

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007693.D
 Acq On : 03 Mar 2022 10:22
 Operator : SY/MD
 Sample : VY0303SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 04 00:39:16 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)

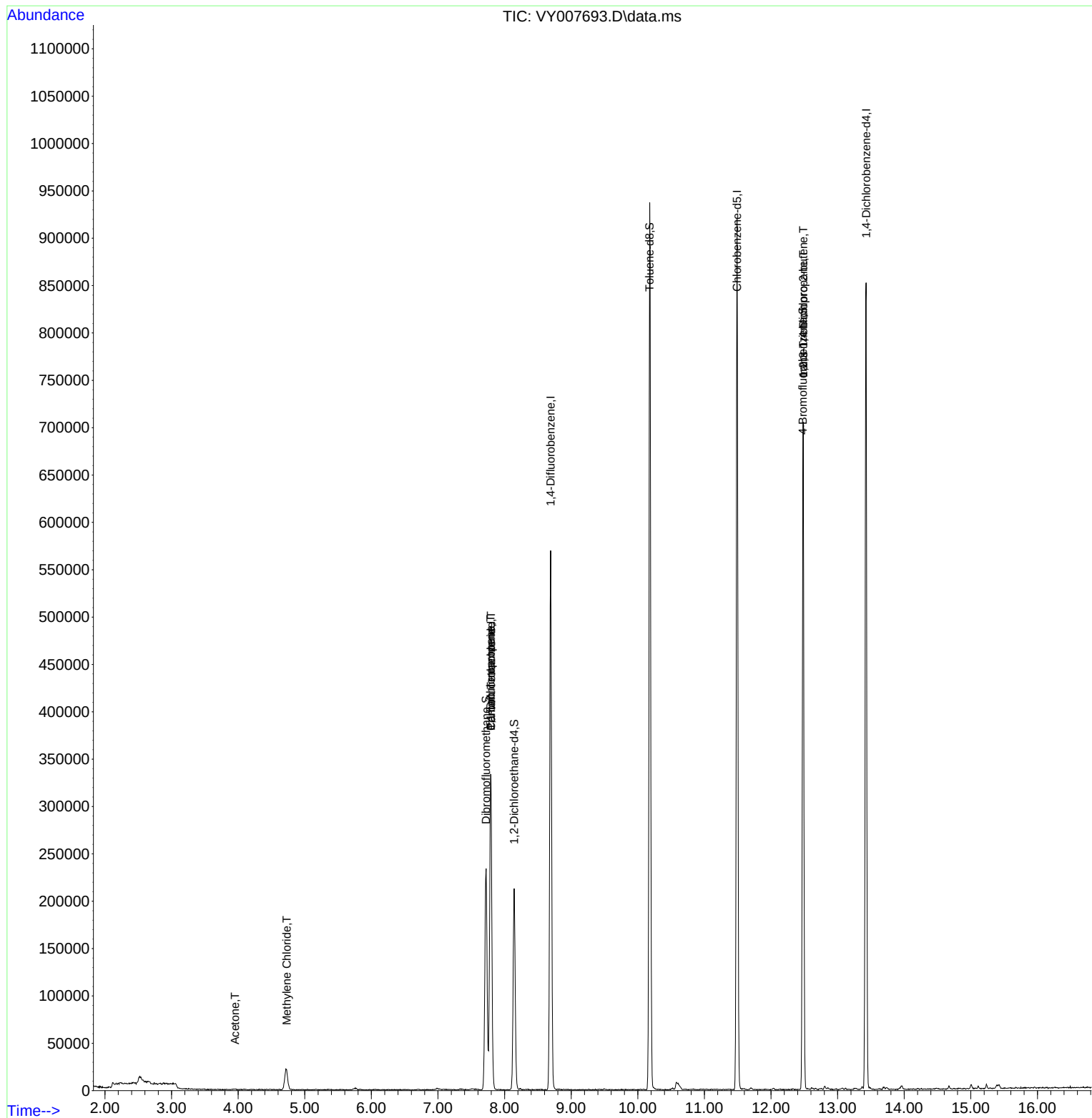
Internal Standards						
1) Pentafluorobenzene	7.795	168	265647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	481183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	483195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	217766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	156068	56.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.240%	
35) Dibromofluoromethane	7.722	113	159860	51.964	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.920%	
50) Toluene-d8	10.179	98	608323	53.719	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.440%	
62) 4-Bromofluorobenzene	12.477	95	197446	54.090	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.180%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	67	Below Cal	#	43
3) Chloromethane	2.113	50	2270	Below Cal		90
13) Acrolein	3.729	56	78	Below Cal	#	14
16) Acetone	3.954	43	1228	2.171	ug/l #	75
17) Carbon Disulfide	4.192	76	104	Below Cal	#	75
18) Methyl Acetate	4.491	43	622	Below Cal	#	76
20) Methylene Chloride	4.729	84	16882	2.047	ug/l #	73
31) Cyclohexane	7.783	56	5557	Below Cal	#	14
36) 1,1-Dichloropropene	7.789	75	20631	4.263	ug/l #	50
38) Carbon Tetrachloride	7.795	117	25337	4.908	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	109466	45.012	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	109466	92.021	ug/l #	7

