

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
 Data File : VY008287.D
 Acq On : 12 Apr 2022 14:59
 Operator : KP/MD
 Sample : N2329-03RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-346

Quant Time: Apr 13 08:13:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

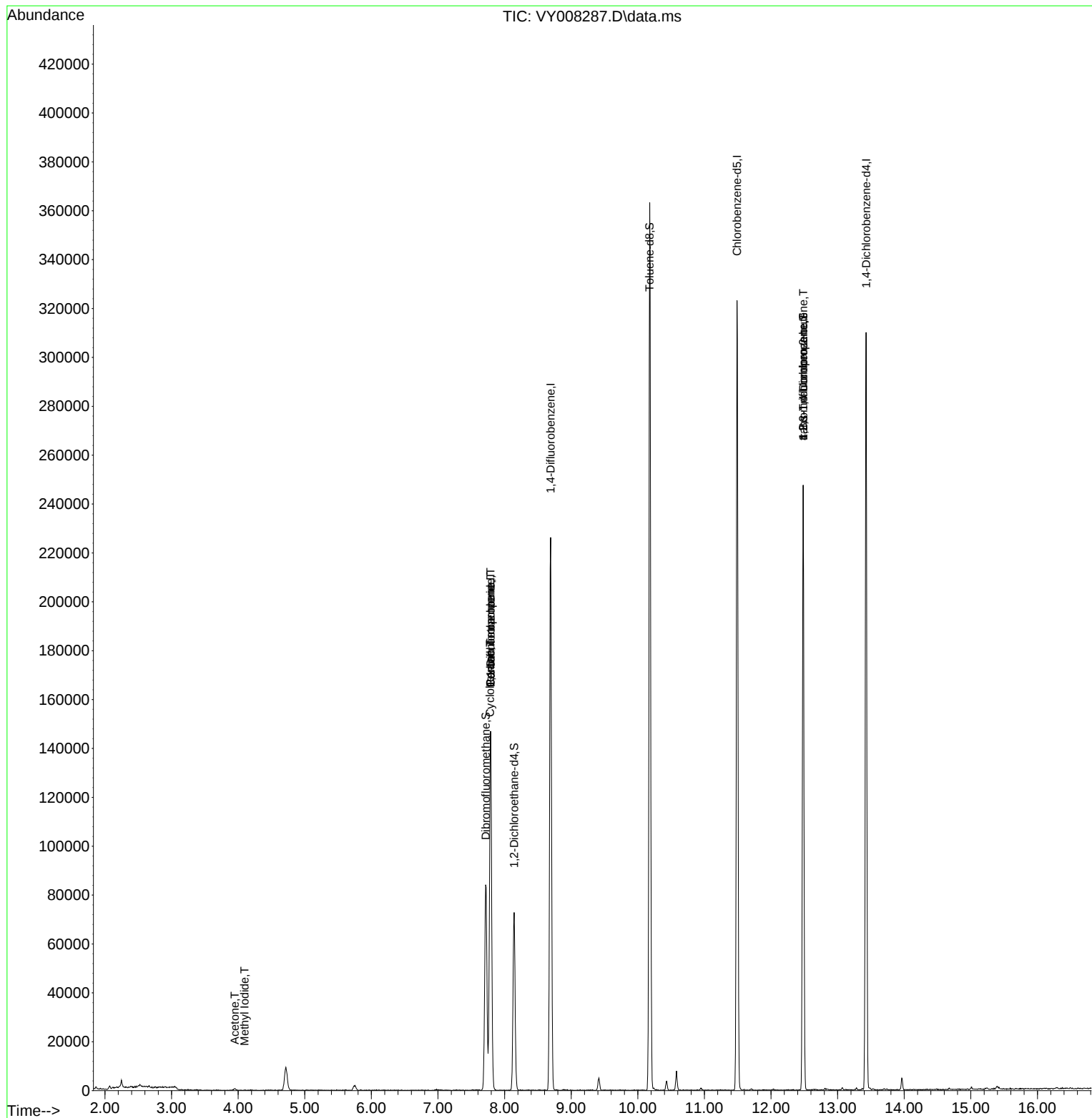
Internal Standards						
1) Pentafluorobenzene	7.789	168	115742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55051	50.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.280%	
35) Dibromofluoromethane	7.715	113	60323	51.755	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.520%	
50) Toluene-d8	10.178	98	245106	61.457	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 122.920%	
62) 4-Bromofluorobenzene	12.483	95	75832	50.552	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	248	Below Cal		96
5) Bromomethane	2.661	94	300	Below Cal	#	74
10) Methyl Iodide	4.094	142	242	2.553	ug/l #	35
16) Acetone	3.948	43	1089	4.165	ug/l	90
18) Methyl Acetate	4.478	43	88	Below Cal	#	56
20) Methylene Chloride	4.716	84	7403	Below Cal	#	78
31) Cyclohexane	7.782	56	2267	1.153	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8853	4.757	ug/l #	49
38) Carbon Tetrachloride	7.789	117	12085	6.035	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	39616	45.285	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39616	101.324	ug/l #	7

