

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
 Data File : VY007676.D
 Acq On : 01 Mar 2022 18:57
 Operator : SY/MD
 Sample : N1722-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 02 07:52:37 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

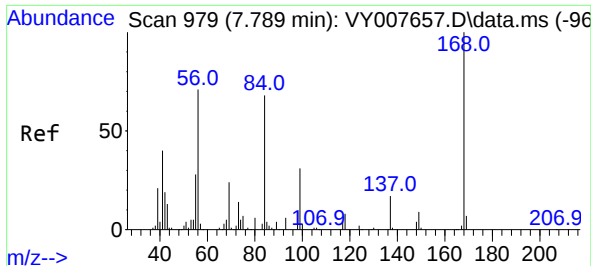
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	44427	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	70206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	63560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	28120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	23516	50.560	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.120%	
35) Dibromofluoromethane	7.722	113	23945	53.348	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.700%	
50) Toluene-d8	10.179	98	81405	49.270	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.540%	
62) 4-Bromofluorobenzene	12.483	95	24747	46.465	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.940%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.936	85	23	Below Cal	#	43
3) Chloromethane	2.113	50	669	Below Cal		97
5) Bromomethane	2.662	94	912	1.693	ug/l #	43
10) Methyl Iodide	4.101	142	599	1.059	ug/l #	53
13) Acrolein	3.826	56	23	Below Cal	#	14
16) Acetone	3.942	43	1327	14.025	ug/l #	82
17) Carbon Disulfide	4.192	76	137	Below Cal	#	75
18) Methyl Acetate	4.479	43	113	Below Cal	#	56
20) Methylene Chloride	4.716	84	1712	Below Cal	#	75
31) Cyclohexane	7.783	56	985	Below Cal	#	58
36) 1,1-Dichloropropene	7.783	75	3306	4.682	ug/l #	51
38) Carbon Tetrachloride	7.789	117	4277	5.679	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	13698	43.620	ug/l #	100
77) Bromobenzene	12.386	156	6326	12.537	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.477	75	13698	89.174	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.007	180	876	1.552	ug/l #	78
95) Naphthalene	15.239	128	2331	2.030	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.416	180	678	1.348	ug/l	90

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

Quant Time: Mar 02 07:52:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
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QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration

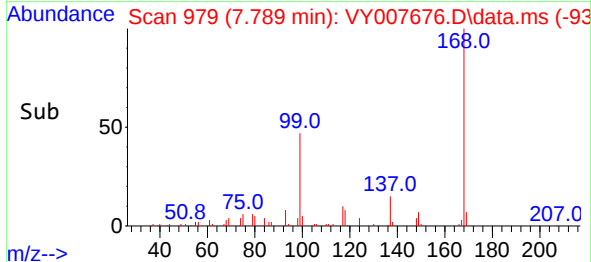
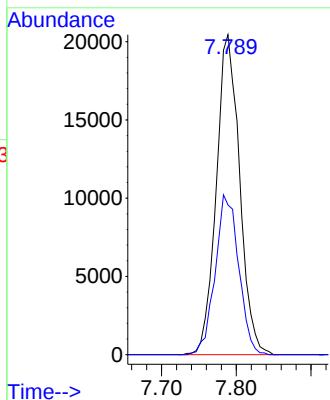
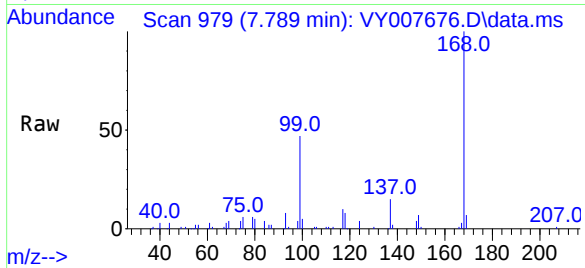




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007676.D
Acq: 01 Mar 2022 18:57

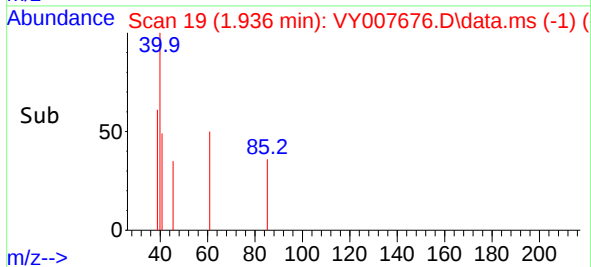
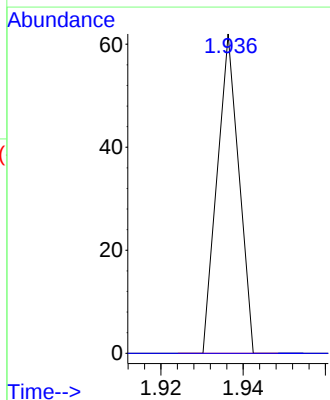
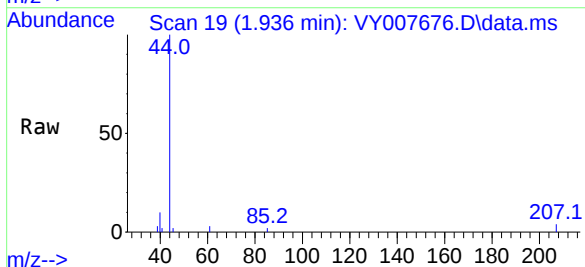
Instrument :
MSVOA_Y
ClientSampleId :

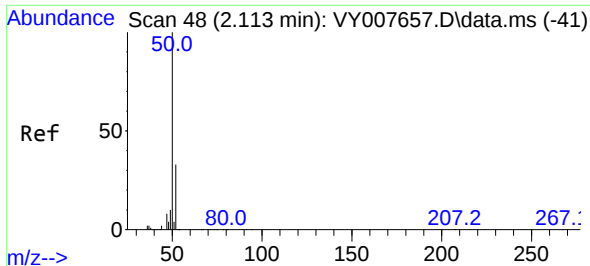
Tgt Ion:168 Resp: 44427
Ion Ratio Lower Upper
168 100
99 46.8 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.936 min Scan# 19
Delta R.T. 0.030 min
Lab File: VY007676.D
Acq: 01 Mar 2022 18:57

Tgt Ion: 85 Resp: 23
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

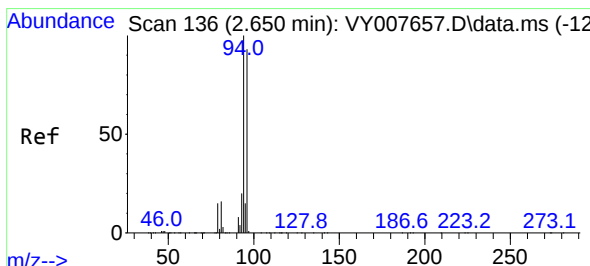
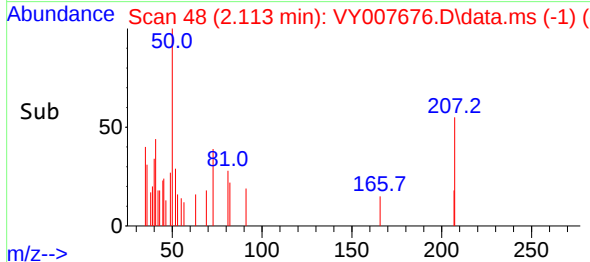
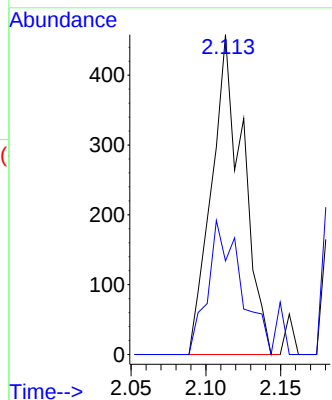
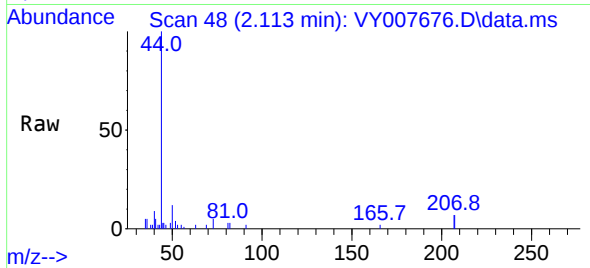




