

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009434.D
 Acq On : 05 Jul 2022 13:57
 Operator : KP/MD
 Sample : N3572-01
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-200033

Quant Time: Jul 06 04:49:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

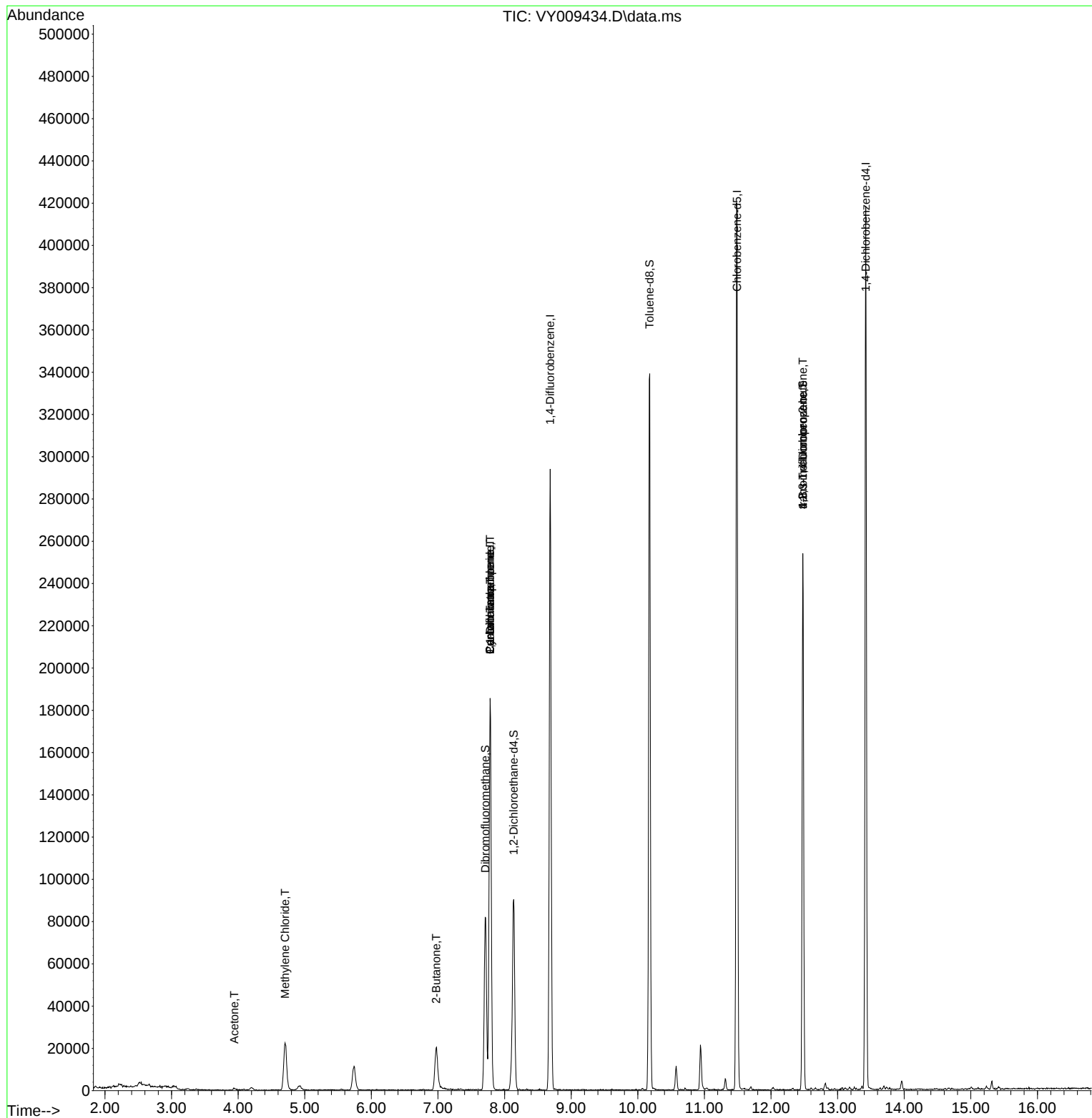
Internal Standards						
1) Pentafluorobenzene	7.783	168	146129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	245830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	228908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	103144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66006	56.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.780%	
35) Dibromofluoromethane	7.710	113	57845	42.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.500%	
50) Toluene-d8	10.179	98	221813	53.471	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 106.940%	
62) 4-Bromofluorobenzene	12.477	95	72126	36.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 73.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	2491	Below Cal	#	77
16) Acetone	3.942	43	1487	3.868	ug/l #	84
18) Methyl Acetate	4.472	43	83	Below Cal	#	56
20) Methylene Chloride	4.704	84	16375	2.471	ug/l #	92
25) 2-Butanone	6.972	43	1582	2.596	ug/l #	78
31) Cyclohexane	7.783	56	3099	1.177	ug/l #	11
36) 1,1-Dichloropropene	7.783	75	11148	4.712	ug/l #	51
38) Carbon Tetrachloride	7.783	117	13856	5.604	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	37793	31.288	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37793	69.662	ug/l #	7