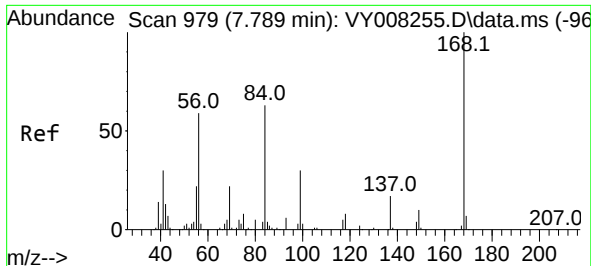
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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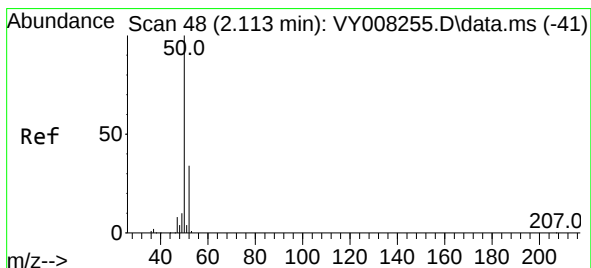
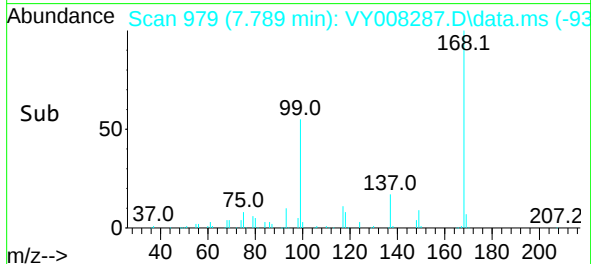
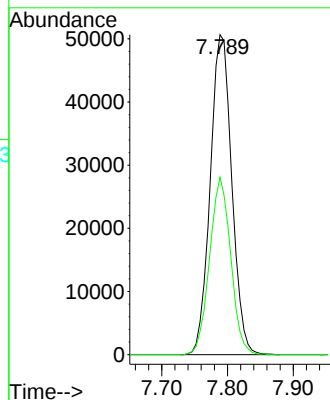
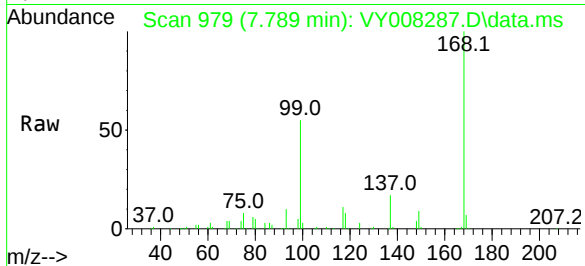




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008287.D
Acq: 12 Apr 2022 14:59

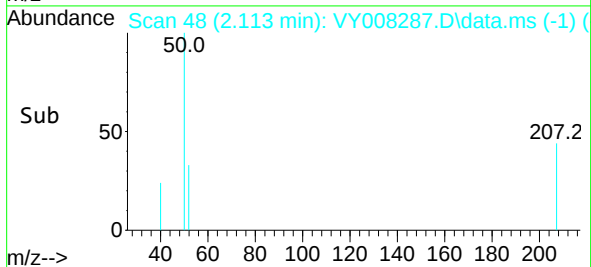
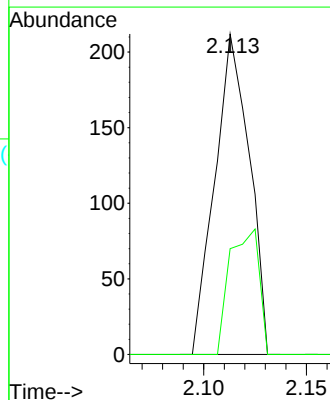
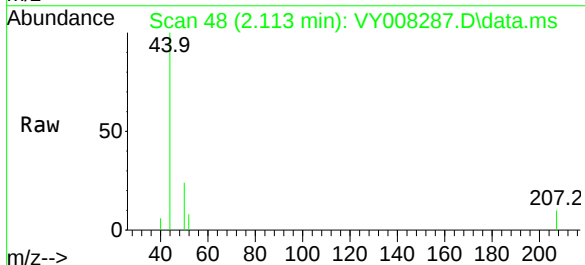
Instrument :
MSVOA_Y
ClientSampleId :
RBR-346

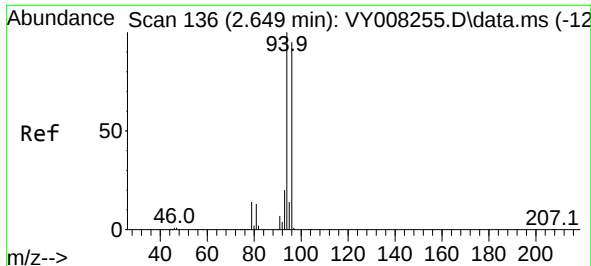
Tgt Ion:168 Resp: 115742
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY008287.D
Acq: 12 Apr 2022 14:59

Tgt Ion: 50 Resp: 248
Ion Ratio Lower Upper
50 100
52 33.0 24.6 37.0

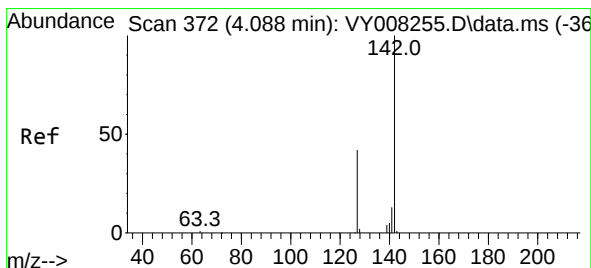
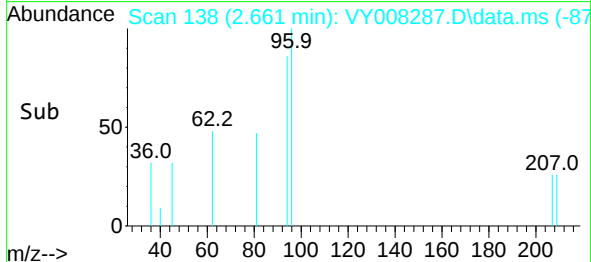
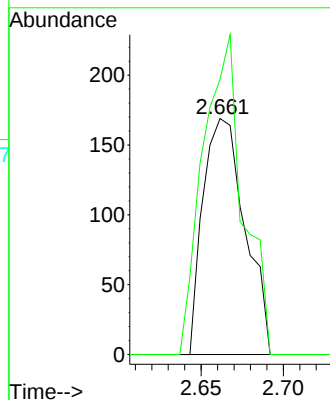
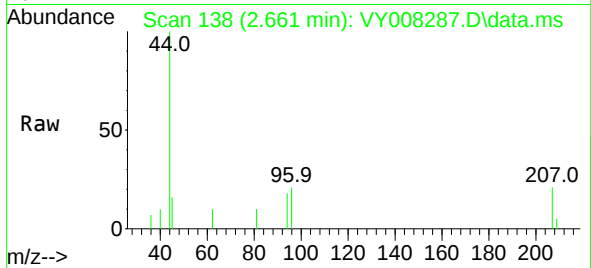




