

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007704.D
 Acq On : 03 Mar 2022 15:08
 Operator : SY/MD
 Sample : N1751-07
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 04 00:41:45 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)

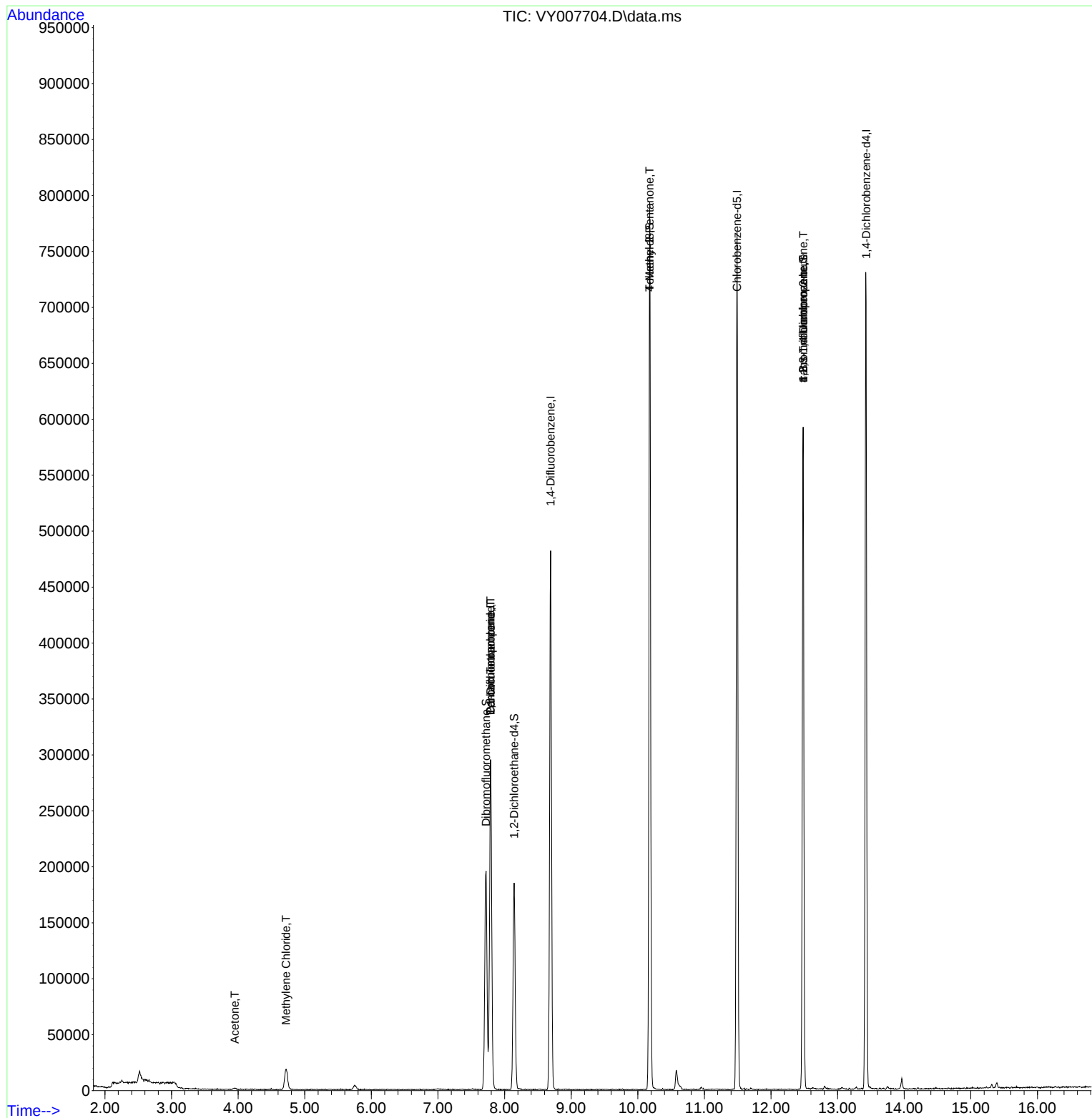
Internal Standards						
1) Pentafluorobenzene	7.789	168	229153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	409136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	407176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	186459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	141843	59.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.260%	
35) Dibromofluoromethane	7.722	113	137935	52.733	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.460%	
50) Toluene-d8	10.179	98	513608	53.342	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.680%	
62) 4-Bromofluorobenzene	12.483	95	163002	52.518	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.040%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	361	Below Cal	#	43
3) Chloromethane	2.113	50	1587	Below Cal		96
13) Acrolein	3.729	56	32	Below Cal		100
16) Acetone	3.948	43	2173	4.453	ug/l	92
17) Carbon Disulfide	4.186	76	20	Below Cal	#	1
18) Methyl Acetate	4.466	43	393	Below Cal	#	73
20) Methylene Chloride	4.716	84	14586	2.058	ug/l #	77
31) Cyclohexane	7.789	56	4892	Below Cal	#	31
36) 1,1-Dichloropropene	7.789	75	17395	4.227	ug/l #	52
38) Carbon Tetrachloride	7.789	117	21533	4.906	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	2475	1.101	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	92731	44.533	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	92731	91.042	ug/l #	7

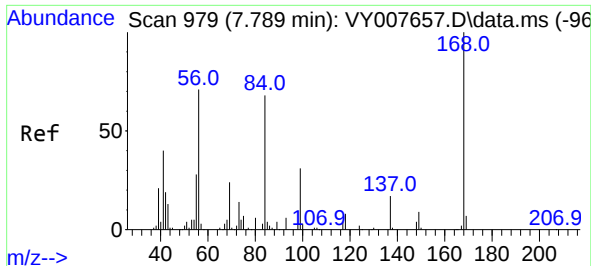
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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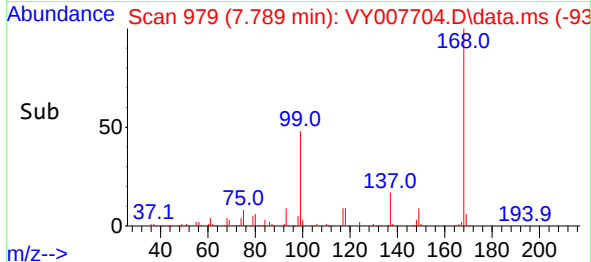
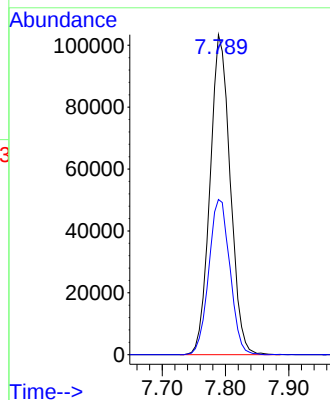
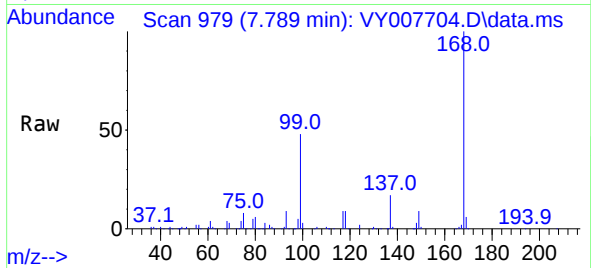