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007676.D
Acq: 01 Mar 2022 18:57

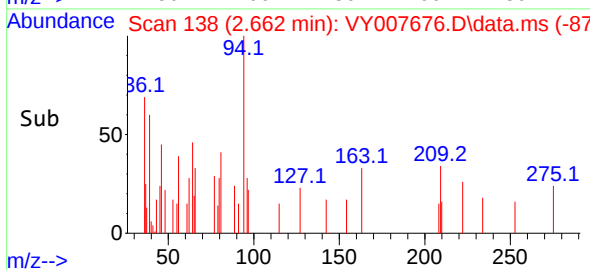
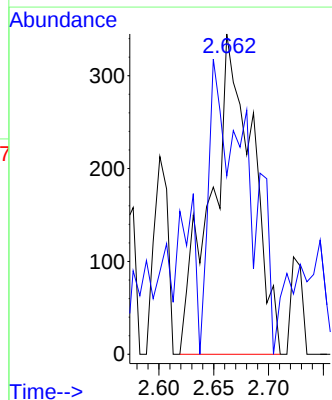
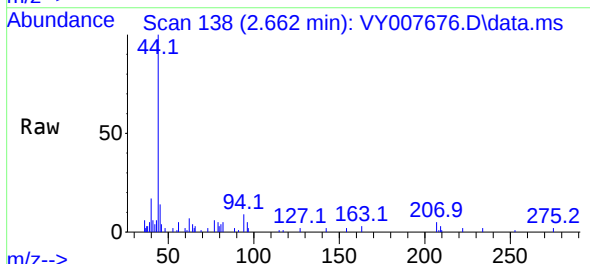
Instrument :
MSVOA_Y
ClientSampleId :

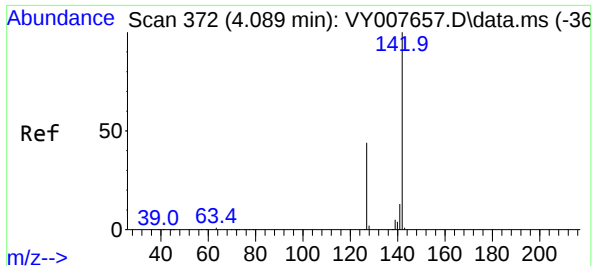
Tgt Ion: 50 Resp: 669
Ion Ratio Lower Upper
50 100
52 29.3 24.6 37.0



#5
Bromomethane
Concen: 1.693 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY007676.D
Acq: 01 Mar 2022 18:57

Tgt Ion: 94 Resp: 912
Ion Ratio Lower Upper
94 100
96 38.0 73.5 110.3#





#10

Methyl Iodide

Concen: 1.059 ug/l

RT: 4.101 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY007676.D

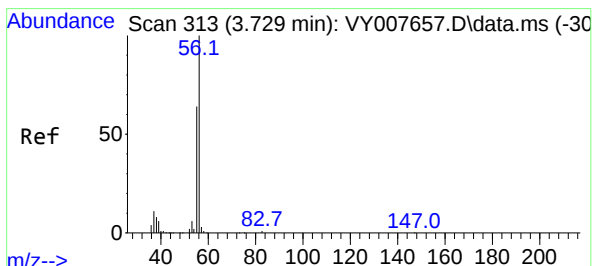
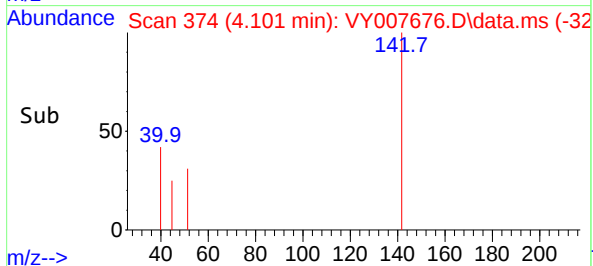
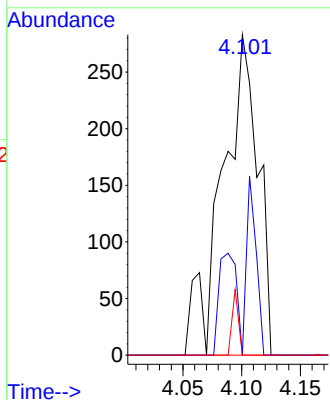
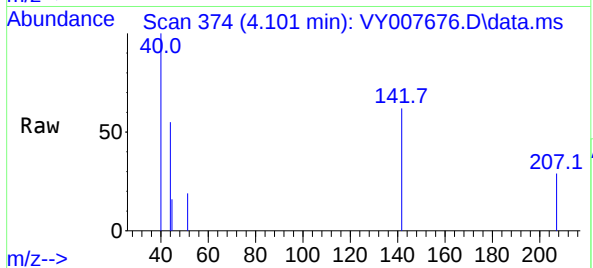
Acq: 01 Mar 2022 18:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	142	Resp:	599
Ion	Ratio	Lower	Upper
142	100		
127	15.0	41.5	62.3#
141	3.5	11.9	17.9#



#13

Acrolein

Concen: Below Cal

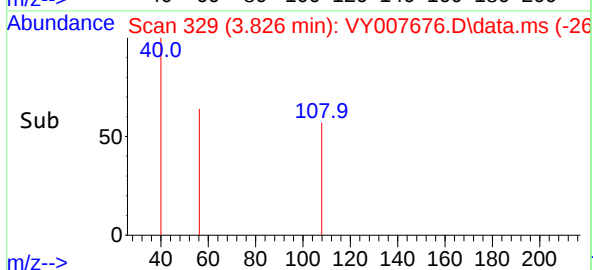
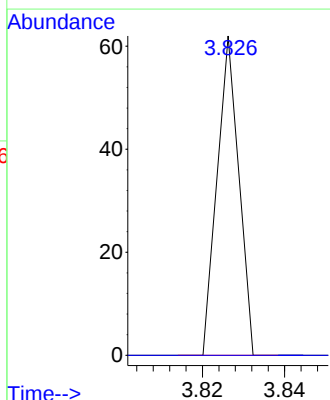
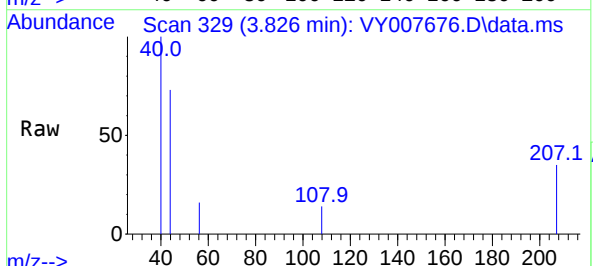
RT: 3.826 min Scan# 329