#5
Bromomethane
Concen: Below Cal
RT: 2.661 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY008287.D
Acq: 12 Apr 2022 14:59

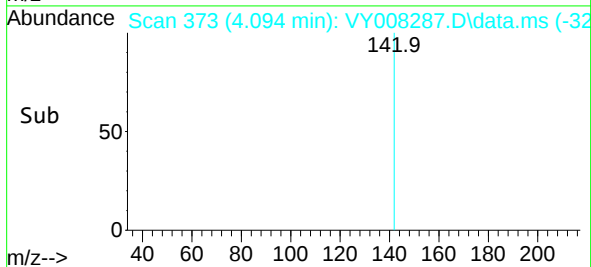
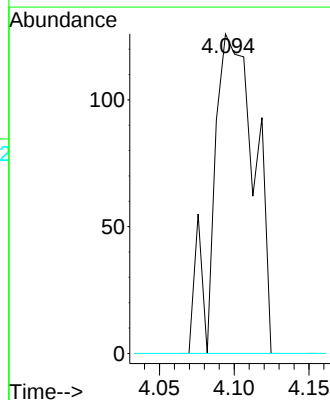
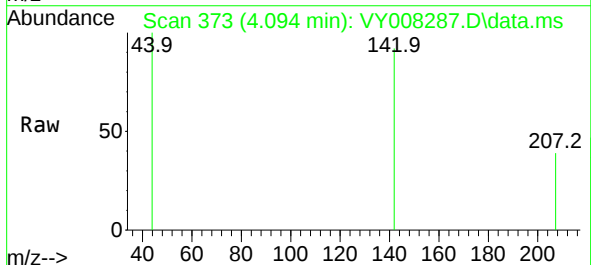
Instrument :
MSVOA_Y
ClientSampleId :
RBR-346

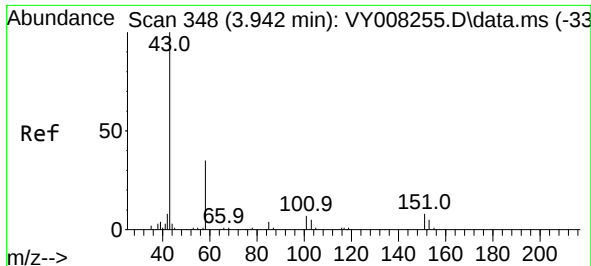
Tgt Ion: 94 Resp: 300
Ion Ratio Lower Upper
94 100
96 116.6 73.5 110.3#



#10
Methyl Iodide
Concen: 2.553 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008287.D
Acq: 12 Apr 2022 14:59

Tgt Ion:142 Resp: 242
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

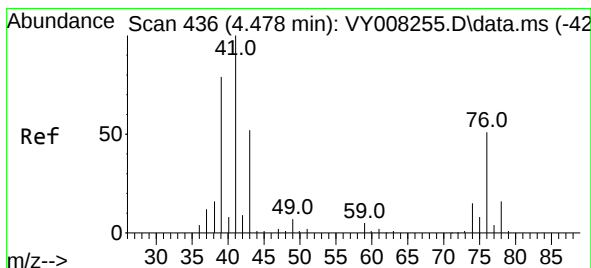
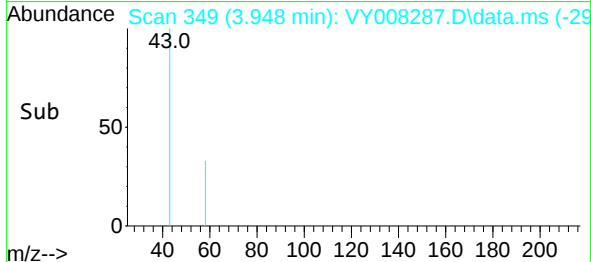
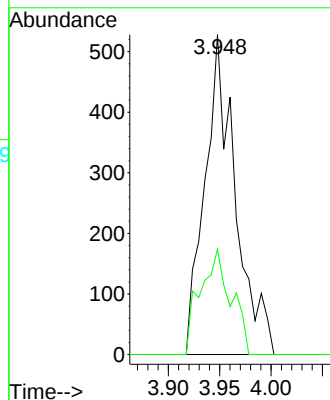
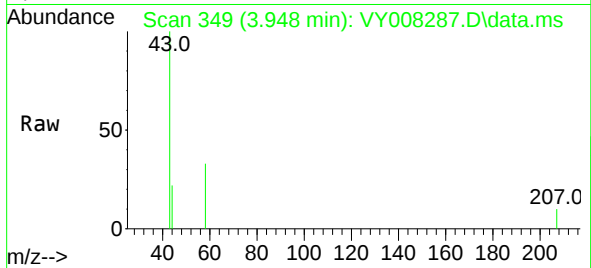




#16
Acetone
Concen: 4.165 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY008287.D
Acq: 12 Apr 2022 14:59

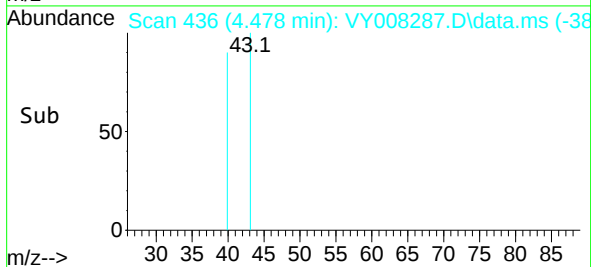
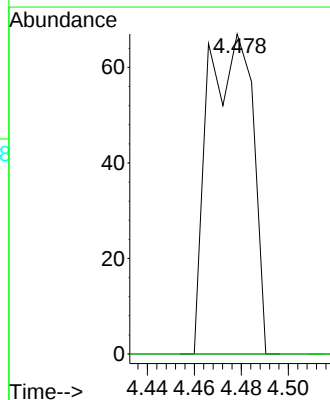
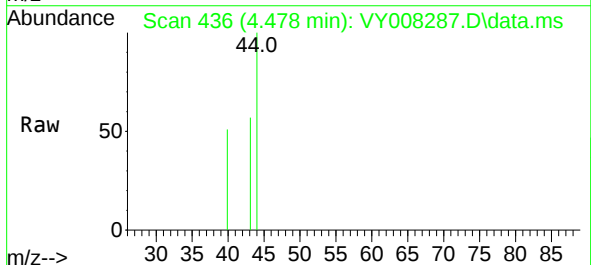
Instrument :
MSVOA_Y
ClientSampleId :
RBR-346

