

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030222\
 Data File : VY007686.D
 Acq On : 02 Mar 2022 12:25
 Operator : SY/MD
 Sample : N1722-07RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 03 00:33:48 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)

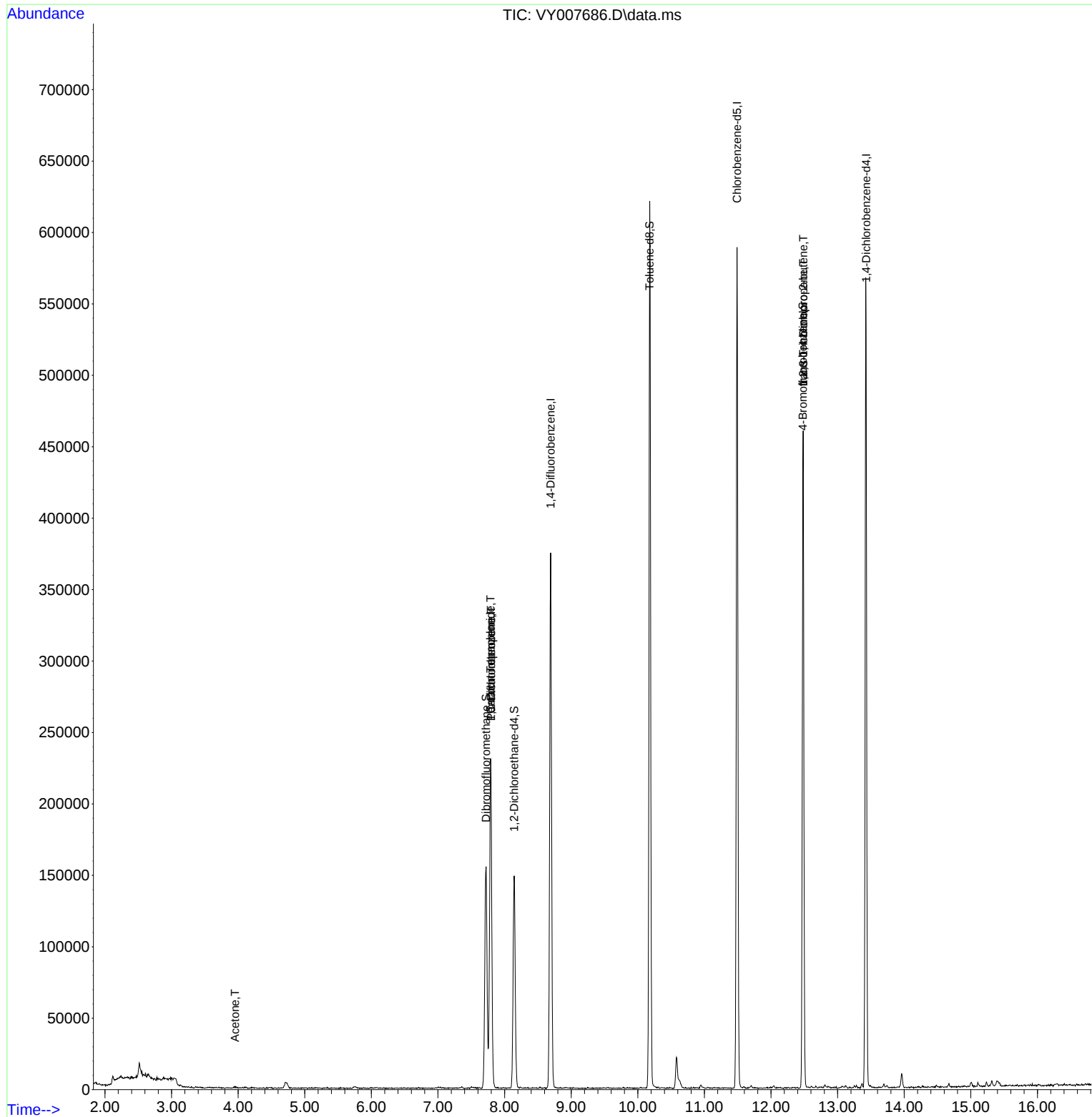
Internal Standards						
1) Pentafluorobenzene	7.795	168	177560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	320414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	313616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	112373	60.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.900%	
35) Dibromofluoromethane	7.722	113	107311	52.385	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.760%	
50) Toluene-d8	10.179	98	397469	52.710	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.420%	
62) 4-Bromofluorobenzene	12.477	95	124676	51.292	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.580%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	196	Below Cal		74
3) Chloromethane	2.113	50	2077	Below Cal	#	82
13) Acrolein	3.729	56	38	Below Cal		92
16) Acetone	3.954	43	1427	3.774 ug/l	#	78
17) Carbon Disulfide	4.174	76	92	Below Cal	#	75
18) Methyl Acetate	4.472	43	328	Below Cal	#	56
20) Methylene Chloride	4.728	84	3402	Below Cal	#	72
31) Cyclohexane	7.789	56	3903	Below Cal	#	30
36) 1,1-Dichloropropene	7.795	75	14252	4.423 ug/l	#	50
38) Carbon Tetrachloride	7.789	117	17075	4.967 ug/l	#	18
76) 1,2,3-Trichloropropane	12.483	75	71988	46.086 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71988	94.217 ug/l	#	7

