

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
 Data File : VY007671.D
 Acq On : 01 Mar 2022 16:36
 Operator : SY/MD
 Sample : N1721-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 02 07:51:37 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)

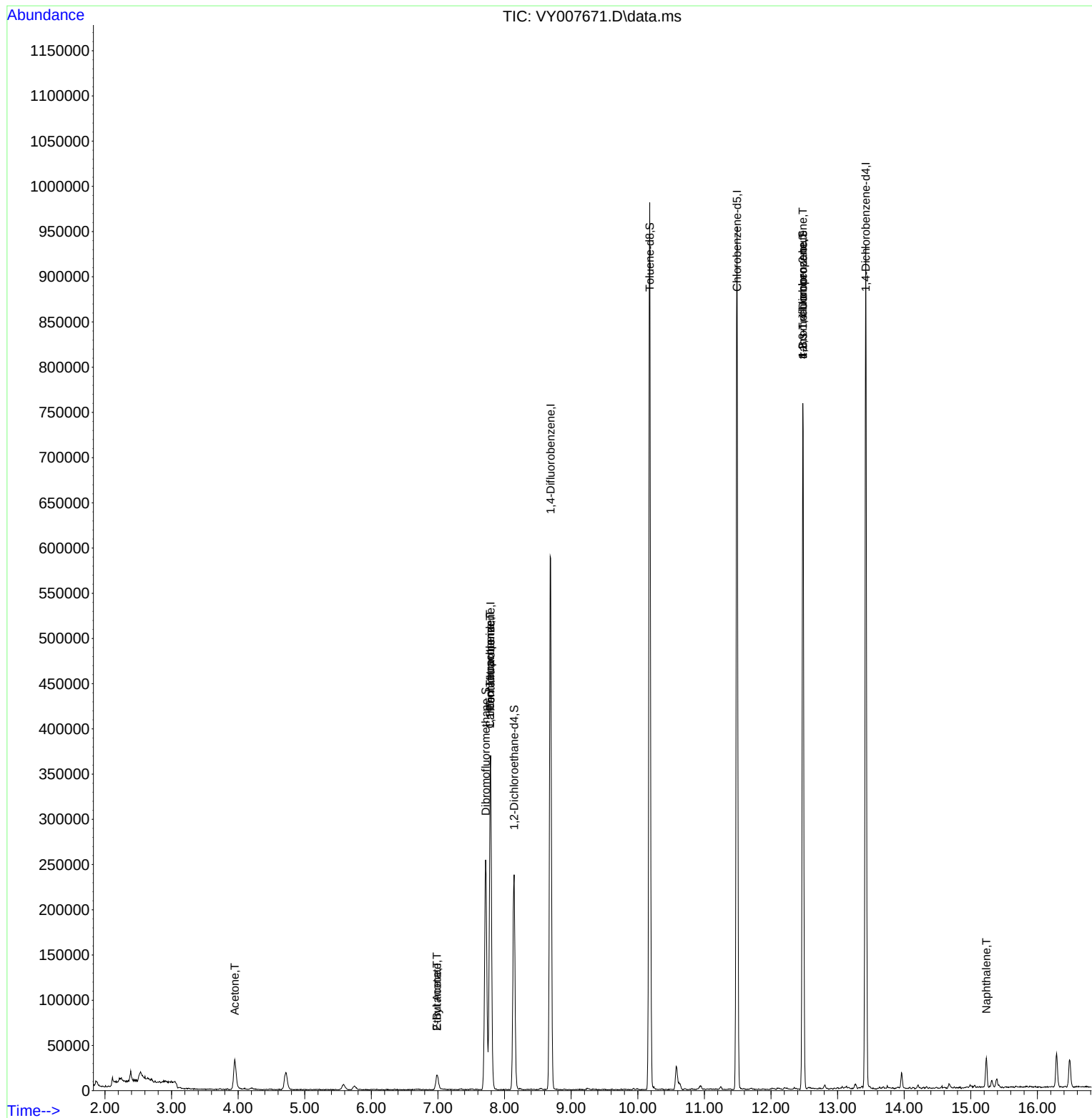
Internal Standards						
1) Pentafluorobenzene	7.789	168	286152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	509907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	505876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	229005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	177971	59.408	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.820%	
35) Dibromofluoromethane	7.716	113	175895	53.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.920%	
50) Toluene-d8	10.179	98	641068	53.421	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.840%	
62) 4-Bromofluorobenzene	12.477	95	202421	52.330	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.660%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	387	Below Cal	#	43
3) Chloromethane	2.113	50	4069	Below Cal		90
13) Acrolein	3.723	56	150	Below Cal	#	14
16) Acetone	3.948	43	56356	92.475	ug/l #	86
17) Carbon Disulfide	4.180	76	617	Below Cal	#	75
18) Methyl Acetate	4.473	43	876	Below Cal	#	85
25) 2-Butanone	6.984	43	27521	26.920	ug/l #	78
31) Cyclohexane	7.789	56	6441	Below Cal	#	24
36) 1,1-Dichloropropene	7.783	75	22336	4.355	ug/l #	51
37) Ethyl Acetate	6.984	43	27521	9.716	ug/l #	72
38) Carbon Tetrachloride	7.783	117	27670	5.058	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	114385	44.726	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	114385	91.437	ug/l #	7
95) Naphthalene	15.233	128	26314	2.814	ug/l	98

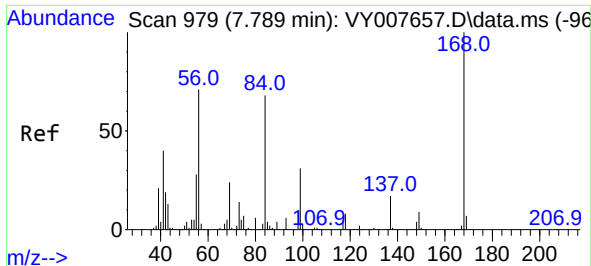
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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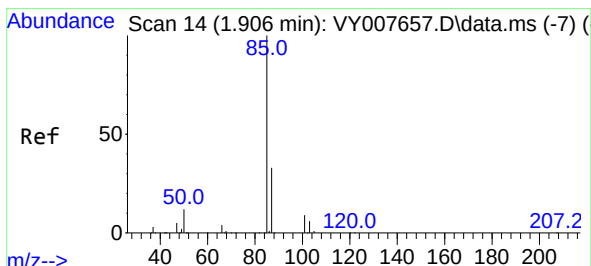
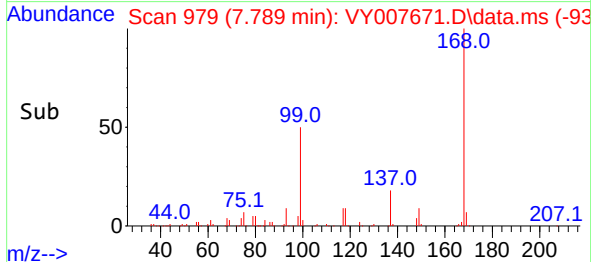
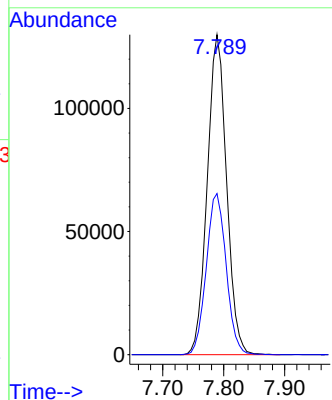
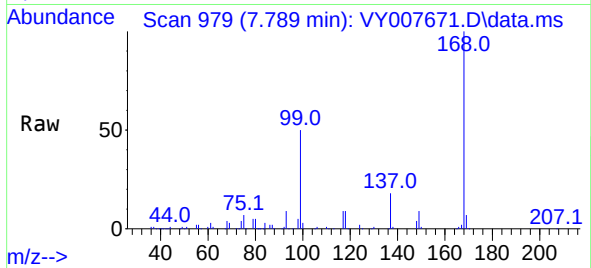




