

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
 Data File : VY008296.D
 Acq On : 12 Apr 2022 18:30
 Operator : KP/MD
 Sample : N2330-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-253RE

Quant Time: Apr 13 08:17:00 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)

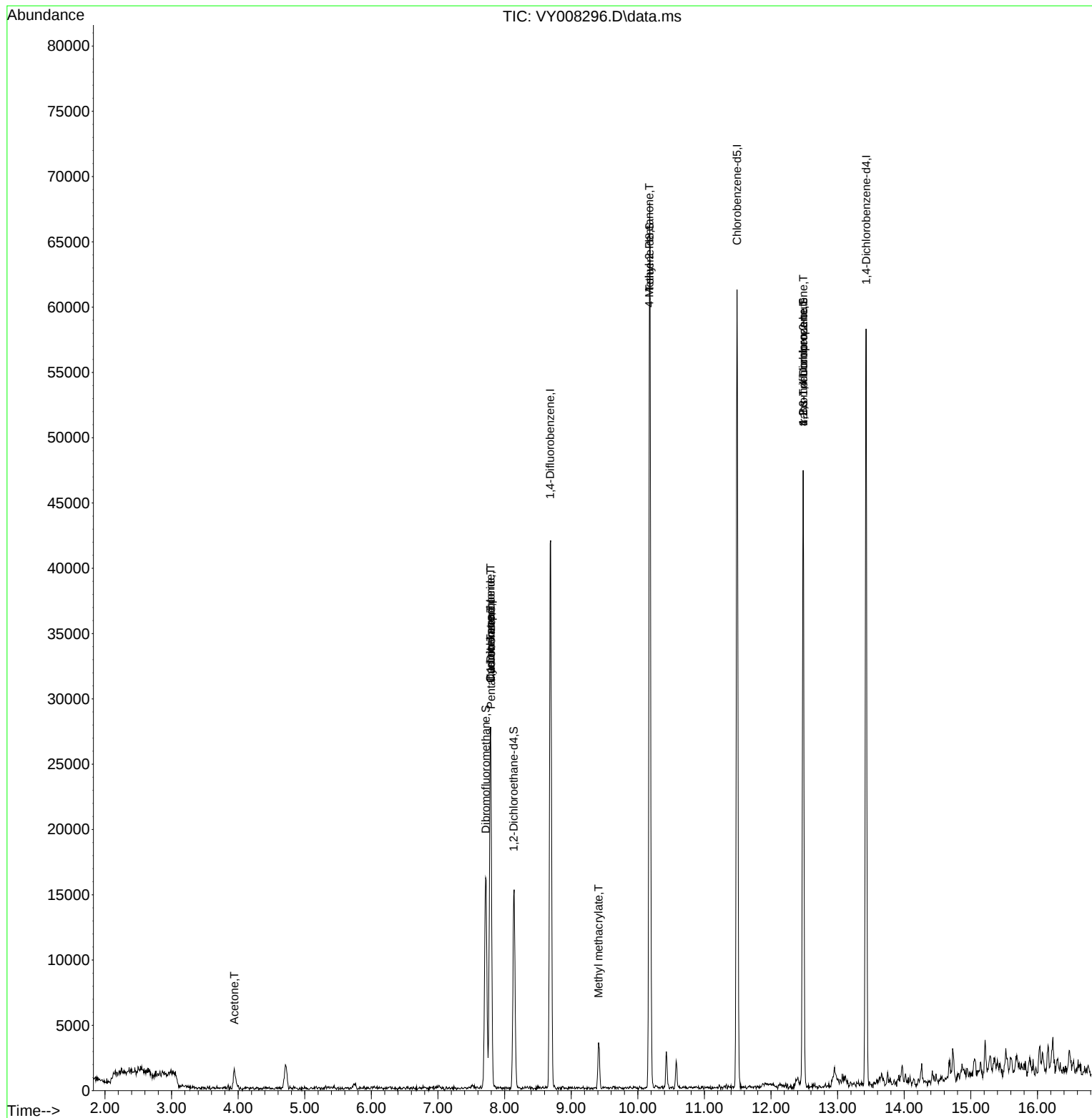
Internal Standards						
1) Pentafluorobenzene	7.795	168	22225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	39085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	34666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11773	56.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.780%	
35) Dibromofluoromethane	7.716	113	11863	52.550	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.100%	
50) Toluene-d8	10.179	98	46011	59.564	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 119.120%	
62) 4-Bromofluorobenzene	12.483	95	14156	48.723	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.440%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	259	Below Cal	#	61
16) Acetone	3.942	43	2560	50.983	ug/l #	80
20) Methylene Chloride	4.710	84	1458	Below Cal	#	61
31) Cyclohexane	7.789	56	410	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	1740	4.827	ug/l #	46
38) Carbon Tetrachloride	7.789	117	2342	6.039	ug/l #	16
48) Methyl methacrylate	9.411	41	398	2.714	ug/l #	51
51) 4-Methyl-2-Pentanone	10.173	43	198	1.112	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	7488	47.244	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	7488	105.706	ug/l #	7