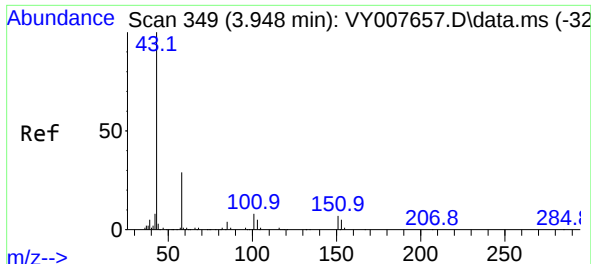
Delta R.T. 0.097 min

Lab File: VY007676.D

Acq: 01 Mar 2022 18:57

Tgt Ion:	56	Resp:	23
Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.6	86.4#

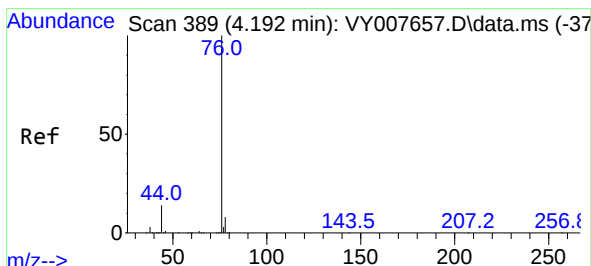
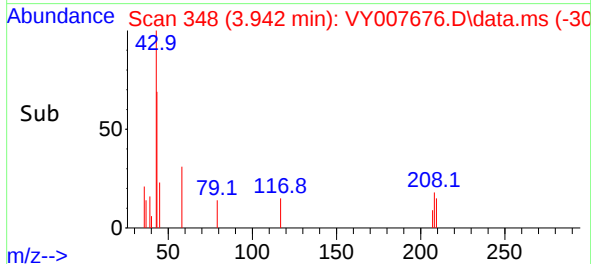
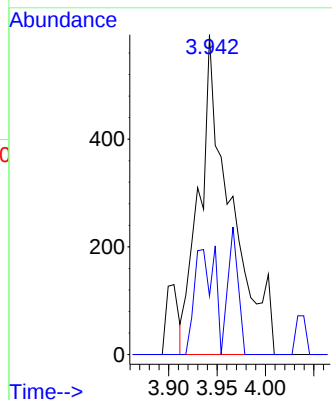
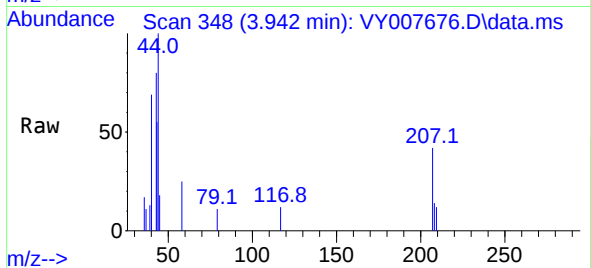




#16
Acetone
Concen: 14.025 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY007676.D
Acq: 01 Mar 2022 18:57

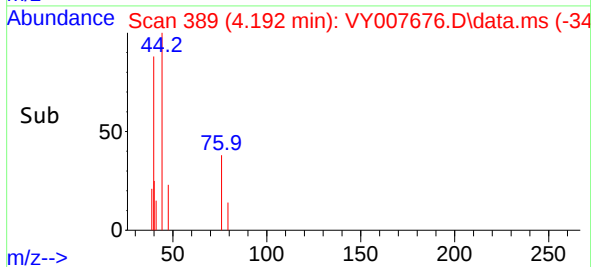
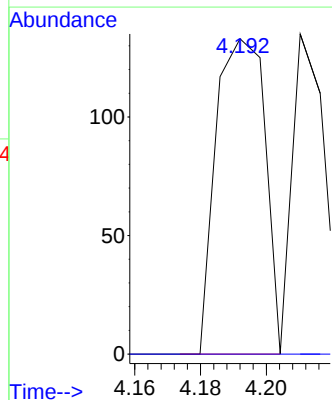
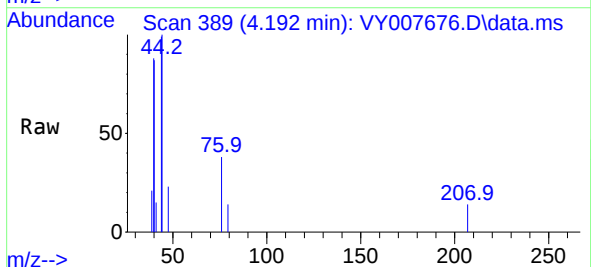
Instrument :
MSVOA_Y
ClientSampleId :

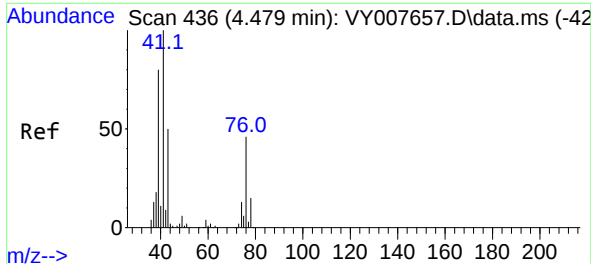
Tgt Ion: 43 Resp: 1327
Ion Ratio Lower Upper
43 100
58 18.4 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY007676.D
Acq: 01 Mar 2022 18:57

Tgt Ion: 76 Resp: 137
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.479 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY007676.D

Acq: 01 Mar 2022 18:57

Instrument :

MSVOA_Y

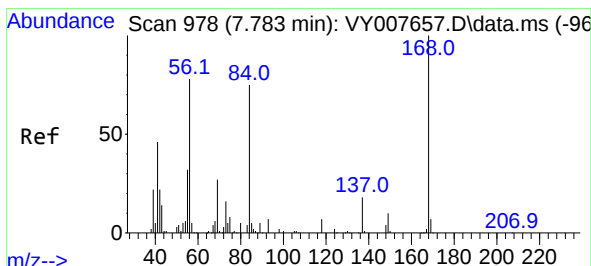
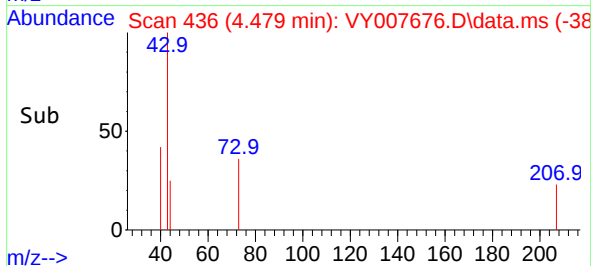
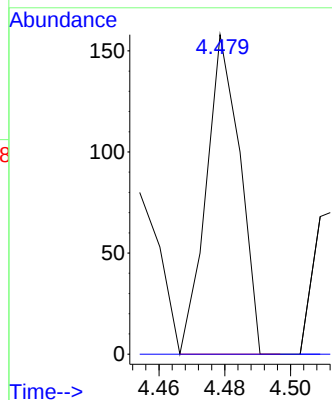
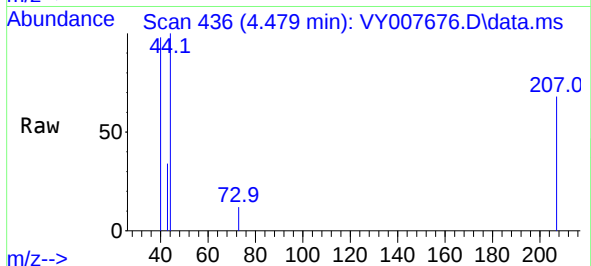
ClientSampleId :