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007671.D
Acq: 01 Mar 2022 16:36

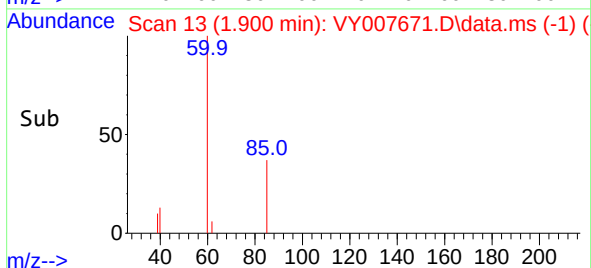
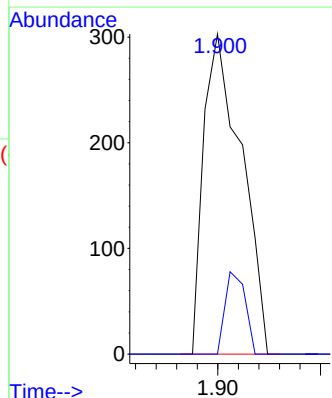
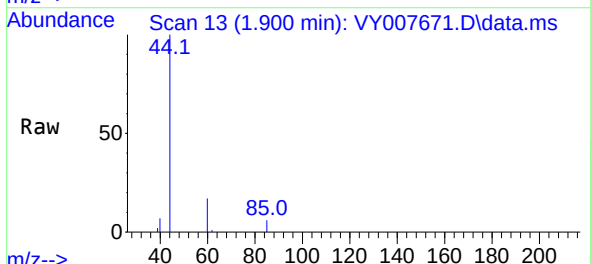
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 286152
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3

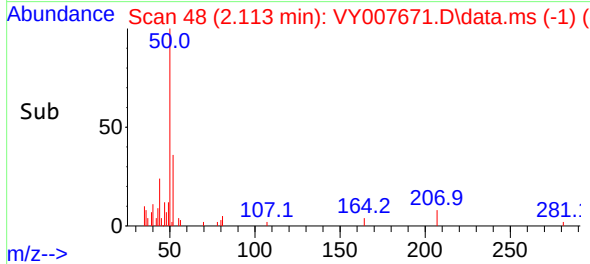
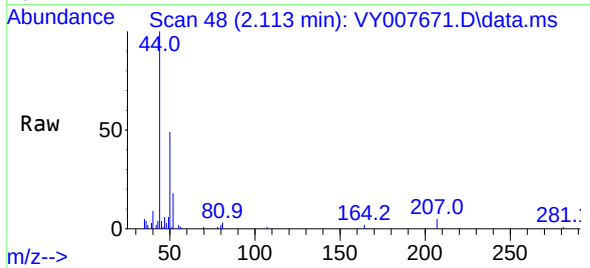
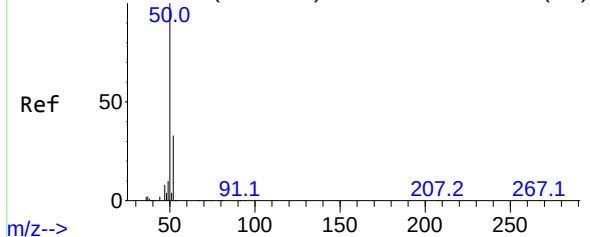


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY007671.D
Acq: 01 Mar 2022 16:36

Tgt Ion: 85 Resp: 387
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: VY007671.D

Acq: 01 Mar 2022 16:36

Instrument :

MSVOA_Y

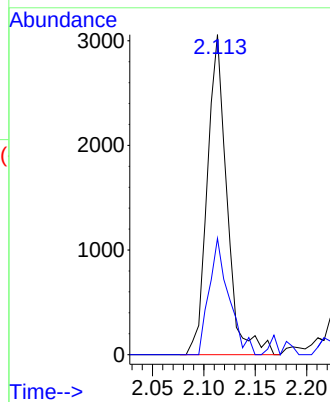
ClientSampleId :

Tgt Ion: 50 Resp: 4069

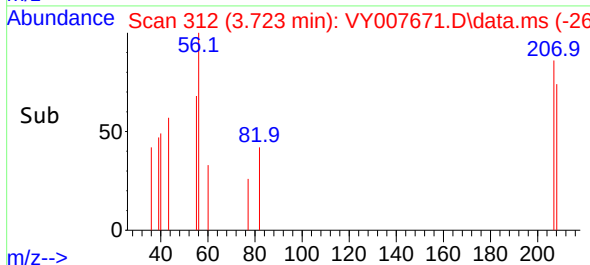
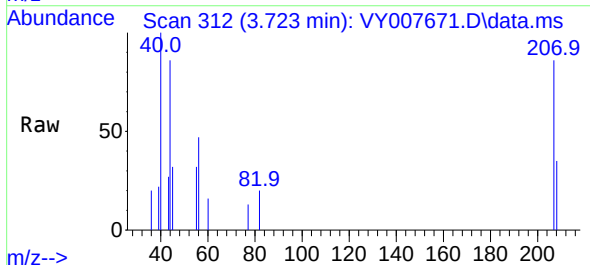
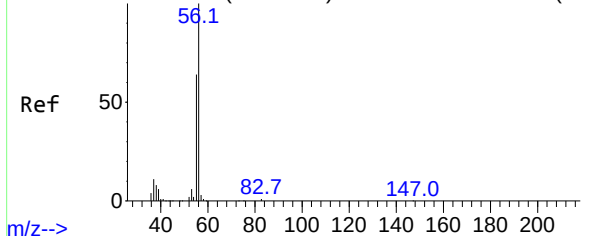
Ion Ratio Lower Upper

