

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
 Data File : VY007678.D
 Acq On : 01 Mar 2022 19:44
 Operator : SY/MD
 Sample : N1722-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 02 07:53:08 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)

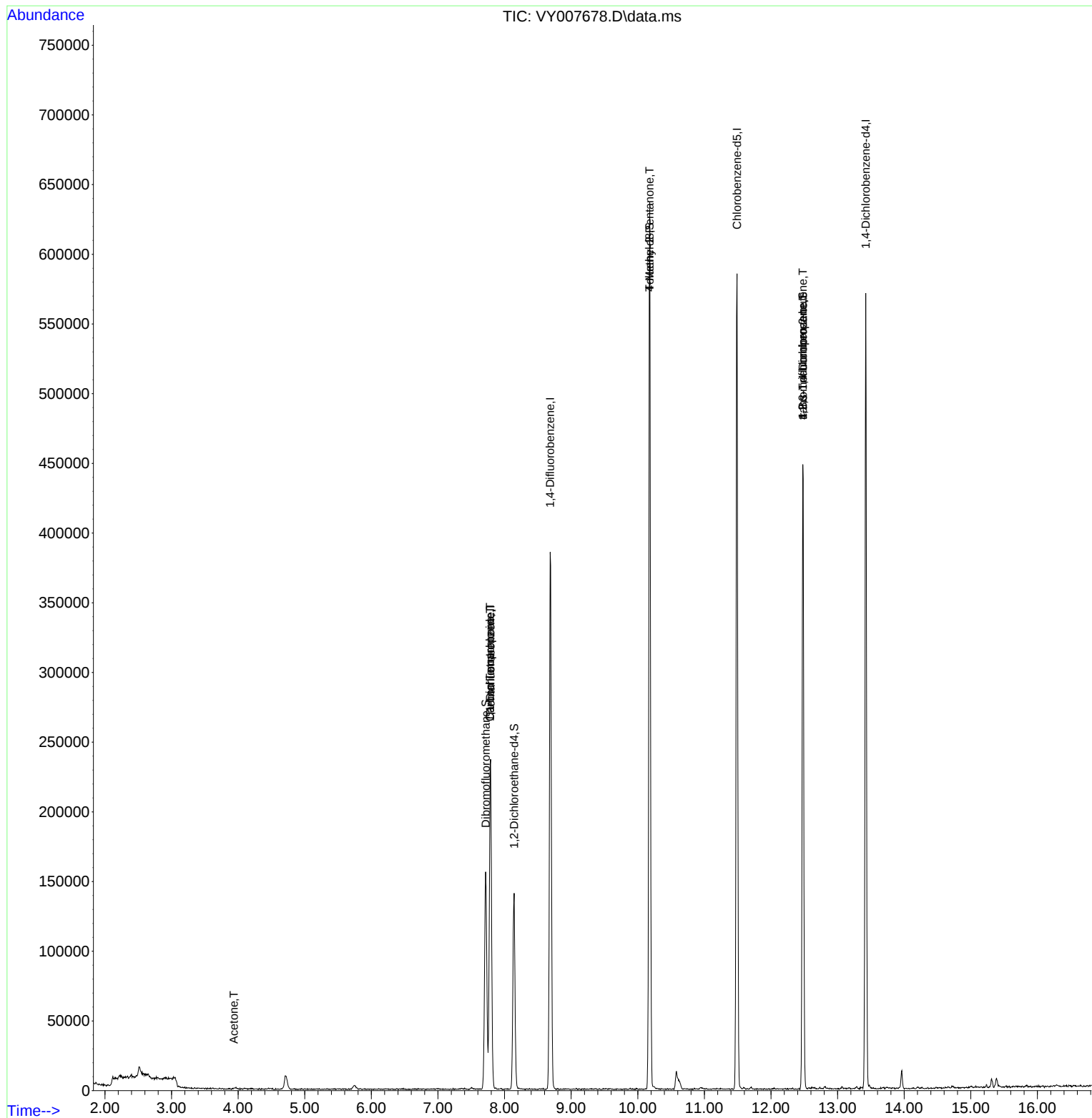
Internal Standards						
1) Pentafluorobenzene	7.789	168	186952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	336076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	313999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	106257	54.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.580%	
35) Dibromofluoromethane	7.716	113	107606	50.081	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.160%	
50) Toluene-d8	10.179	98	410805	51.940	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.880%	
62) 4-Bromofluorobenzene	12.477	95	126410	49.582	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.160%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	31	Below Cal	#	43
3) Chloromethane	2.107	50	1642	Below Cal	#	79
13) Acrolein	3.717	56	83	Below Cal	#	45
16) Acetone	3.936	43	1429	3.589	ug/l #	87
17) Carbon Disulfide	4.186	76	39	Below Cal	#	75
18) Methyl Acetate	4.479	43	346	Below Cal	#	72
20) Methylene Chloride	4.723	84	7421	Below Cal	#	72
31) Cyclohexane	7.783	56	4410	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	15142	4.480	ug/l #	52
38) Carbon Tetrachloride	7.783	117	18822	5.220	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1885	1.020	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	69888	45.060	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	69888	92.119	ug/l #	7

