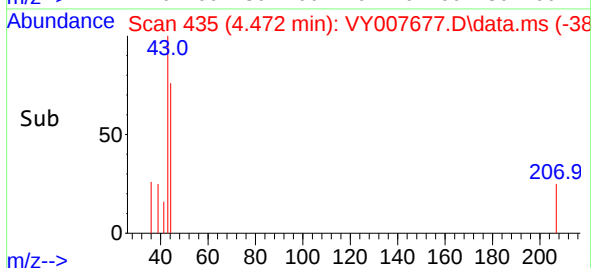
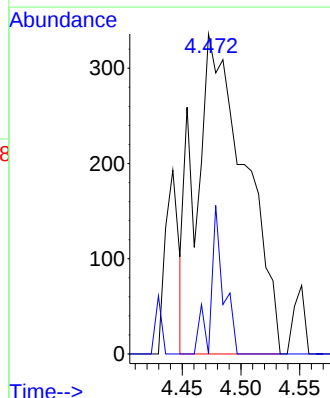
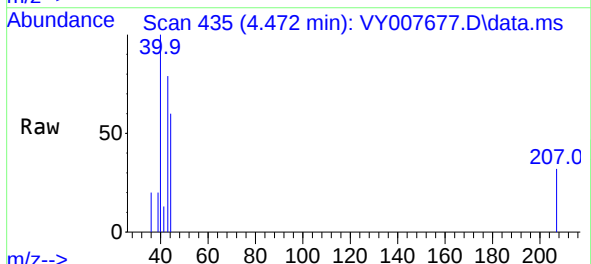
Instrument :
MSVOA_Y
ClientSampleId :

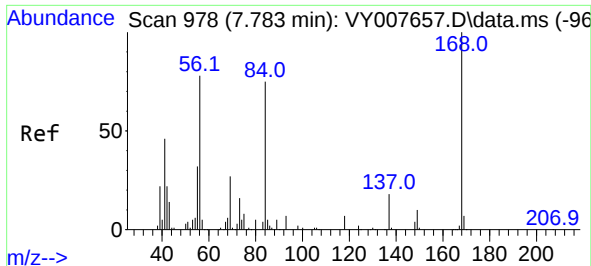
Tgt Ion: 43 Resp: 1735
Ion Ratio Lower Upper
43 100
58 28.2 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY007677.D
Acq: 01 Mar 2022 19:20

Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
74 12.1 16.6 24.8#

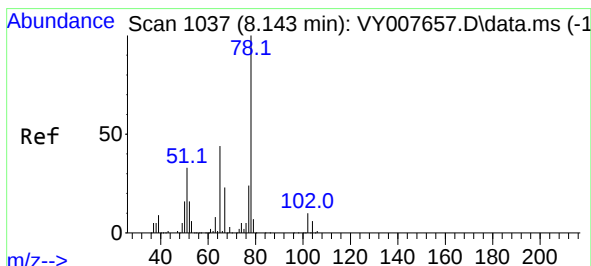
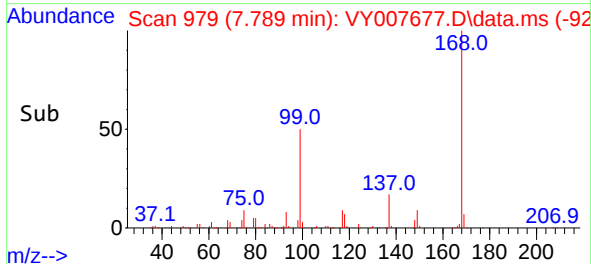
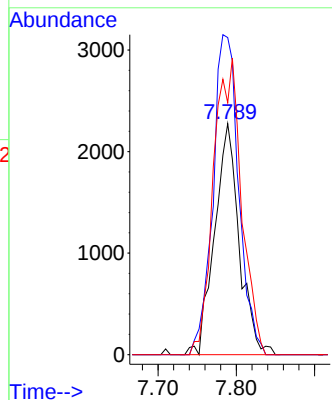
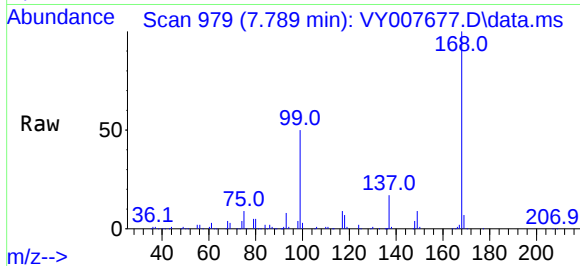