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

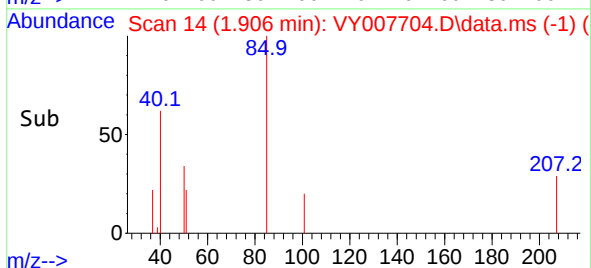
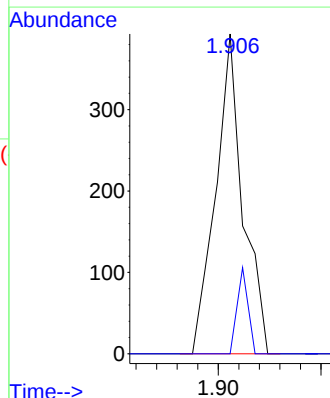
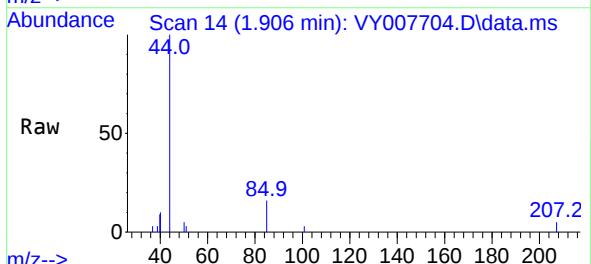
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 229153
Ion Ratio Lower Upper
168 100
99 48.5 46.9 70.3

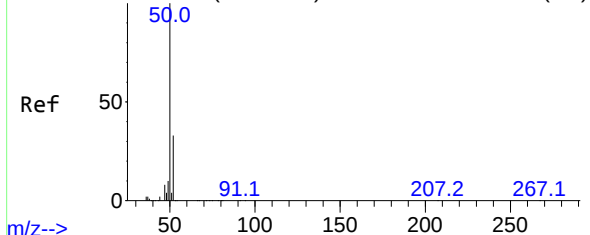


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

Tgt Ion: 85 Resp: 361
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: VY007704.D

Acq: 03 Mar 2022 15:08

Instrument :

MSVOA_Y

ClientSampleId :

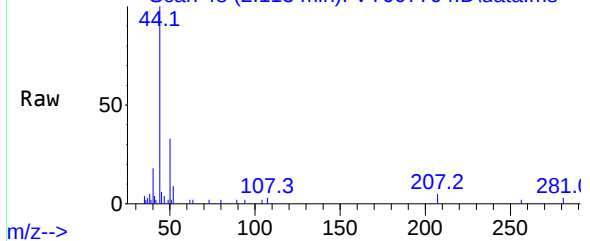
Tgt Ion: 50 Resp: 1587

Ion Ratio Lower Upper

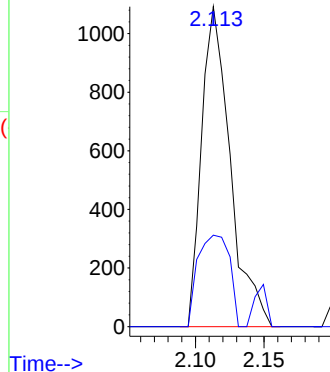
50 100

52 28.6 24.6 37.0

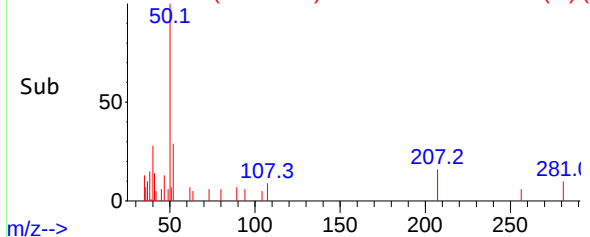
Abundance Scan 48 (2.113 min): VY007704.D\data.ms



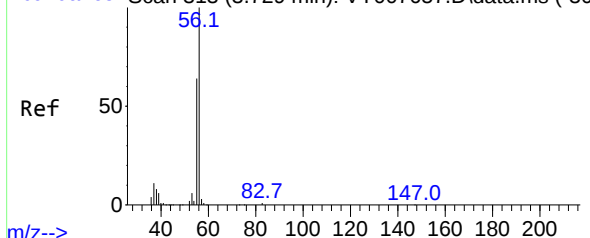
Abundance



Abundance Scan 48 (2.113 min): VY007704.D\data.ms (-1)