50 100

52 36.4 24.6 37.0



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



#13

Acrolein

Concen: Below Cal

RT: 3.723 min Scan# 312

Delta R.T. -0.006 min

Lab File: VY007671.D

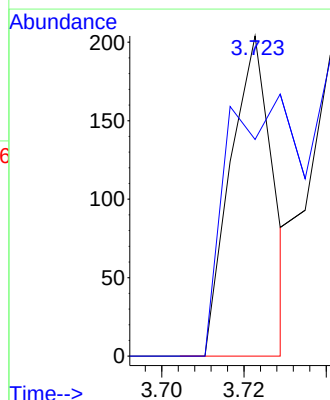
Acq: 01 Mar 2022 16:36

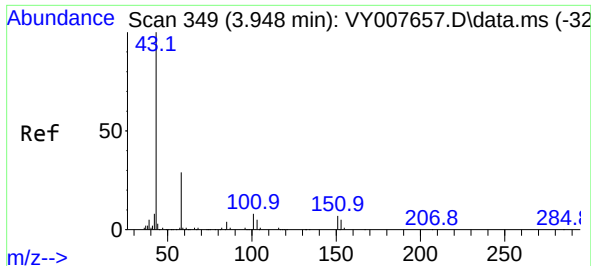
Tgt Ion: 56 Resp: 150

Ion Ratio Lower Upper

56 100

55 0.0 57.6 86.4#

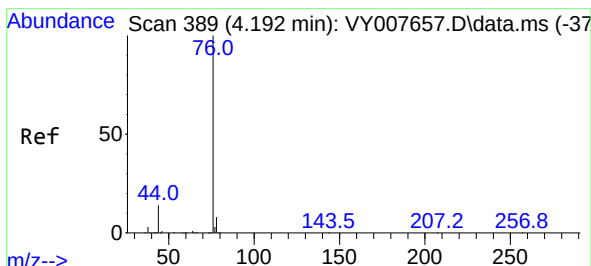
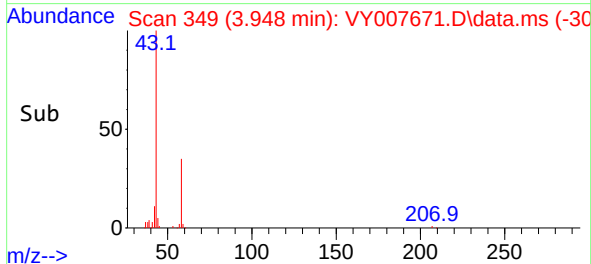
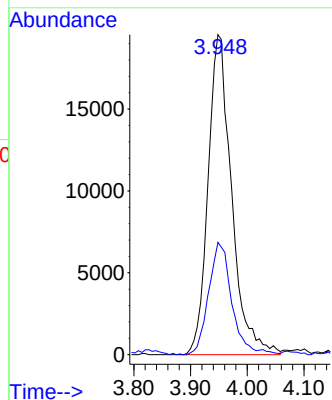
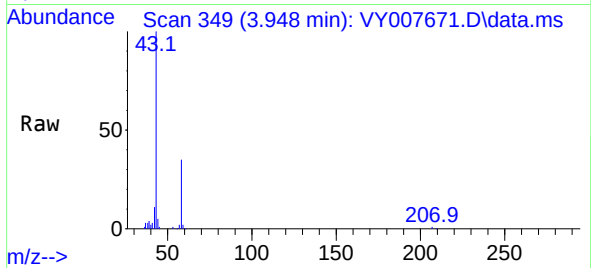




#16
Acetone
Concen: 92.475 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007671.D
Acq: 01 Mar 2022 16:36

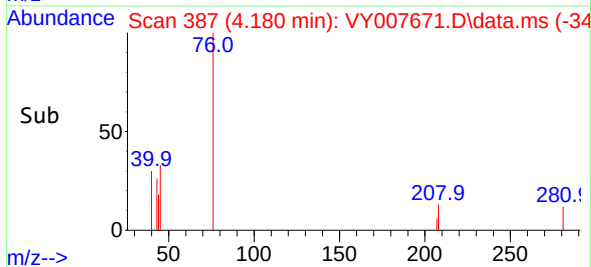
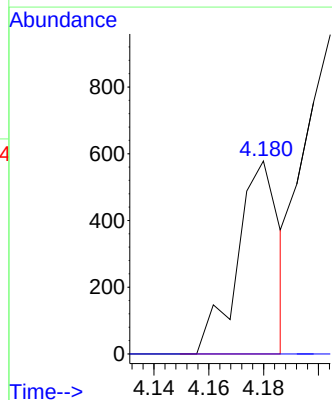
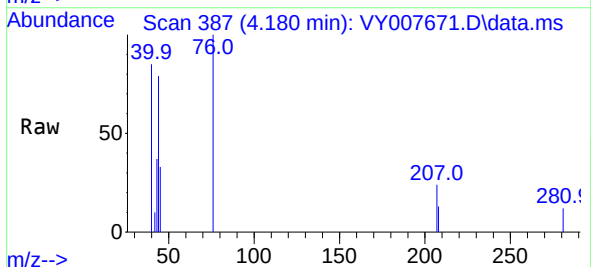
Instrument :
MSVOA_Y
ClientSampleId :

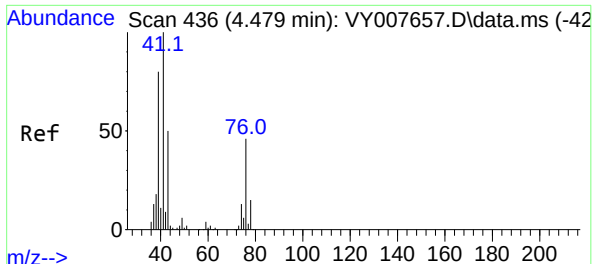
Tgt Ion: 43 Resp: 56356
Ion Ratio Lower Upper
43 100
58 34.8 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.180 min Scan# 387
Delta R.T. -0.012 min
Lab File: VY007671.D
Acq: 01 Mar 2022 16:36

Tgt Ion: 76 Resp: 617
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.473 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY007671.D

Acq: 01 Mar 2022 16:36

Instrument :