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007677.D
Acq: 01 Mar 2022 19:20

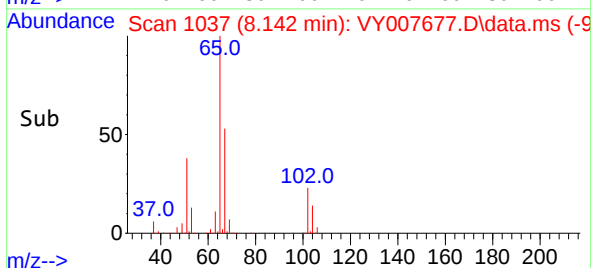
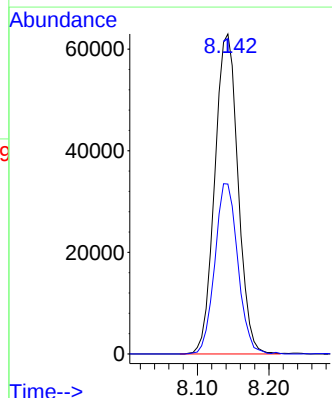
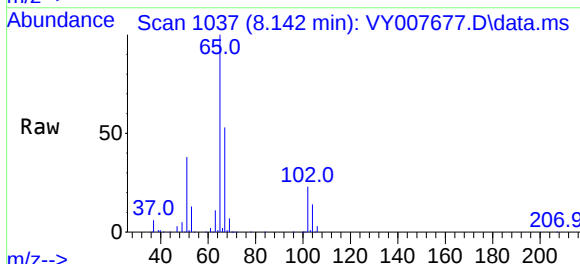
Instrument :
MSVOA_Y
ClientSampleId :

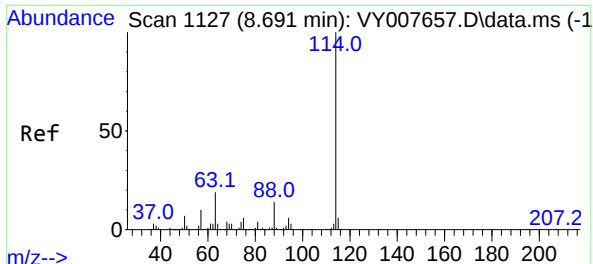
Tgt Ion: 56 Resp: 4967
Ion Ratio Lower Upper
56 100
69 137.3 26.7 40.1#
84 109.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.126 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007677.D
Acq: 01 Mar 2022 19:20

Tgt Ion: 65 Resp: 142217
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007677.D