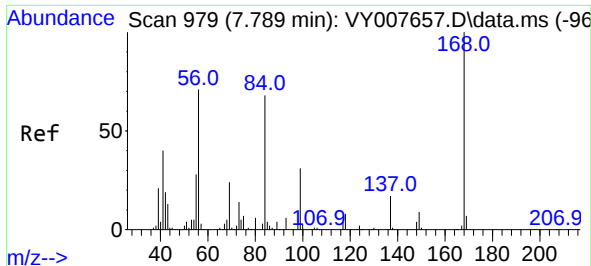
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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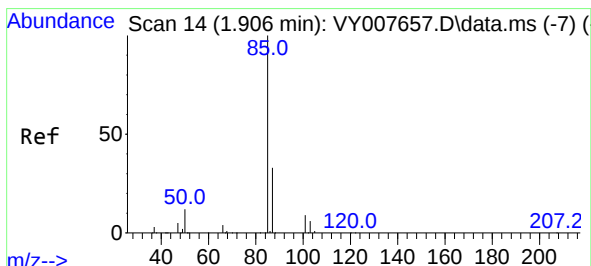
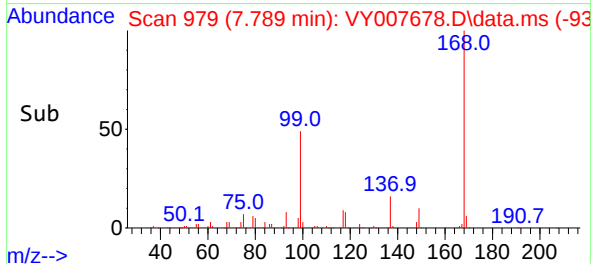
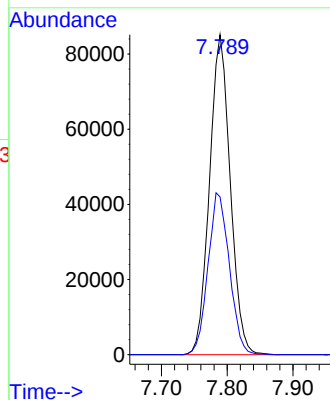
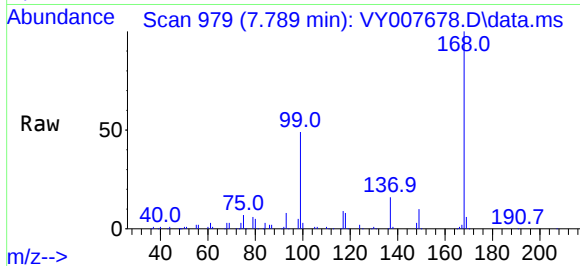




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007678.D
Acq: 01 Mar 2022 19:44

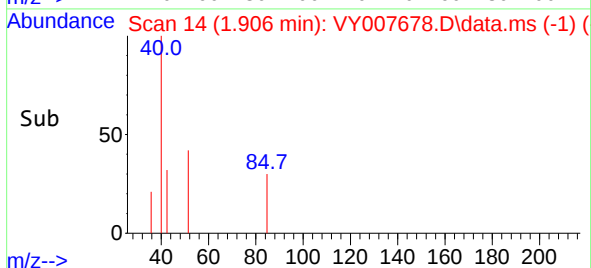
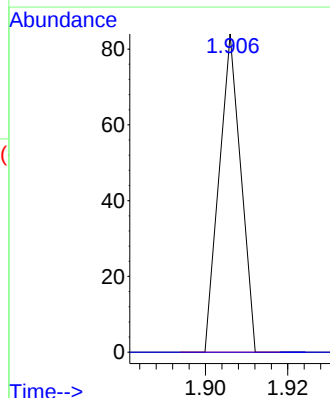
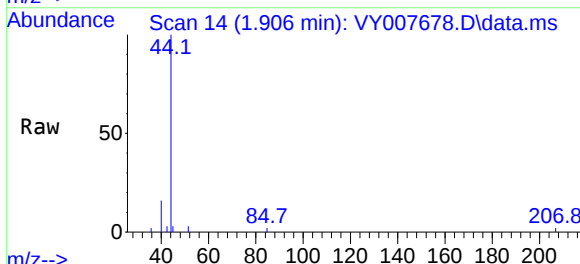
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 186952
Ion Ratio Lower Upper
168 100
99 49.3 46.9 70.3

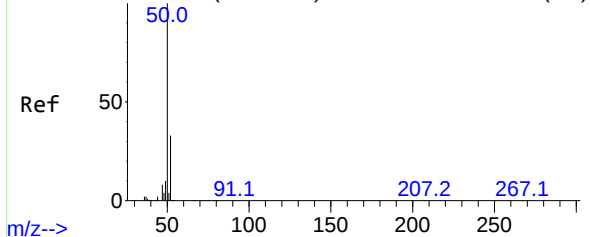


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007678.D
Acq: 01 Mar 2022 19:44

Tgt Ion: 85 Resp: 31
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: 2.107 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY007678.D

Acq: 01 Mar 2022 19:44

Instrument :

MSVOA_Y

ClientSampleId :

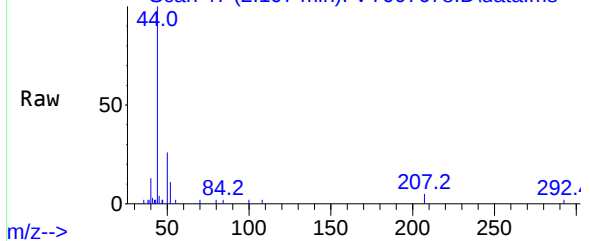
Tgt Ion: 50 Resp: 1642

Ion Ratio Lower Upper

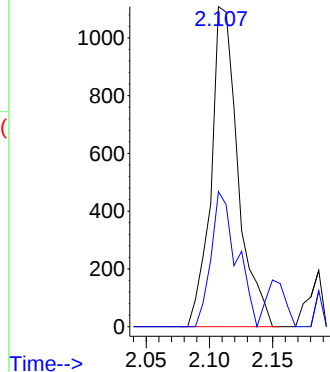
50 100

52 42.2 24.6 37.0#

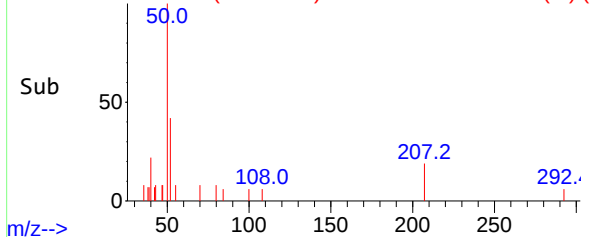
Abundance Scan 47 (2.107 min): VY007678.D\data.ms



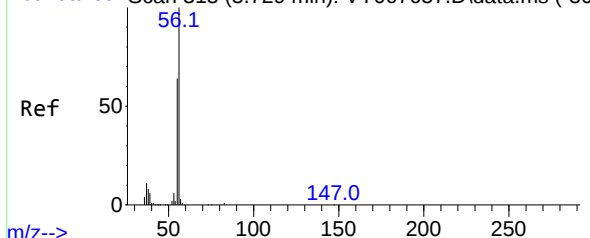
Abundance



Abundance Scan 47 (2.107 min): VY007678.D\data.ms (-1)