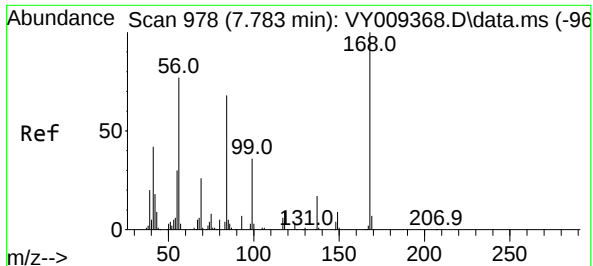
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
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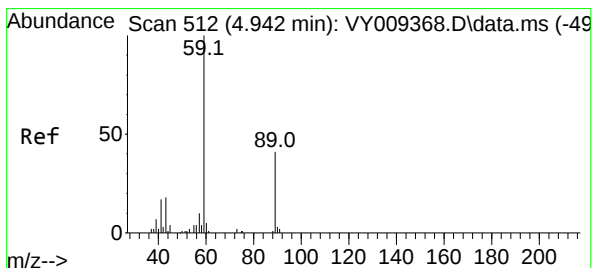
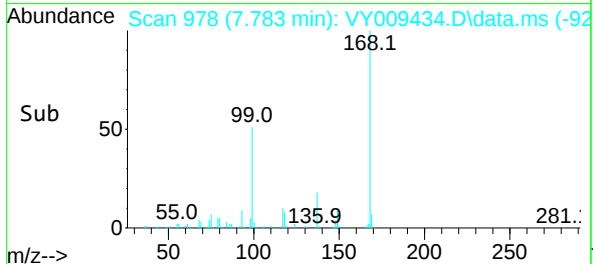
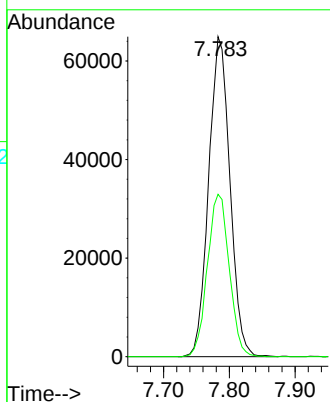
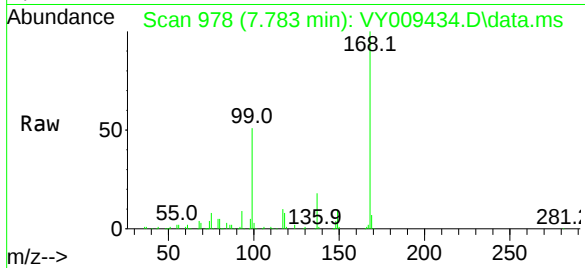




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009434.D
Acq: 05 Jul 2022 13:57

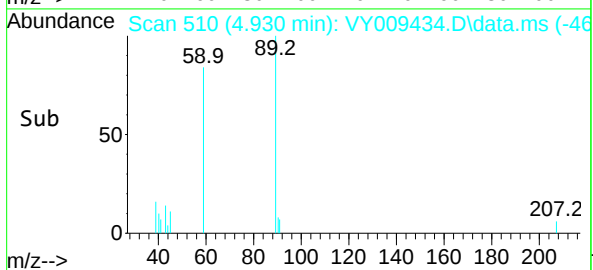
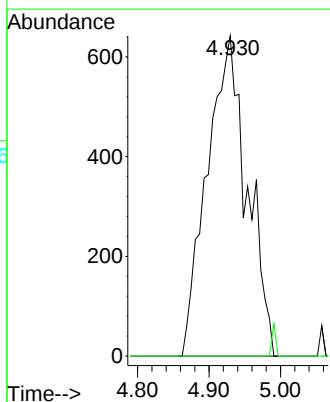
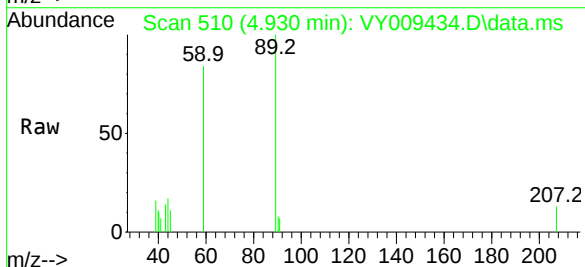
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200033

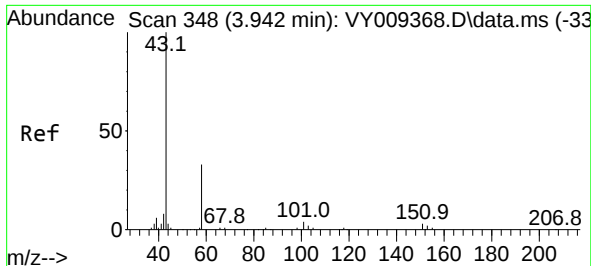
Tgt Ion:168 Resp: 146129
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY009434.D
Acq: 05 Jul 2022 13:57

Tgt Ion: 59 Resp: 2491
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

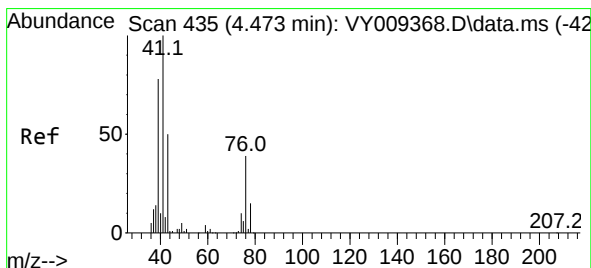
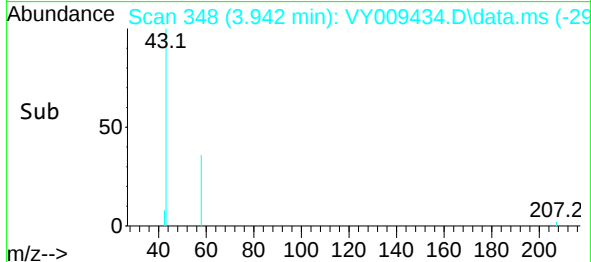
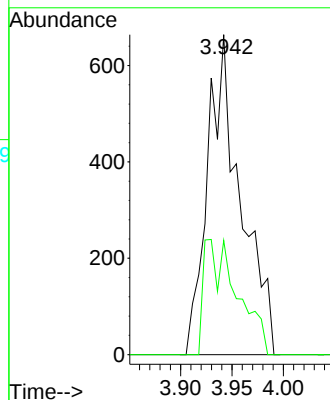
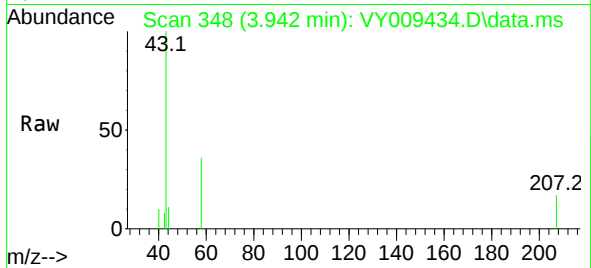