Acq: 01 Mar 2022 19:20

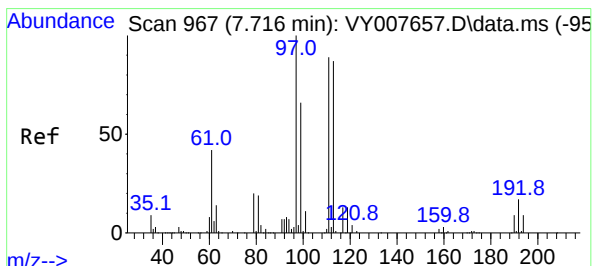
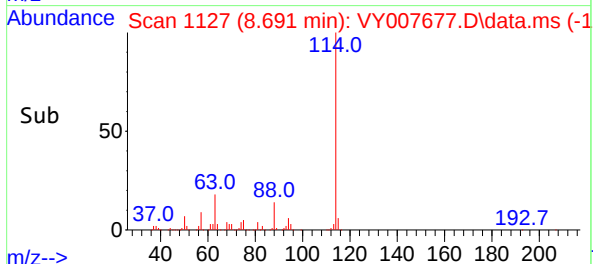
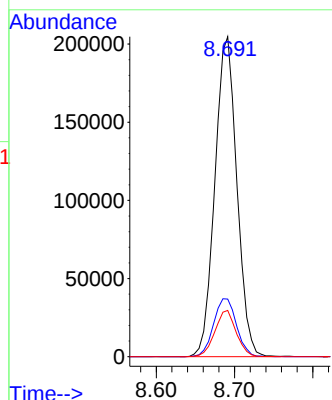
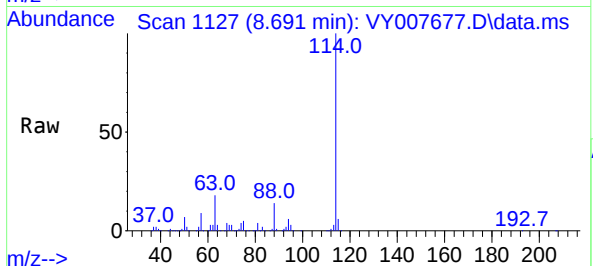
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114 Resp: 399133

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	43.2
88	14.4	0.0	31.8



#35

Dibromofluoromethane

Concen: 54.159 ug/l

RT: 7.716 min Scan# 967

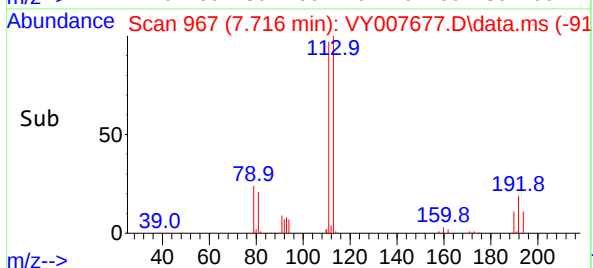
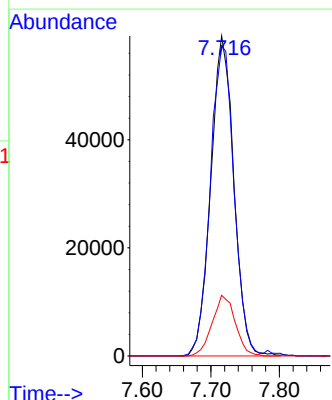
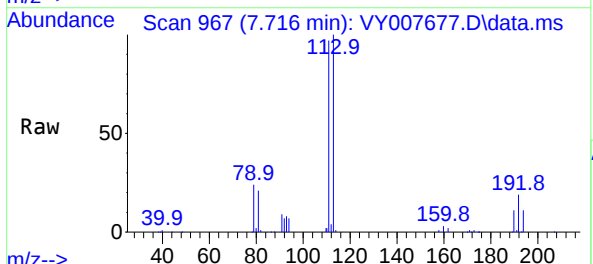
Delta R.T. -0.000 min

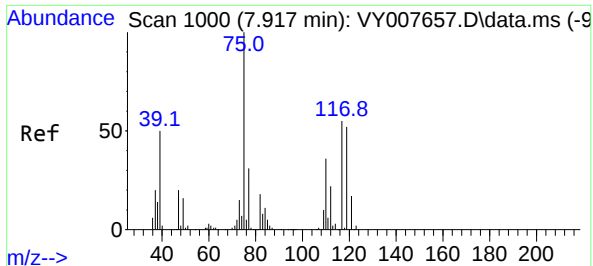
Lab File: VY007677.D

Acq: 01 Mar 2022 19:20

Tgt Ion:113 Resp: 138201

Ion	Ratio	Lower	Upper
113	100		
111	99.9	82.6	124.0
192	19.0	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.292 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007677.D