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: VY007704.D

Acq: 03 Mar 2022 15:08

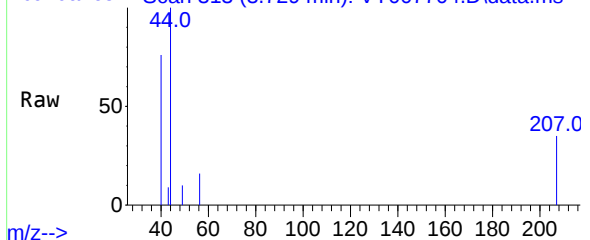
Tgt Ion: 56 Resp: 32

Ion Ratio Lower Upper

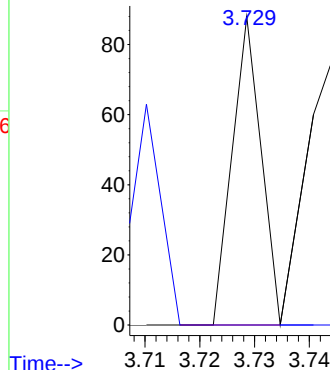
56 100

55 71.9 57.6 86.4

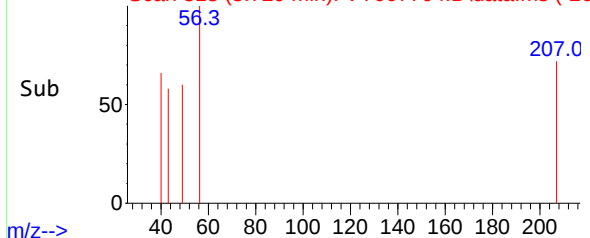
Abundance Scan 313 (3.729 min): VY007704.D\data.ms



Abundance



Abundance Scan 313 (3.729 min): VY007704.D\data.ms (-26)

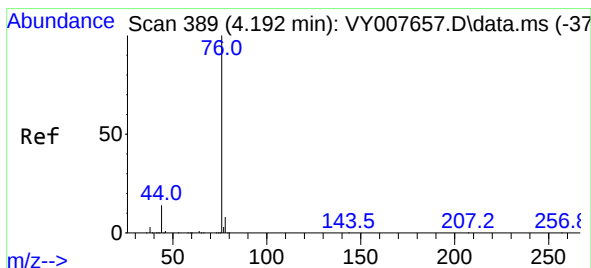
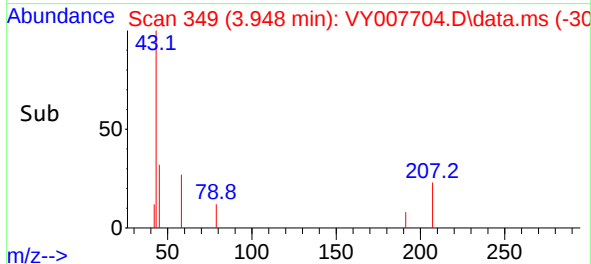
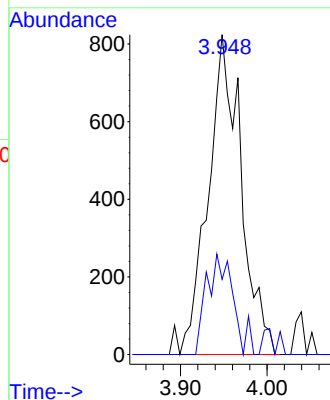
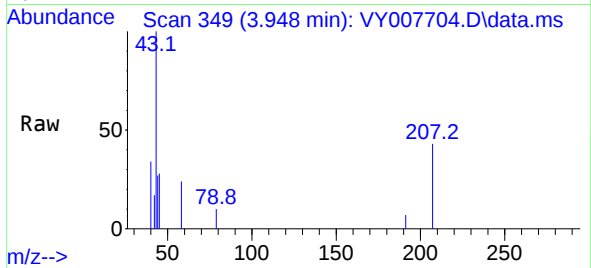




#16
Acetone
Concen: 4.453 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

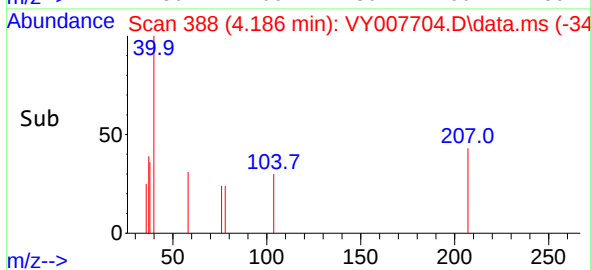
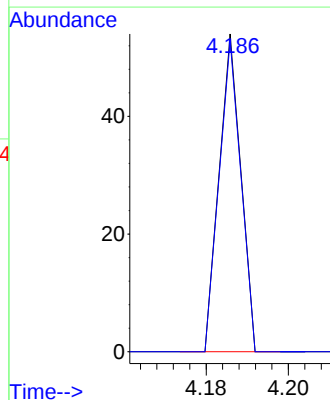
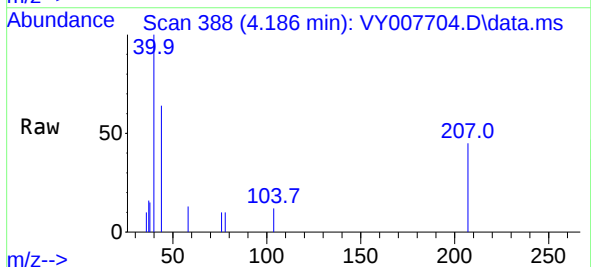
Instrument :
MSVOA_Y
ClientSampleId :

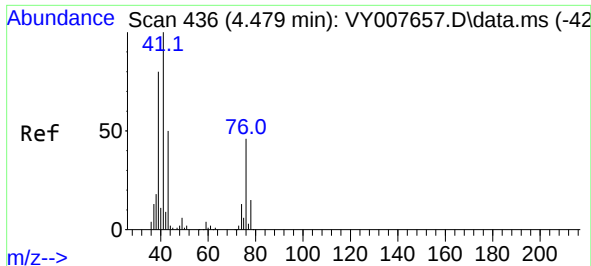
Tgt Ion: 43 Resp: 2173
Ion Ratio Lower Upper
43 100
58 23.5 22.0 33.0