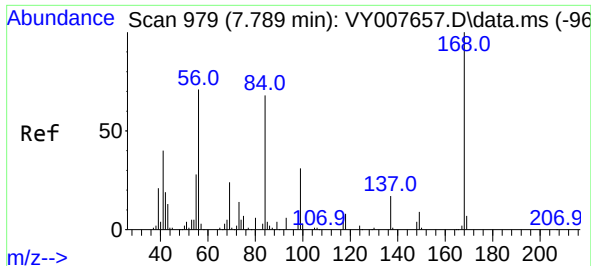
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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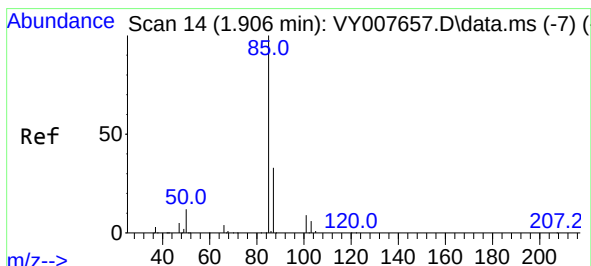
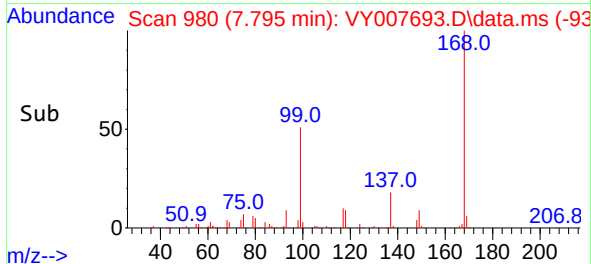
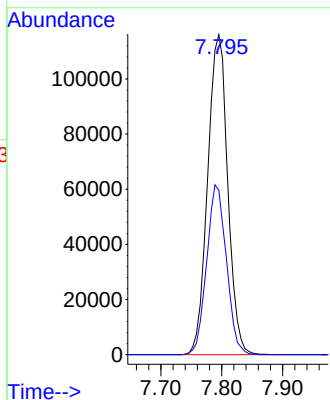
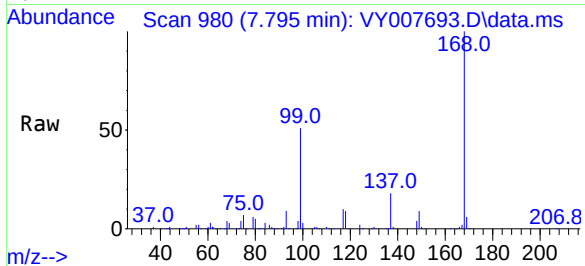




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

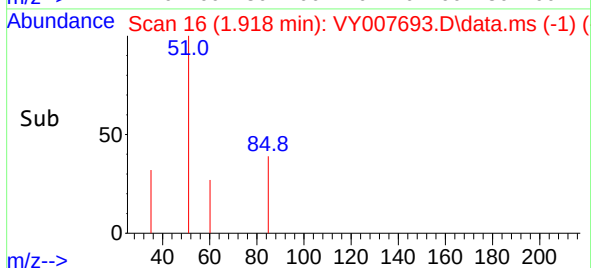
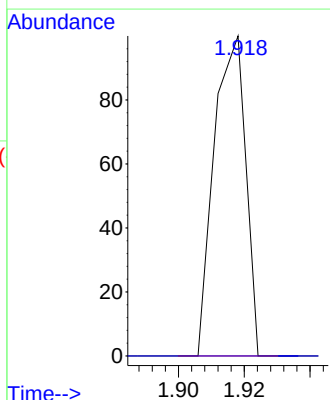
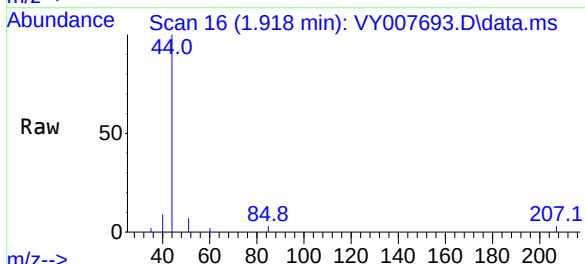
Instrument :
MSVOA_Y
ClientSampleId :

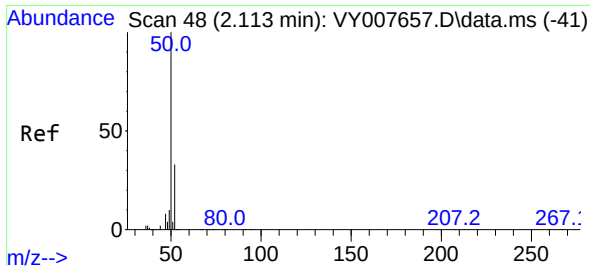
Tgt Ion:168 Resp: 265647
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

Tgt Ion: 85 Resp: 67
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

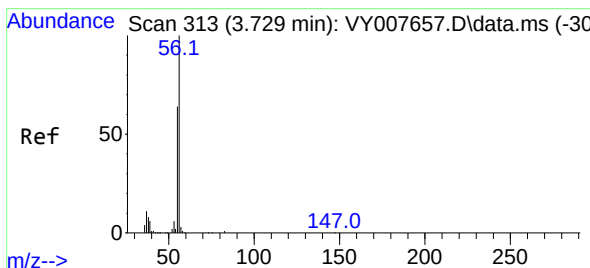
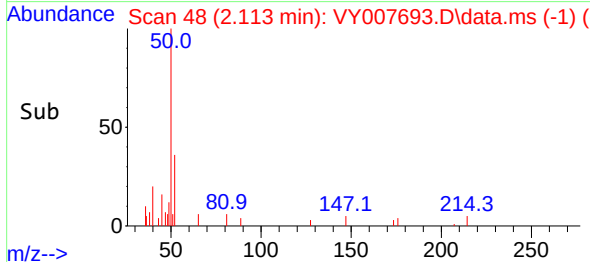
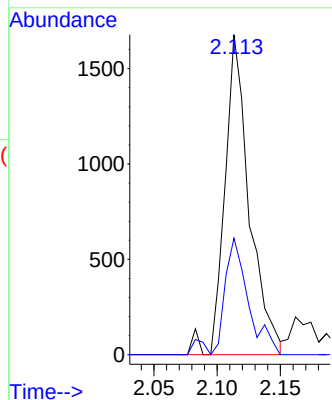
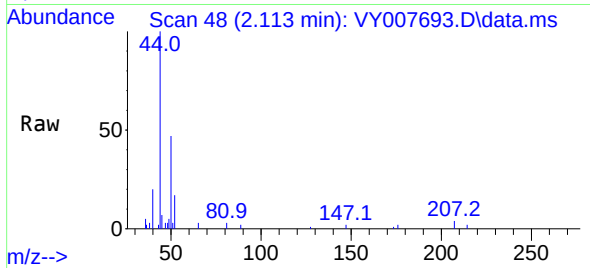