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



#13

Acrolein

Concen: Below Cal

RT: 3.717 min Scan# 311

Delta R.T. -0.012 min

Lab File: VY007678.D

Acq: 01 Mar 2022 19:44

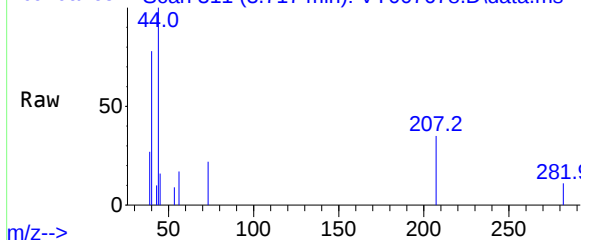
Tgt Ion: 56 Resp: 83

Ion Ratio Lower Upper

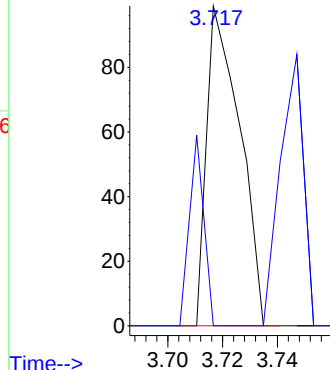
56 100

55 26.5 57.6 86.4#

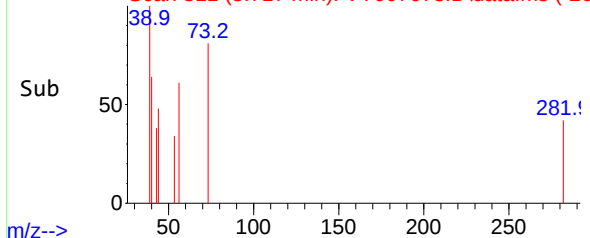
Abundance Scan 311 (3.717 min): VY007678.D\data.ms

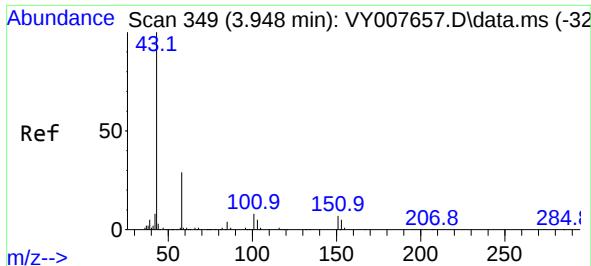


Abundance



Abundance Scan 311 (3.717 min): VY007678.D\data.ms (-26)

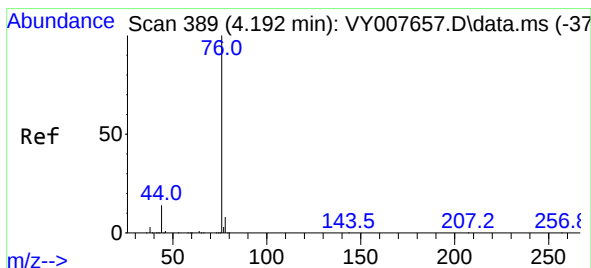
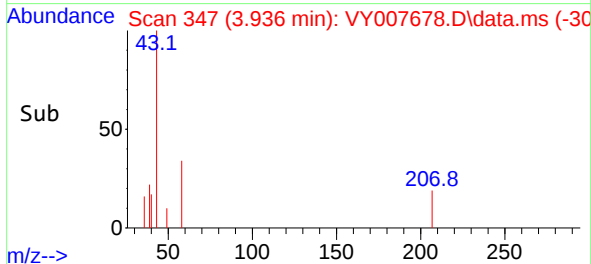
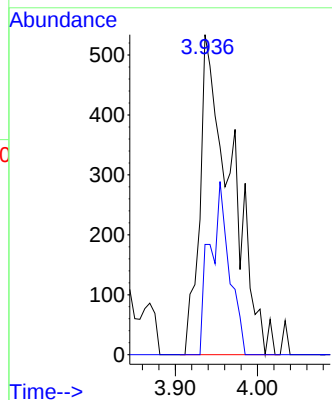
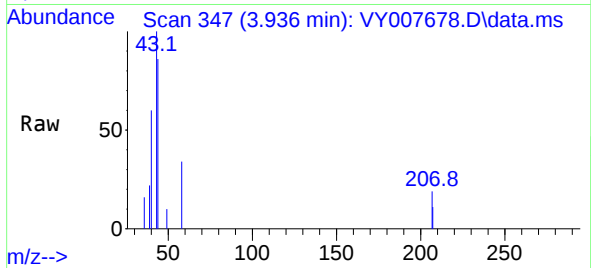




#16
Acetone
Concen: 3.589 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY007678.D
Acq: 01 Mar 2022 19:44

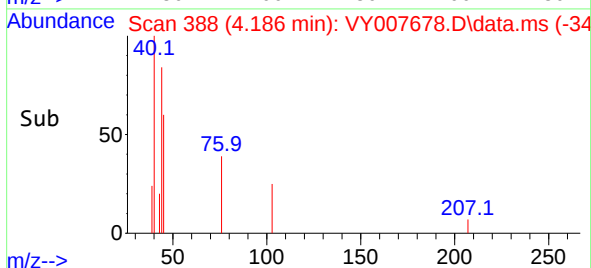
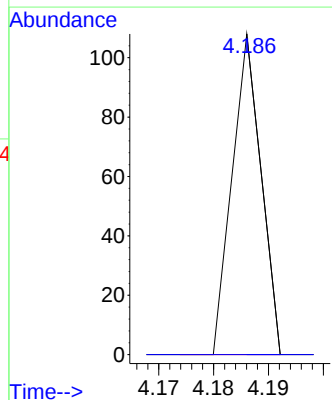
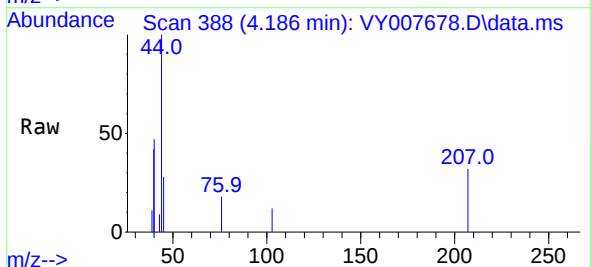
Instrument :
MSVOA_Y
ClientSampleId :