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

Tgt Ion: 76 Resp: 20
Ion Ratio Lower Upper
76 100
78 98.1 7.4 11.0#

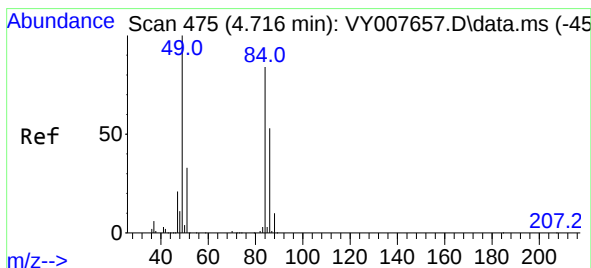
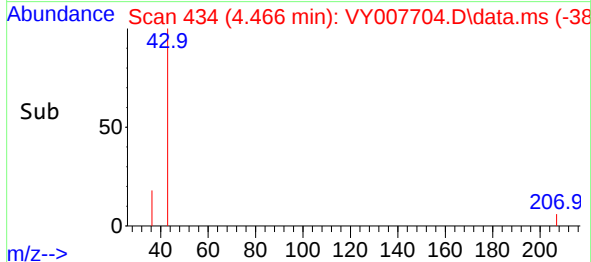
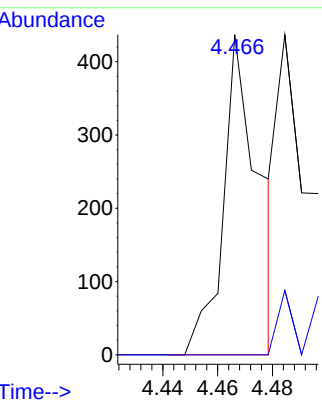
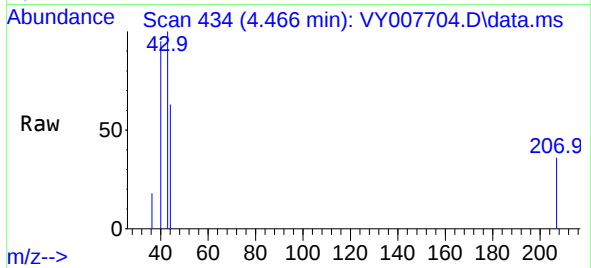




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

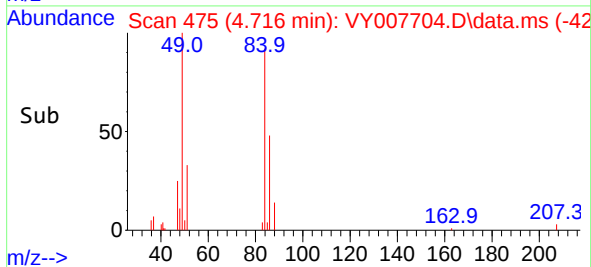
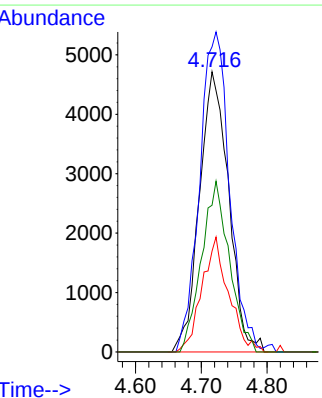
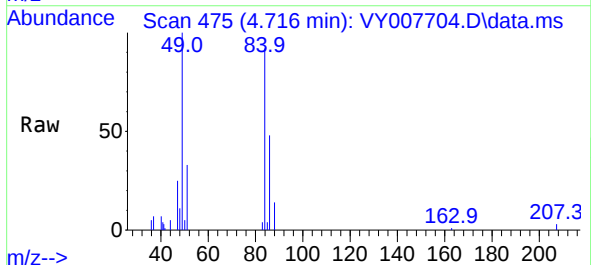
Instrument :
MSVOA_Y
ClientSampleId :

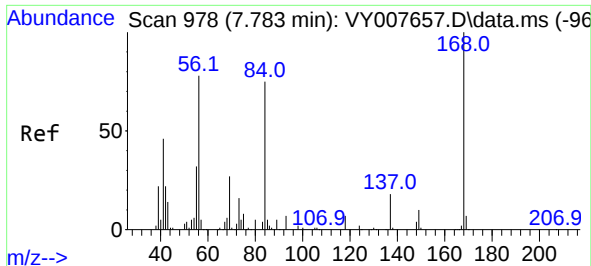
Tgt Ion: 43 Resp: 393
Ion Ratio Lower Upper
43 100
74 8.1 16.6 24.8#



#20
Methylene Chloride
Concen: 2.058 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

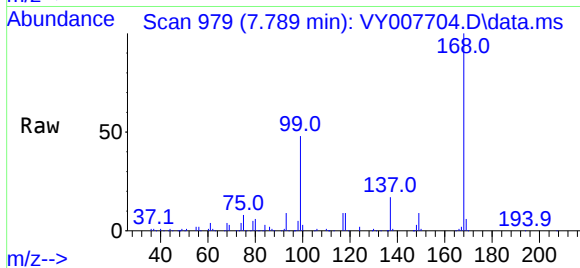
Tgt Ion: 84 Resp: 14586
Ion Ratio Lower Upper
84 100
49 108.9 114.4 171.6#
51 36.0 35.3 52.9
86 52.3 53.7 80.5#



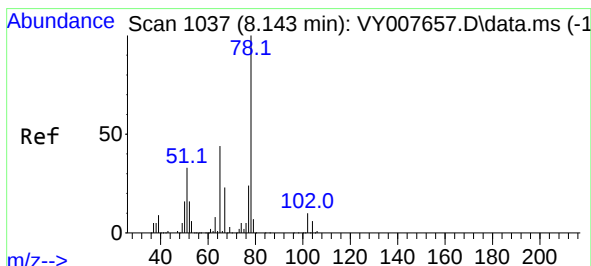
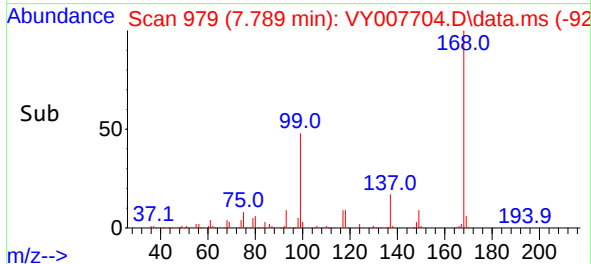
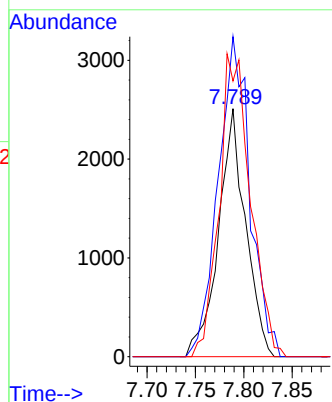


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

Instrument :
MSVOA_Y
ClientSampleId :