#16
Acetone
Concen: 3.868 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY009434.D
Acq: 05 Jul 2022 13:57

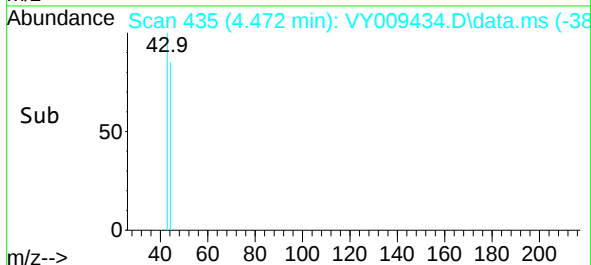
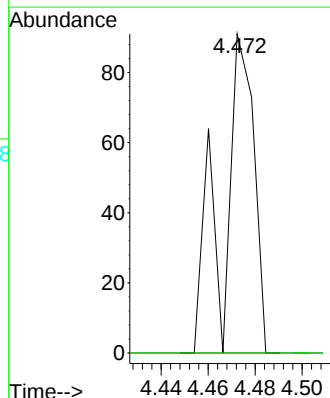
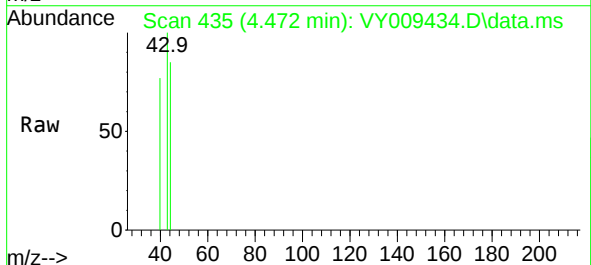
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200033

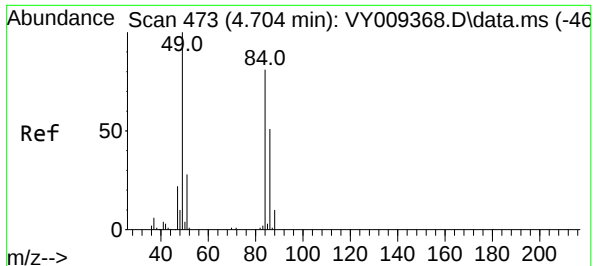
Tgt Ion: 43 Resp: 1487
Ion Ratio Lower Upper
43 100
58 35.7 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY009434.D
Acq: 05 Jul 2022 13:57

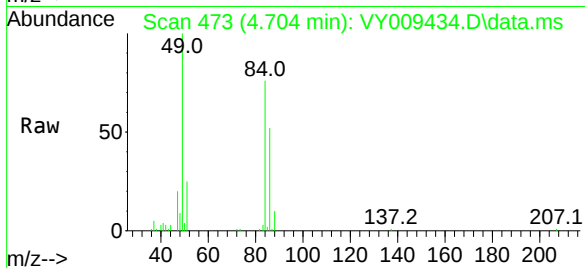
Tgt Ion: 43 Resp: 83
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





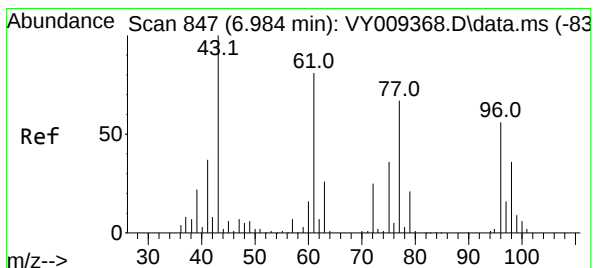
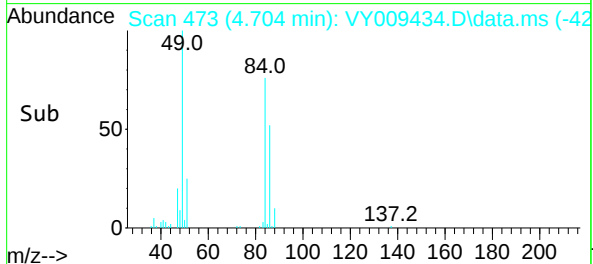
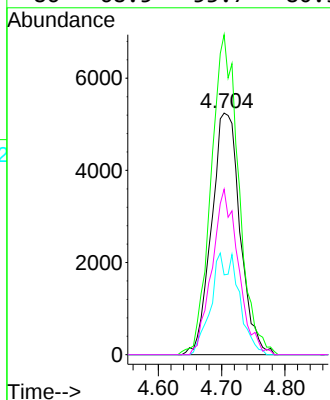
#20
Methylene Chloride
Concen: 2.471 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009434.D
Acq: 05 Jul 2022 13:57