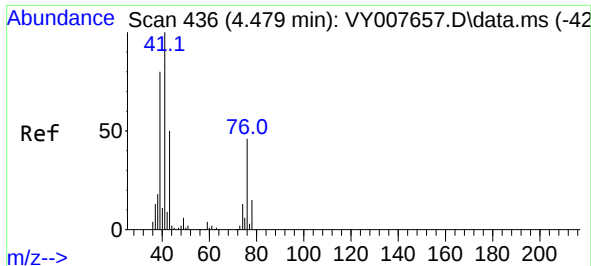
Tgt Ion: 43 Resp: 1429
Ion Ratio Lower Upper
43 100
58 34.5 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY007678.D
Acq: 01 Mar 2022 19:44

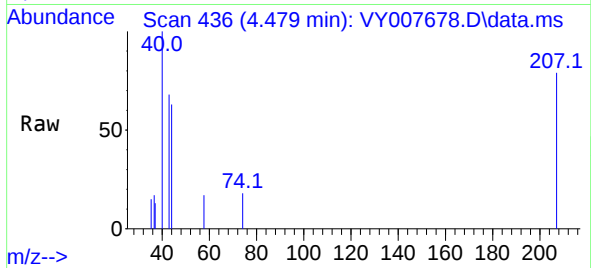
Tgt Ion: 76 Resp: 39
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



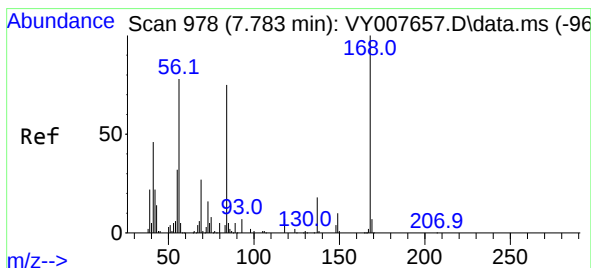
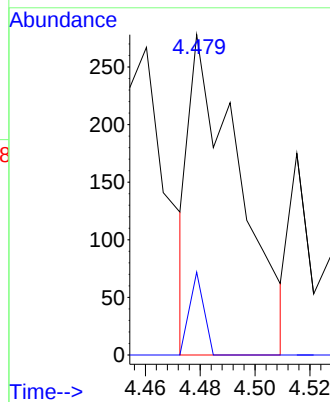
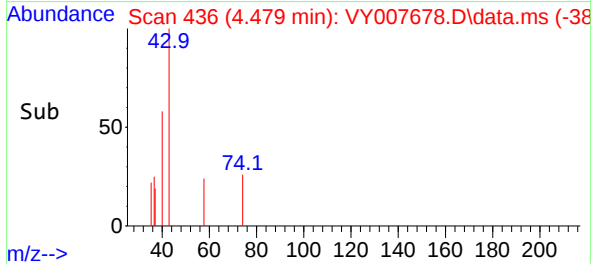


#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007678.D
Acq: 01 Mar 2022 19:44

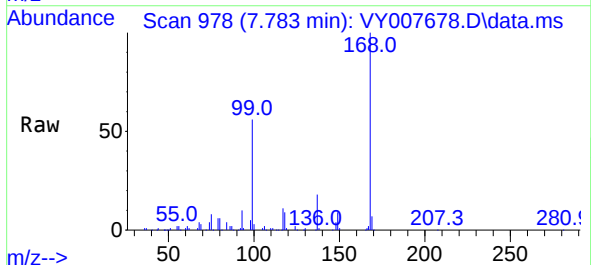
Instrument :
MSVOA_Y
ClientSampleId :



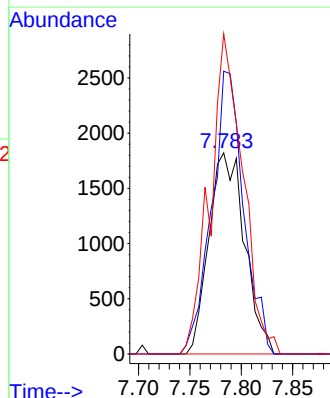
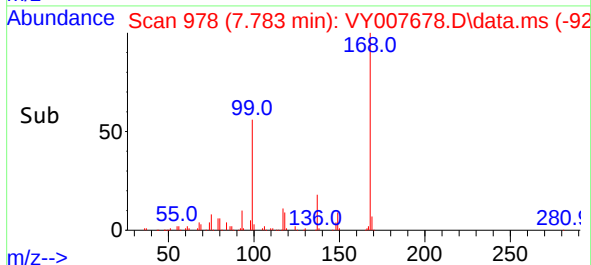
Tgt Ion: 43 Resp: 346
Ion Ratio Lower Upper
43 100
74 7.5 16.6 24.8#

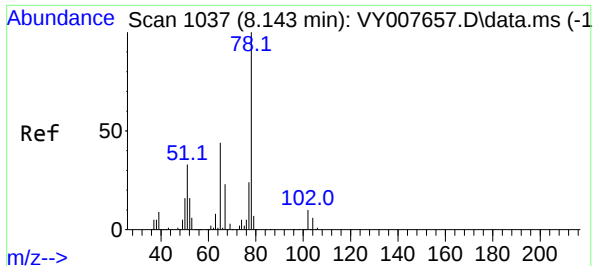


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY007678.D
Acq: 01 Mar 2022 19:44



Tgt Ion: 56 Resp: 4410
Ion Ratio Lower Upper
56 100
69 140.6 26.7 40.1#
84 159.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 54.290 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007678.D

Acq: 01 Mar 2022 19:44

Instrument :