Acq: 01 Mar 2022 19:20

Instrument :

MSVOA_Y

ClientSampleId :

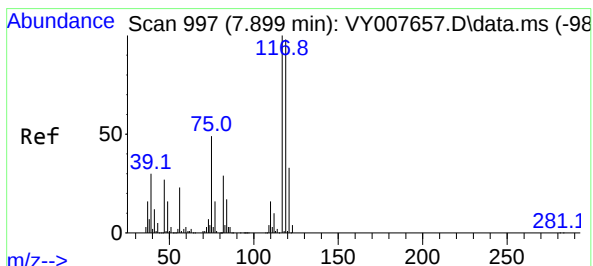
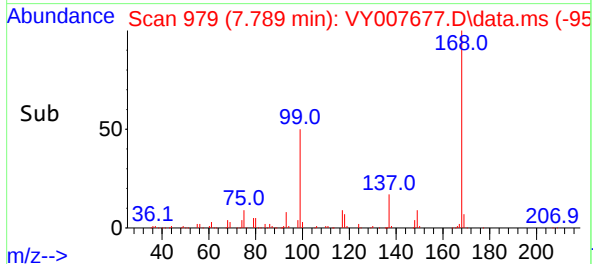
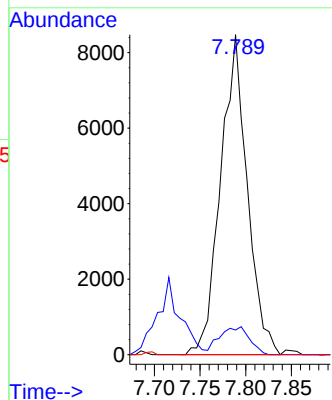
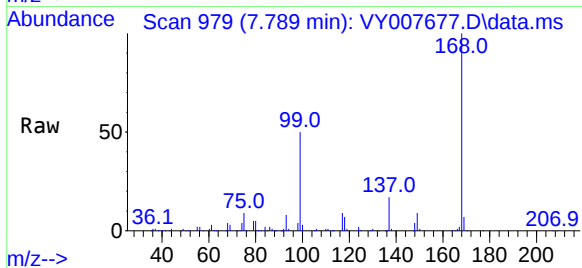
Tgt Ion: 75 Resp: 17228

Ion Ratio Lower Upper

75 100

110 9.8 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.889 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007677.D

Acq: 01 Mar 2022 19:20

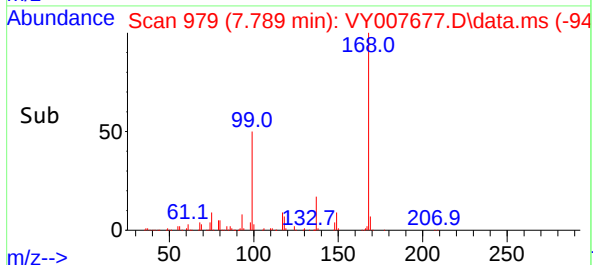
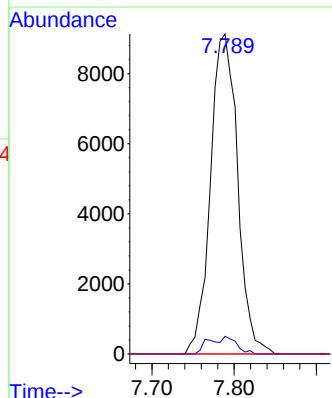
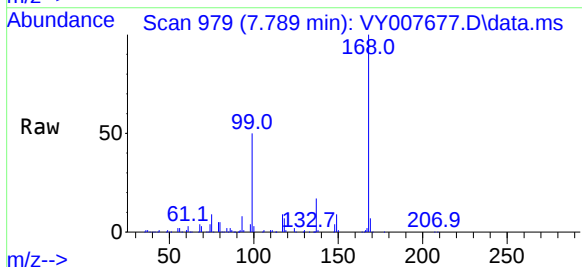
Tgt Ion: 117 Resp: 20935