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200033



Tgt Ion: 84 Resp: 16375

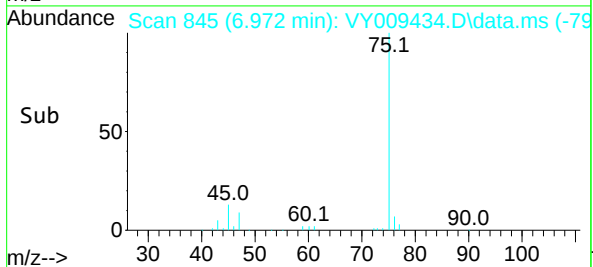
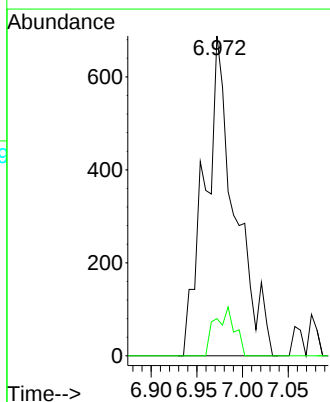
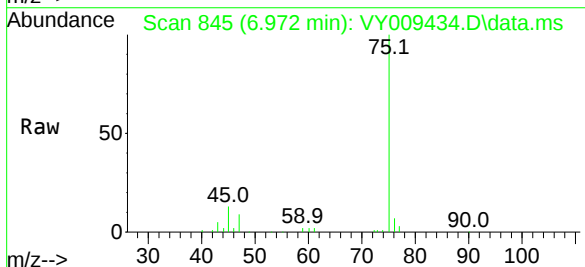
Ion	Ratio	Lower	Upper
84	100		
49	132.4	114.4	171.6
51	33.1	35.3	52.9#
86	68.5	53.7	80.5

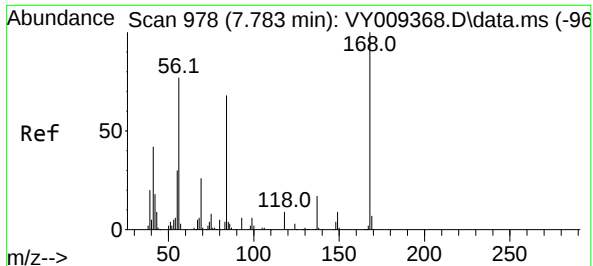


#25
2-Butanone
Concen: 2.596 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009434.D
Acq: 05 Jul 2022 13:57

Tgt Ion: 43 Resp: 1582

Ion	Ratio	Lower	Upper
43	100		
72	11.6	17.7	26.5#

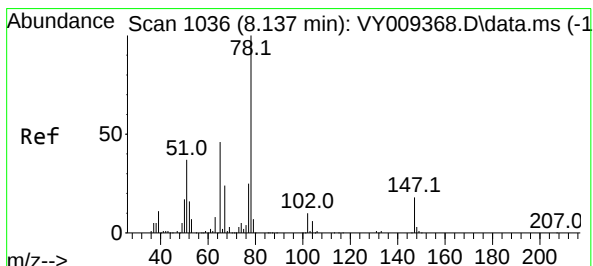
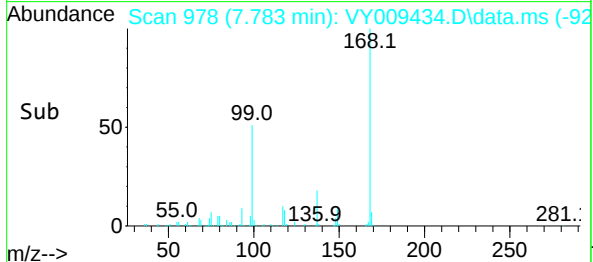
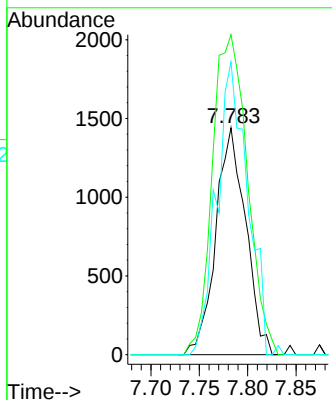
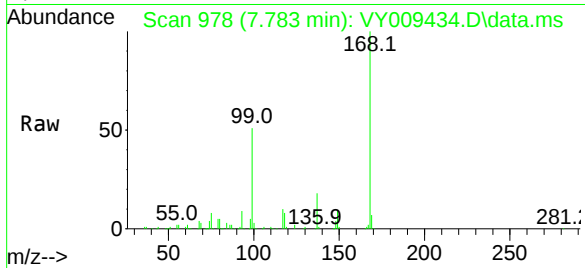




#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009434.D
Acq: 05 Jul 2022 13:57