MSVOA_Y

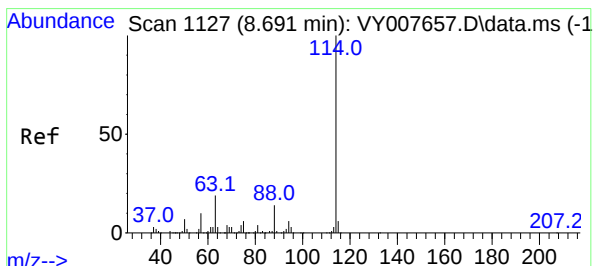
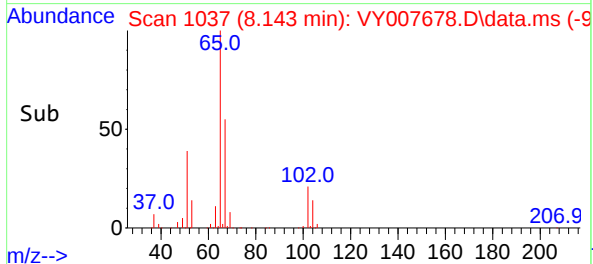
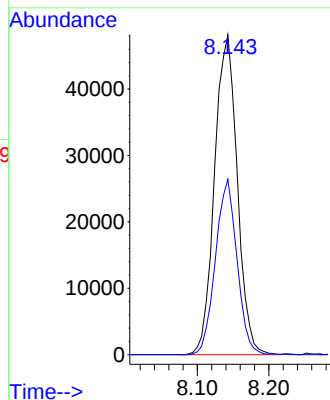
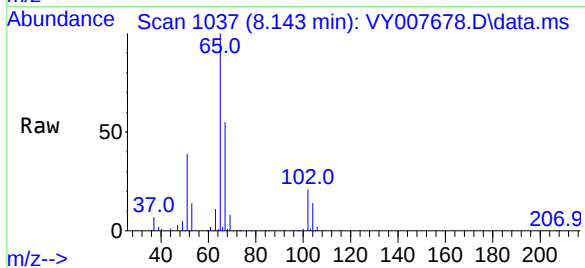
ClientSampleId :

Tgt Ion: 65 Resp: 106257

Ion Ratio Lower Upper

65 100

67 52.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007678.D

Acq: 01 Mar 2022 19:44

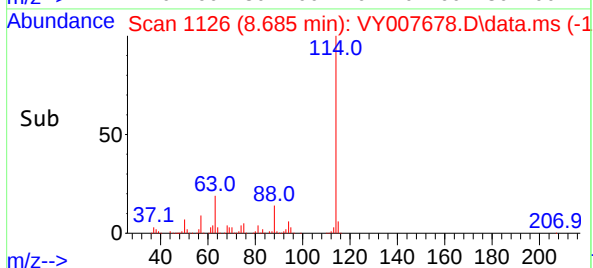
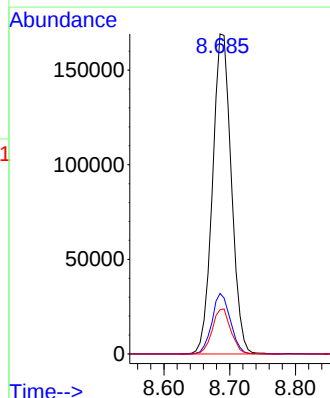
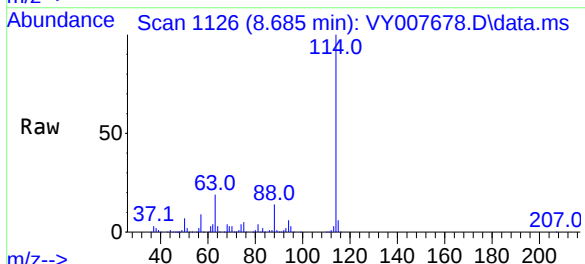
Tgt Ion: 114 Resp: 336076

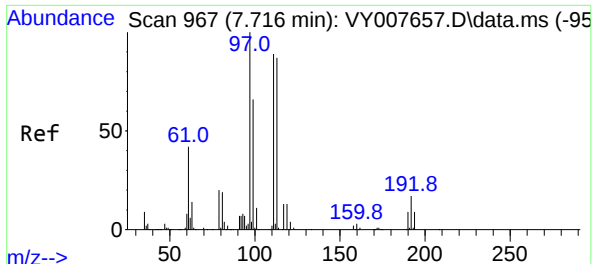
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 13.8 0.0 31.8

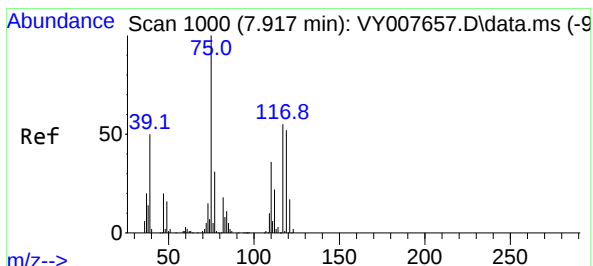
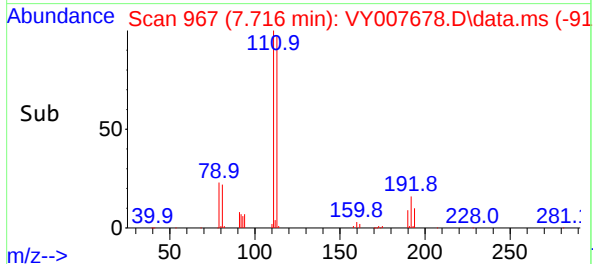
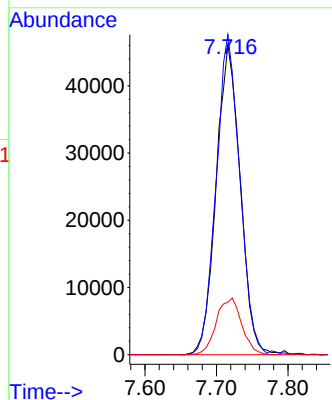
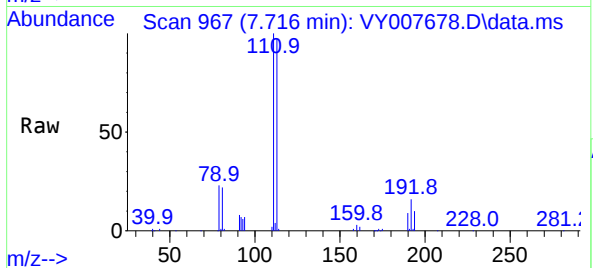




#35
Dibromofluoromethane
Concen: 50.081 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007678.D
Acq: 01 Mar 2022 19:44