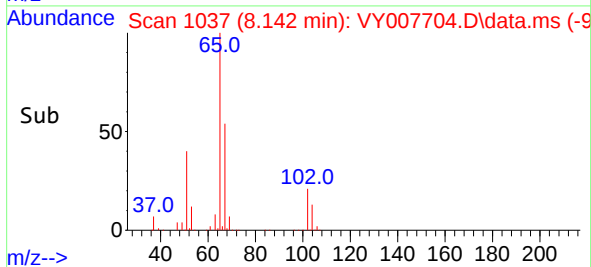
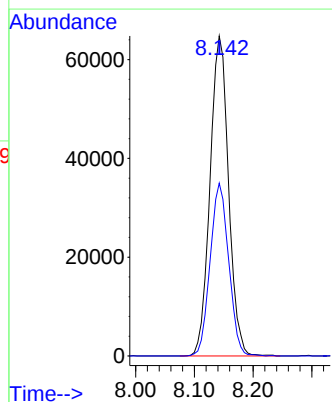
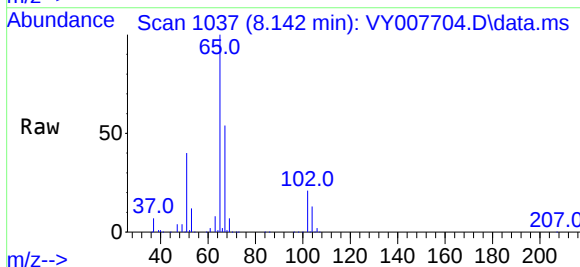


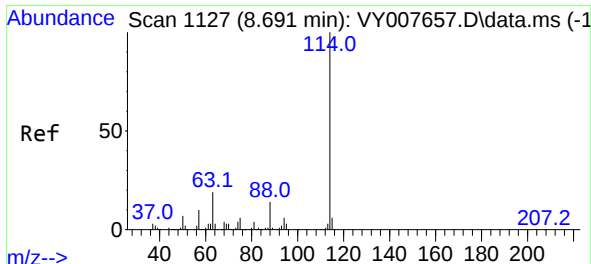
Tgt Ion: 56 Resp: 4892
Ion Ratio Lower Upper
56 100
69 129.0 26.7 40.1#
84 111.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 59.125 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

Tgt Ion: 65 Resp: 141843
Ion Ratio Lower Upper
65 100
67 54.0 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: VY007704.D

Acq: 03 Mar 2022 15:08

Instrument :

MSVOA_Y

ClientSampleId :

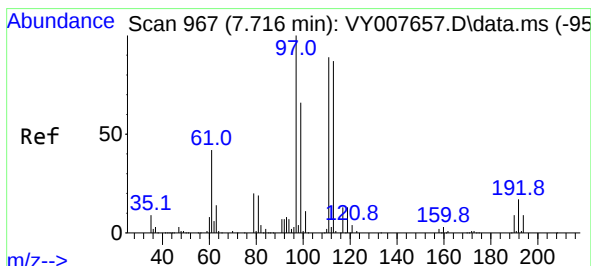
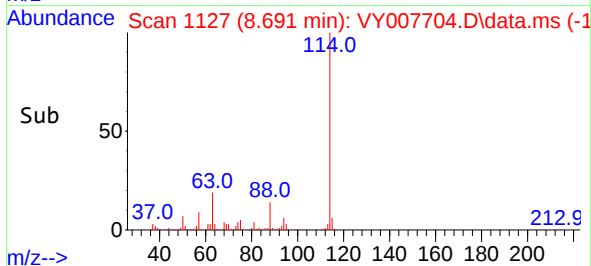
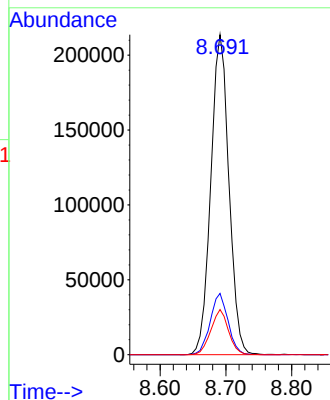
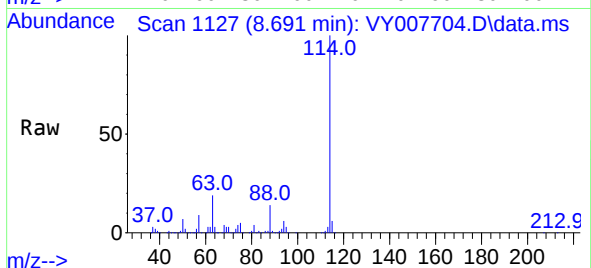
Tgt Ion:114 Resp: 409136

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.733 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007704.D

Acq: 03 Mar 2022 15:08

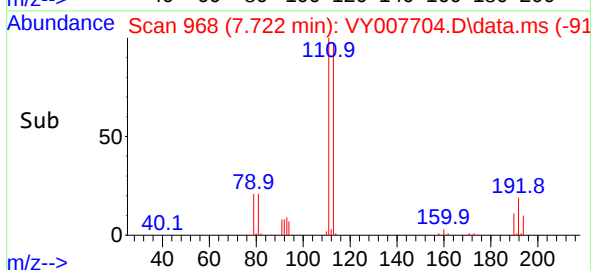
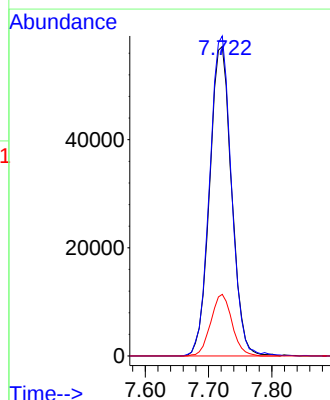
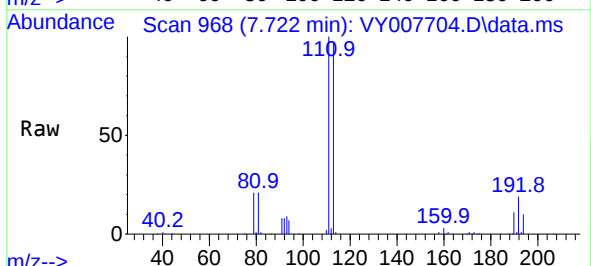
Tgt Ion:113 Resp: 137935