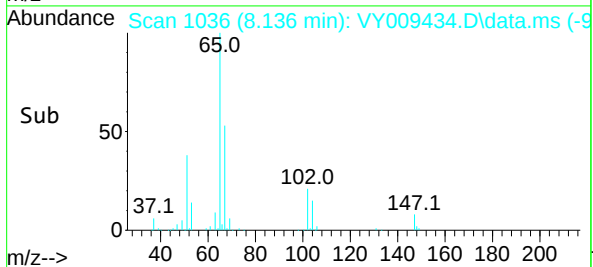
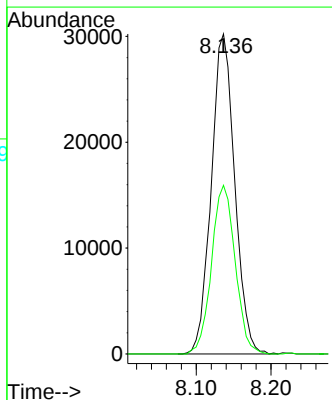
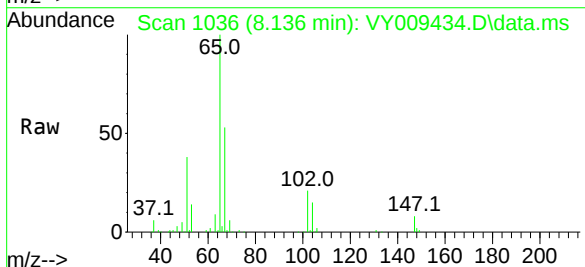
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200033

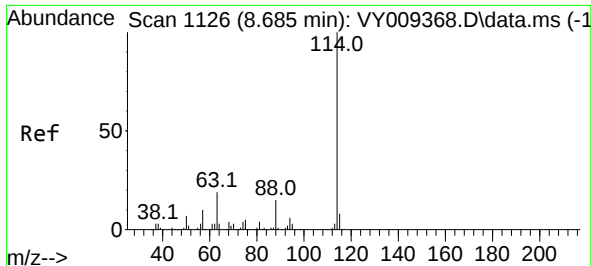
Tgt Ion: 56 Resp: 3099
Ion Ratio Lower Upper
56 100
69 141.0 26.7 40.1#
84 128.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 56.394 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009434.D
Acq: 05 Jul 2022 13:57

Tgt Ion: 65 Resp: 66006
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009434.D

Acq: 05 Jul 2022 13:57

Instrument :

MSVOA_Y

ClientSampleId :

RBR-200033

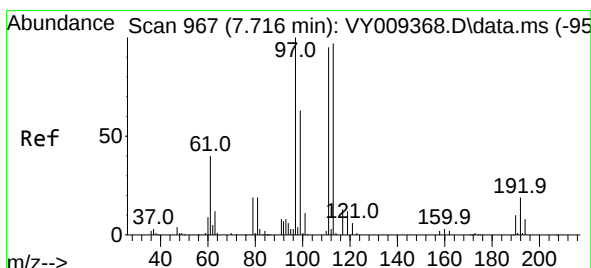
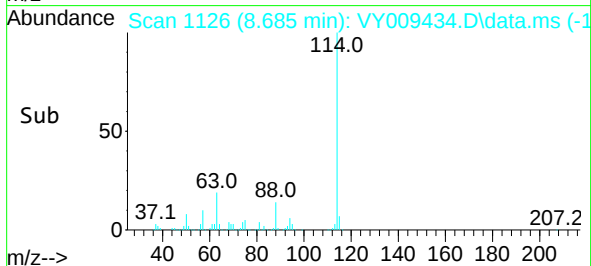
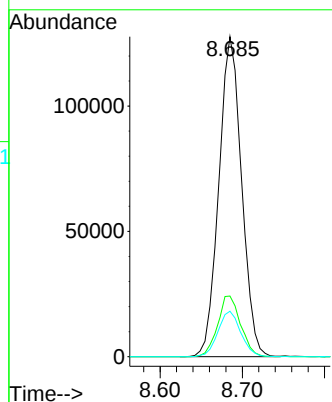
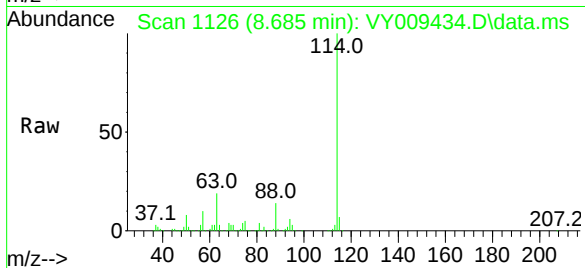
Tgt Ion:114 Resp: 245830

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.753 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009434.D

Acq: 05 Jul 2022 13:57

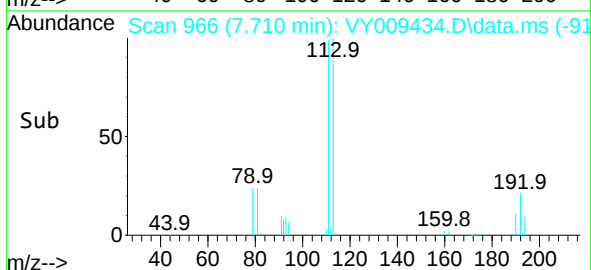
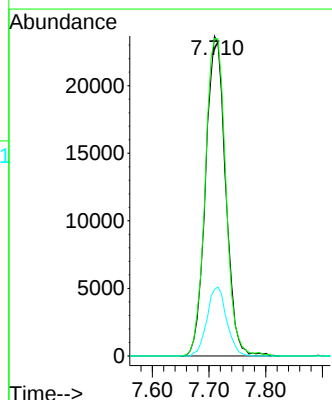
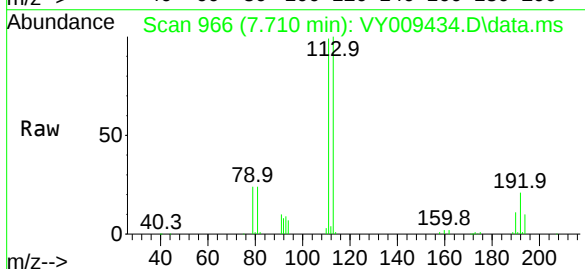
Tgt Ion:113 Resp: 57845