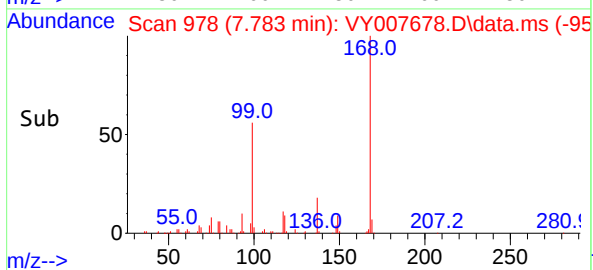
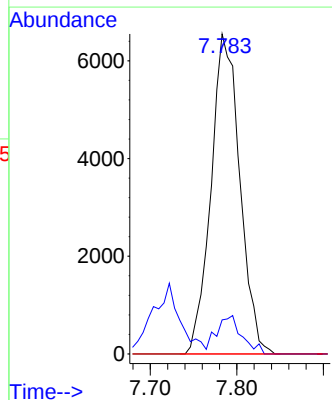
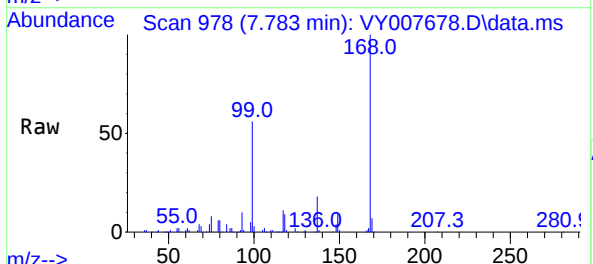
Instrument :
MSVOA_Y
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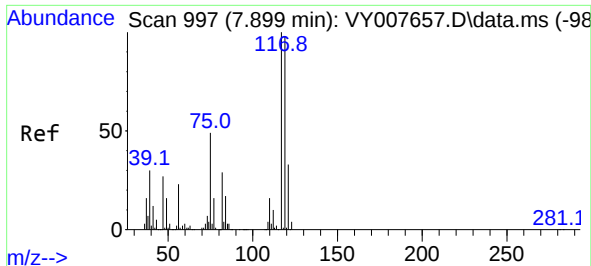
Tgt Ion:113 Resp: 107606
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.480 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY007678.D
Acq: 01 Mar 2022 19:44

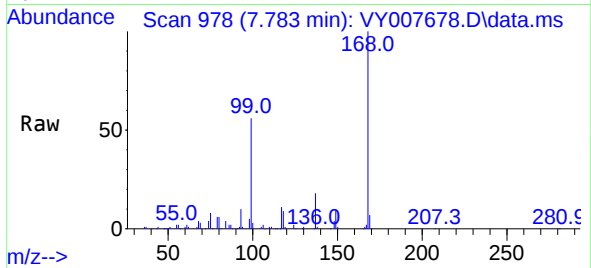
Tgt Ion: 75 Resp: 15142
Ion Ratio Lower Upper
75 100
110 10.4 17.1 51.2#
77 0.0 24.4 36.6#



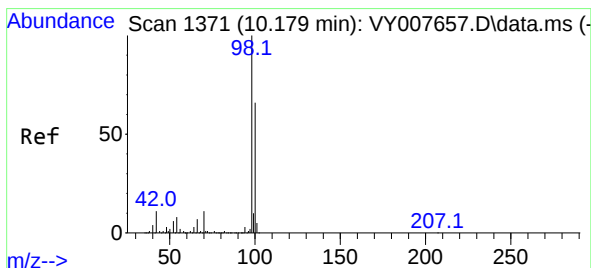
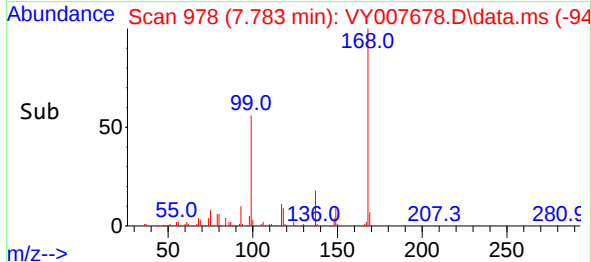
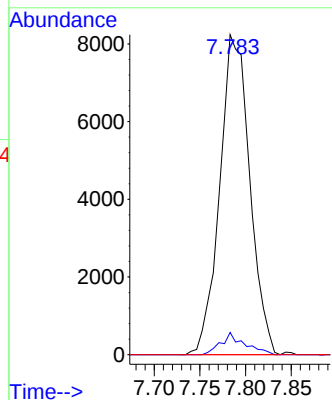


#38
Carbon Tetrachloride
Concen: 5.220 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007678.D
Acq: 01 Mar 2022 19:44

Instrument :
MSVOA_Y
ClientSampleId :

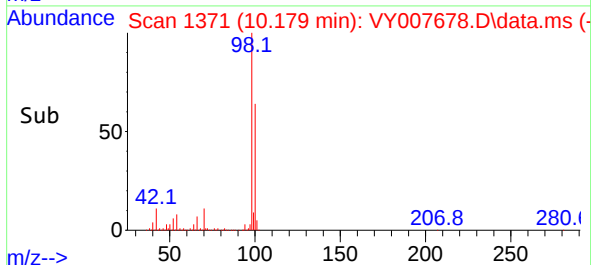
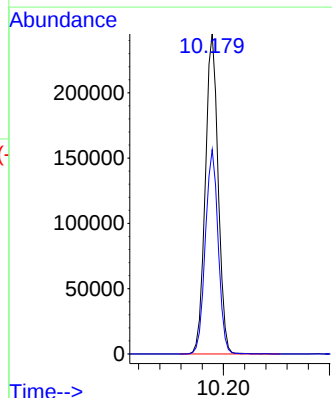
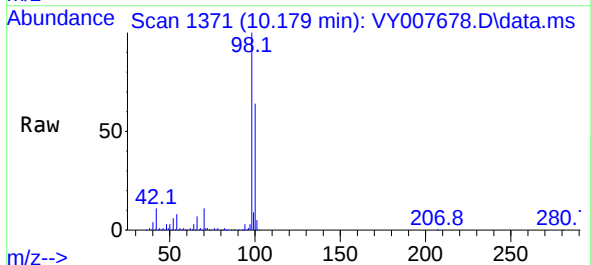