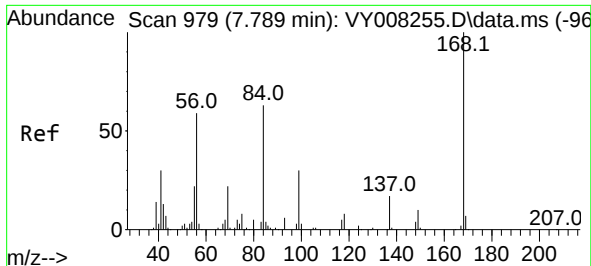
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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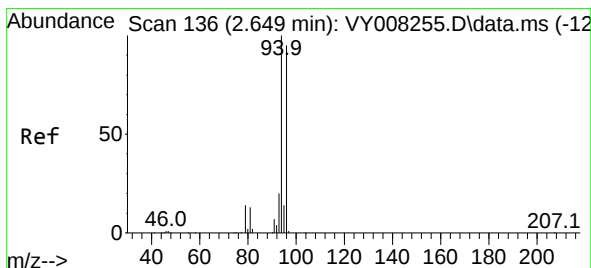
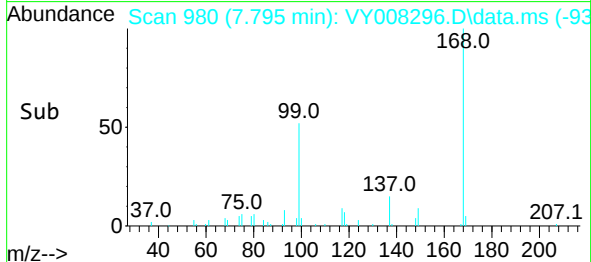
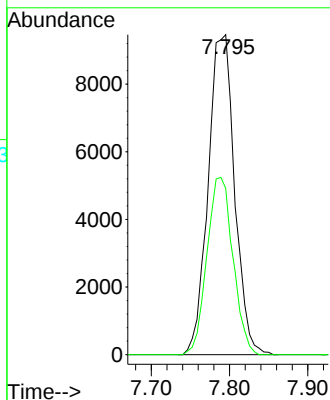
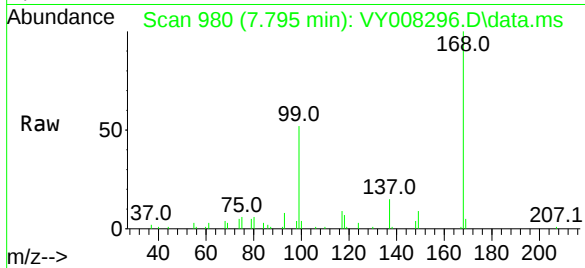




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008296.D
Acq: 12 Apr 2022 18:30