MSVOA_Y

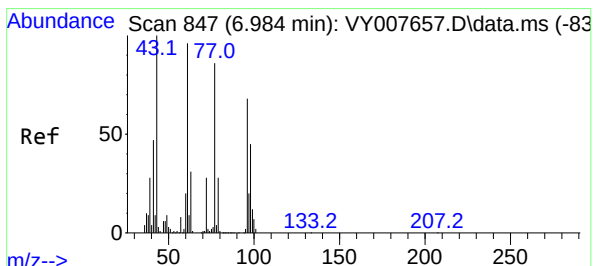
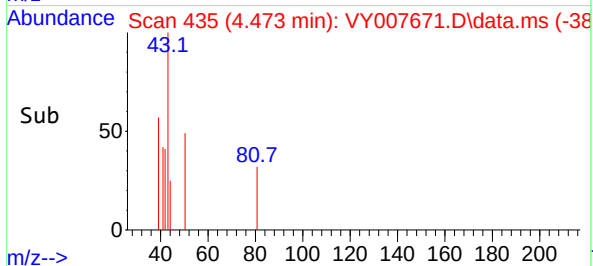
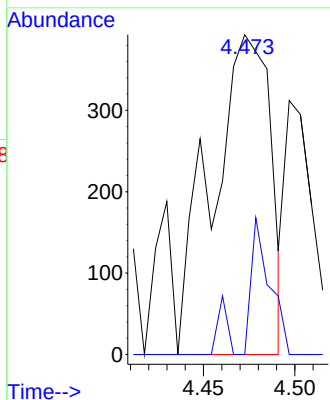
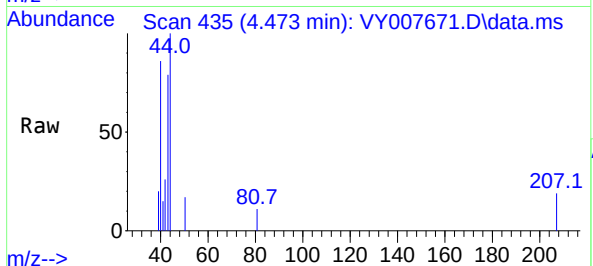
ClientSampleId :

Tgt Ion: 43 Resp: 876

Ion Ratio Lower Upper

43 100

74 13.6 16.6 24.8#



#25

2-Butanone

Concen: 26.920 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007671.D

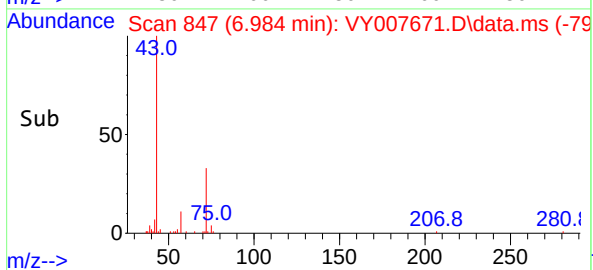
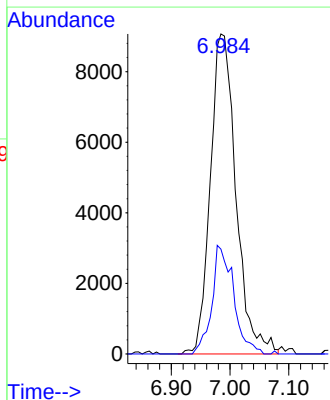
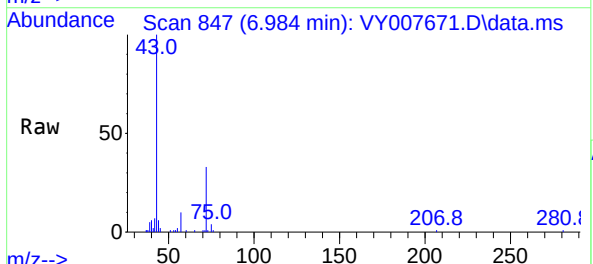
Acq: 01 Mar 2022 16:36

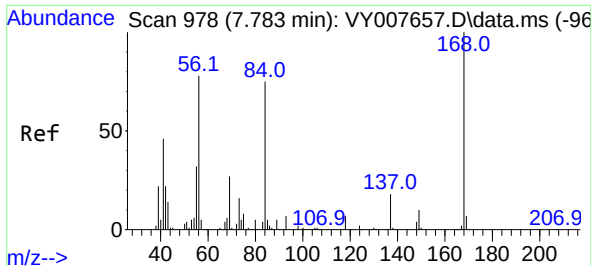
Tgt Ion: 43 Resp: 27521

Ion Ratio Lower Upper

43 100

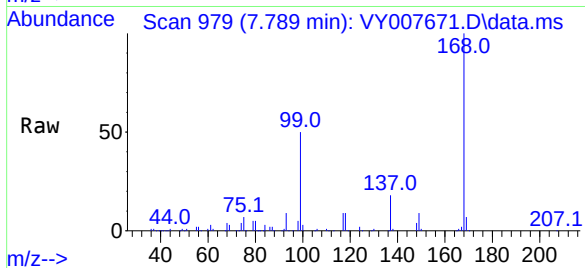
72 32.8 17.7 26.5#



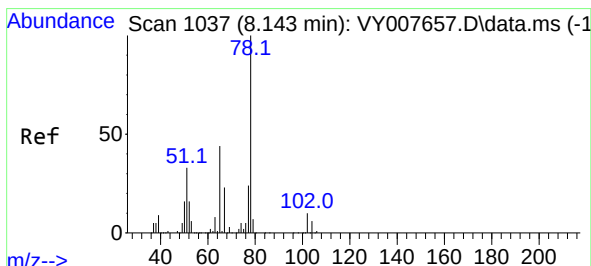
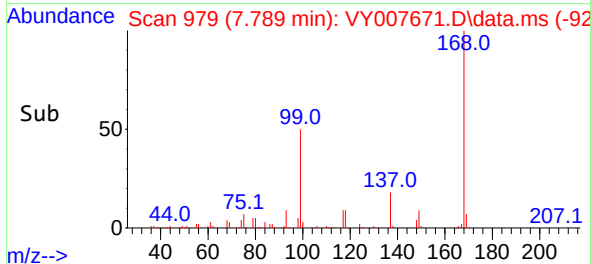
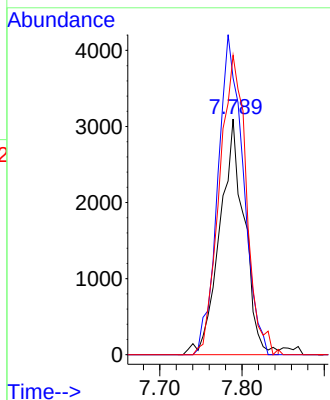


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007671.D
Acq: 01 Mar 2022 16:36

Instrument :
MSVOA_Y
ClientSampleId :