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

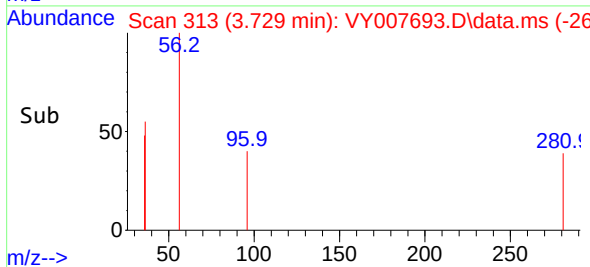
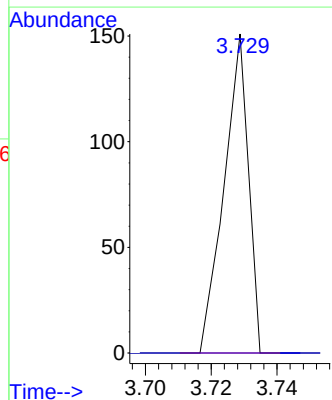
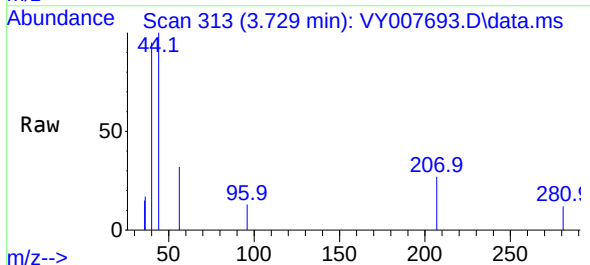
Instrument :
MSVOA_Y
ClientSampleId :

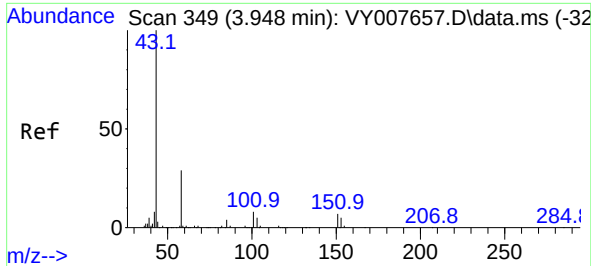
Tgt Ion: 50 Resp: 2270
Ion Ratio Lower Upper
50 100
52 36.4 24.6 37.0



#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

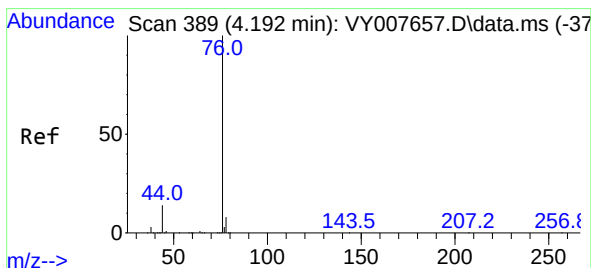
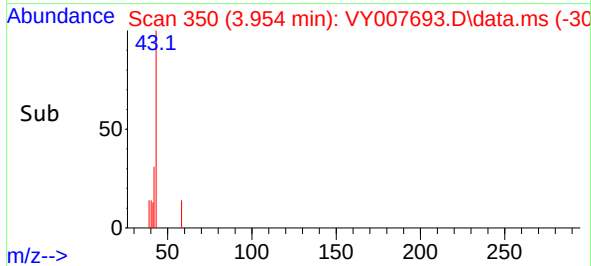
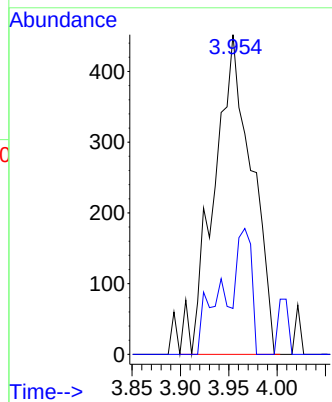
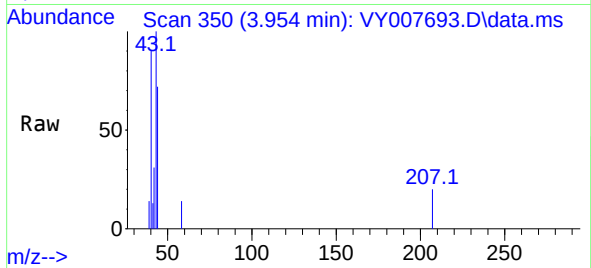




#16
Acetone
Concen: 2.171 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

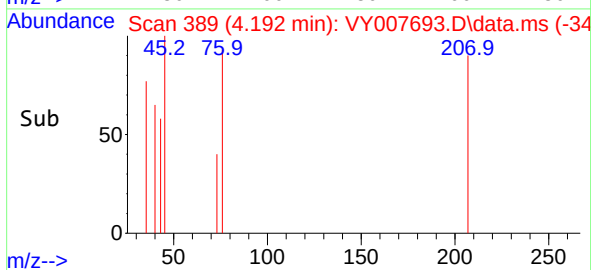
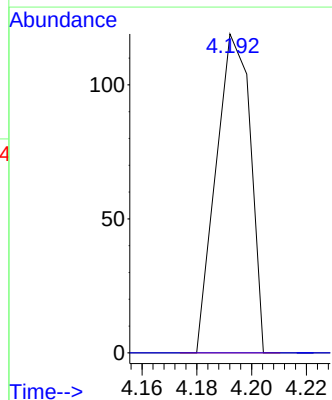
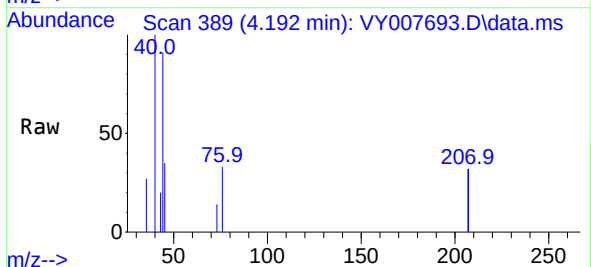
Instrument :
MSVOA_Y
ClientSampleId :