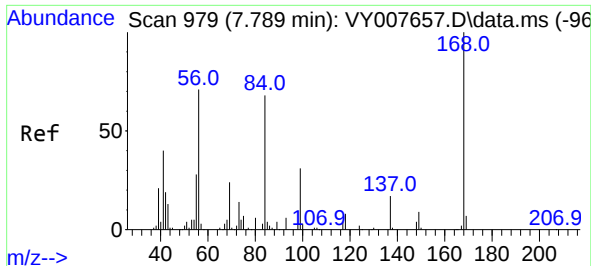
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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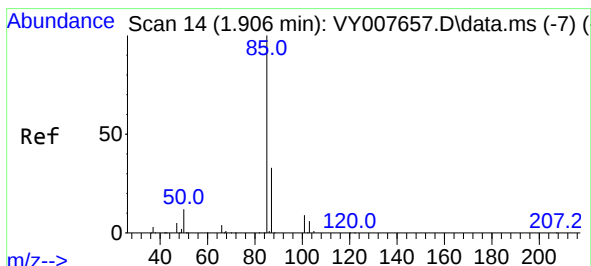
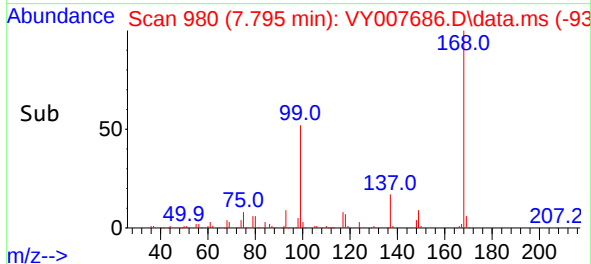
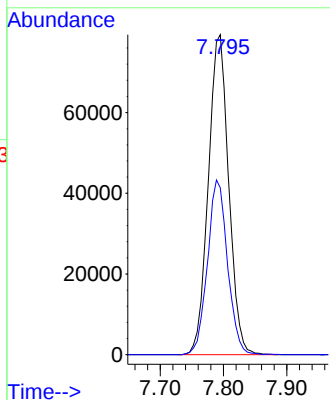
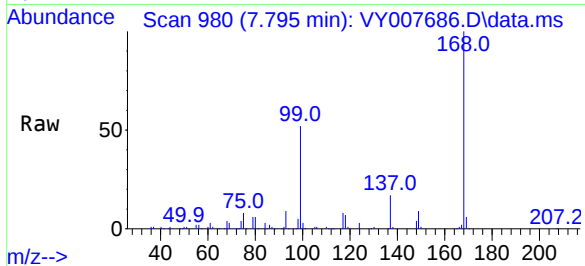




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007686.D
Acq: 02 Mar 2022 12:25

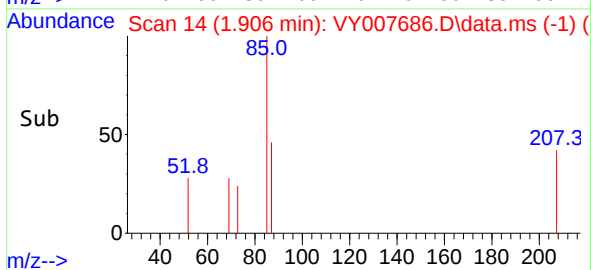
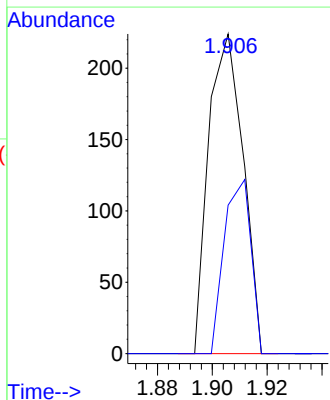
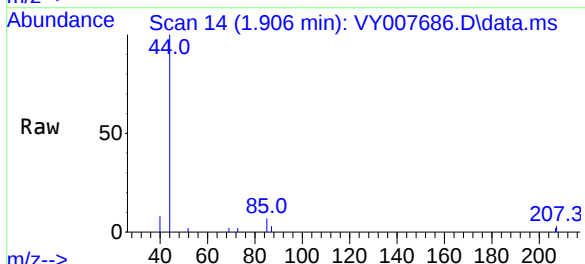
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 177560
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3

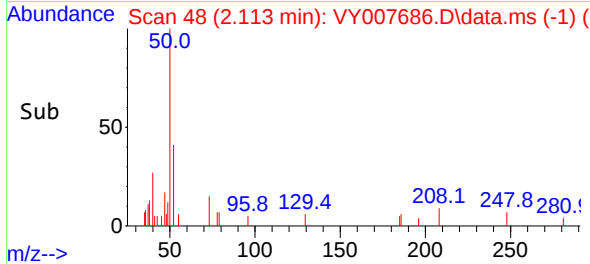
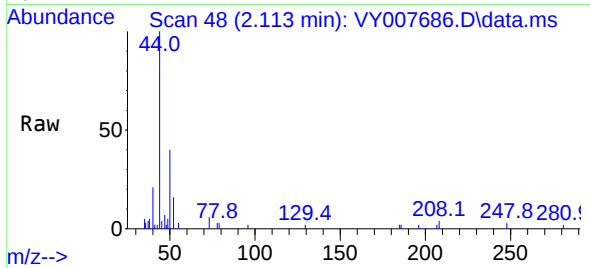
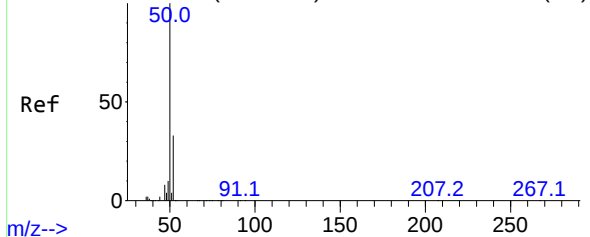


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007686.D
Acq: 02 Mar 2022 12:25

Tgt Ion: 85 Resp: 196
Ion Ratio Lower Upper
85 100
87 46.4 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: VY007686.D

Acq: 02 Mar 2022 12:25

Instrument :

MSVOA_Y

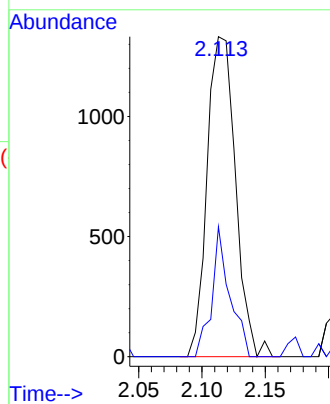
ClientSampleId :