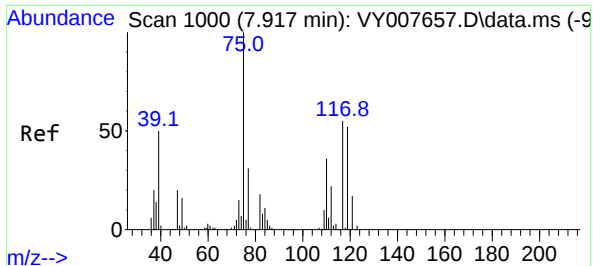
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 19.3 17.6 26.4

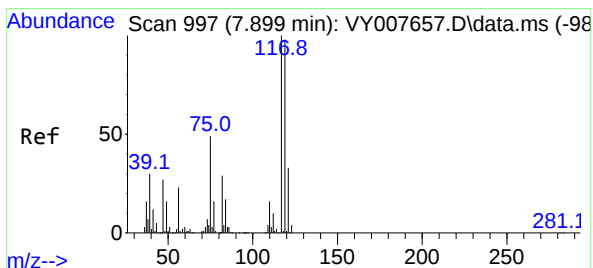
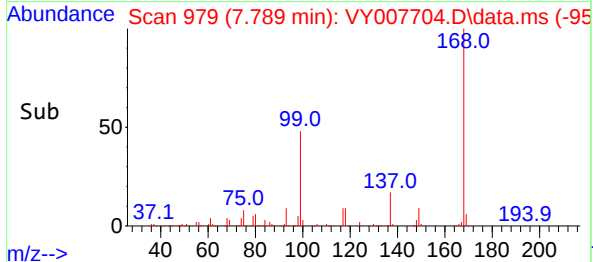
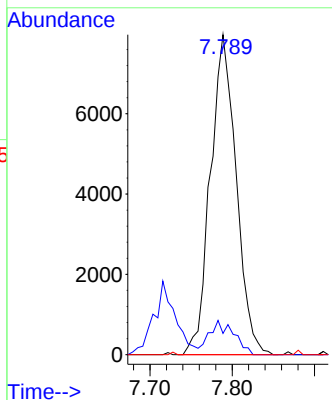
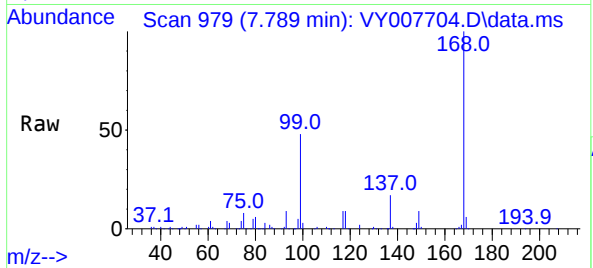




#36
1,1-Dichloropropene
Concen: 4.227 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

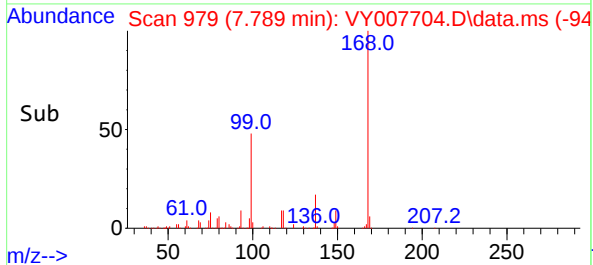
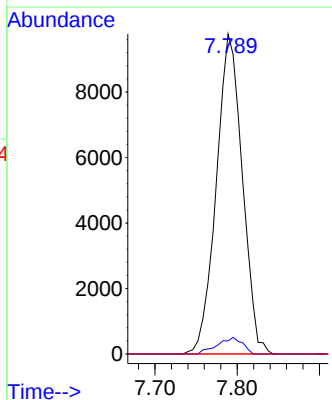
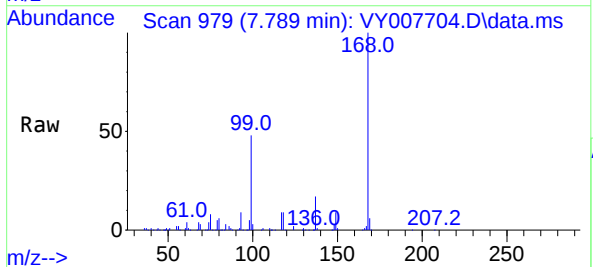
Instrument :
MSVOA_Y
ClientSampleId :

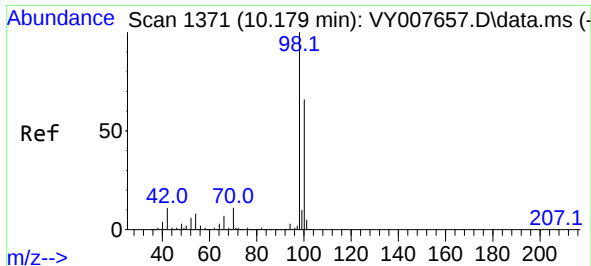
Tgt Ion: 75 Resp: 17395
Ion Ratio Lower Upper
75 100
110 10.1 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.906 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

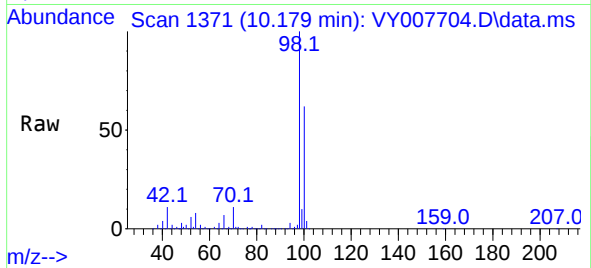
Tgt Ion: 117 Resp: 21533
Ion Ratio Lower Upper
117 100
119 4.1 77.9 116.9#
121 0.0 24.8 37.2#