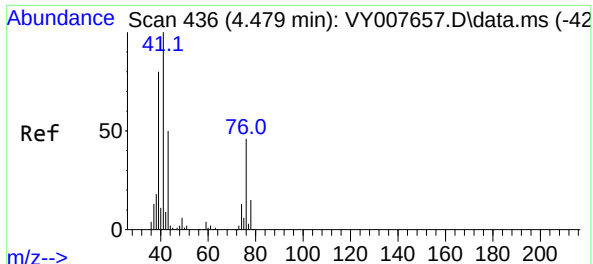
Tgt Ion: 43 Resp: 1228
Ion Ratio Lower Upper
43 100
58 14.4 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

Tgt Ion: 76 Resp: 104
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

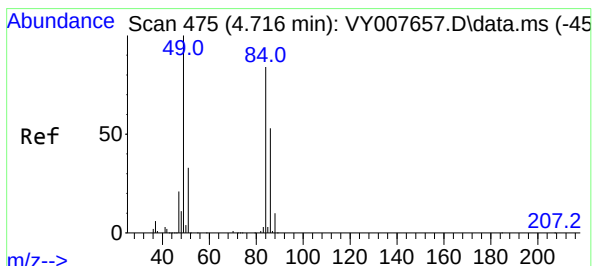
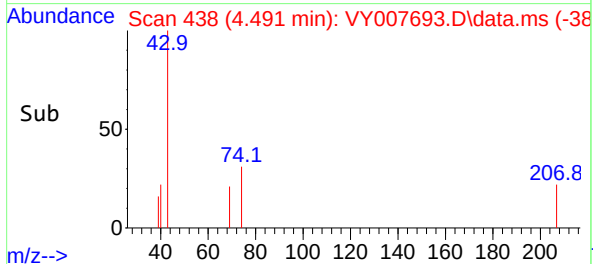
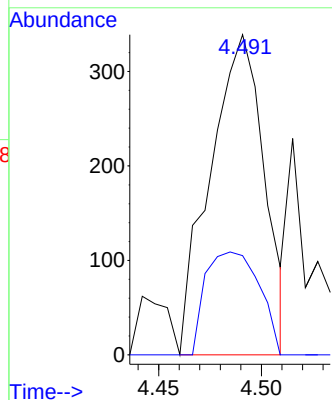
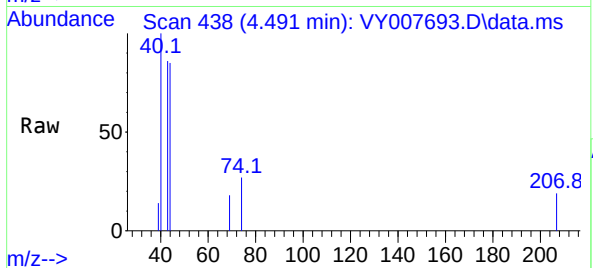




#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

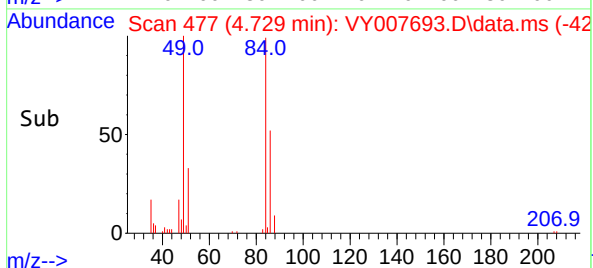
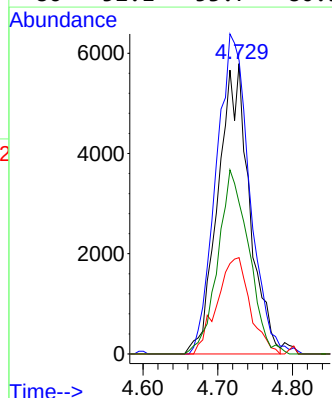
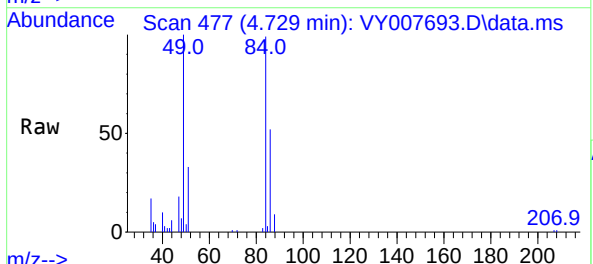
Instrument :
MSVOA_Y
ClientSampleId :

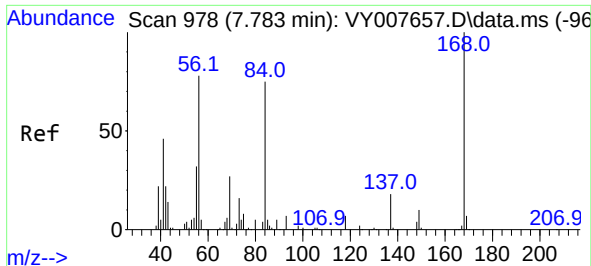
Tgt Ion: 43 Resp: 622
Ion Ratio Lower Upper
43 100
74 31.8 16.6 24.8#



#20
Methylene Chloride
Concen: 2.047 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

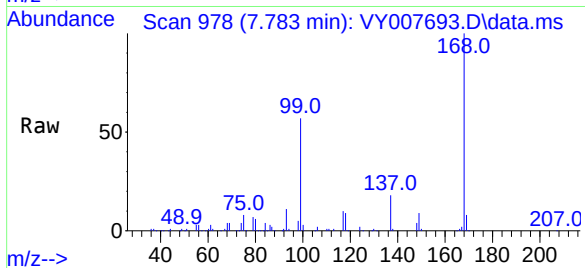
Tgt Ion: 84 Resp: 16882
Ion Ratio Lower Upper
84 100
49 101.1 114.4 171.6#
51 33.2 35.3 52.9#
86 52.1 53.7 80.5#