Tgt Ion: 50 Resp: 2077

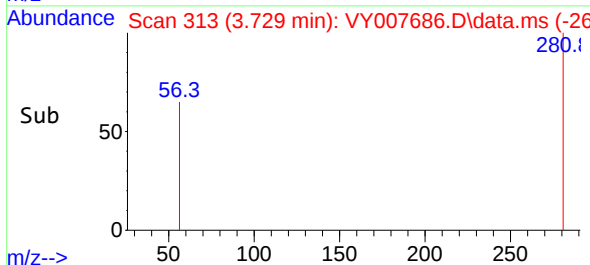
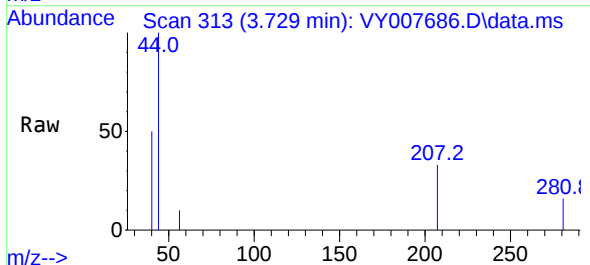
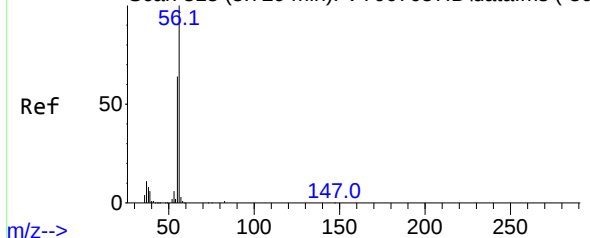
Ion Ratio Lower Upper

50 100

52 40.6 24.6 37.0#



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



#13

Acrolein

Concen: Below Cal

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY007686.D

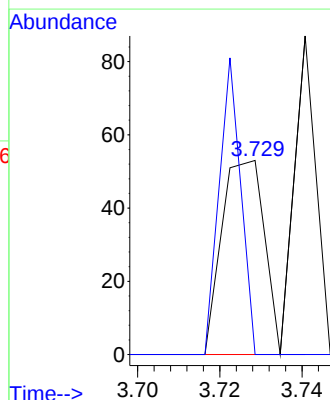
Acq: 02 Mar 2022 12:25

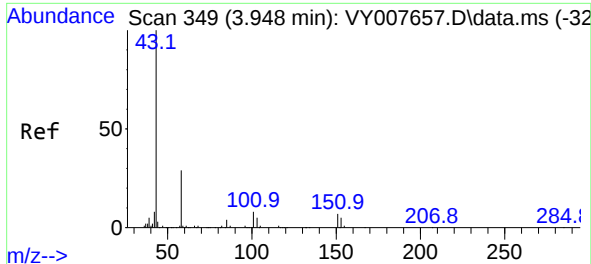
Tgt Ion: 56 Resp: 38

Ion Ratio Lower Upper

56 100

55 78.9 57.6 86.4





#16

Acetone

Concen: 3.774 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY007686.D

Acq: 02 Mar 2022 12:25

Instrument :

MSVOA_Y

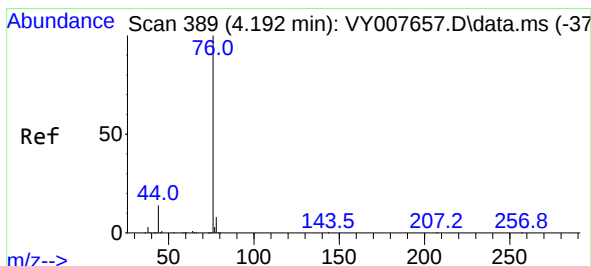
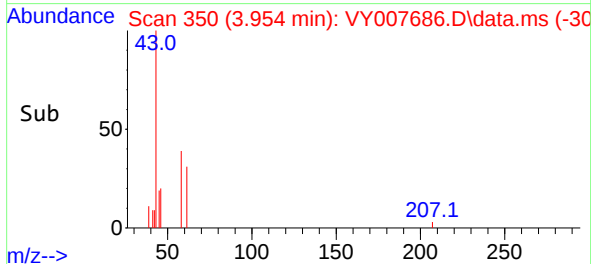
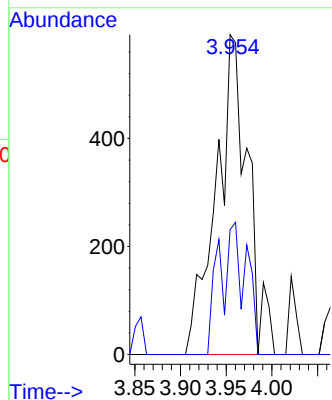
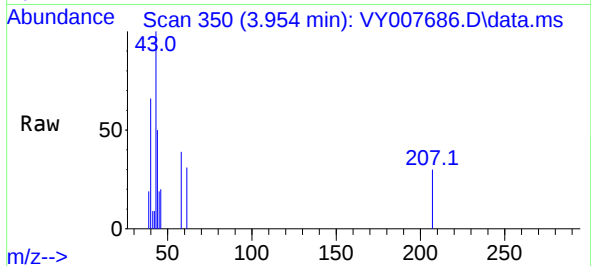
ClientSampleId :

Tgt Ion: 43 Resp: 1427

Ion Ratio Lower Upper

43 100

58 39.0 22.0 33.0#



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.174 min Scan# 386

Delta R.T. -0.018 min

Lab File: VY007686.D

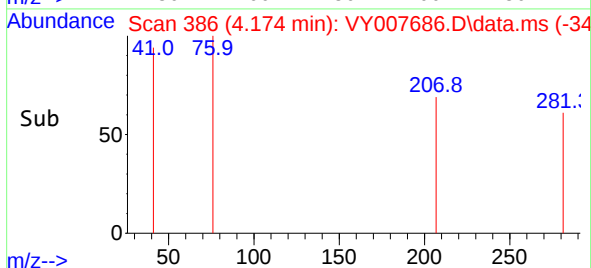
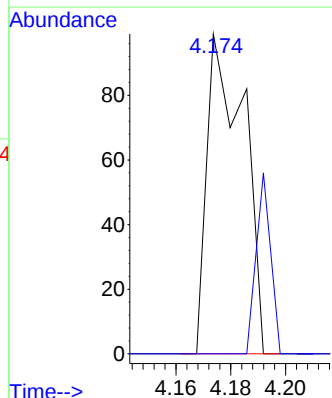
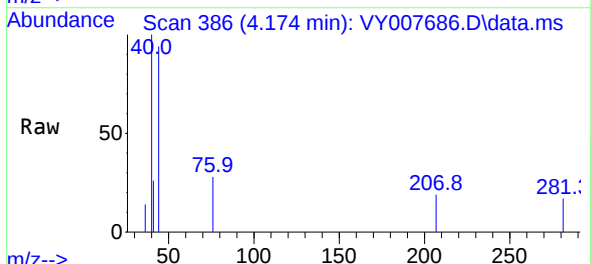
Acq: 02 Mar 2022 12:25