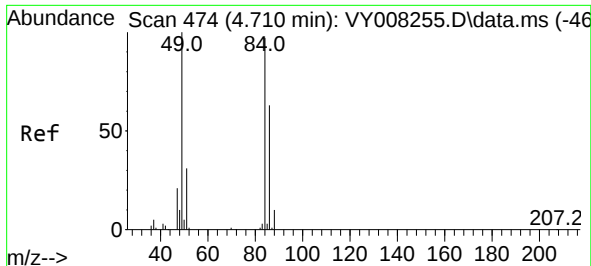
Tgt Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
58 33.0 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY008287.D
Acq: 12 Apr 2022 14:59

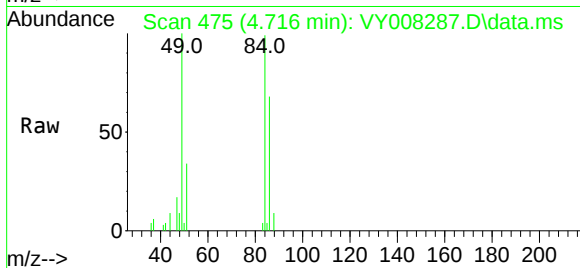
Tgt Ion: 43 Resp: 88
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



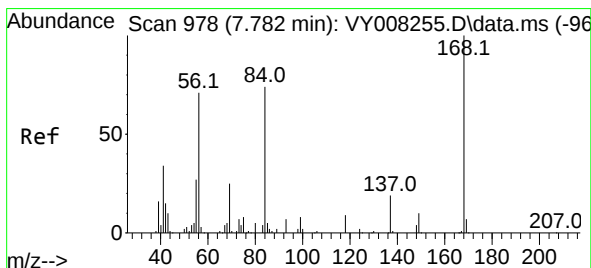
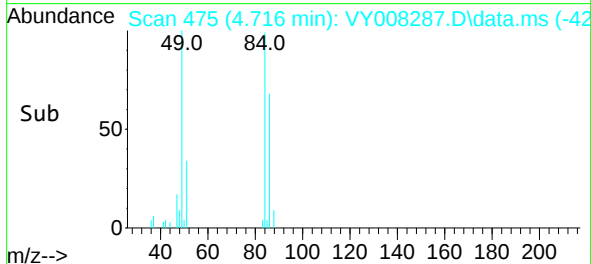
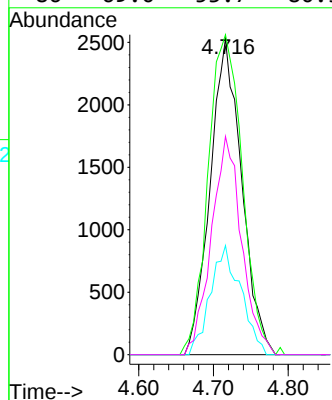


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008287.D
Acq: 12 Apr 2022 14:59

Instrument :
MSVOA_Y
ClientSampleId :
RBR-346

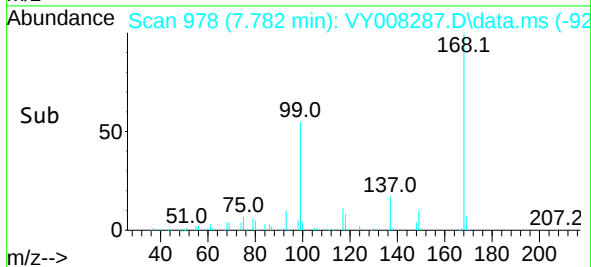
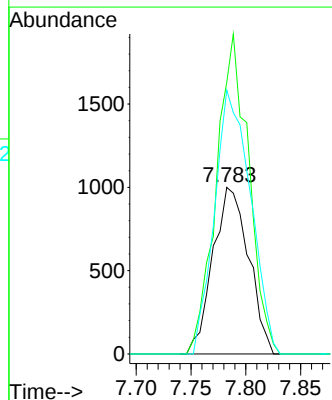
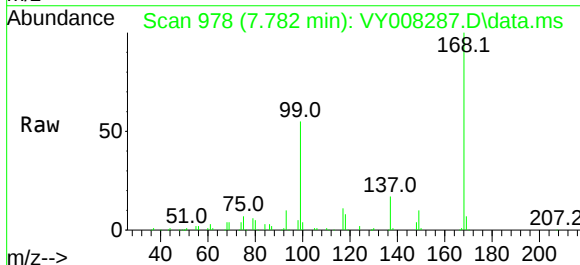


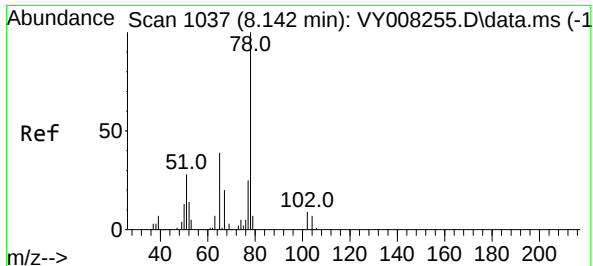
Tgt Ion: 84 Resp: 7403
Ion Ratio Lower Upper
84 100
49 101.2 114.4 171.6#
51 34.5 35.3 52.9#
86 69.0 53.7 80.5