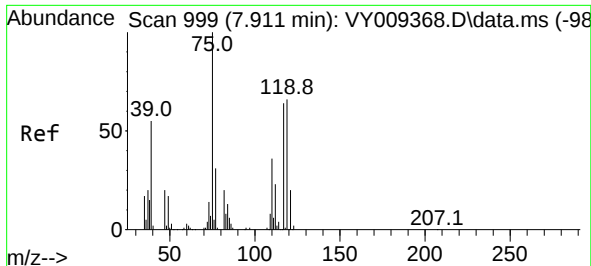
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 21.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.712 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009434.D

Acq: 05 Jul 2022 13:57

Instrument :

MSVOA_Y

ClientSampleId :

RBR-200033

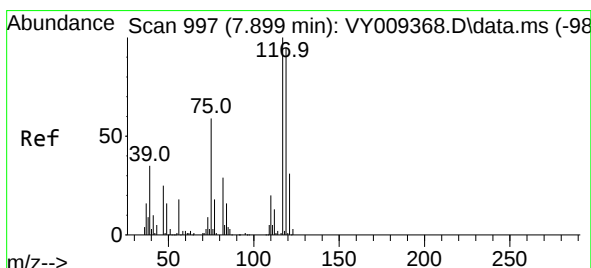
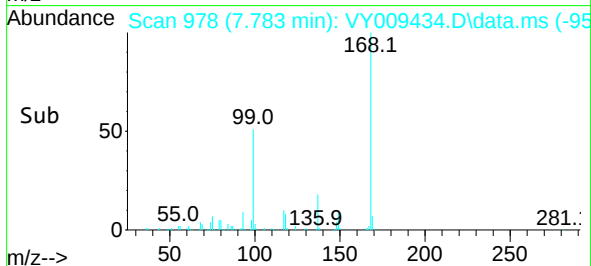
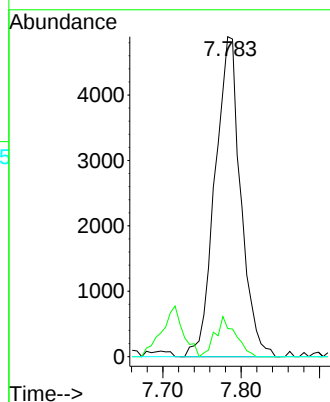
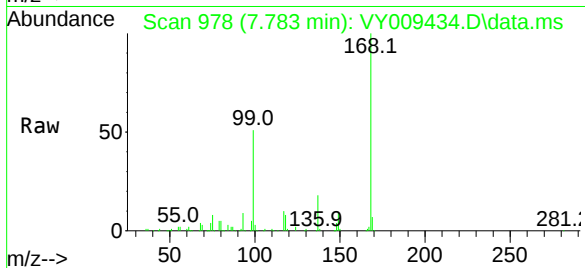
Tgt Ion: 75 Resp: 11148

Ion Ratio Lower Upper

75 100

110 9.8 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.604 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009434.D

Acq: 05 Jul 2022 13:57

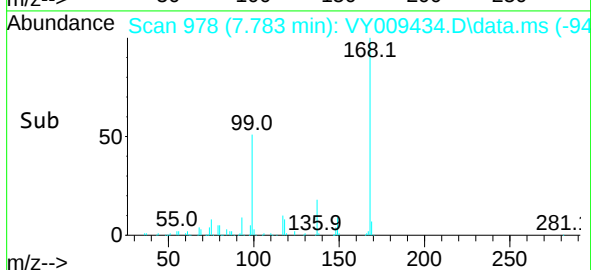
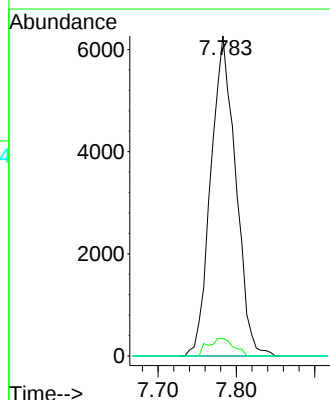
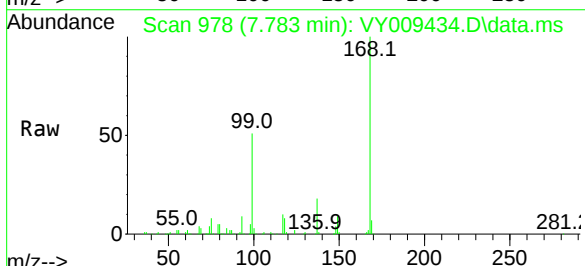
Tgt Ion: 117 Resp: 13856