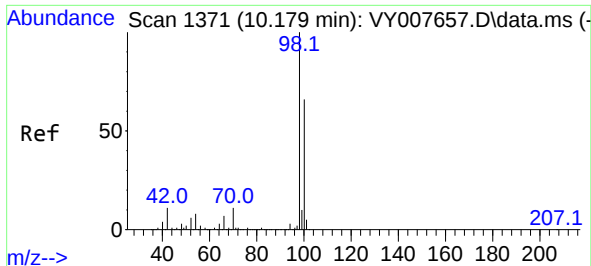
Ion Ratio Lower Upper

117 100

119 5.5 77.9 116.9#

121 0.0 24.8 37.2#

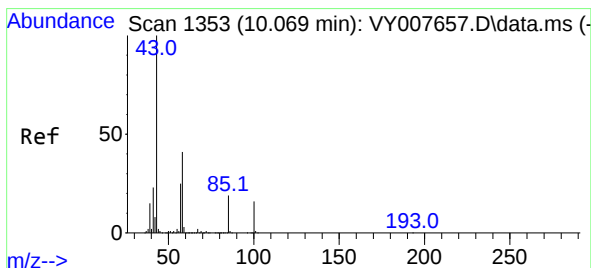
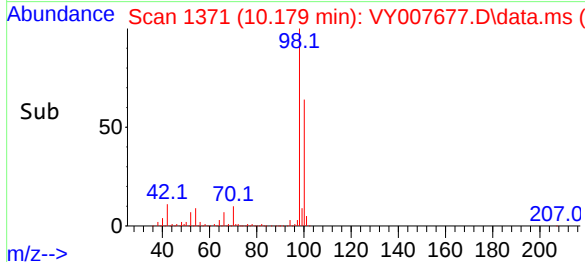
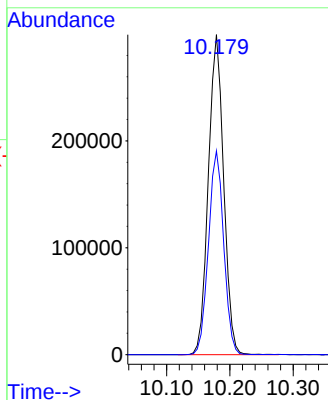
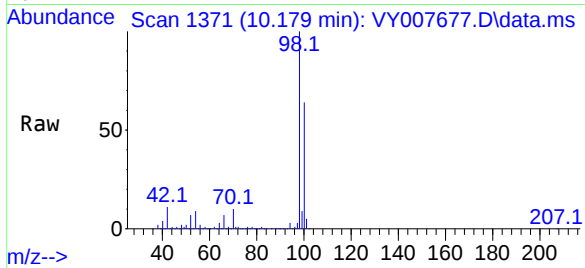




#50
Toluene-d8
Concen: 53.587 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY007677.D
Acq: 01 Mar 2022 19:20