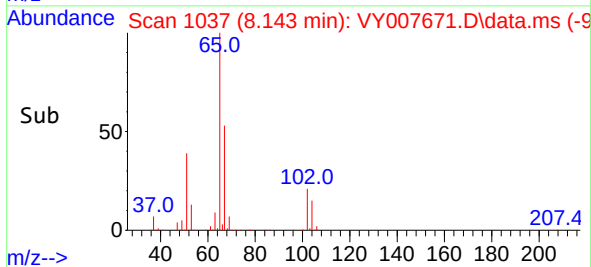
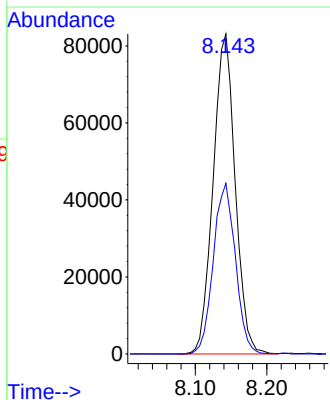
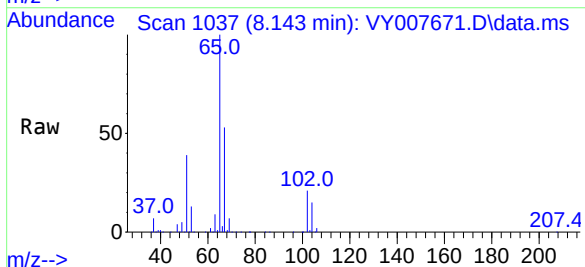


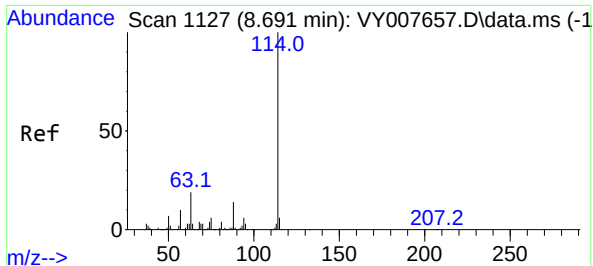
Tgt Ion: 56 Resp: 6441
Ion Ratio Lower Upper
56 100
69 117.3 26.7 40.1#
84 127.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 59.408 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007671.D
Acq: 01 Mar 2022 16:36

Tgt Ion: 65 Resp: 177971
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: VY007671.D

Acq: 01 Mar 2022 16:36

Instrument :

MSVOA_Y

ClientSampleId :

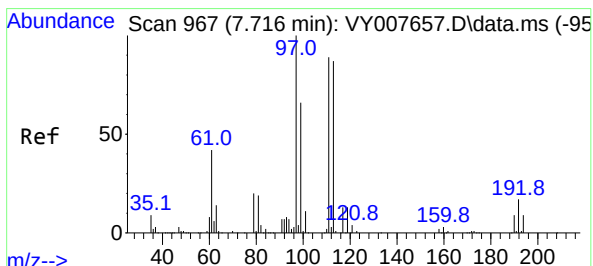
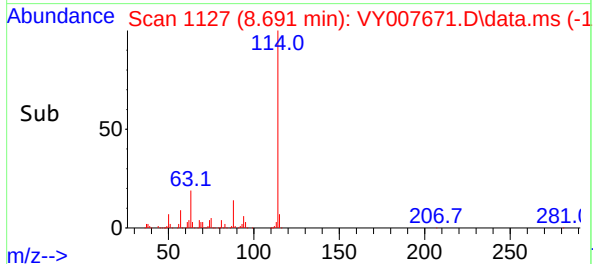
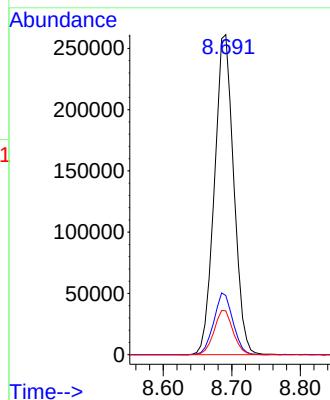
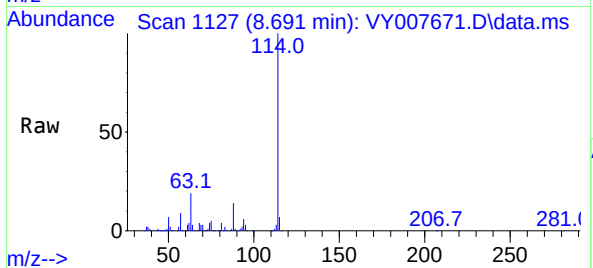
Tgt Ion:114 Resp: 509907

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.956 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007671.D

Acq: 01 Mar 2022 16:36

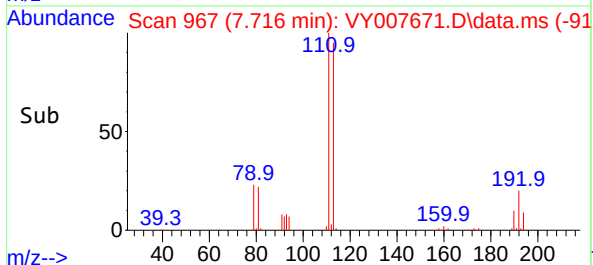
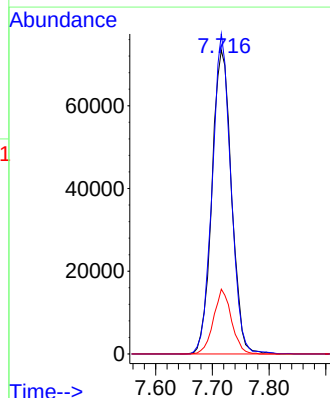
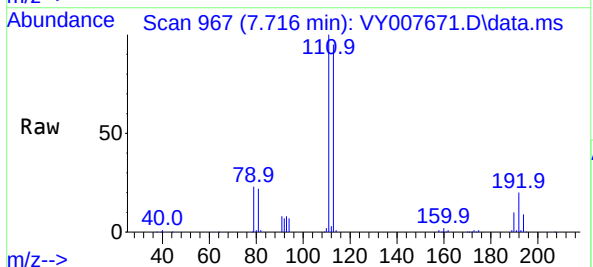
Tgt Ion:113 Resp: 175895

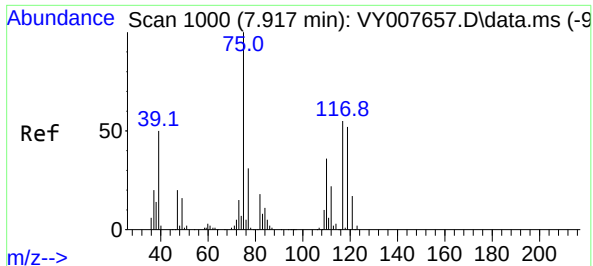
Ion Ratio Lower Upper

113 100

111 100.7 82.6 124.0

192 19.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.355 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

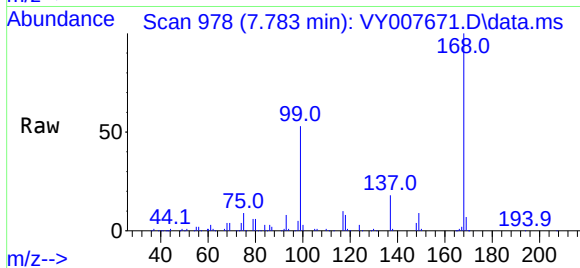
Lab File: VY007671.D

Acq: 01 Mar 2022 16:36

Instrument :