Tgt Ion: 43 Resp: 113

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#31

Cyclohexane

Concen: Below Cal

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY007676.D

Acq: 01 Mar 2022 18:57

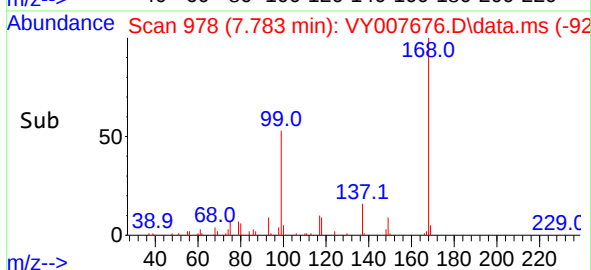
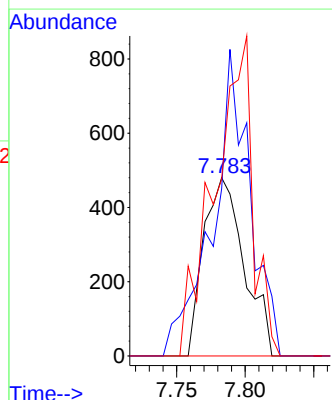
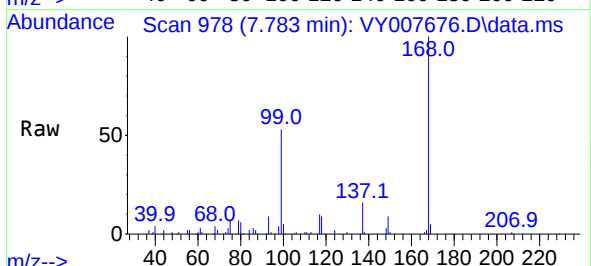
Tgt Ion: 56 Resp: 985

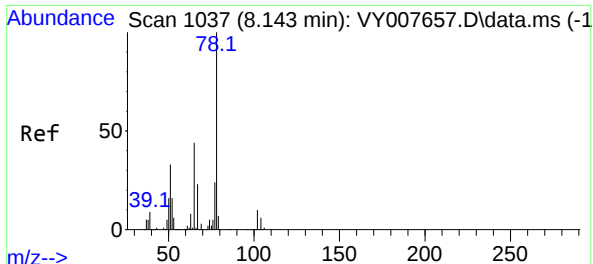
Ion Ratio Lower Upper

56 100

69 93.8 26.7 40.1#

84 99.2 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 50.560 ug/l

RT: 8.136 min Scan# 1037

Delta R.T. -0.007 min

Lab File: VY007676.D

Acq: 01 Mar 2022 18:57

Instrument :

MSVOA_Y

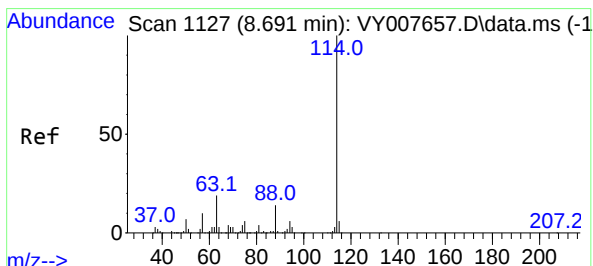
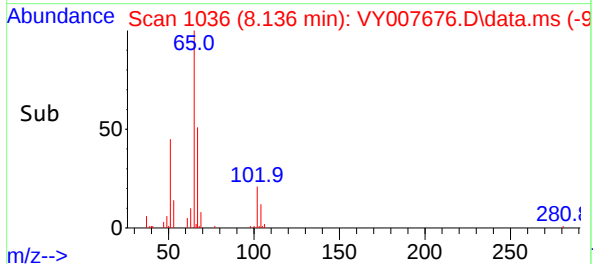
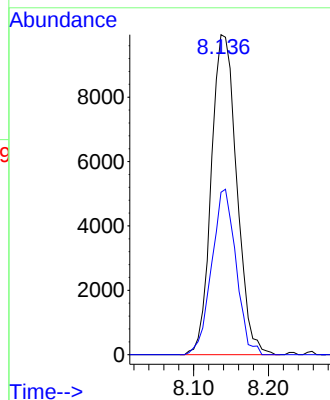
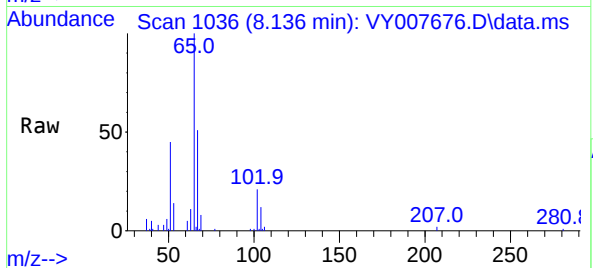
ClientSampleId :

Tgt Ion: 65 Resp: 23516

Ion Ratio Lower Upper

65 100

67 49.4 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: VY007676.D

Acq: 01 Mar 2022 18:57

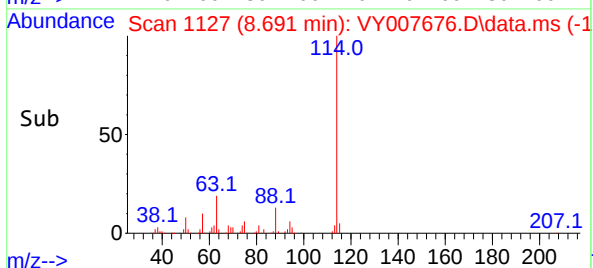
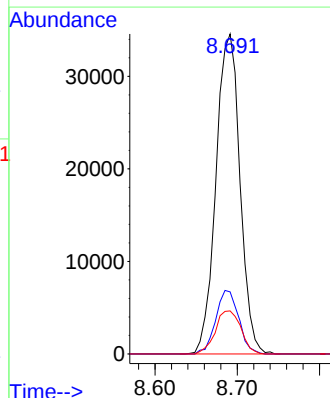
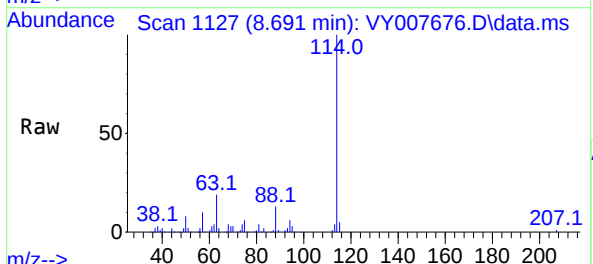
Tgt Ion: 114 Resp: 70206