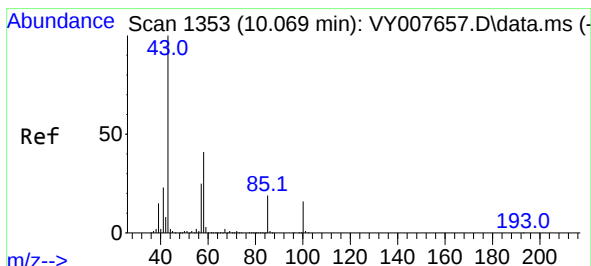
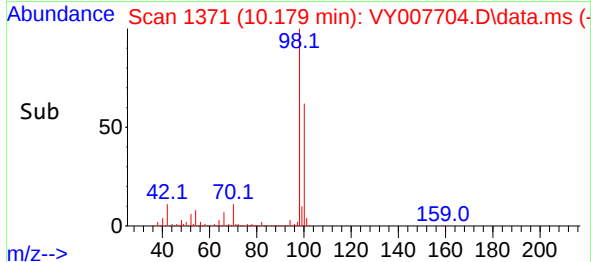
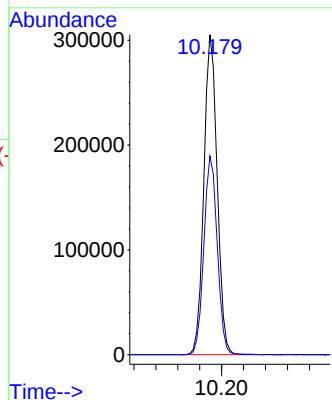


#50
Toluene-d8
Concen: 53.342 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

Instrument :
MSVOA_Y
ClientSampleId :

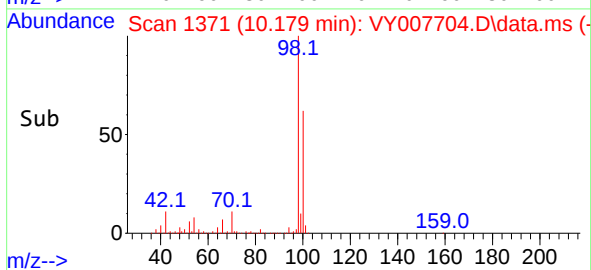
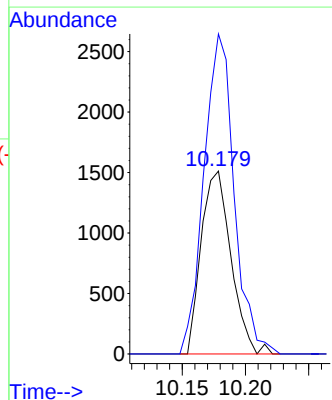
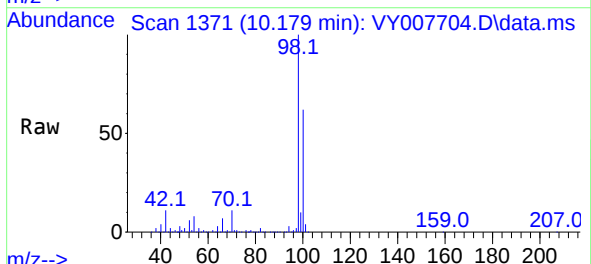


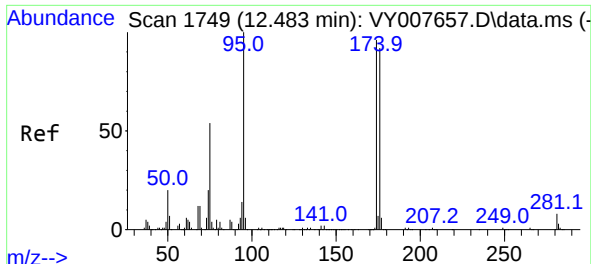
Tgt Ion: 98 Resp: 513608
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.101 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

Tgt Ion: 43 Resp: 2475
Ion Ratio Lower Upper
43 100
58 177.7 28.1 42.1#

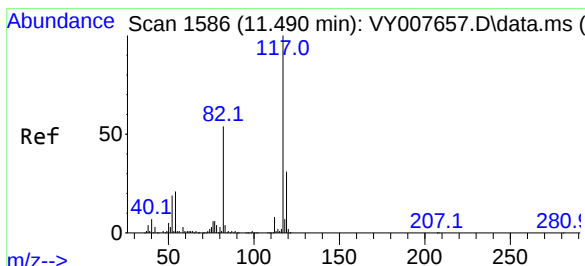
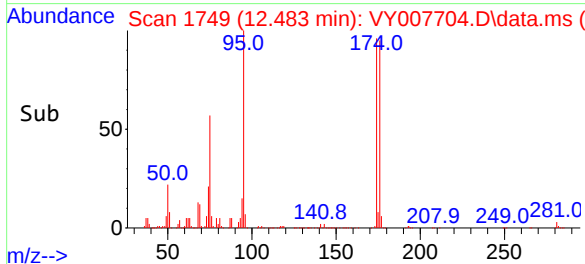
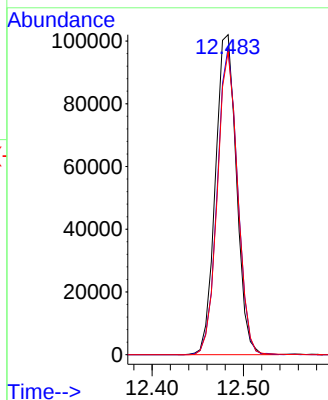
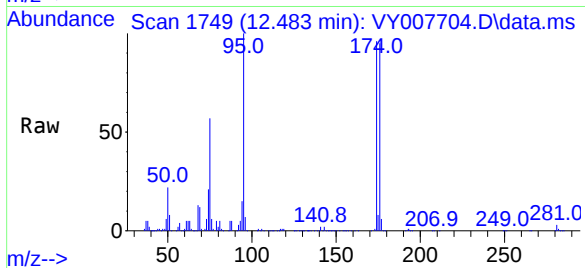




#62
4-Bromofluorobenzene
Concen: 52.518 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

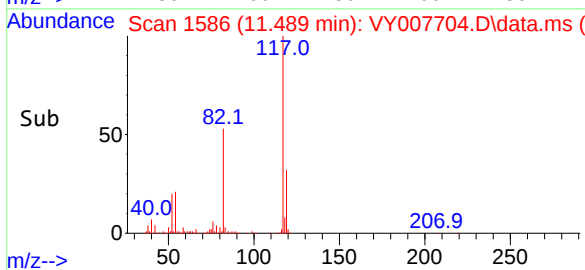
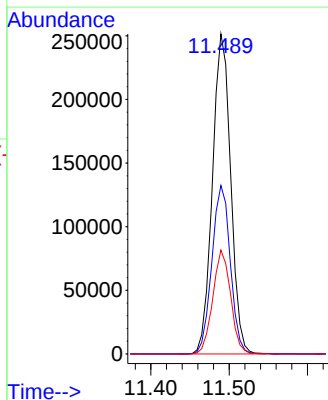
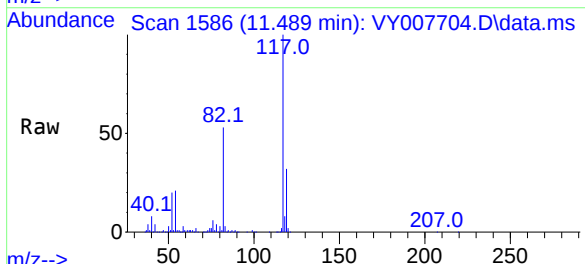
Instrument :
MSVOA_Y
ClientSampleId :