#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.782 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY008287.D
Acq: 12 Apr 2022 14:59

Tgt Ion: 56 Resp: 2267
Ion Ratio Lower Upper
56 100
69 163.0 26.7 40.1#
84 158.4 67.2 100.8#

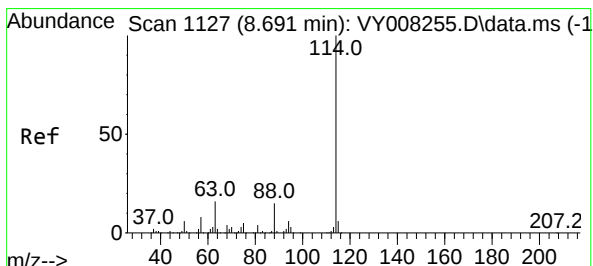
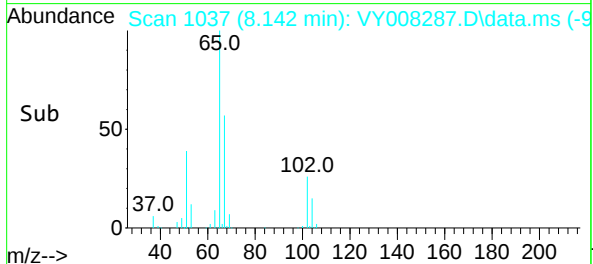
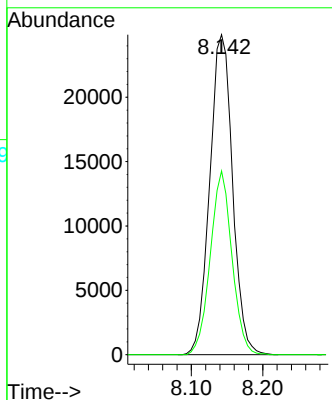
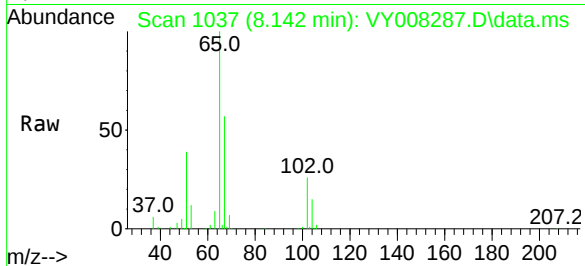




#33
 1,2-Dichloroethane-d4
 Concen: 50.636 ug/l
 RT: 8.142 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: VY008287.D
 Acq: 12 Apr 2022 14:59

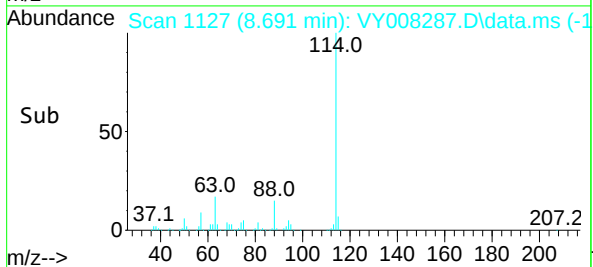
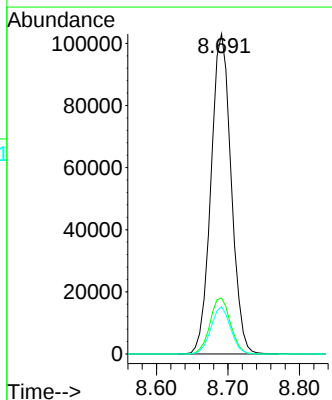
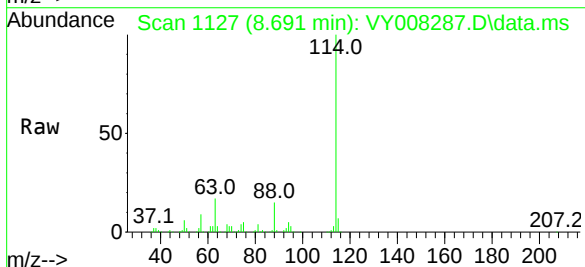
Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-346

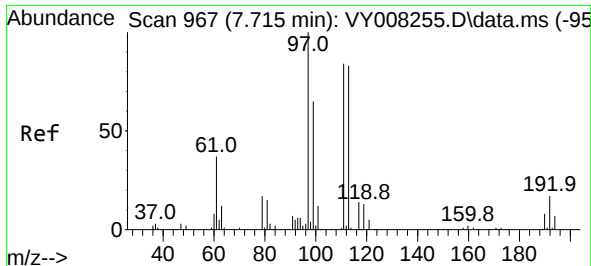
Tgt Ion: 65 Resp: 55051
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY008287.D
 Acq: 12 Apr 2022 14:59

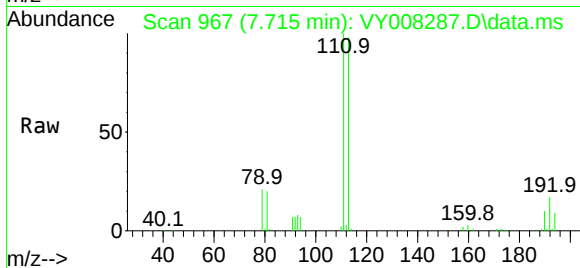
Tgt Ion: 114 Resp: 201797
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 43.2
 88 14.8 0.0 31.8