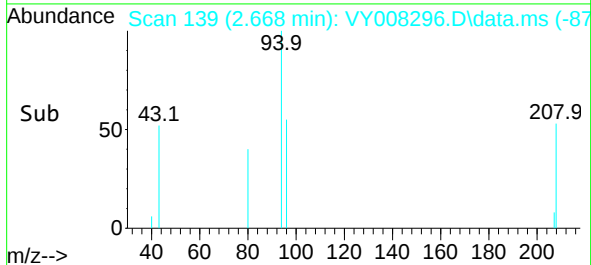
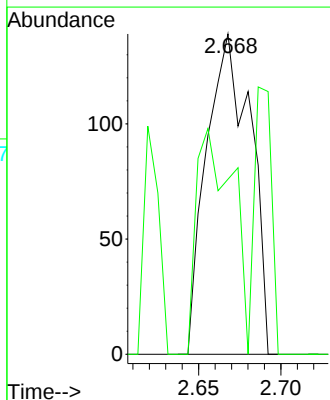
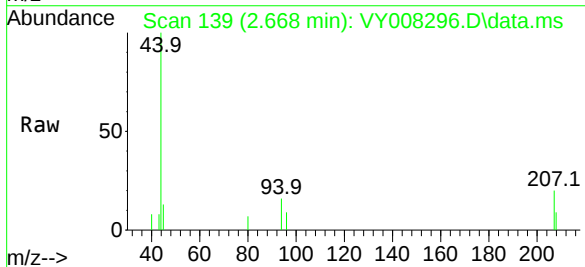
Instrument :
MSVOA_Y
ClientSampleId :
RBR-253RE

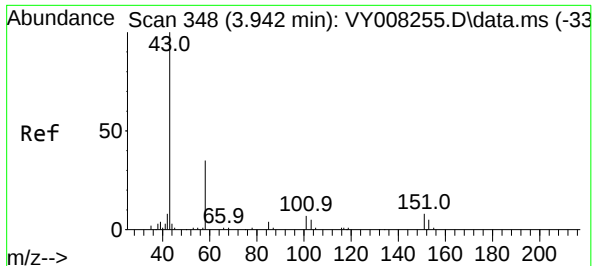
Tgt Ion:168 Resp: 22225
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.019 min
Lab File: VY008296.D
Acq: 12 Apr 2022 18:30

Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 54.7 73.5 110.3#

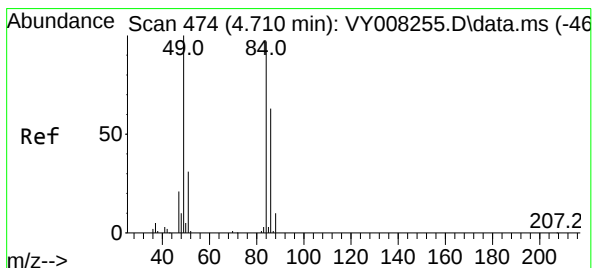
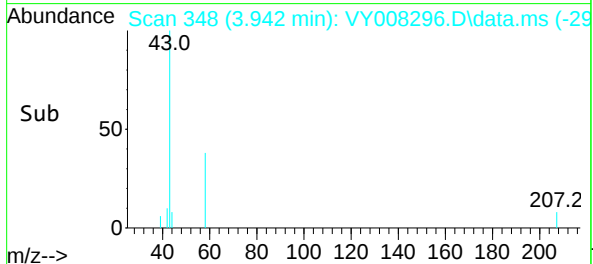
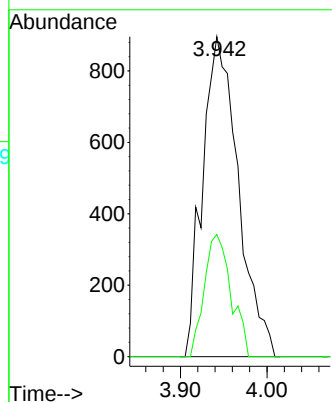
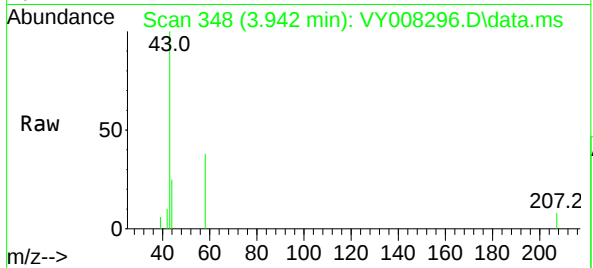