MSVOA_Y

ClientSampleId :



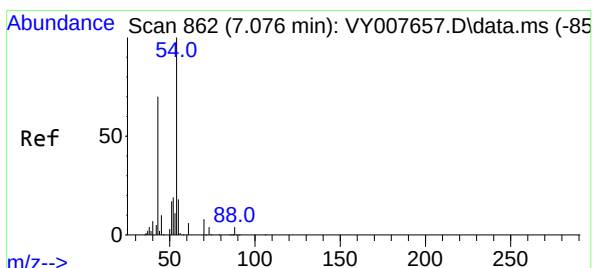
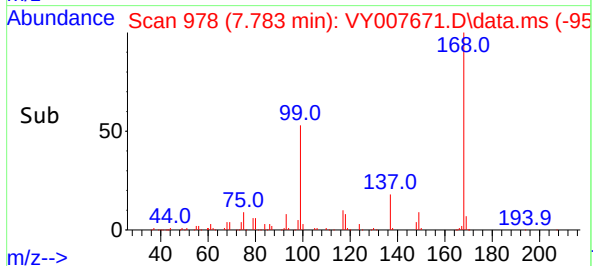
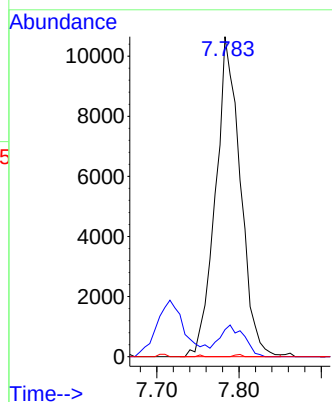
Tgt Ion: 75 Resp: 22336

Ion Ratio Lower Upper

75 100

110 9.7 17.1 51.2#

77 0.2 24.4 36.6#



#37

Ethyl Acetate

Concen: 9.716 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.092 min

Lab File: VY007671.D

Acq: 01 Mar 2022 16:36

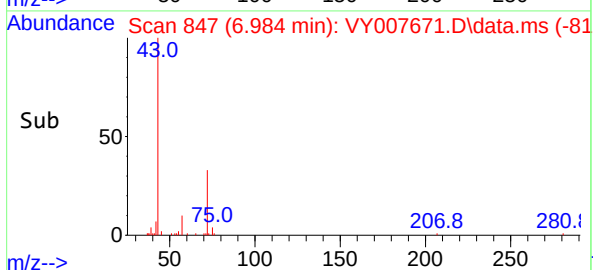
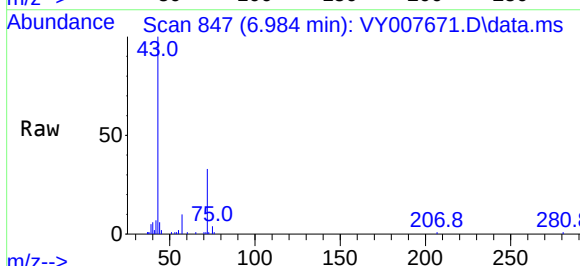
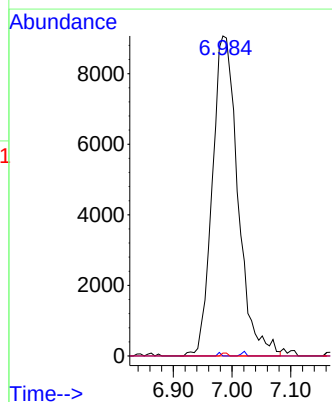
Tgt Ion: 43 Resp: 27521

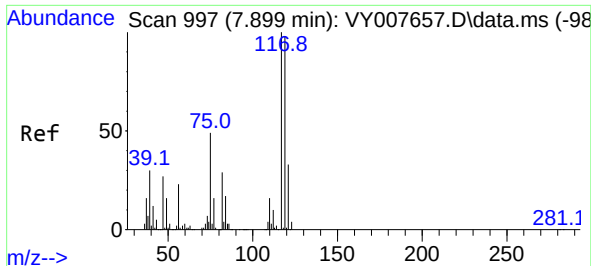
Ion Ratio Lower Upper

43 100

61 0.1 9.7 14.5#

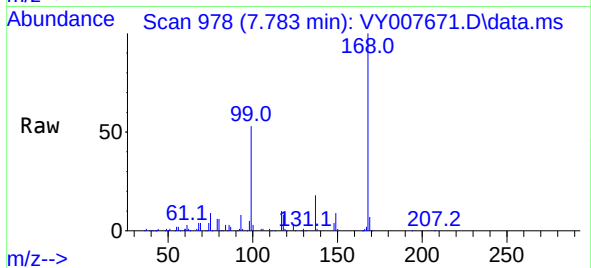
70 0.2 7.1 10.7#



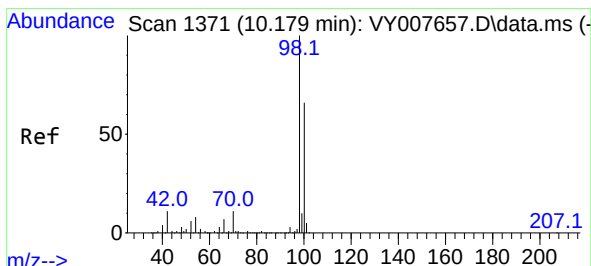
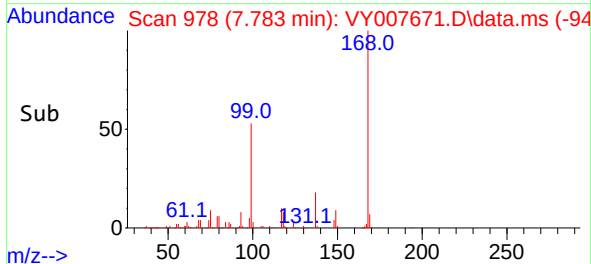
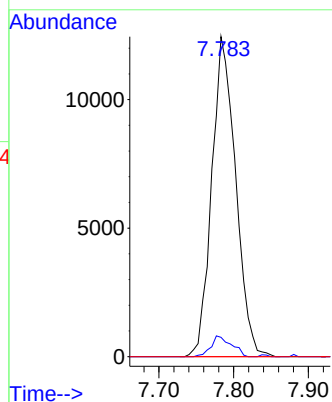


#38
Carbon Tetrachloride
Concen: 5.058 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007671.D
Acq: 01 Mar 2022 16:36

Instrument :
MSVOA_Y
ClientSampleId :