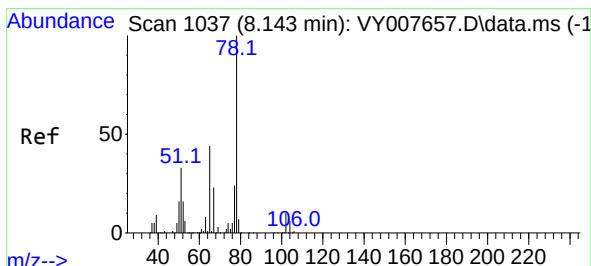
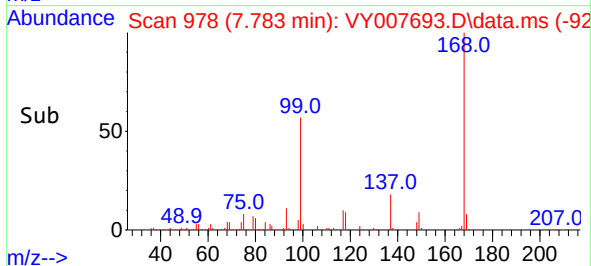
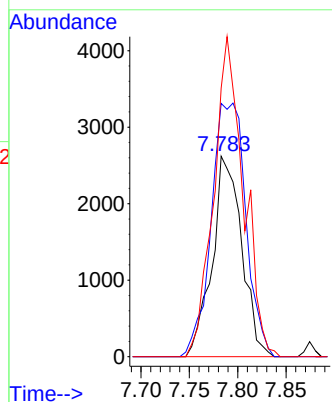


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

Instrument :
MSVOA_Y
ClientSampleId :

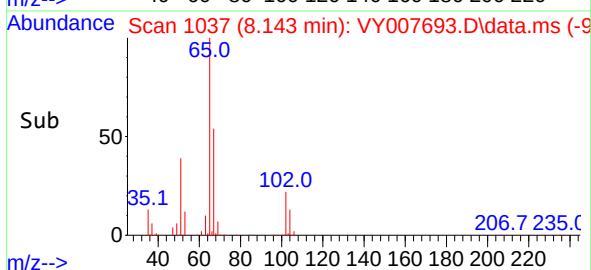
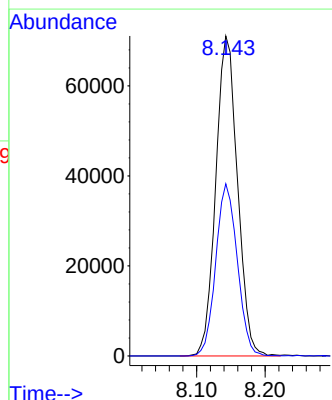
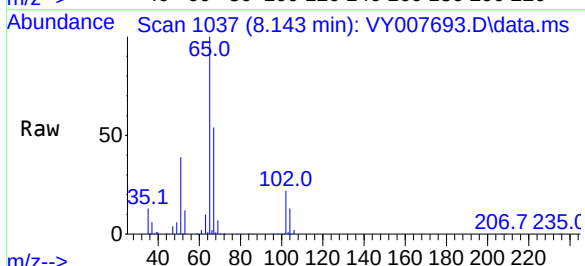


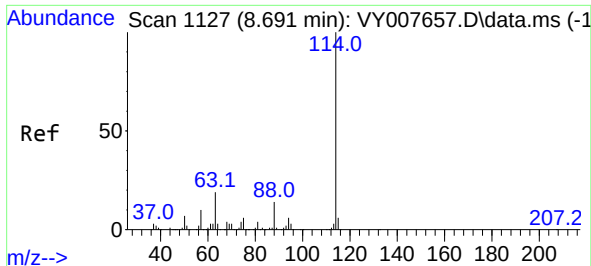
Tgt Ion: 56 Resp: 5557
Ion Ratio Lower Upper
56 100
69 126.3 26.7 40.1#
84 133.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 56.118 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

Tgt Ion: 65 Resp: 156068
Ion Ratio Lower Upper
65 100
67 53.3 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: VY007693.D

Acq: 03 Mar 2022 10:22

Instrument :

MSVOA_Y

ClientSampleId :

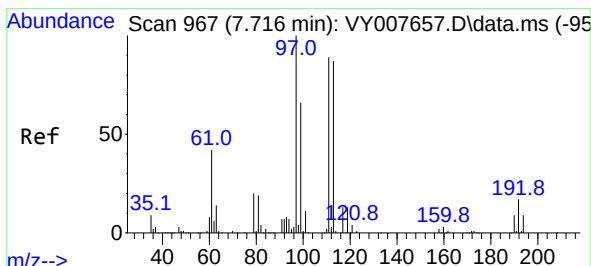
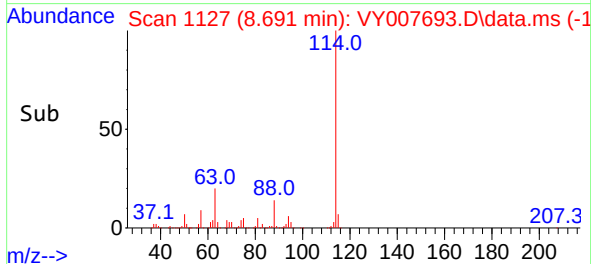
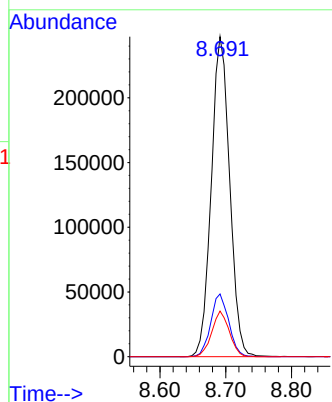
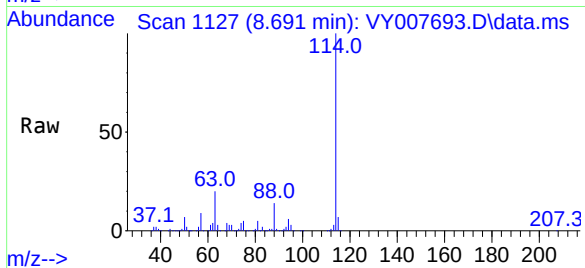
Tgt Ion:114 Resp: 481183