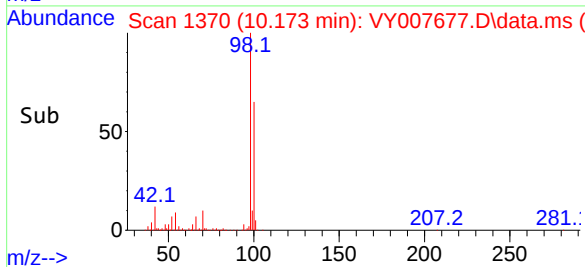
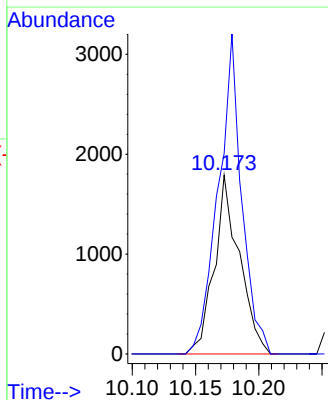
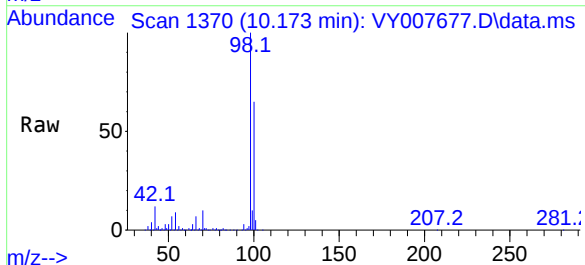
Instrument :
MSVOA_Y
ClientSampleId :

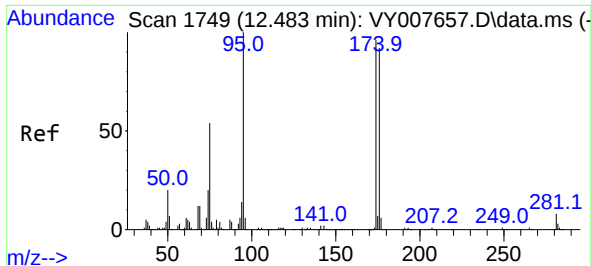
Tgt Ion: 98 Resp: 503355
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.125 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.104 min
Lab File: VY007677.D
Acq: 01 Mar 2022 19:20

Tgt Ion: 43 Resp: 2469
Ion Ratio Lower Upper
43 100
58 167.2 28.1 42.1#

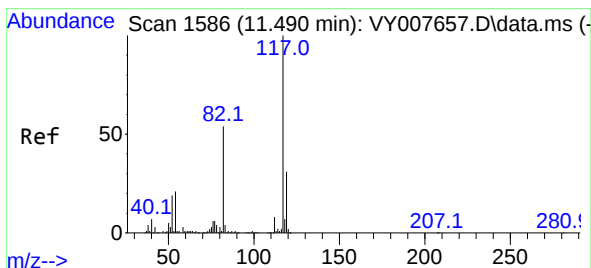
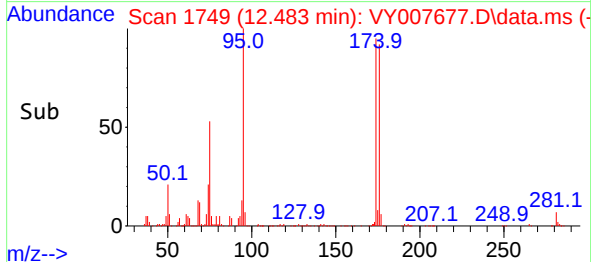
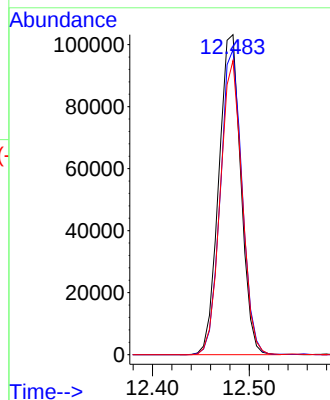
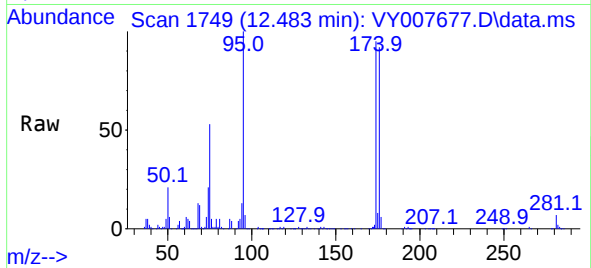




#62
4-Bromofluorobenzene
Concen: 53.884 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007677.D
Acq: 01 Mar 2022 19:20