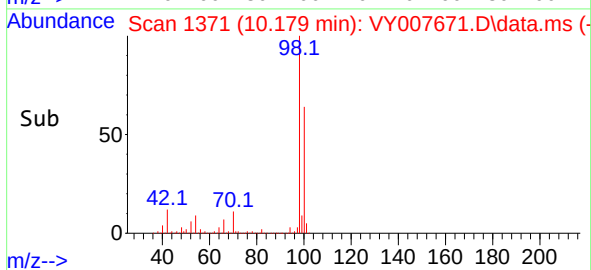
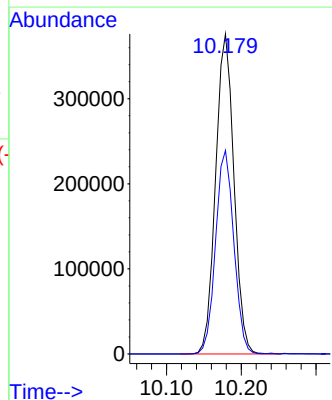
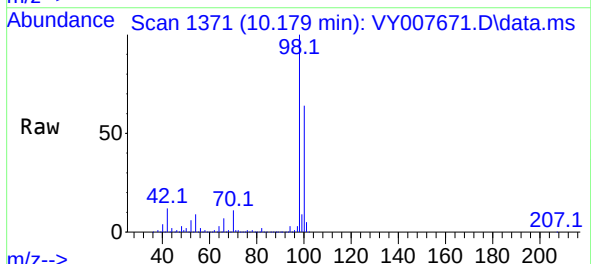


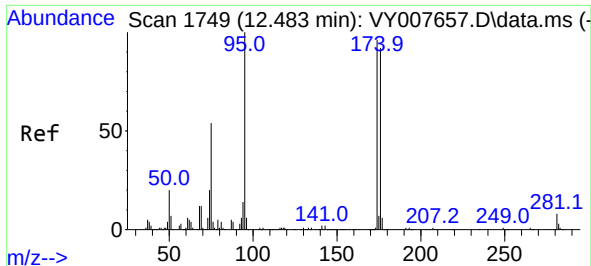
Tgt Ion:117 Resp: 27670
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.421 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007671.D
Acq: 01 Mar 2022 16:36

Tgt Ion: 98 Resp: 641068
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2

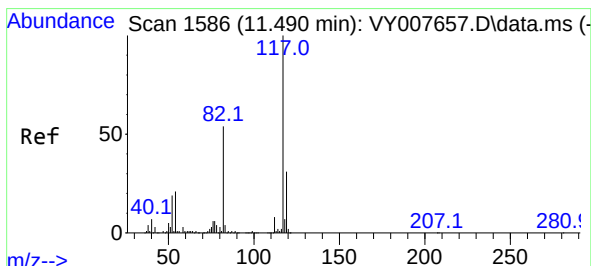
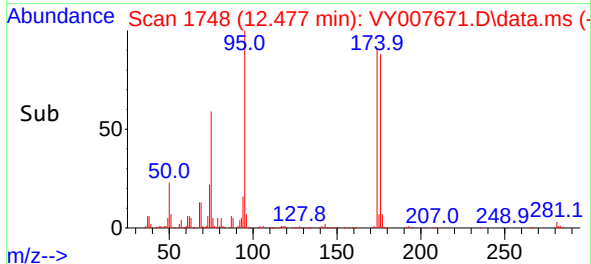
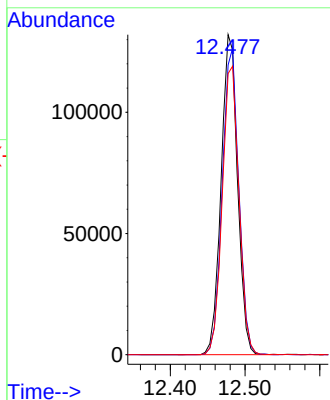
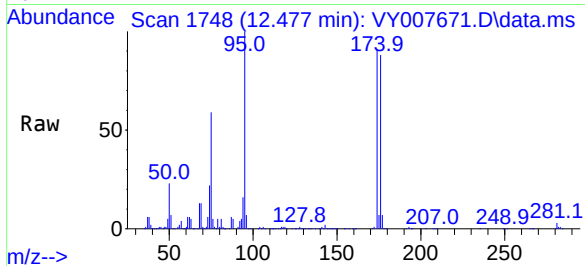




#62
4-Bromofluorobenzene
Concen: 52.330 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007671.D
Acq: 01 Mar 2022 16:36

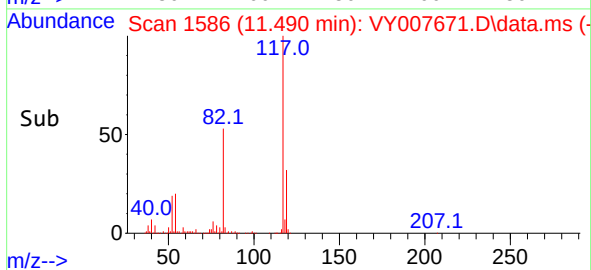
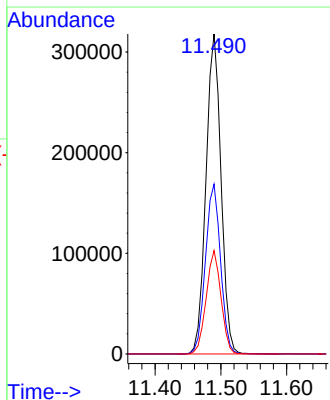
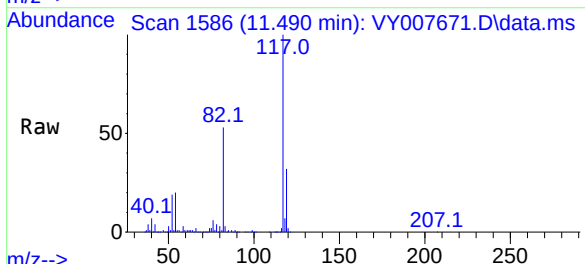
Instrument :
MSVOA_Y
ClientSampleId :

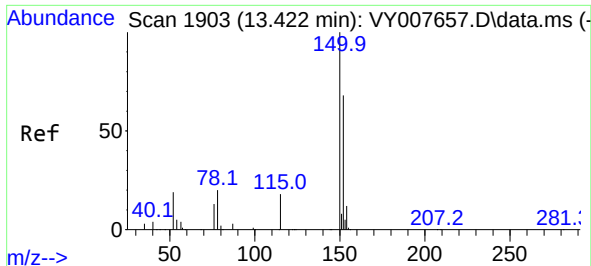
Tgt Ion: 95 Resp: 202421
Ion Ratio Lower Upper
95 100
174 96.0 0.0 177.0
176 91.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007671.D
Acq: 01 Mar 2022 16:36

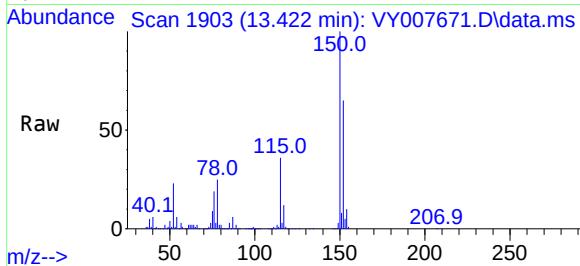
Tgt Ion: 117 Resp: 505876
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 32.3 25.4 38.0