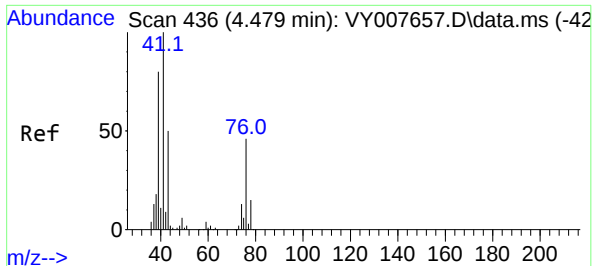
Tgt Ion: 76 Resp: 92

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

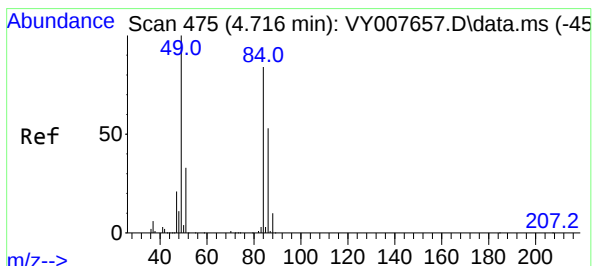
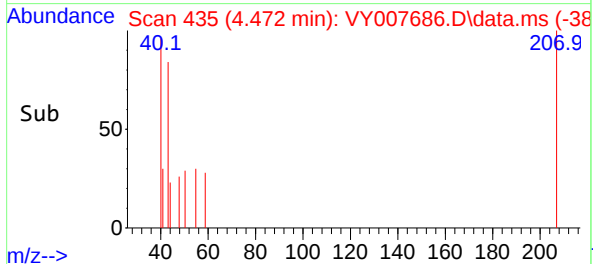
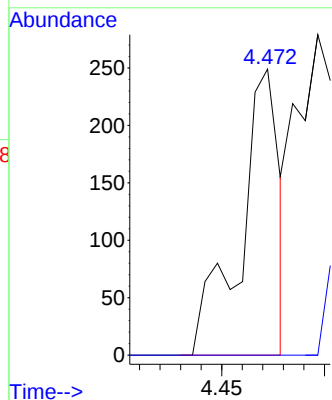
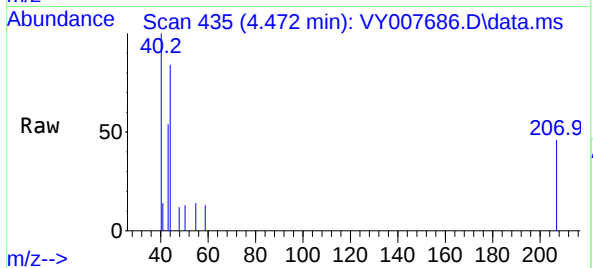




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY007686.D
Acq: 02 Mar 2022 12:25

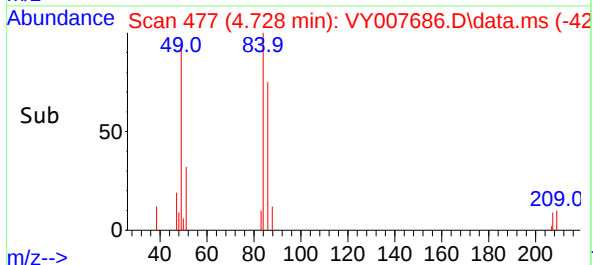
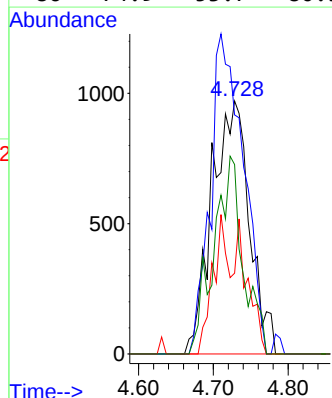
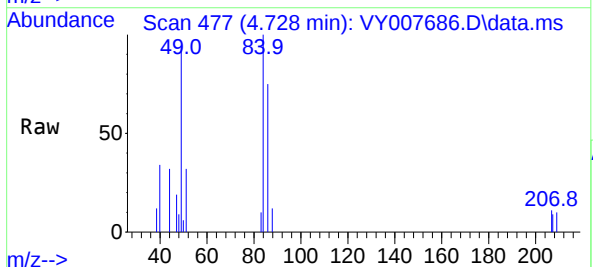
Instrument :
MSVOA_Y
ClientSampleId :

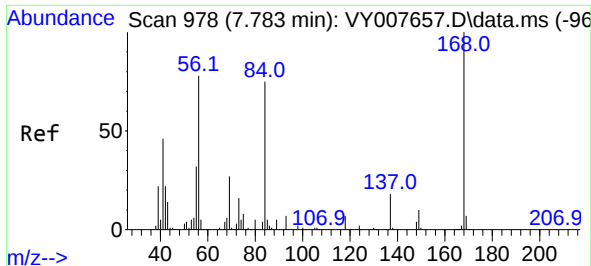
Tgt Ion: 43 Resp: 328
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY007686.D
Acq: 02 Mar 2022 12:25

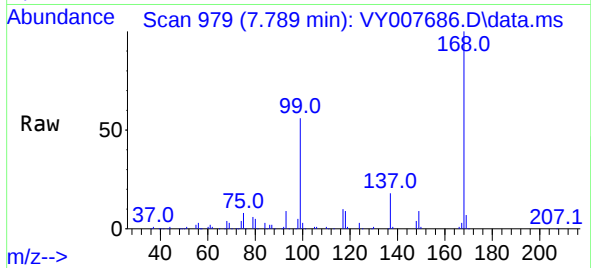
Tgt Ion: 84 Resp: 3402
Ion Ratio Lower Upper
84 100
49 94.4 114.4 171.6#
51 31.9 35.3 52.9#
86 74.9 53.7 80.5