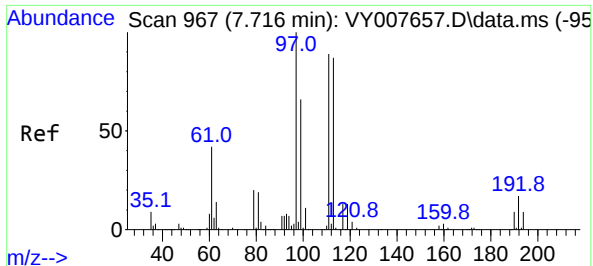
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

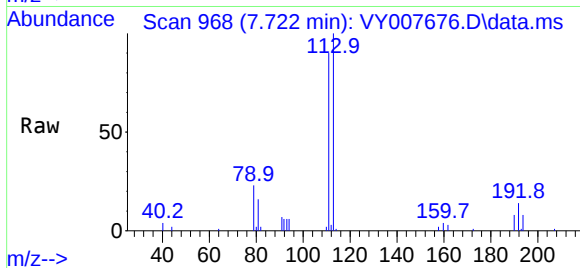
88 13.4 0.0 31.8



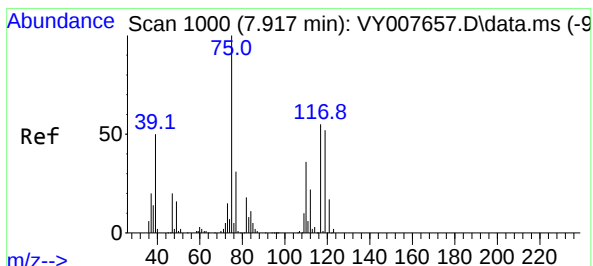
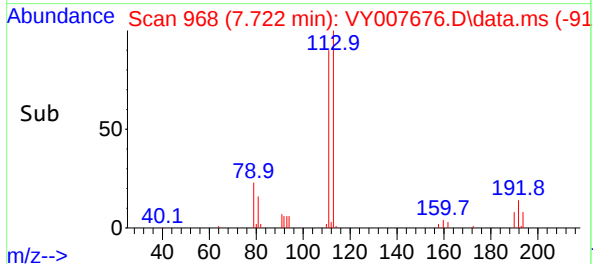
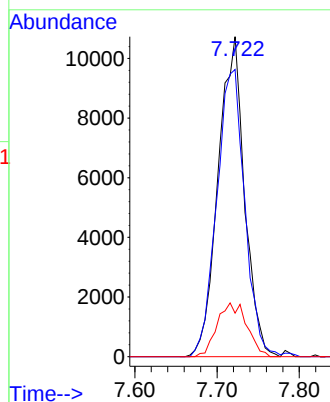


#35
Dibromofluoromethane
Concen: 53.348 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007676.D
Acq: 01 Mar 2022 18:57

Instrument :
MSVOA_Y
ClientSampleId :

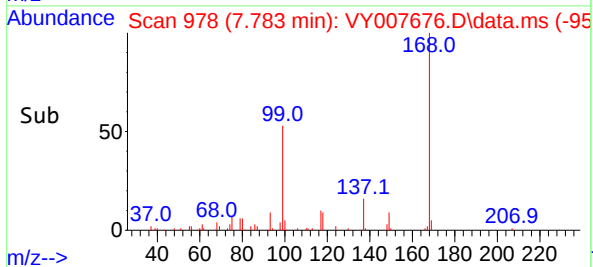
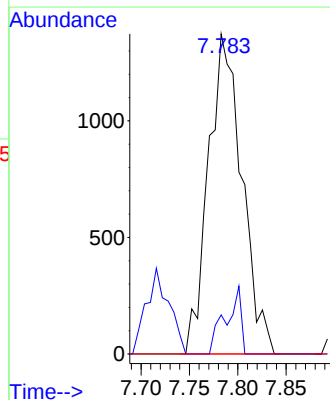
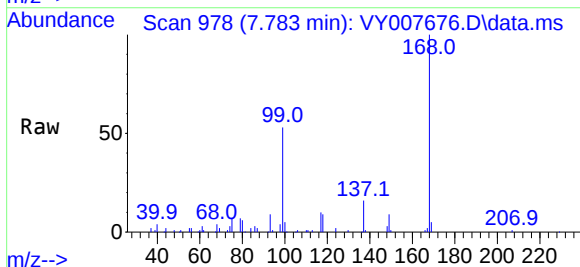


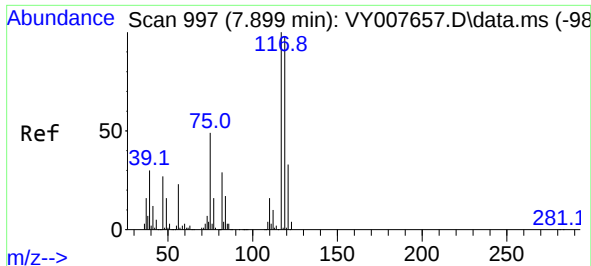
Tgt Ion:113 Resp: 23945
Ion Ratio Lower Upper
113 100
111 95.6 82.6 124.0
192 18.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.682 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY007676.D
Acq: 01 Mar 2022 18:57

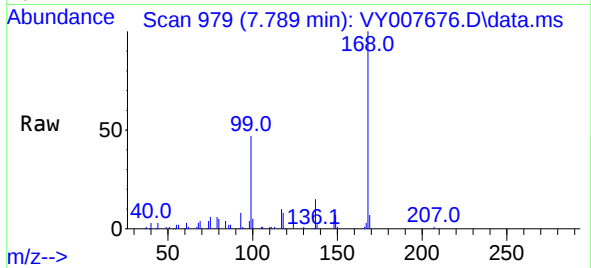
Tgt Ion: 75 Resp: 3306
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#



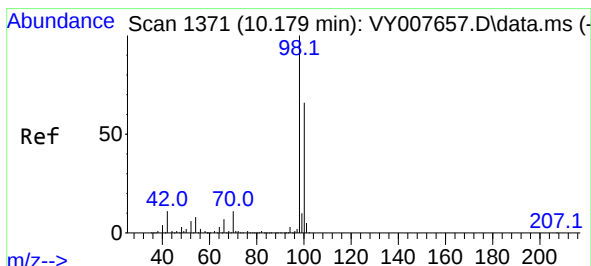
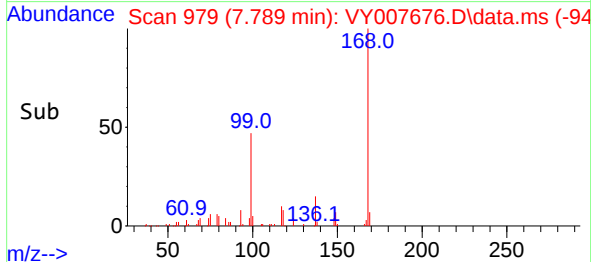
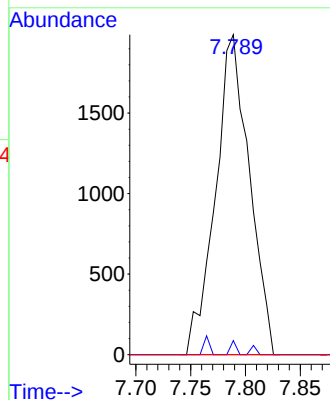


#38
Carbon Tetrachloride
Concen: 5.679 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007676.D
Acq: 01 Mar 2022 18:57

Instrument :
MSVOA_Y
ClientSampleId :