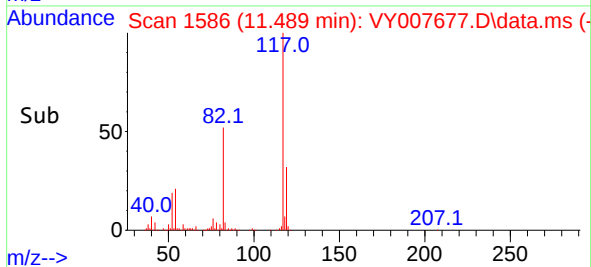
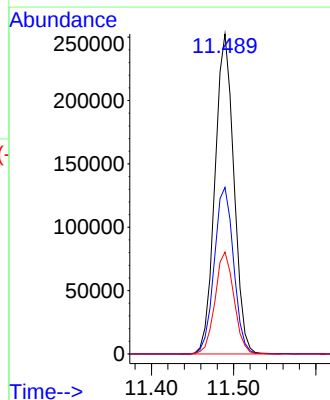
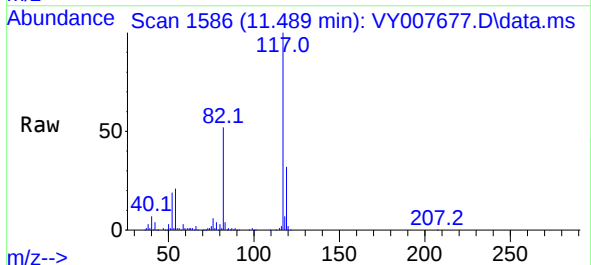
Instrument :
MSVOA_Y
ClientSampleId :

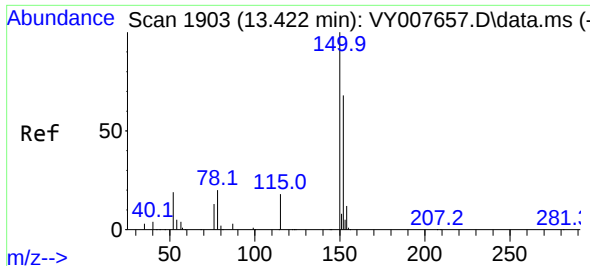
Tgt Ion: 95 Resp: 163154
Ion Ratio Lower Upper
95 100
174 93.6 0.0 177.0
176 90.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007677.D
Acq: 01 Mar 2022 19:20

Tgt Ion: 117 Resp: 403514
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 31.8 25.4 38.0

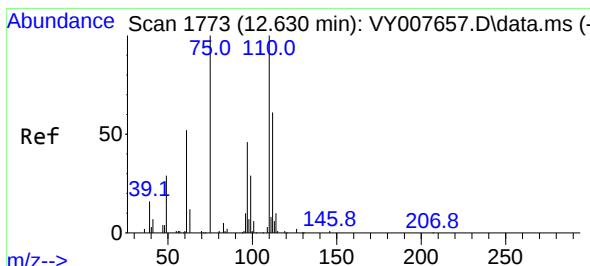
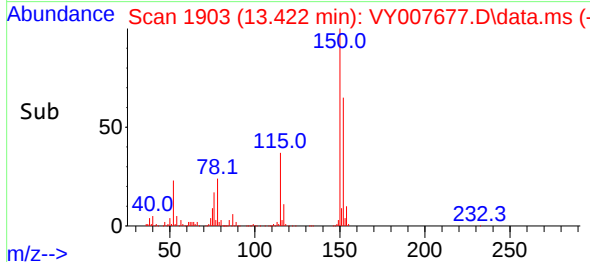
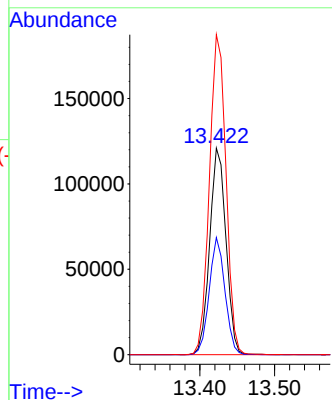
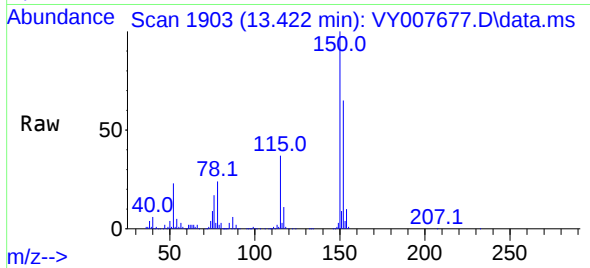