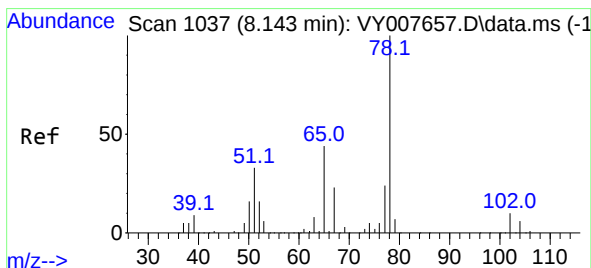
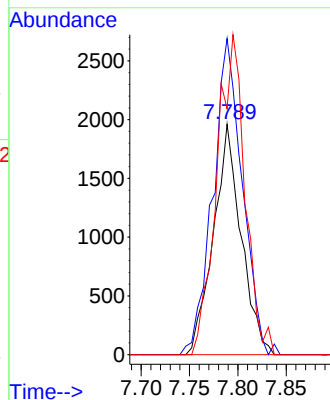
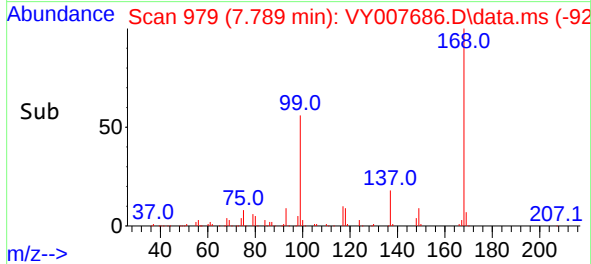


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007686.D
Acq: 02 Mar 2022 12:25

Instrument :
MSVOA_Y
ClientSampleId :

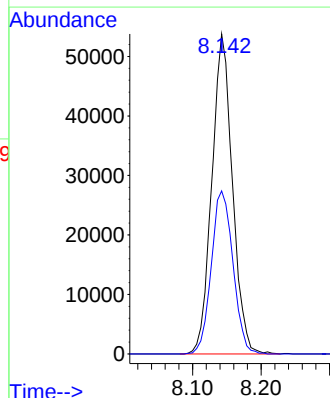
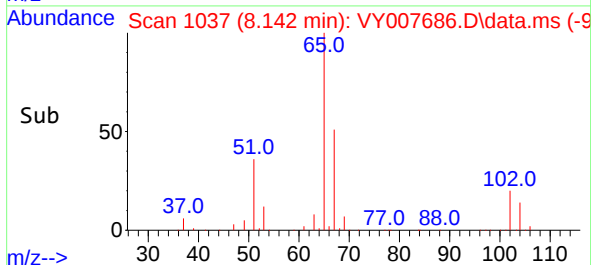
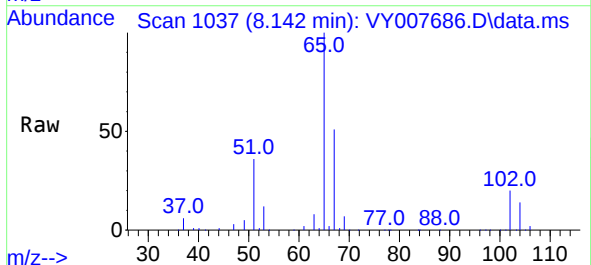


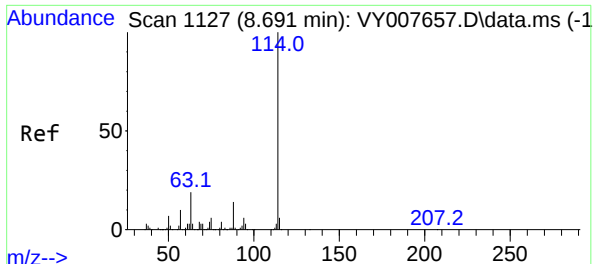
Tgt Ion: 56 Resp: 3903
Ion Ratio Lower Upper
56 100
69 137.3 26.7 40.1#
84 106.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 60.452 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007686.D
Acq: 02 Mar 2022 12:25

Tgt Ion: 65 Resp: 112373
Ion Ratio Lower Upper
65 100
67 53.5 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: VY007686.D

Acq: 02 Mar 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

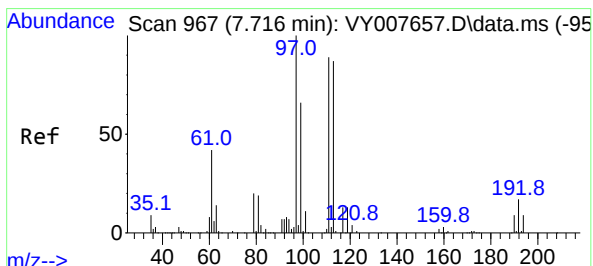
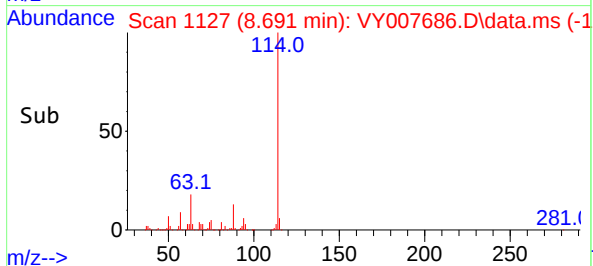
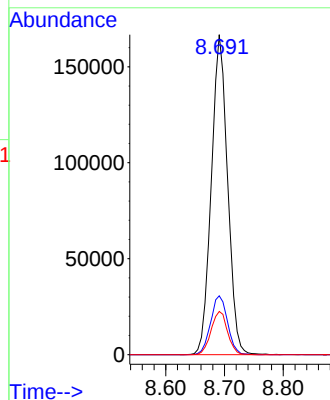
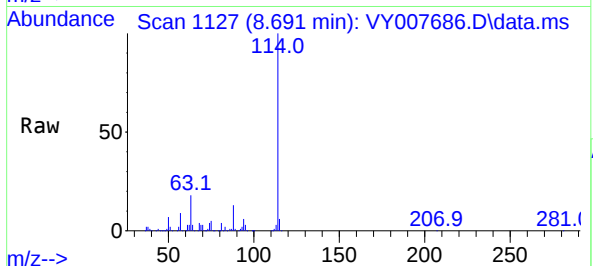
Tgt Ion:114 Resp: 320414