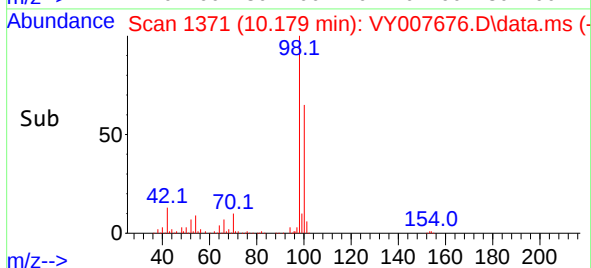
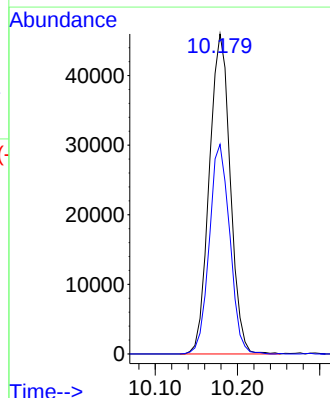
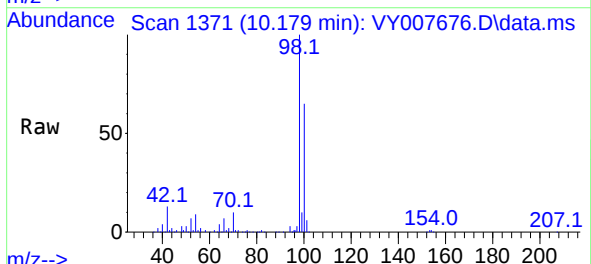


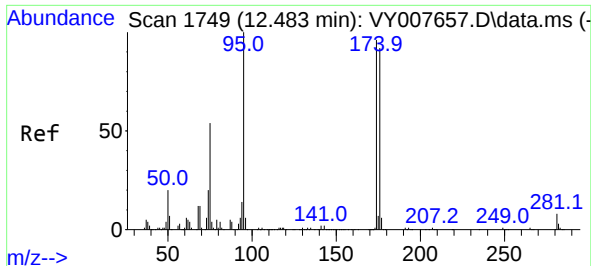
Tgt Ion:117 Resp: 4277
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.270 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007676.D
Acq: 01 Mar 2022 18:57

Tgt Ion: 98 Resp: 81405
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

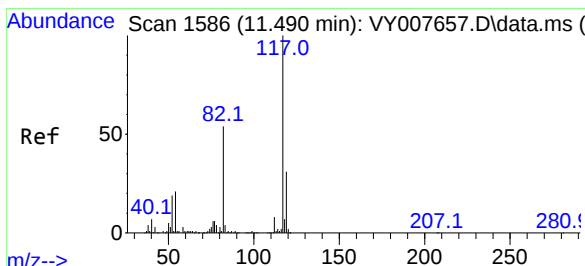
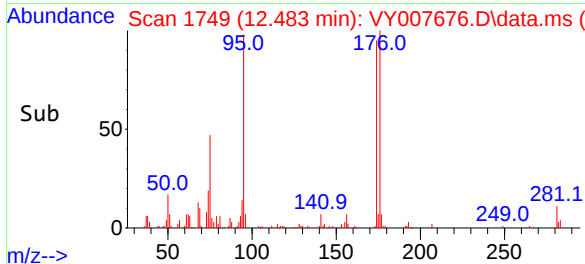
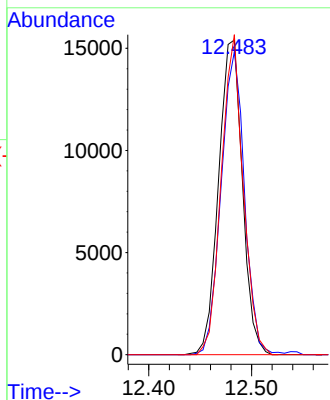
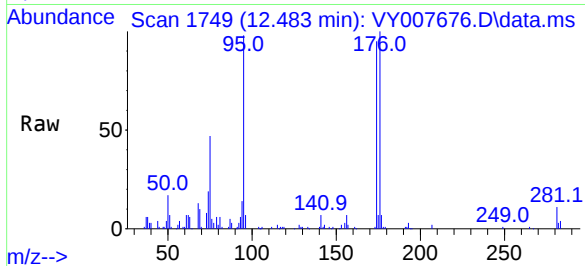




#62
4-Bromofluorobenzene
Concen: 46.465 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007676.D
Acq: 01 Mar 2022 18:57

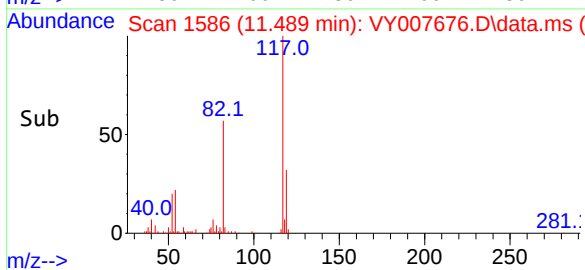
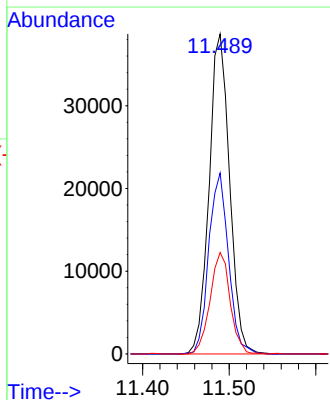
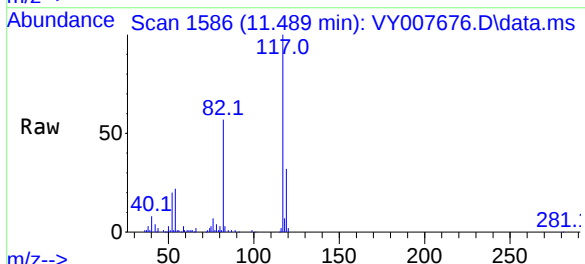
Instrument :
MSVOA_Y
ClientSampleId :

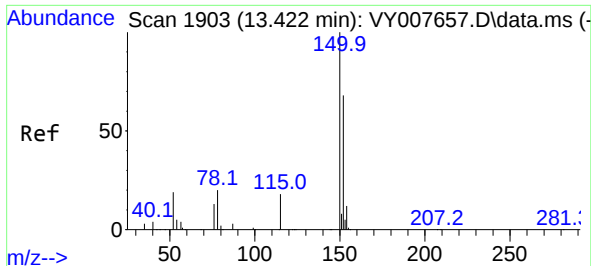
Tgt Ion: 95 Resp: 24747
Ion Ratio Lower Upper
95 100
174 94.4 0.0 177.0
176 93.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007676.D
Acq: 01 Mar 2022 18:57

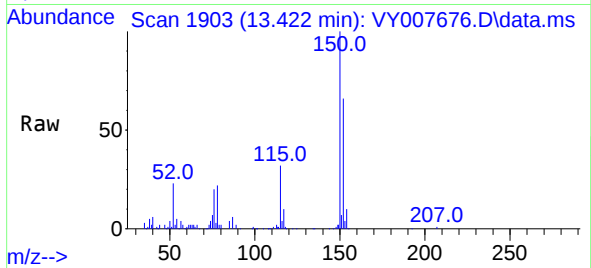
Tgt Ion: 117 Resp: 63560
Ion Ratio Lower Upper
117 100
82 56.5 43.0 64.4
119 31.7 25.4 38.0