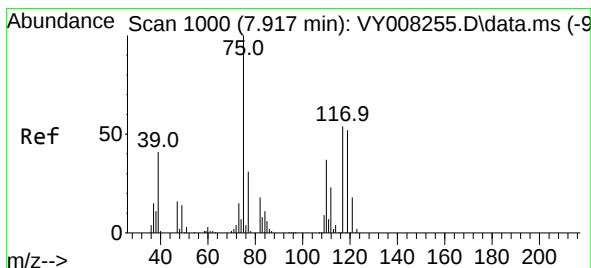
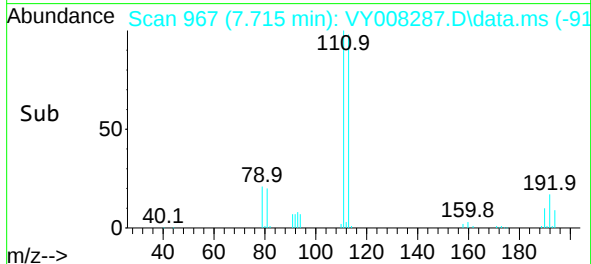
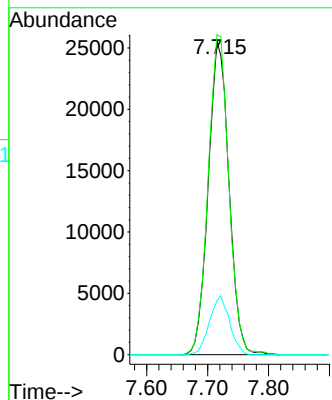


#35
Dibromofluoromethane
Concen: 51.755 ug/l
RT: 7.715 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY008287.D
Acq: 12 Apr 2022 14:59

Instrument :
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ClientSampleId :
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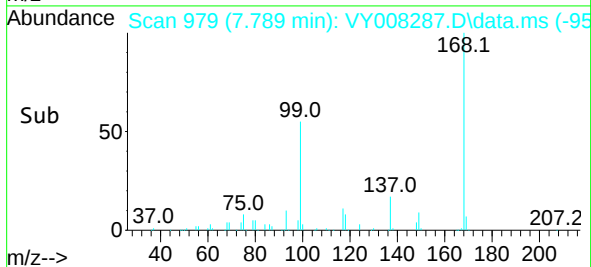
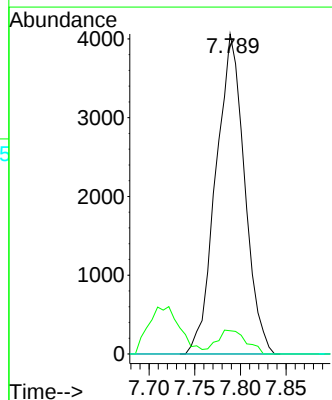
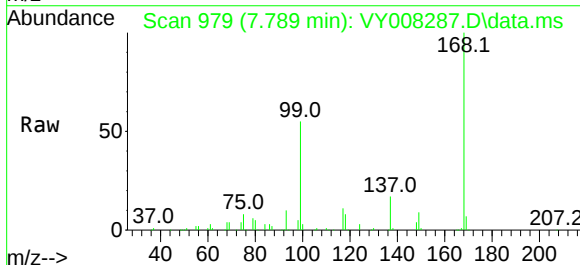


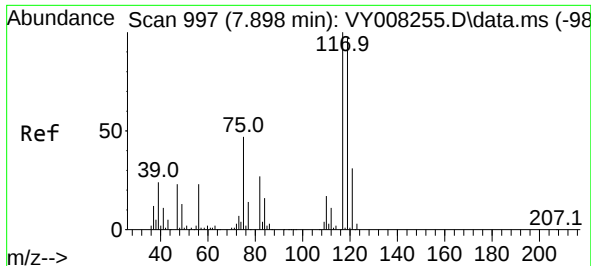
Tgt Ion:113 Resp: 60323
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 18.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.757 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008287.D
Acq: 12 Apr 2022 14:59

Tgt Ion: 75 Resp: 8853
Ion Ratio Lower Upper
75 100
110 7.6 17.1 51.2#
77 0.0 24.4 36.6#

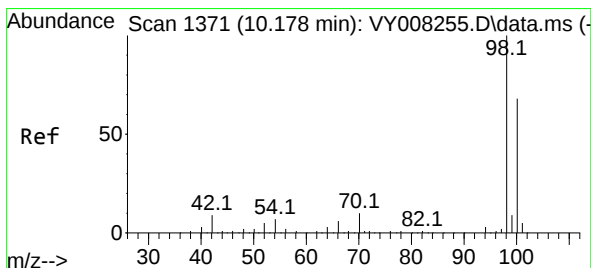
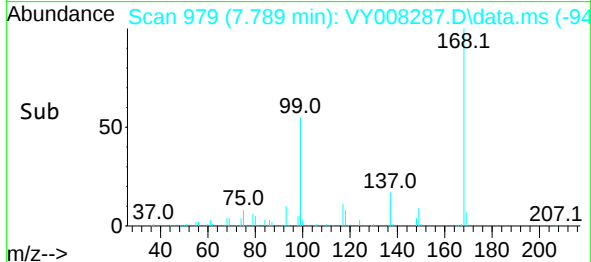
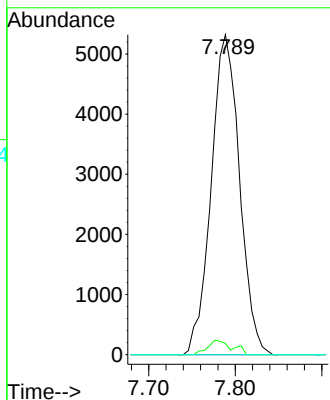
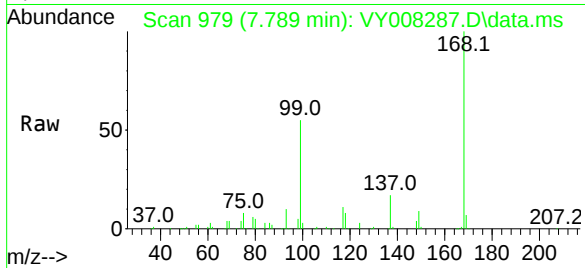




#38
Carbon Tetrachloride
Concen: 6.035 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008287.D
Acq: 12 Apr 2022 14:59