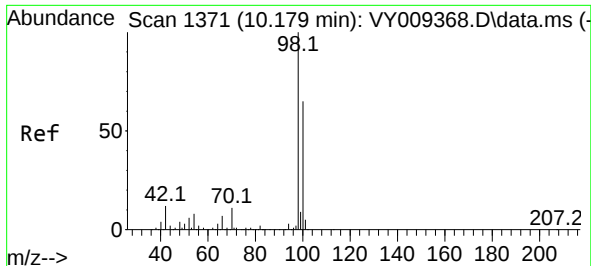
Ion Ratio Lower Upper

117 100

119 5.5 77.9 116.9#

121 0.0 24.8 37.2#

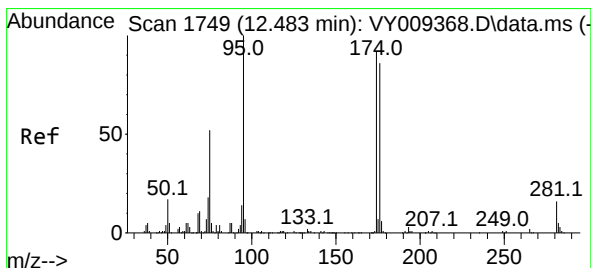
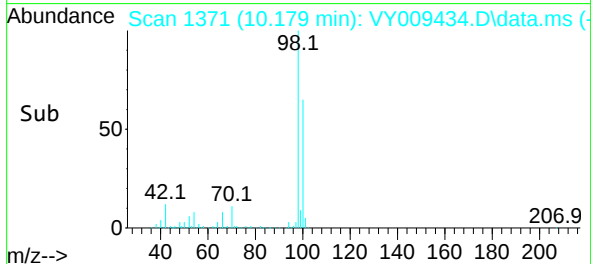
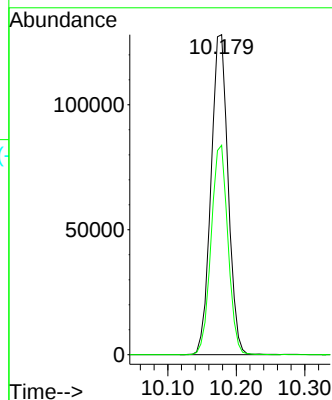
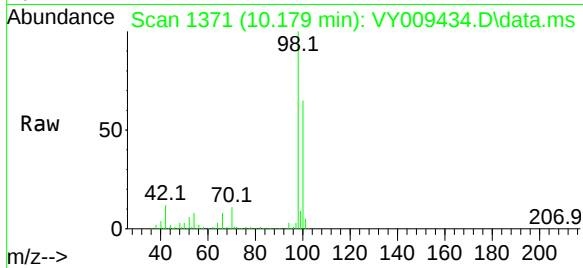




#50
Toluene-d8
Concen: 53.471 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009434.D
Acq: 05 Jul 2022 13:57

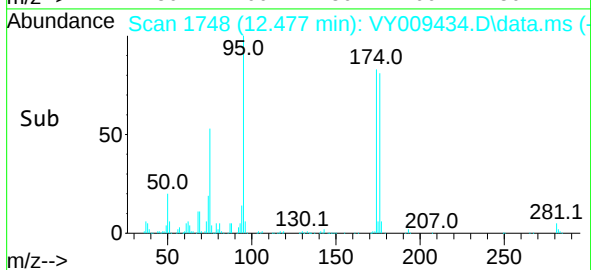
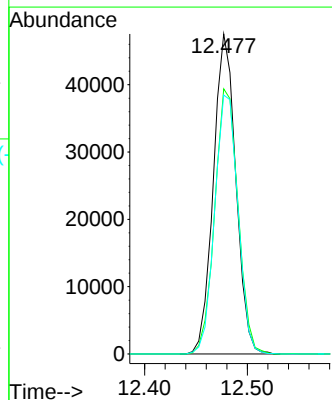
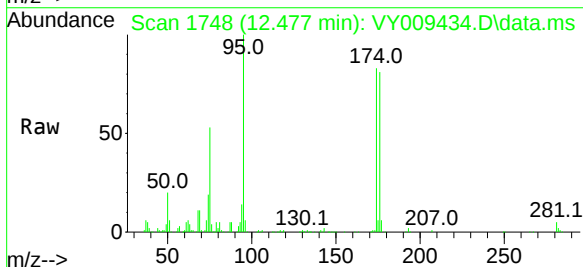
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200033

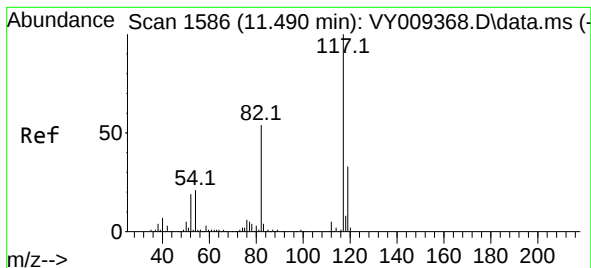
Tgt Ion: 98 Resp: 221813
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.661 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009434.D
Acq: 05 Jul 2022 13:57

Tgt Ion: 95 Resp: 72126
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 83.8 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: VY009434.D

Acq: 05 Jul 2022 13:57

Instrument :

MSVOA_Y

ClientSampleId :

RBR-200033

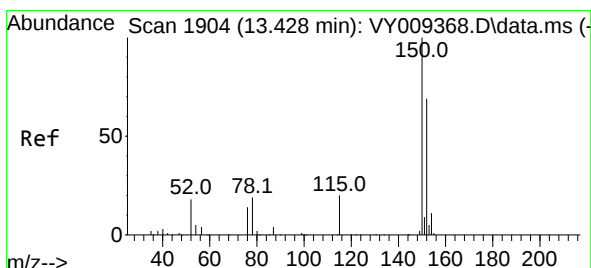
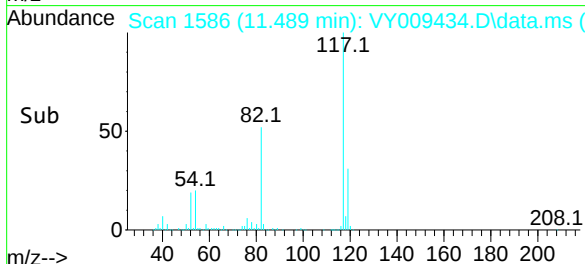
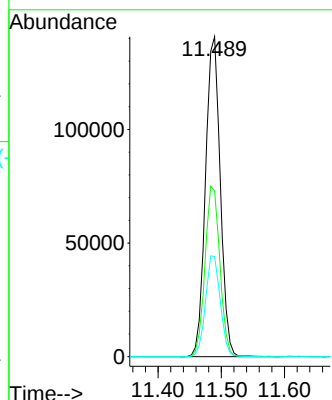
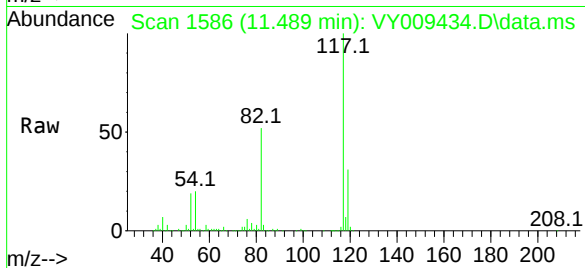
Tgt Ion:117 Resp: 228908