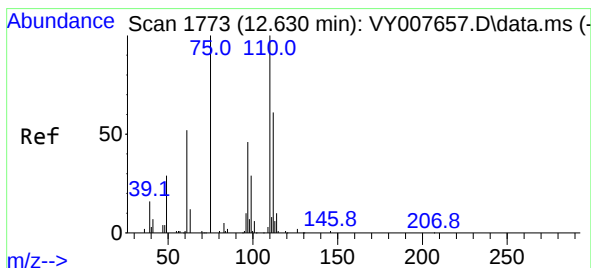
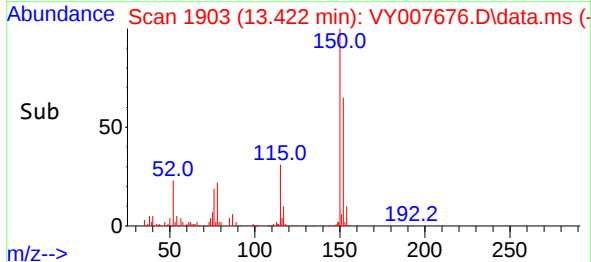
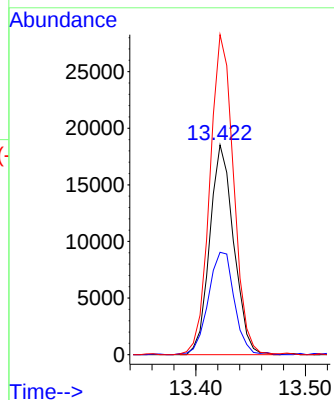


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007676.D
 Acq: 01 Mar 2022 18:57

Instrument :
 MSVOA_Y
 ClientSampleId :

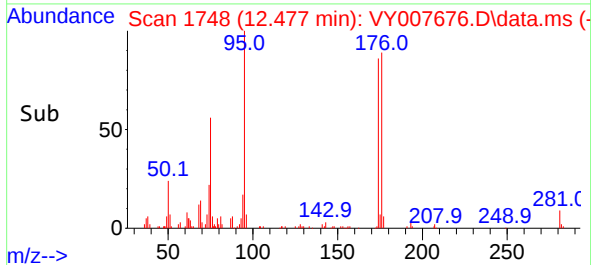
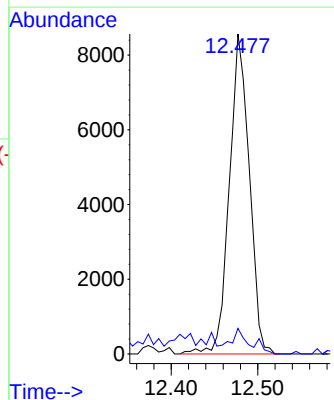
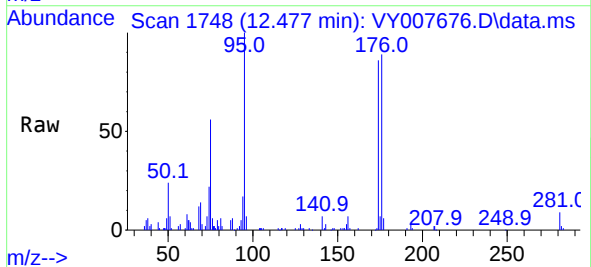


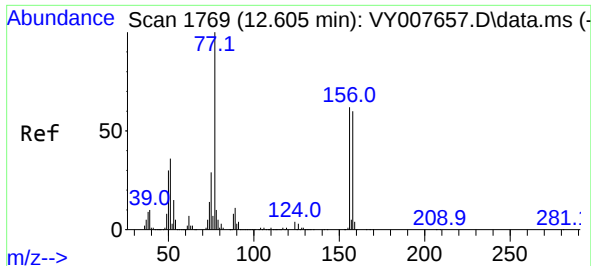
Tgt Ion:152 Resp: 28120
 Ion Ratio Lower Upper
 152 100
 115 53.2 28.2 84.7
 150 151.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.620 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY007676.D
 Acq: 01 Mar 2022 18:57

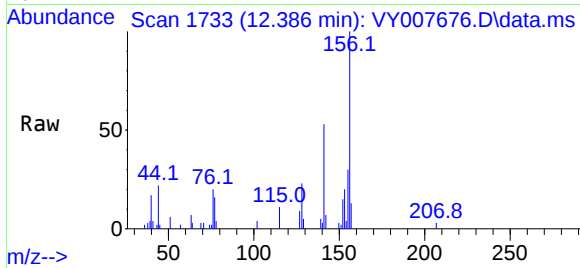
Tgt Ion: 75 Resp: 13698
 Ion Ratio Lower Upper
 75 100
 77 3.0 0.0 0.0#



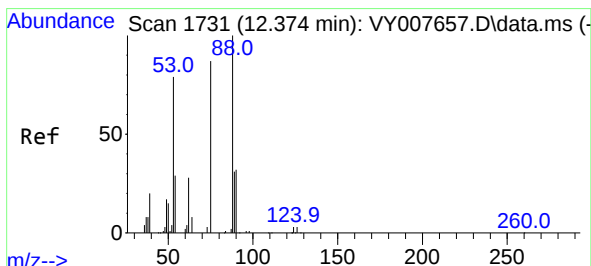
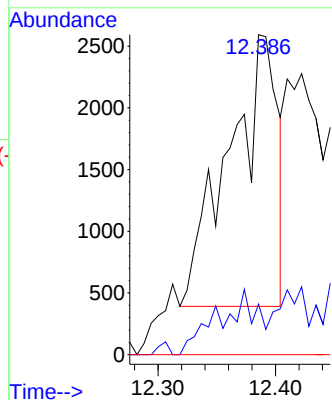
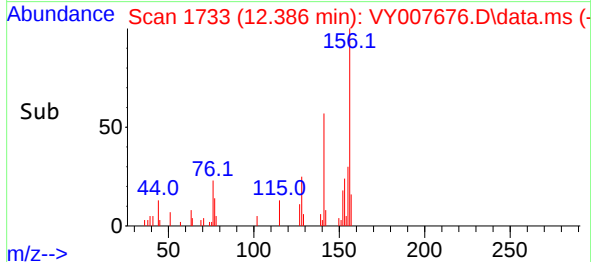


#77
Bromobenzene
Concen: 12.537 ug/l
RT: 12.386 min Scan# 1748
Delta R.T. -0.219 min
Lab File: VY007676.D
Acq: 01 Mar 2022 18:57

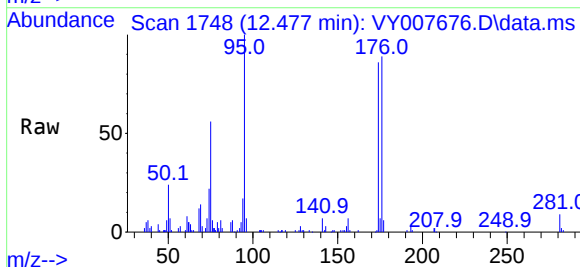
Instrument :
MSVOA_Y
ClientSampleId :