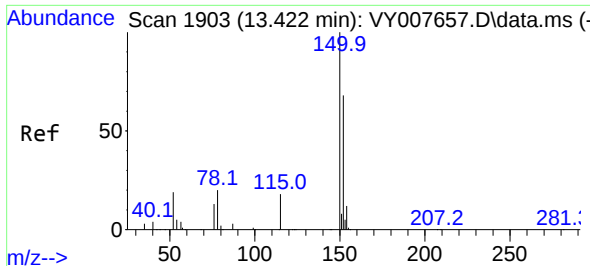
Tgt Ion: 95 Resp: 163002
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.0
176 91.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

Tgt Ion: 117 Resp: 407176
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.5 25.4 38.0



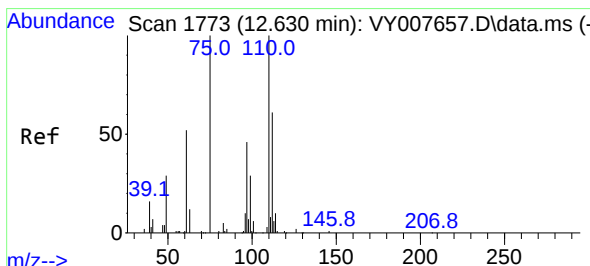
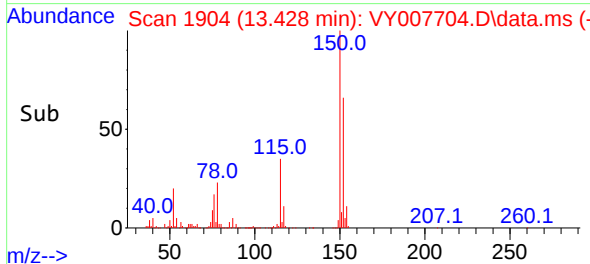
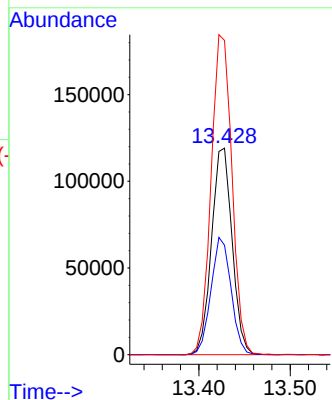
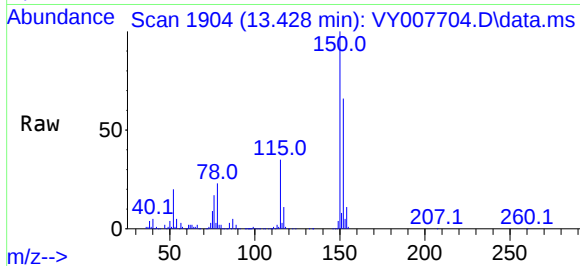


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007704.D
 Acq: 03 Mar 2022 15:08

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:152 Resp: 186459

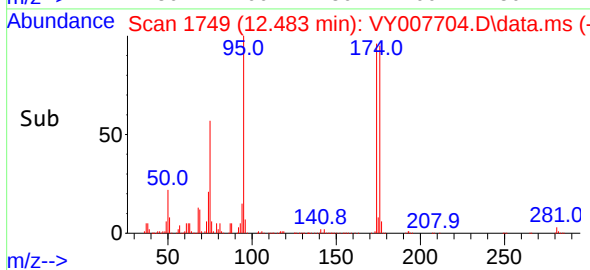
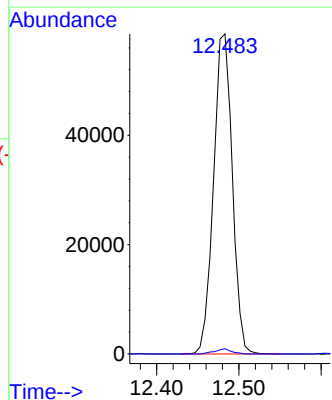
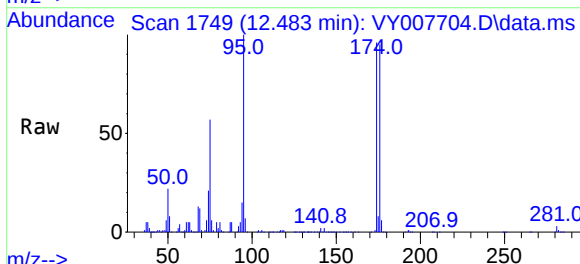
Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.2	84.7
150	156.7	0.0	347.6

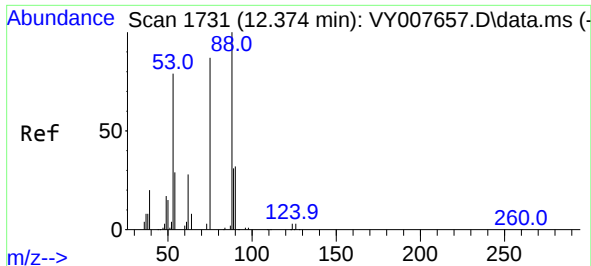


#76
 1,2,3-Trichloropropane
 Concen: 44.533 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007704.D
 Acq: 03 Mar 2022 15:08

Tgt Ion: 75 Resp: 92731

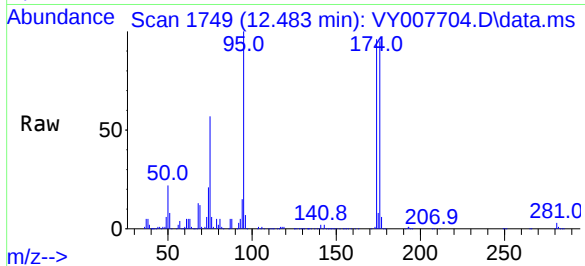
Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.042 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 92731
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