Ion Ratio Lower Upper

117 100

82 51.8 43.0 64.4

119 31.3 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: VY009434.D

Acq: 05 Jul 2022 13:57

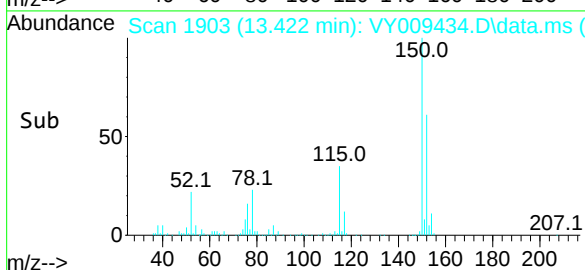
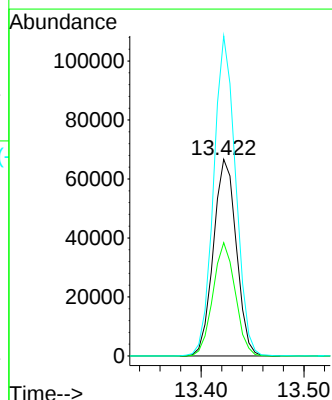
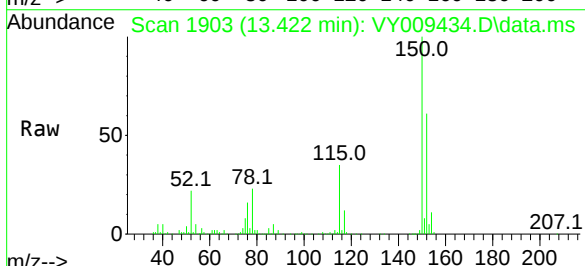
Tgt Ion:152 Resp: 103144

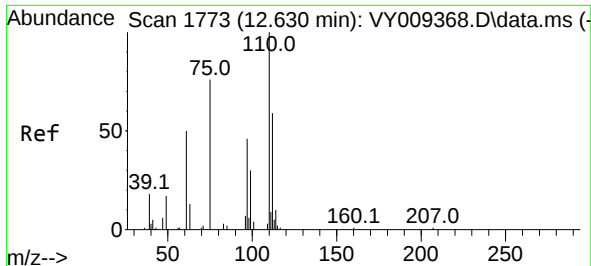
Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

150 156.6 0.0 347.6

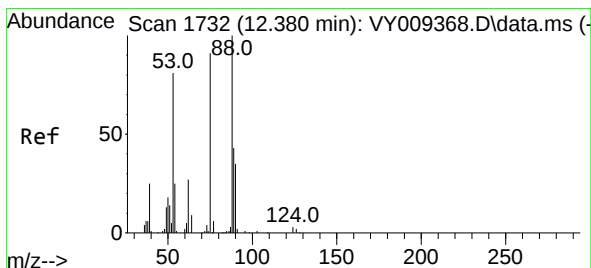
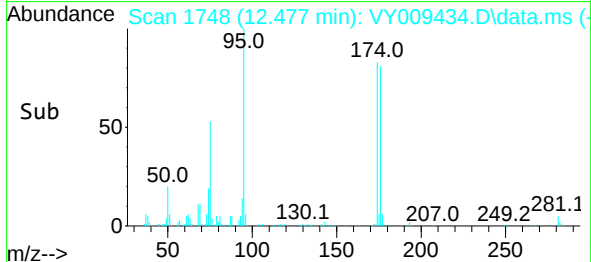
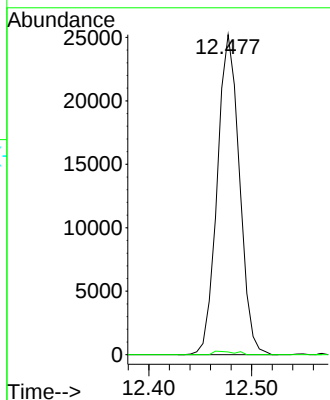
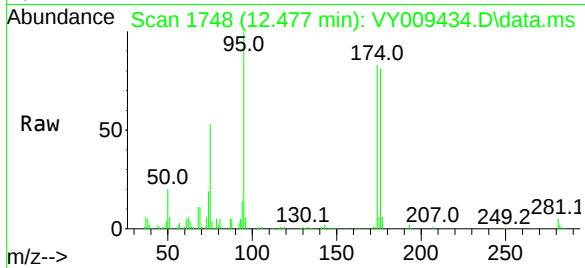




#76
1,2,3-Trichloropropane
Concen: 31.288 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009434.D
Acq: 05 Jul 2022 13:57

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200033

Tgt Ion: 75 Resp: 37793
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.662 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009434.D
Acq: 05 Jul 2022 13:57

Tgt Ion: 75 Resp: 37793
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