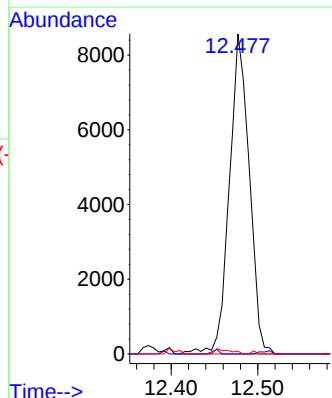
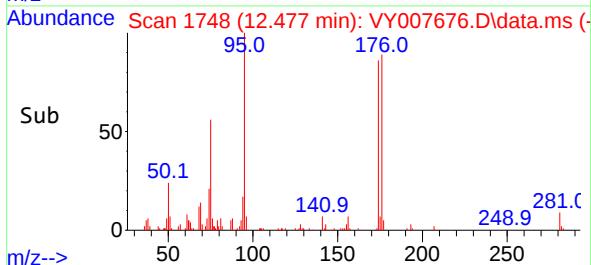
Tgt Ion:156 Resp: 6326
Ion Ratio Lower Upper
156 100
77 7.5 95.5 286.4#
158 0.0 48.0 144.0#

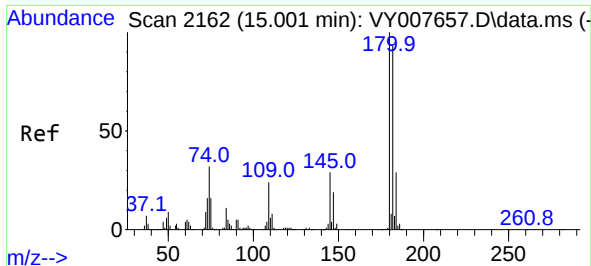


#81
trans-1,4-Dichloro-2-butene
Concen: 89.174 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY007676.D
Acq: 01 Mar 2022 18:57



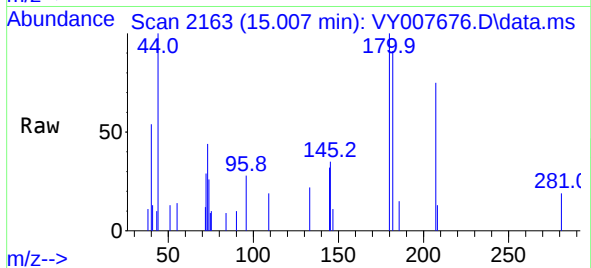
Tgt Ion: 75 Resp: 13698
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



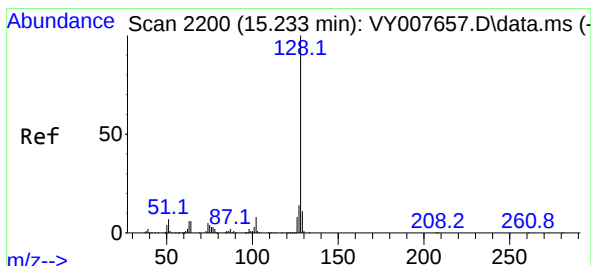
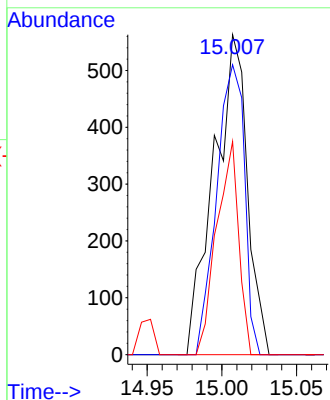
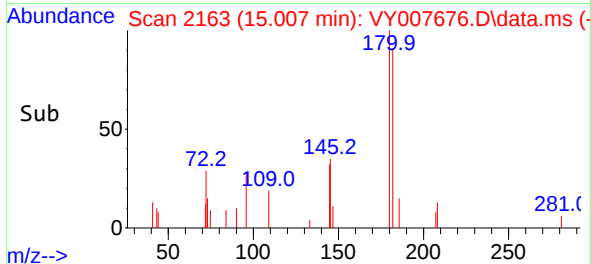


#93
1,2,4-Trichlorobenzene
Concen: 1.552 ug/l
RT: 15.007 min Scan# 2162
Delta R.T. 0.006 min
Lab File: VY007676.D
Acq: 01 Mar 2022 18:57

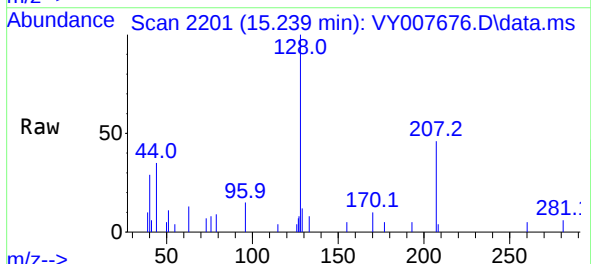
Instrument :
MSVOA_Y
ClientSampleId :



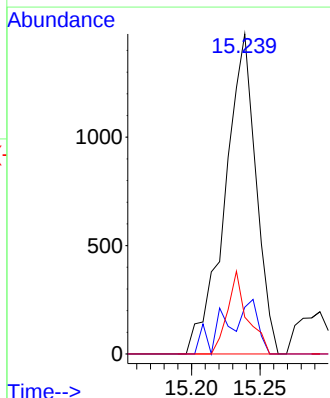
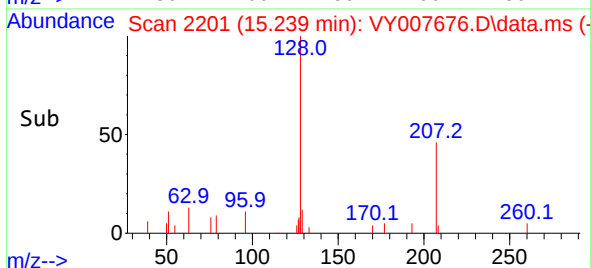
Tgt Ion:180 Resp: 876
Ion Ratio Lower Upper
180 100
182 75.2 47.3 141.9
145 43.8 14.6 43.8#

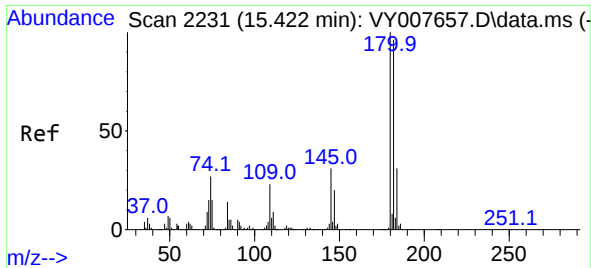


#95
Naphthalene
Concen: 2.030 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY007676.D
Acq: 01 Mar 2022 18:57



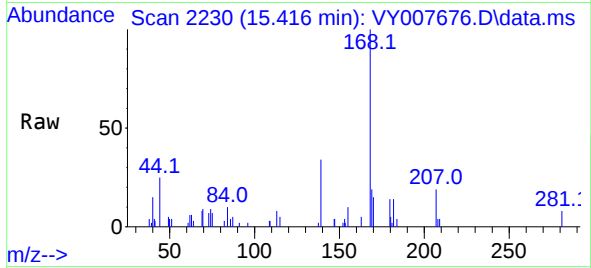
Tgt Ion:128 Resp: 2331
Ion Ratio Lower Upper
128 100
127 17.8 11.0 16.4#
129 16.6 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.348 ug/l
 RT: 15.416 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY007676.D
 Acq: 01 Mar 2022 18:57

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	678
Ion	Ratio	Lower	Upper
180	100		
182	102.8	47.3	141.9
145	23.2	15.3	45.9