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 13.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.385 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007686.D

Acq: 02 Mar 2022 12:25

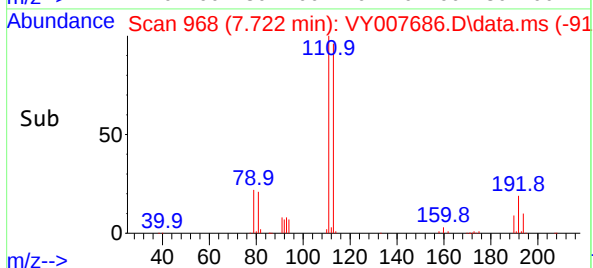
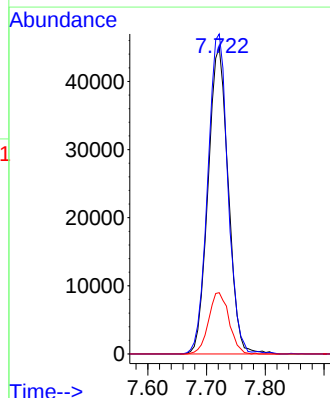
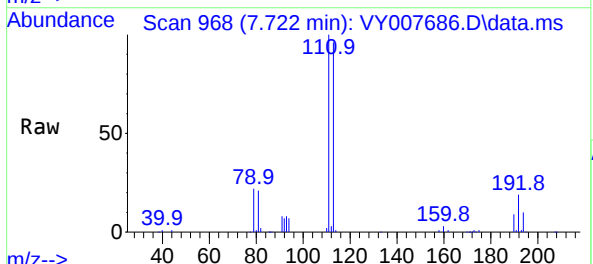
Tgt Ion:113 Resp: 107311

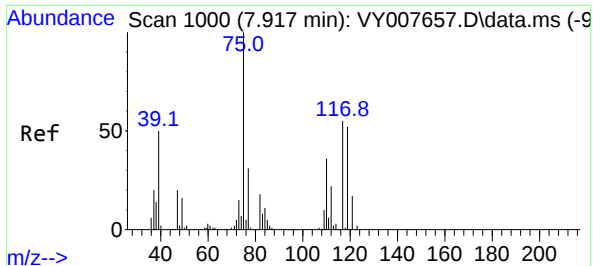
Ion Ratio Lower Upper

113 100

111 104.4 82.6 124.0

192 20.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.423 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY007686.D

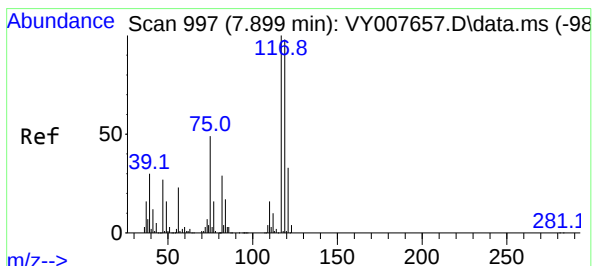
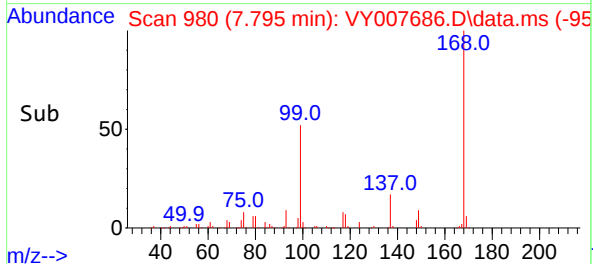
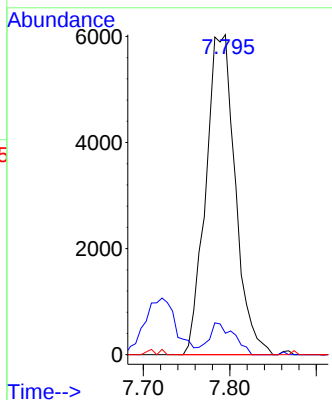
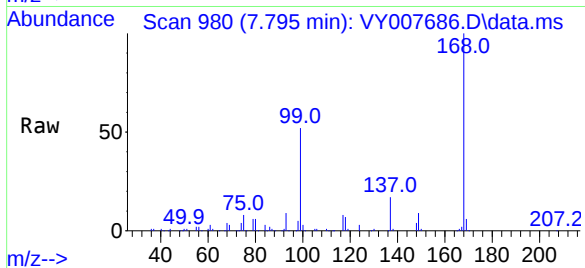
Acq: 02 Mar 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 14252
Ion Ratio	Lower Upper
75 100	
110 8.3	17.1 51.2#
77 0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.967 ug/l

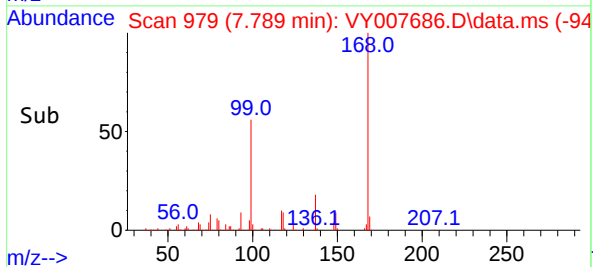
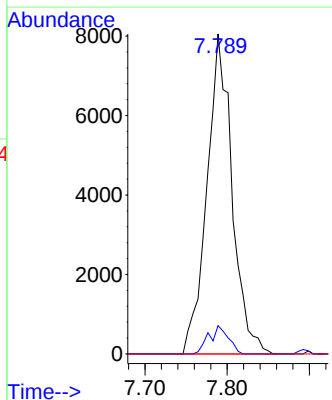
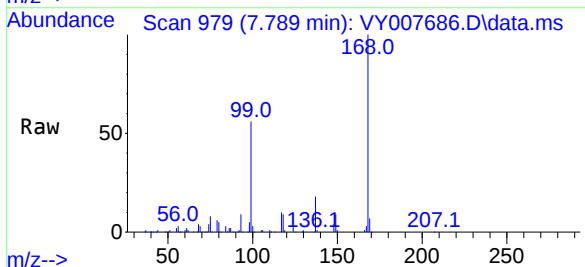
RT: 7.789 min Scan# 979