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.964 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007693.D

Acq: 03 Mar 2022 10:22

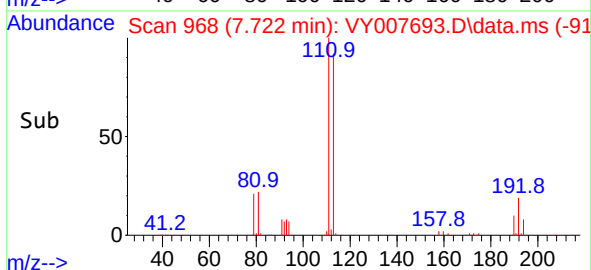
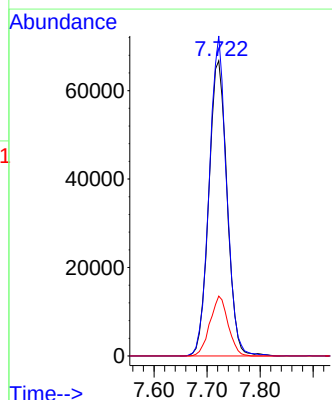
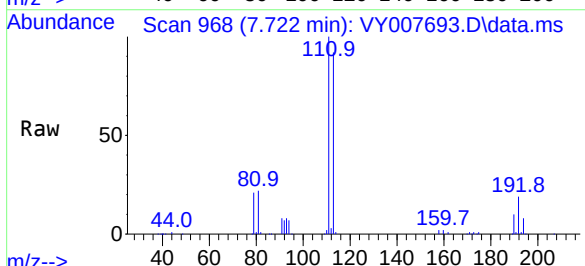
Tgt Ion:113 Resp: 159860

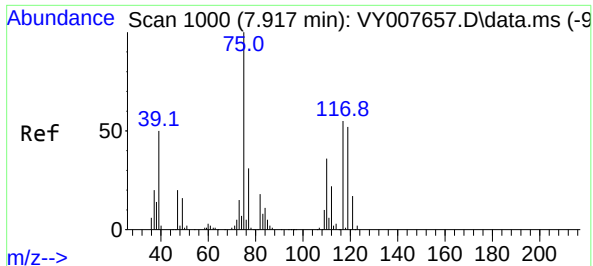
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 20.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.263 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007693.D

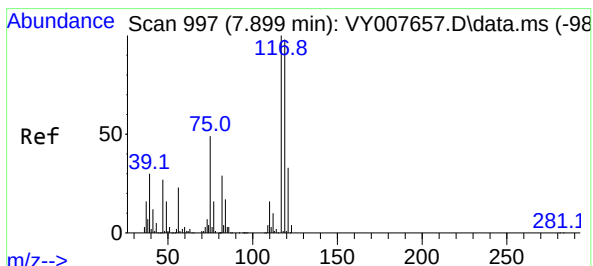
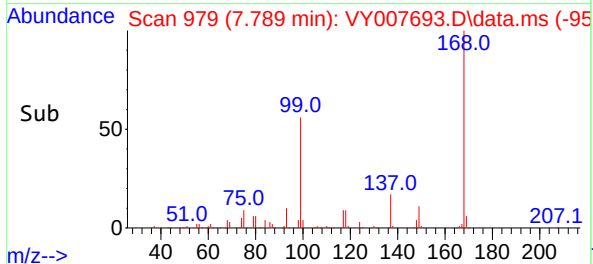
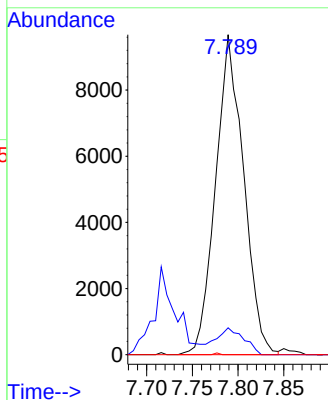
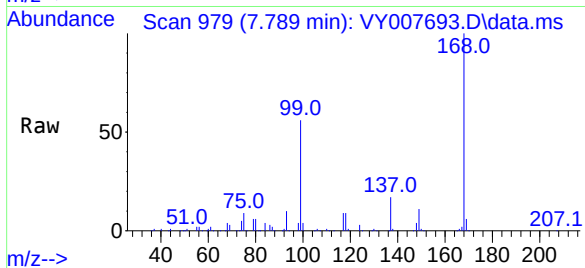
Acq: 03 Mar 2022 10:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	20631
Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.1	51.2#
77	0.1	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 4.908 ug/l

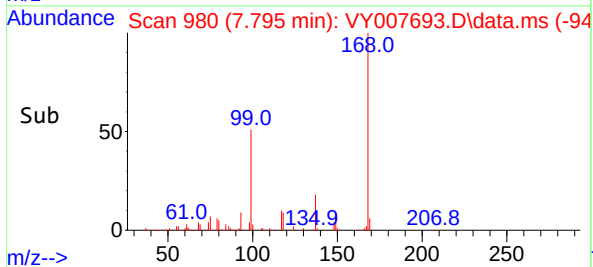
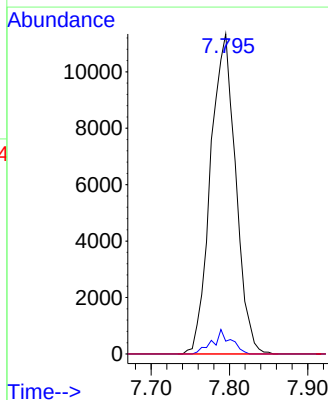
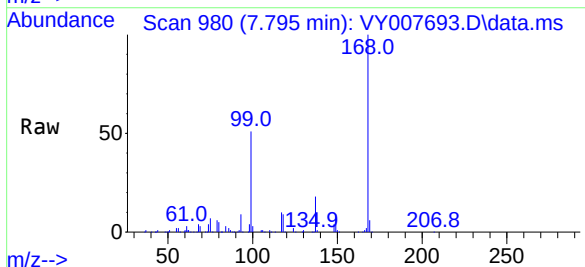
RT: 7.795 min Scan# 980