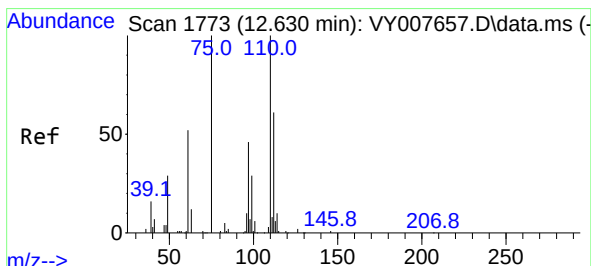
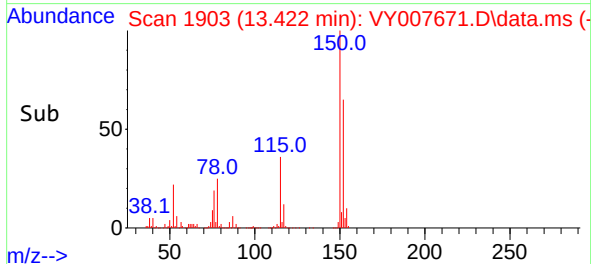
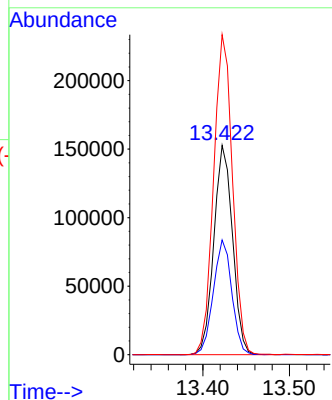
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007671.D
 Acq: 01 Mar 2022 16:36

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:152 Resp: 229005

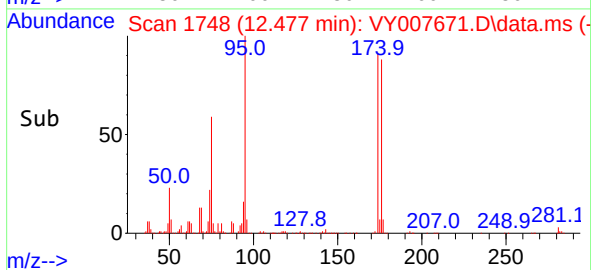
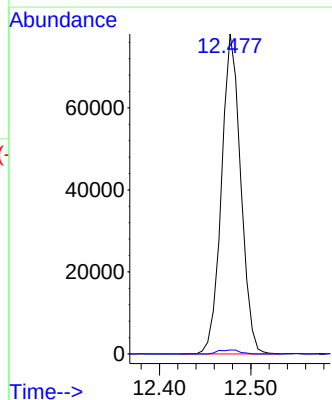
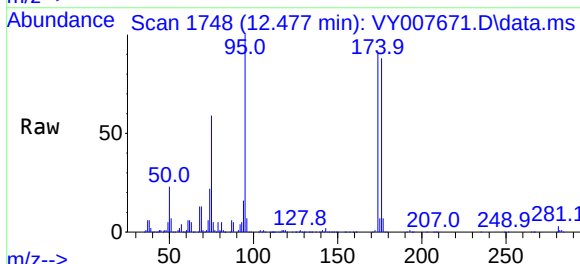
Ion	Ratio	Lower	Upper
152	100		
115	54.2	28.2	84.7
150	154.4	0.0	347.6

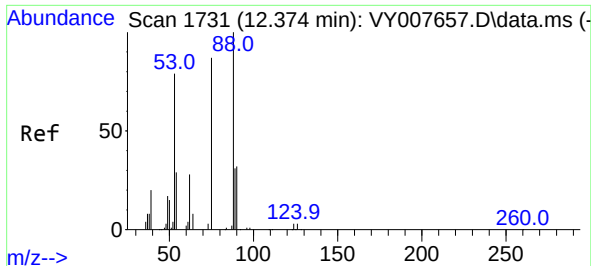


#76
 1,2,3-Trichloropropane
 Concen: 44.726 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY007671.D
 Acq: 01 Mar 2022 16:36

Tgt Ion: 75 Resp: 114385

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

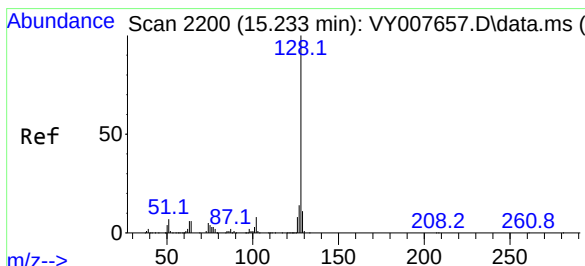
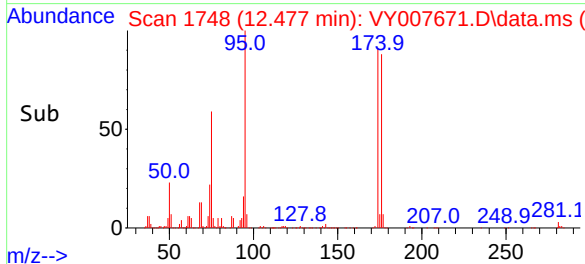
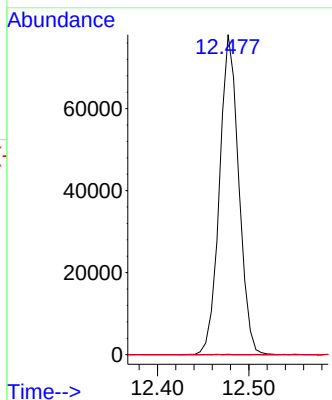
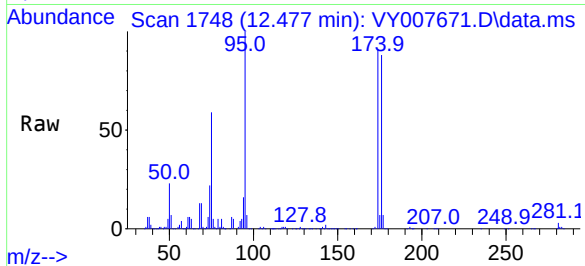




#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.437 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007671.D
 Acq: 01 Mar 2022 16:36

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 114385
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#



#95
 Naphthalene
 Concen: 2.814 ug/l
 RT: 15.233 min Scan# 2200
 Delta R.T. -0.000 min
 Lab File: VY007671.D
 Acq: 01 Mar 2022 16:36

Tgt Ion:128 Resp: 26314
 Ion Ratio Lower Upper
 128 100
 127 13.9 11.0 16.4
 129 12.1 8.4 12.6