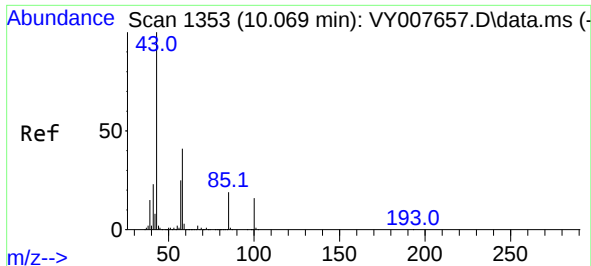
Tgt Ion:117 Resp: 18822
Ion Ratio Lower Upper
117 100
119 7.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.940 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007678.D
Acq: 01 Mar 2022 19:44

Tgt Ion: 98 Resp: 410805
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

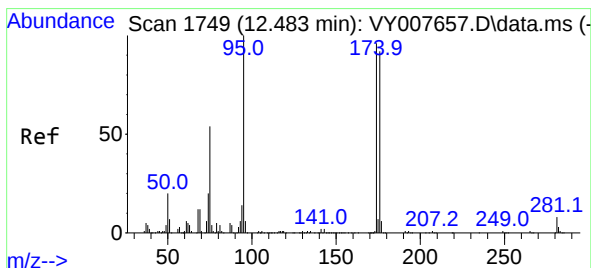
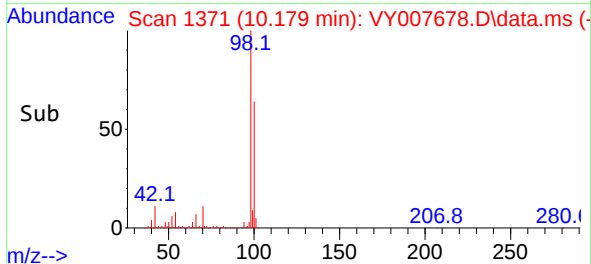
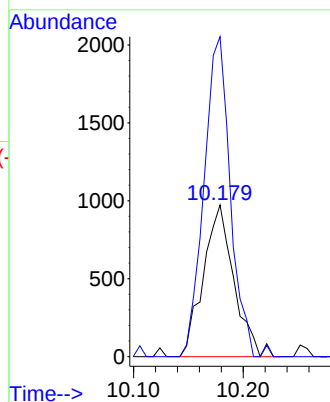
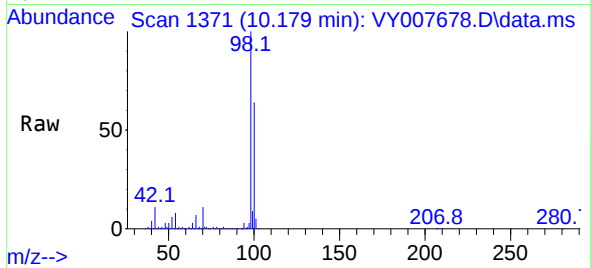




#51
4-Methyl-2-Pentanone
Concen: 1.020 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY007678.D
Acq: 01 Mar 2022 19:44

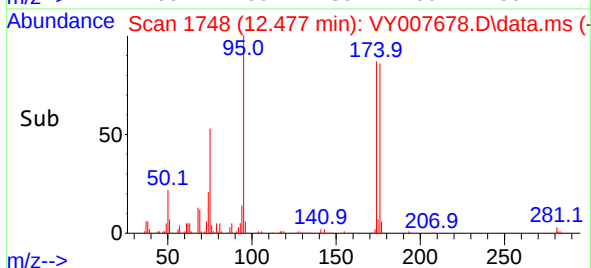
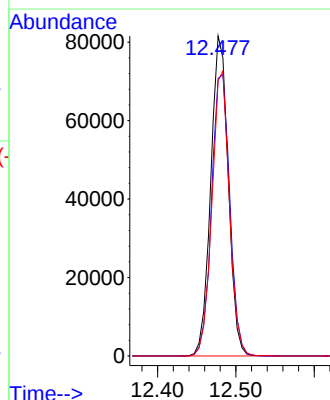
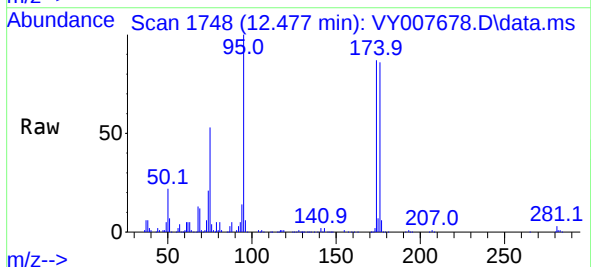
Instrument :
MSVOA_Y
ClientSampleId :

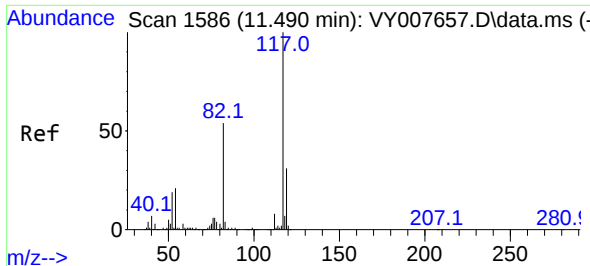
Tgt Ion: 43 Resp: 1885
Ion Ratio Lower Upper
43 100
58 181.1 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 49.582 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007678.D
Acq: 01 Mar 2022 19:44

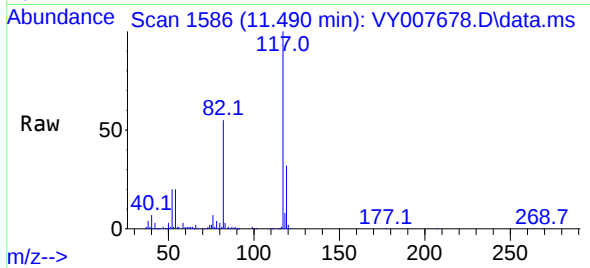
Tgt Ion: 95 Resp: 126410
Ion Ratio Lower Upper
95 100
174 91.6 0.0 177.0
176 88.7 0.0 175.8