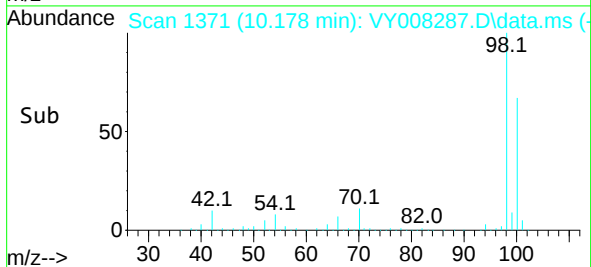
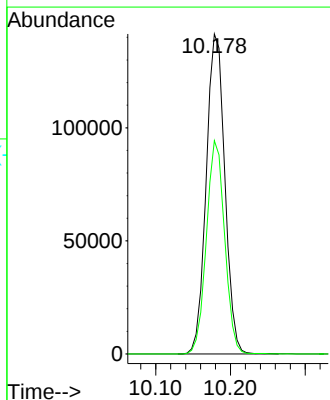
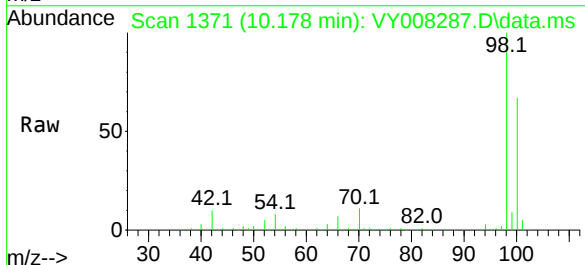
Instrument :
MSVOA_Y
ClientSampleId :
RBR-346

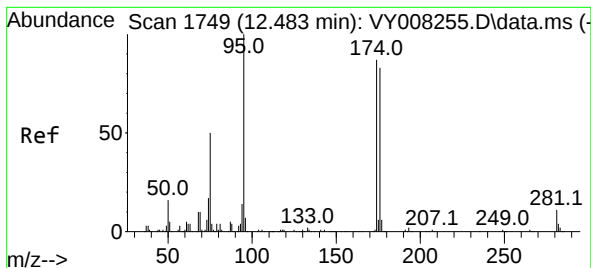
Tgt Ion:117 Resp: 12085
Ion Ratio Lower Upper
117 100
119 3.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 61.457 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008287.D
Acq: 12 Apr 2022 14:59

Tgt Ion: 98 Resp: 245106
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

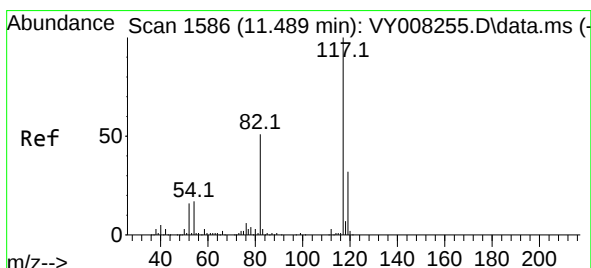
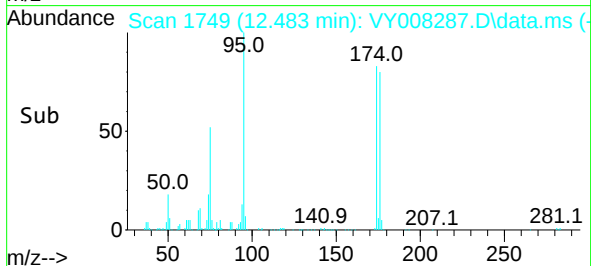
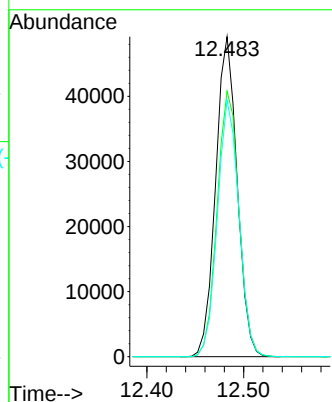
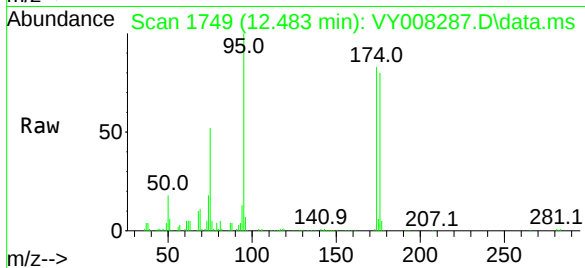




#62
4-Bromofluorobenzene
Concen: 50.552 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008287.D
Acq: 12 Apr 2022 14:59

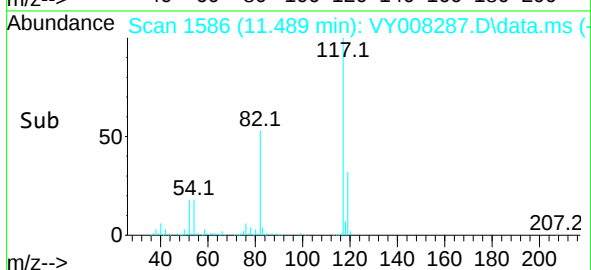
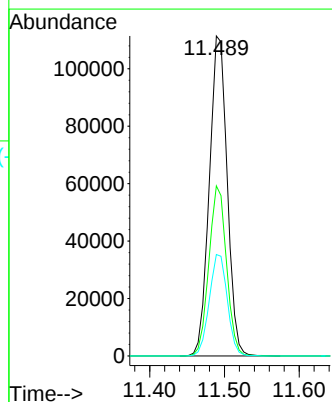
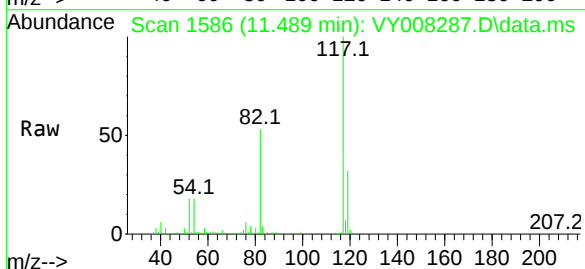
Instrument :
MSVOA_Y
ClientSampleId :
RBR-346