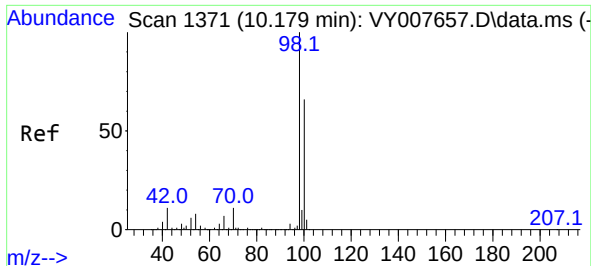
Delta R.T. -0.104 min

Lab File: VY007693.D

Acq: 03 Mar 2022 10:22

Tgt Ion:	117	Resp:	25337
Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.9	116.9#
121	0.0	24.8	37.2#

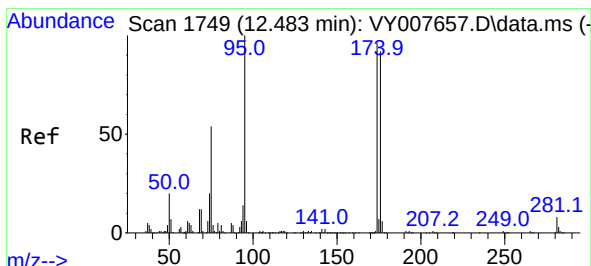
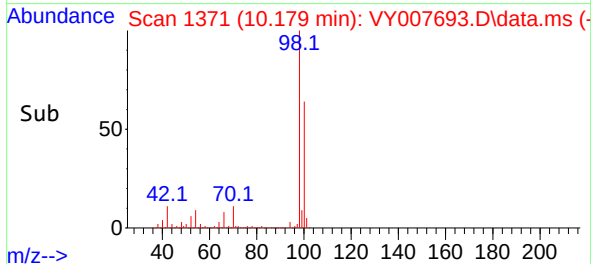
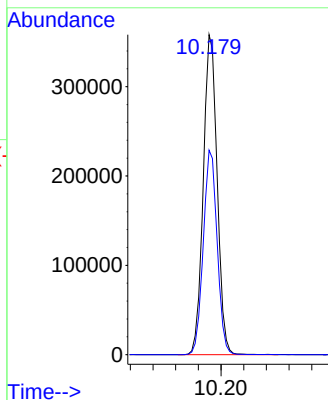
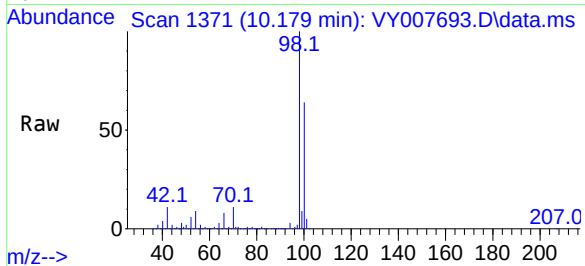




#50
Toluene-d8
Concen: 53.719 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

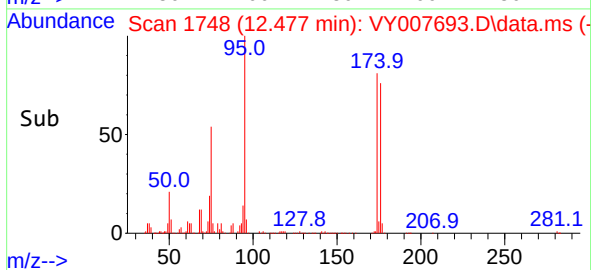
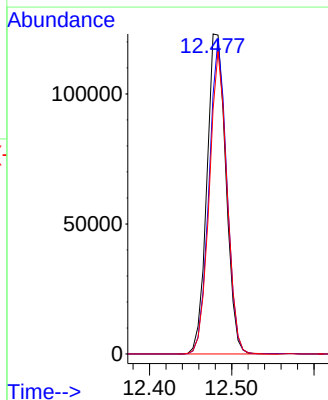
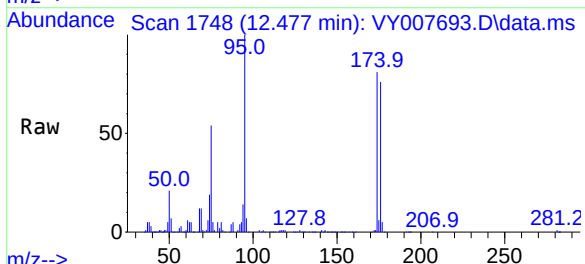
Instrument :
MSVOA_Y
ClientSampleId :

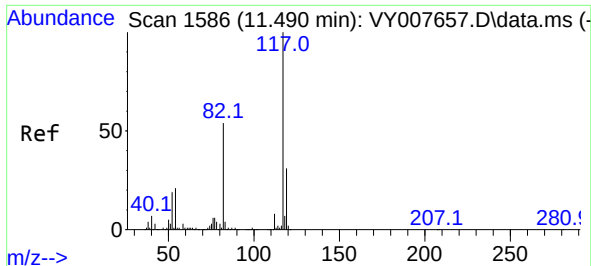
Tgt Ion: 98 Resp: 608323
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.090 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

Tgt Ion: 95 Resp: 197446
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.0
176 88.2 0.0 175.8