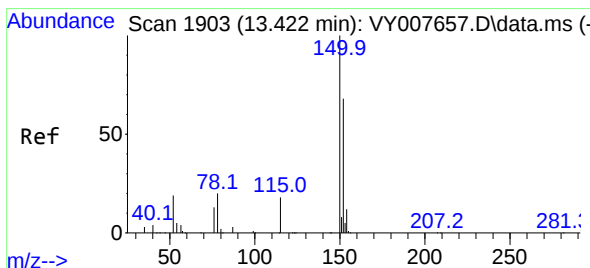
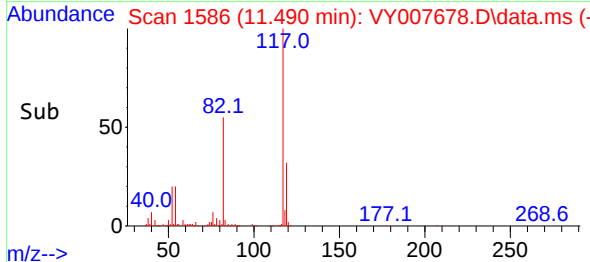
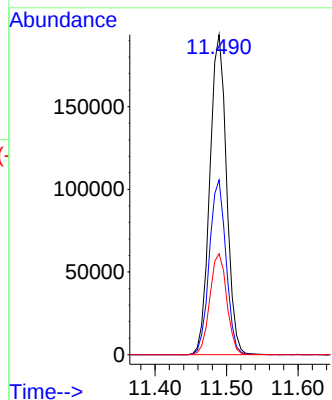


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007678.D
Acq: 01 Mar 2022 19:44

Instrument :
MSVOA_Y
ClientSampleId :

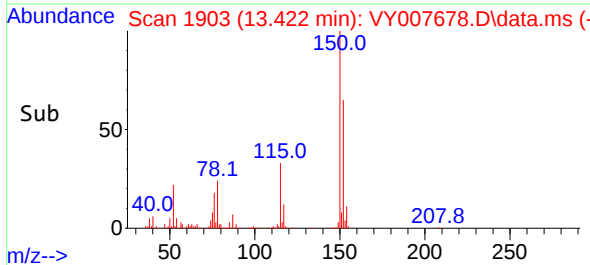
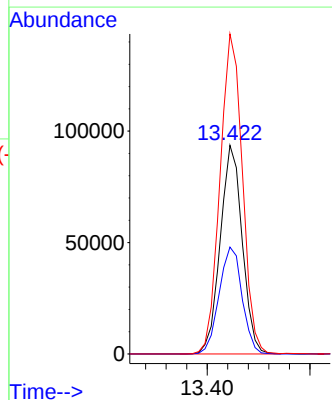
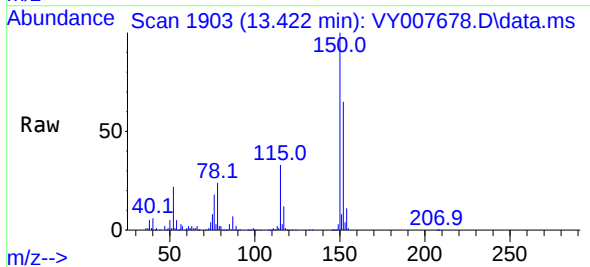


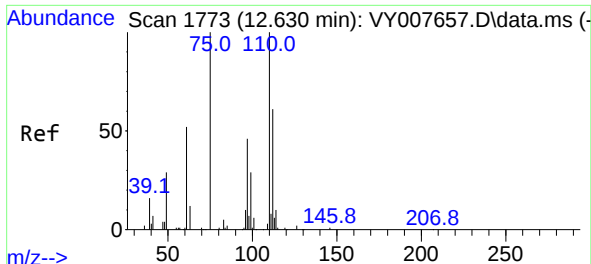
Tgt Ion:117 Resp: 313999
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007678.D
Acq: 01 Mar 2022 19:44

Tgt Ion:152 Resp: 138884
Ion Ratio Lower Upper
152 100
115 53.4 28.2 84.7
150 156.4 0.0 347.6

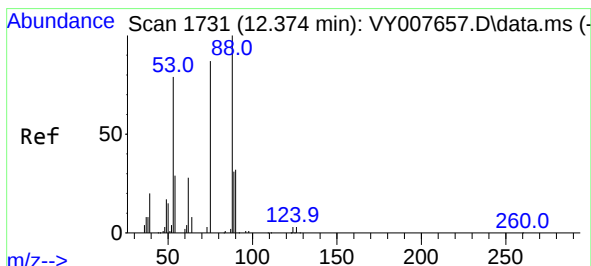
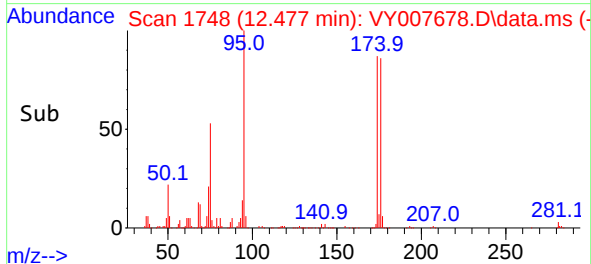
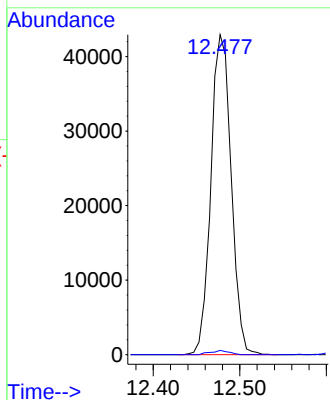
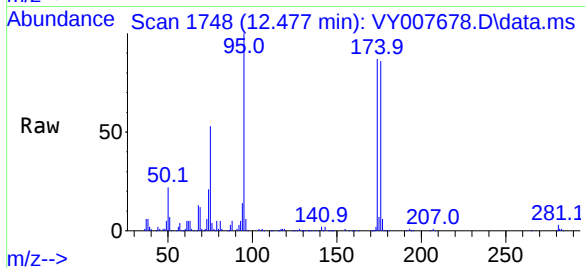




#76
1,2,3-Trichloropropane
Concen: 45.060 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY007678.D
Acq: 01 Mar 2022 19:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 69888
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.119 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY007678.D
Acq: 01 Mar 2022 19:44

Tgt Ion: 75 Resp: 69888
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