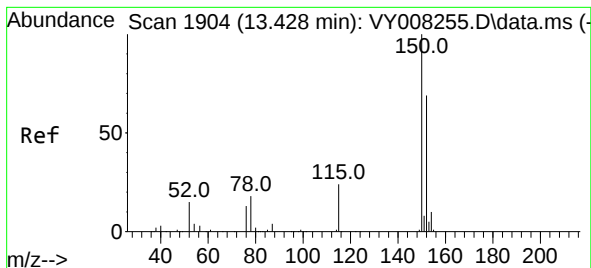
Tgt Ion: 95 Resp: 75832
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 80.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008287.D
Acq: 12 Apr 2022 14:59

Tgt Ion: 117 Resp: 184831
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY008287.D

Acq: 12 Apr 2022 14:59

Instrument :

MSVOA_Y

ClientSampleId :

RBR-346

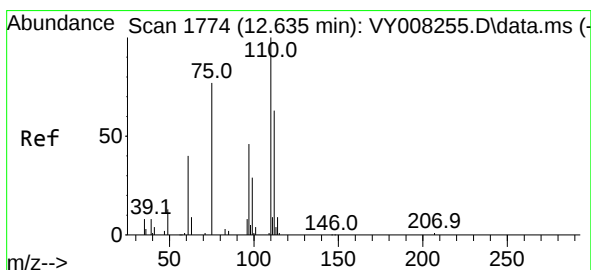
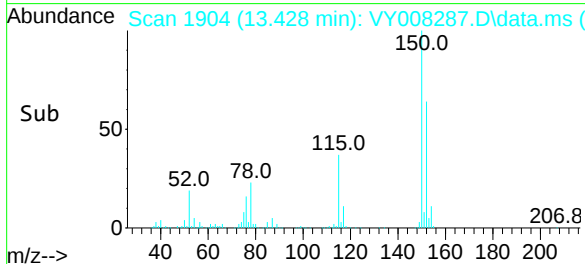
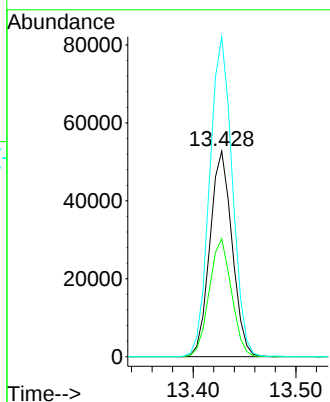
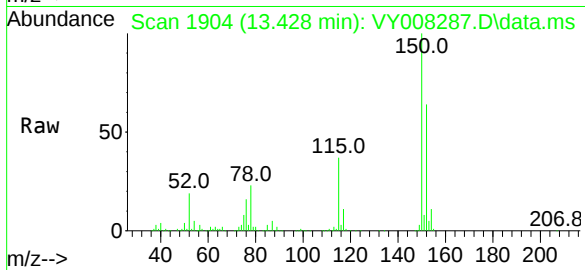
Tgt Ion:152 Resp: 79099

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 159.0 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 45.285 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008287.D

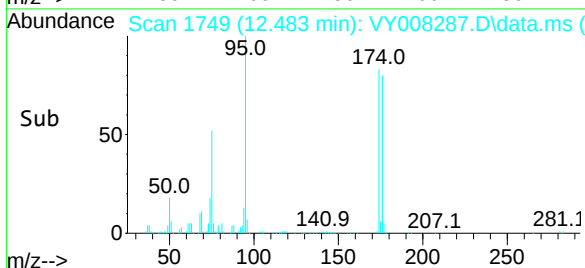
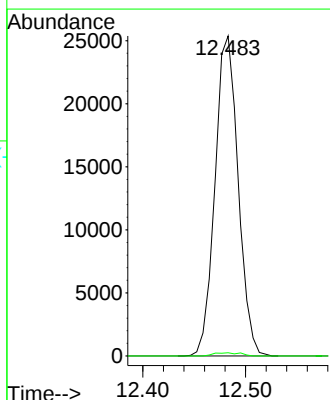
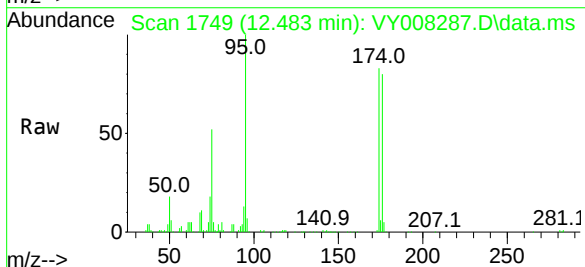
Acq: 12 Apr 2022 14:59

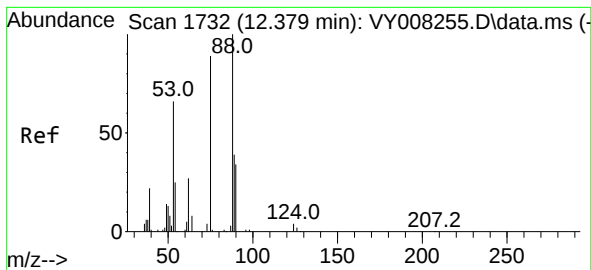
Tgt Ion: 75 Resp: 39616

Ion Ratio Lower Upper

75 100

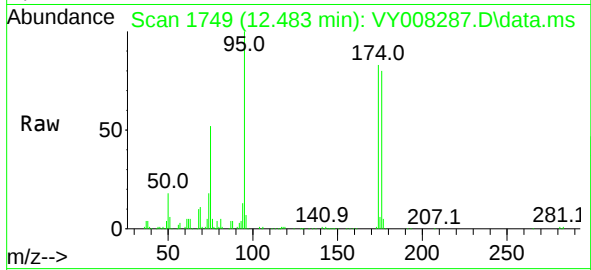
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.324 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008287.D
 Acq: 12 Apr 2022 14:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-346



Tgt Ion: 75 Resp: 39616
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#