#16
Acetone
Concen: 50.983 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008296.D
Acq: 12 Apr 2022 18:30

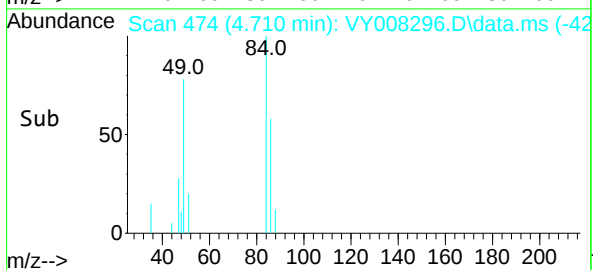
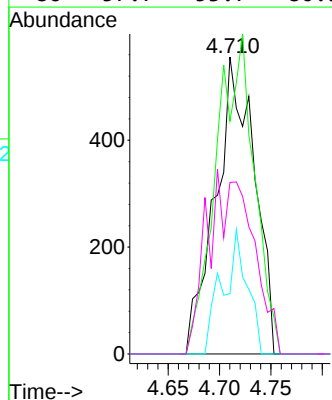
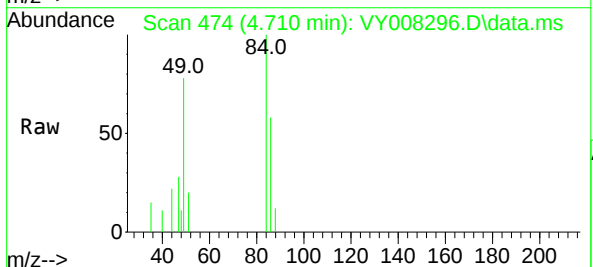
Instrument :
MSVOA_Y
ClientSampleId :
RBR-253RE

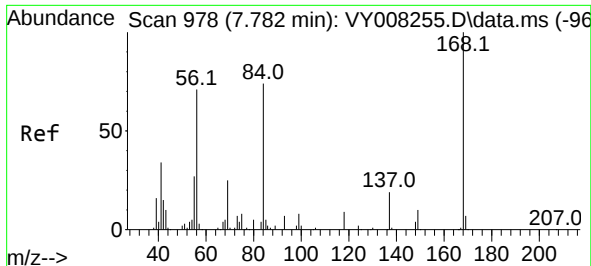
Tgt Ion: 43 Resp: 2560
Ion Ratio Lower Upper
43 100
58 38.2 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008296.D
Acq: 12 Apr 2022 18:30

Tgt Ion: 84 Resp: 1458
Ion Ratio Lower Upper
84 100
49 78.4 114.4 171.6#
51 20.3 35.3 52.9#
86 57.7 53.7 80.5

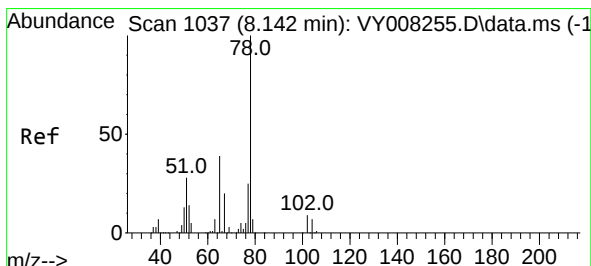
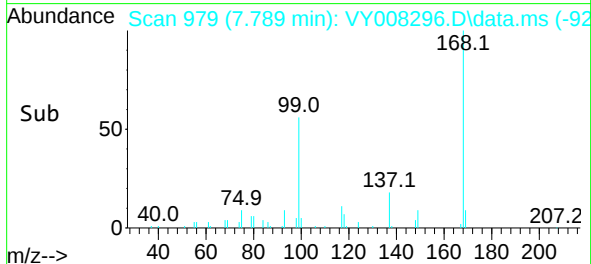
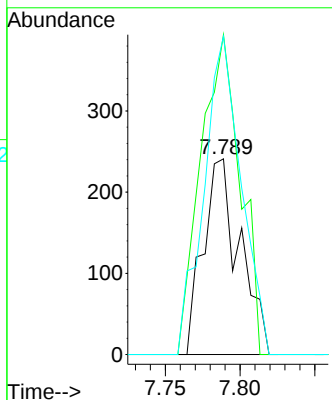
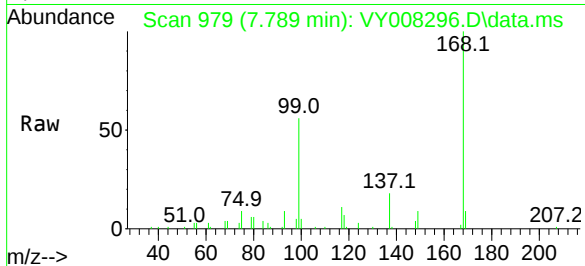