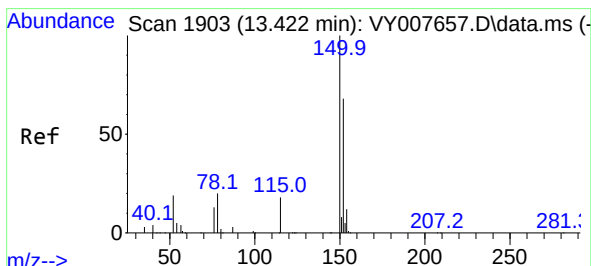
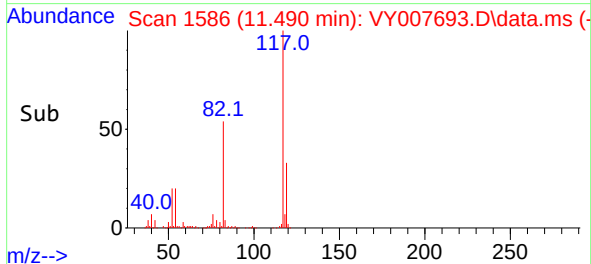
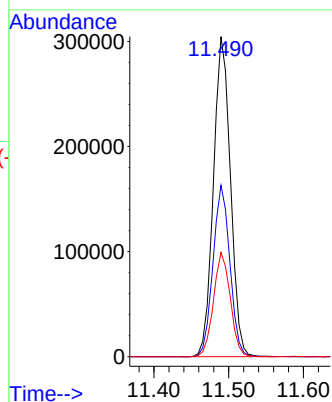
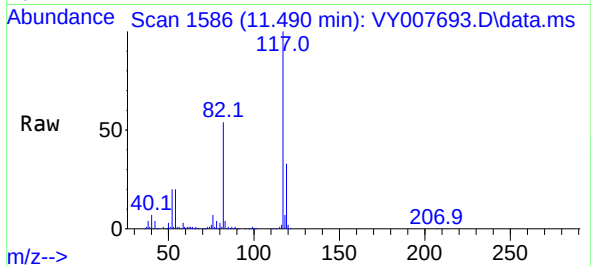




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

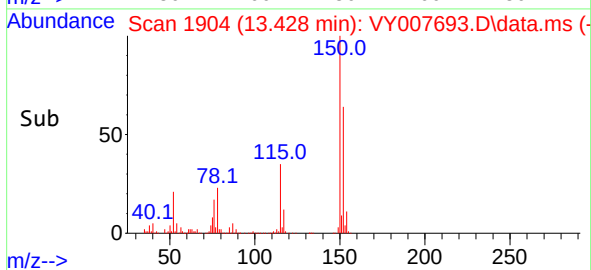
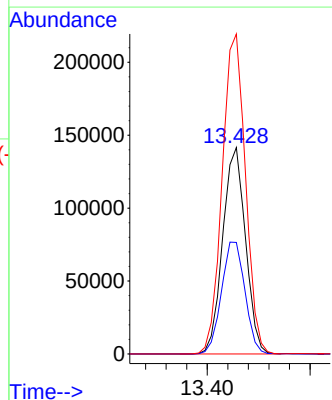
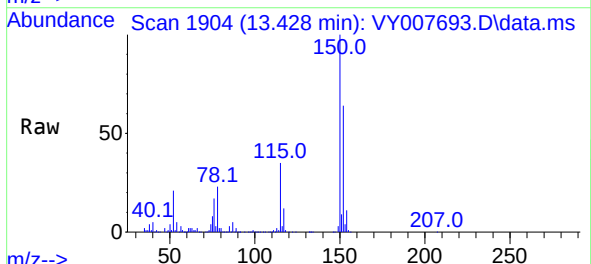
Instrument :
MSVOA_Y
ClientSampleId :

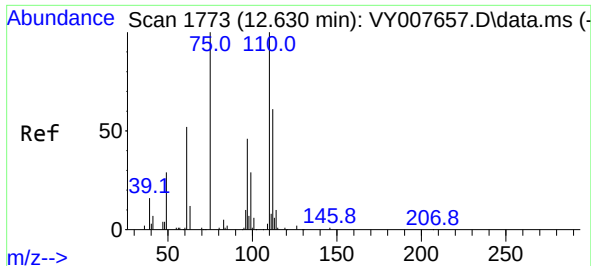
Tgt Ion:117 Resp: 483195
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

Tgt Ion:152 Resp: 217766
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 157.9 0.0 347.6

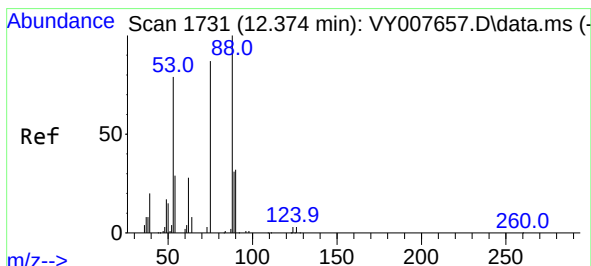
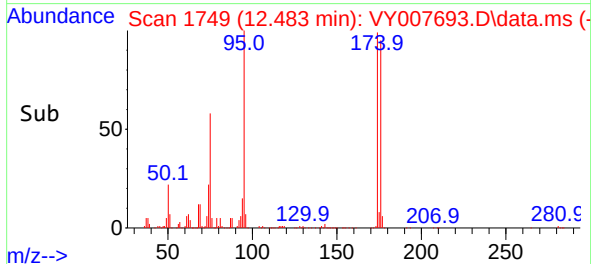
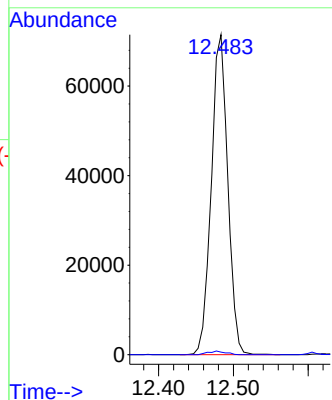
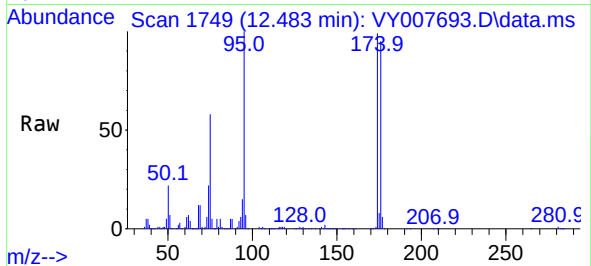




#76
1,2,3-Trichloropropane
Concen: 45.012 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 109466
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.021 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

Tgt Ion: 75 Resp: 109466
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