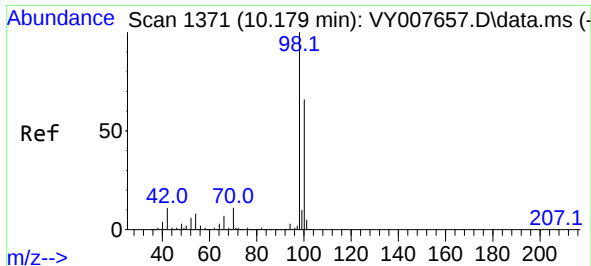
Delta R.T. -0.110 min

Lab File: VY007686.D

Acq: 02 Mar 2022 12:25

Tgt Ion: 117	Resp: 17075
Ion Ratio	Lower Upper
117 100	
119 8.9	77.9 116.9#
121 0.0	24.8 37.2#

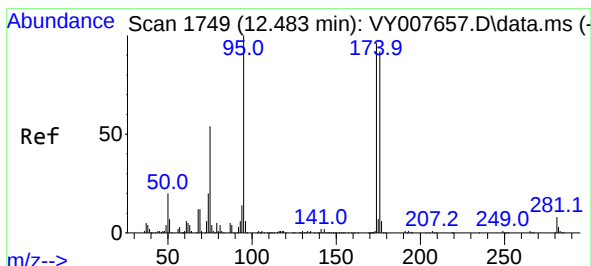
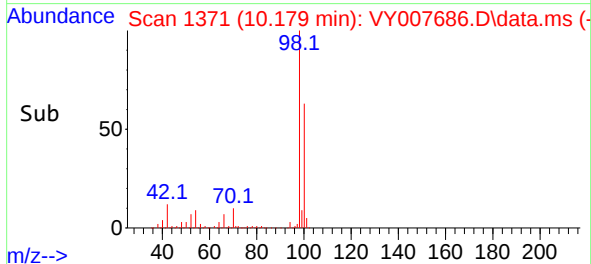
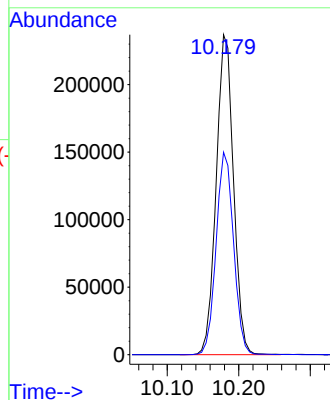
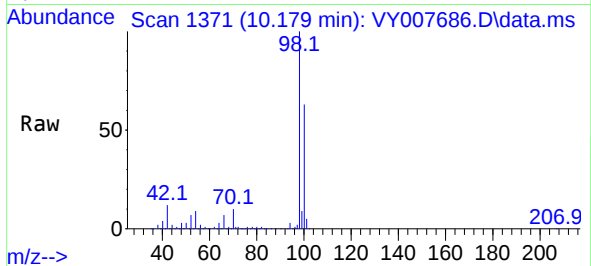




#50
Toluene-d8
Concen: 52.710 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007686.D
Acq: 02 Mar 2022 12:25

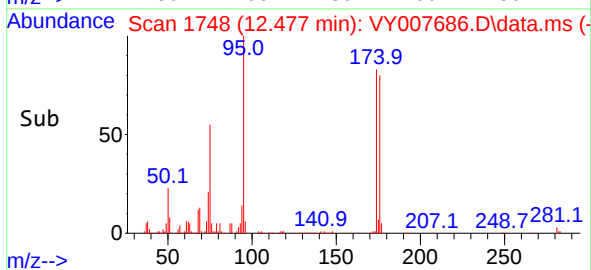
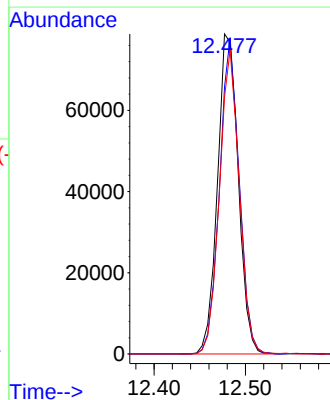
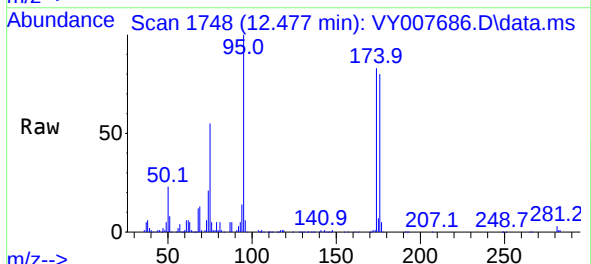
Instrument :
MSVOA_Y
ClientSampleId :

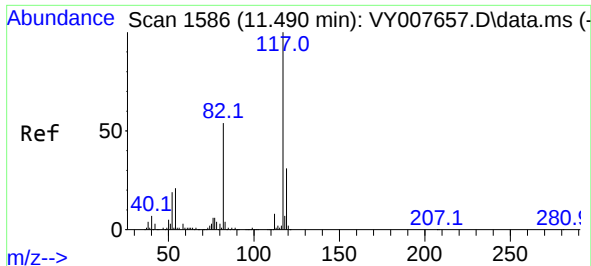
Tgt Ion: 98 Resp: 397469
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.292 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007686.D
Acq: 02 Mar 2022 12:25

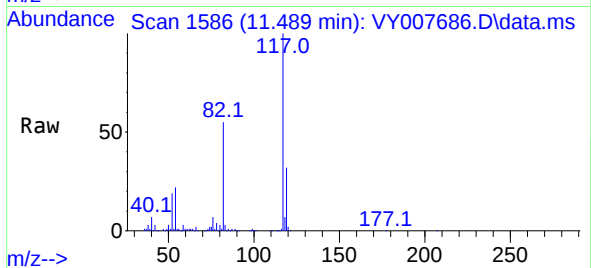
Tgt Ion: 95 Resp: 124676
Ion Ratio Lower Upper
95 100
174 93.4 0.0 177.0
176 90.5 0.0 175.8