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007677.D
 Acq: 01 Mar 2022 19:20

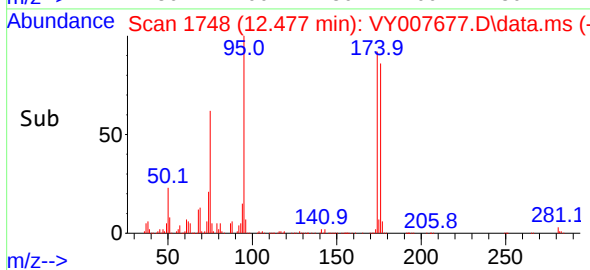
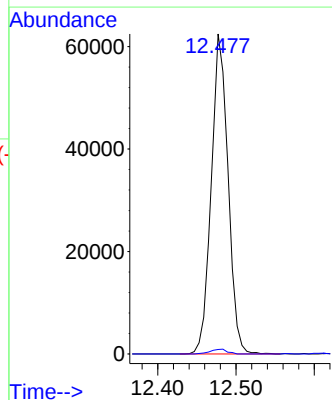
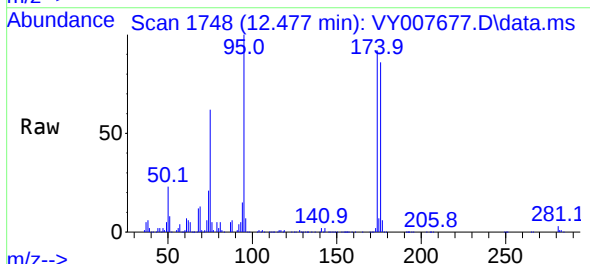
Instrument :
 MSVOA_Y
 ClientSampleId :

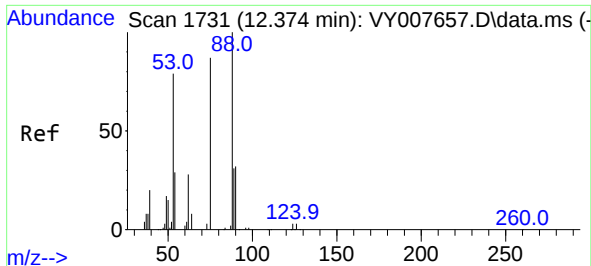
Tgt Ion:152 Resp: 183582
 Ion Ratio Lower Upper
 152 100
 115 54.7 28.2 84.7
 150 157.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.252 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY007677.D
 Acq: 01 Mar 2022 19:20

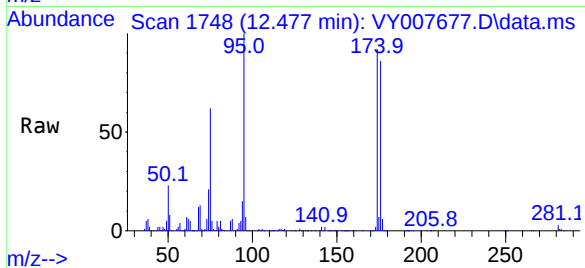
Tgt Ion: 75 Resp: 92774
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.511 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007677.D
 Acq: 01 Mar 2022 19:20

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 92774
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