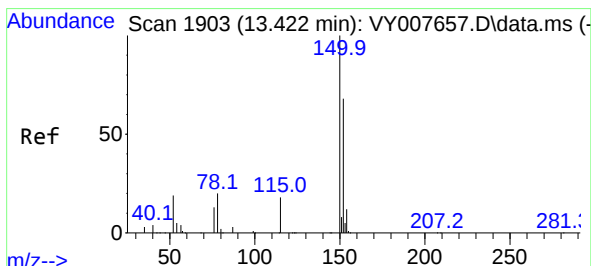
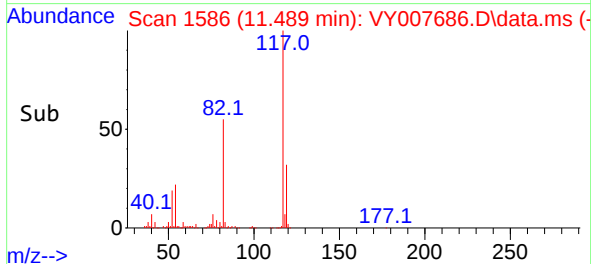
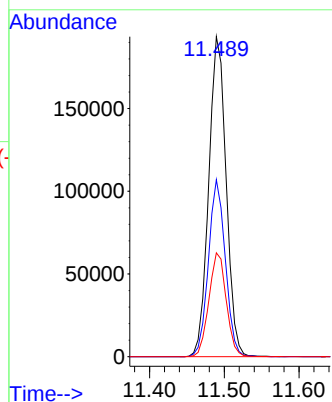


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007686.D
Acq: 02 Mar 2022 12:25

Instrument :
MSVOA_Y
ClientSampleId :

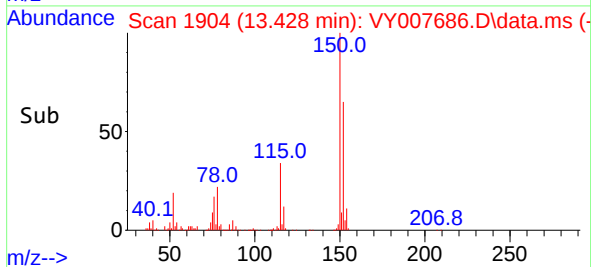
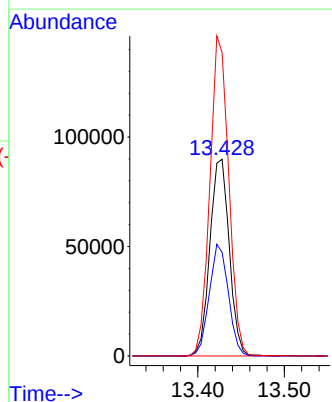
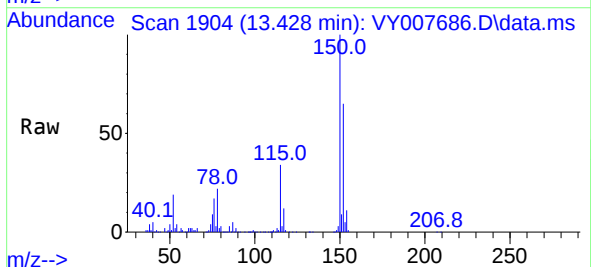


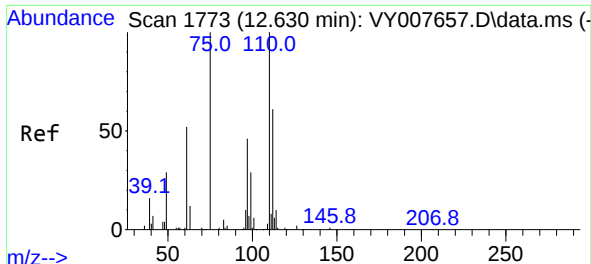
Tgt Ion:117 Resp: 313616
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007686.D
Acq: 02 Mar 2022 12:25

Tgt Ion:152 Resp: 139872
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 157.8 0.0 347.6

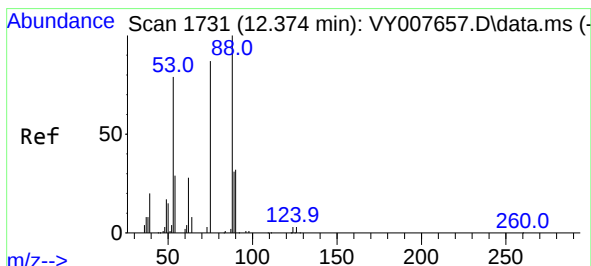
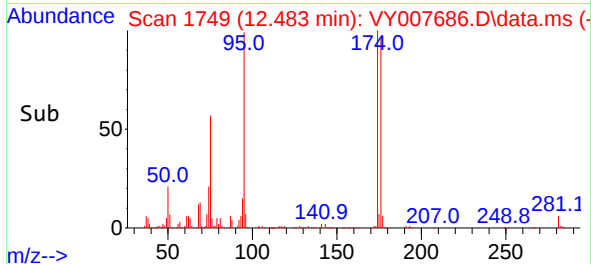
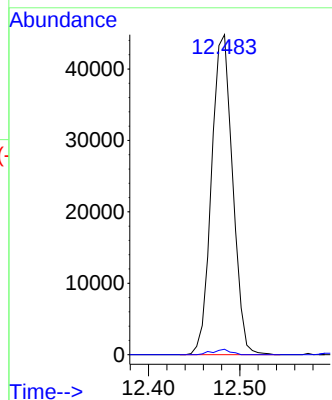
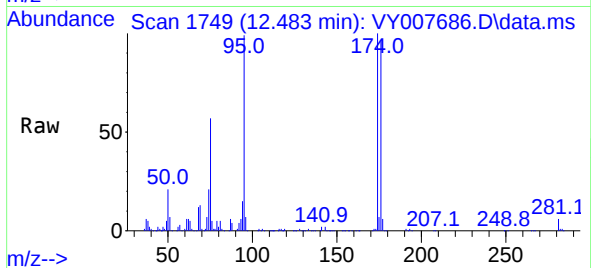




#76
1,2,3-Trichloropropane
Concen: 46.086 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007686.D
Acq: 02 Mar 2022 12:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 71988
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.217 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007686.D
Acq: 02 Mar 2022 12:25

Tgt Ion: 75 Resp: 71988
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