#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008296.D
Acq: 12 Apr 2022 18:30

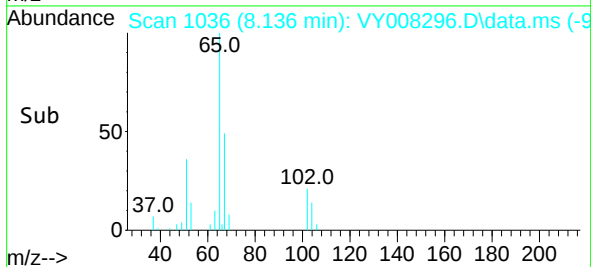
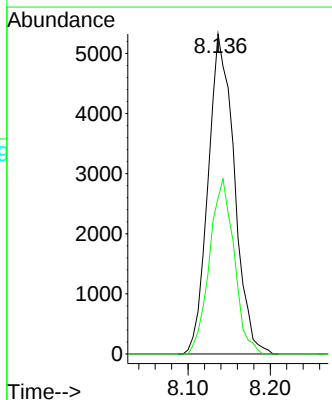
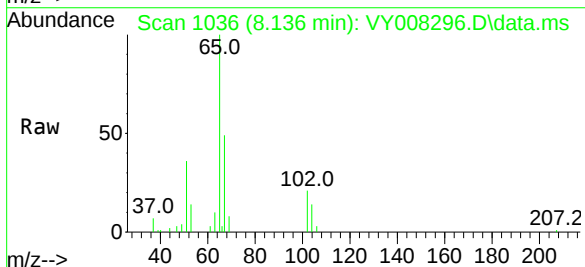
Instrument :
MSVOA_Y
ClientSampleId :
RBR-253RE

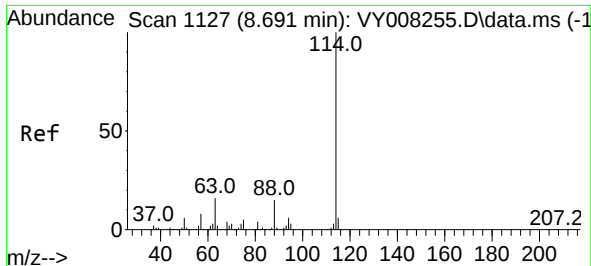
Tgt Ion: 56 Resp: 410
Ion Ratio Lower Upper
56 100
69 163.5 26.7 40.1#
84 162.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 56.394 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008296.D
Acq: 12 Apr 2022 18:30

Tgt Ion: 65 Resp: 11773
Ion Ratio Lower Upper
65 100
67 51.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008296.D

Acq: 12 Apr 2022 18:30

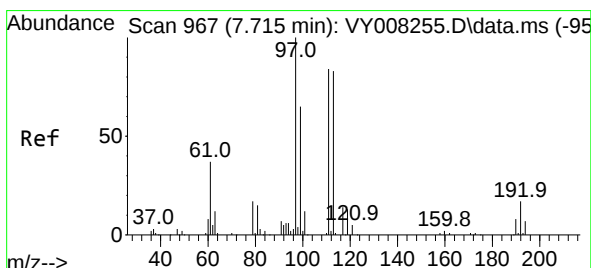
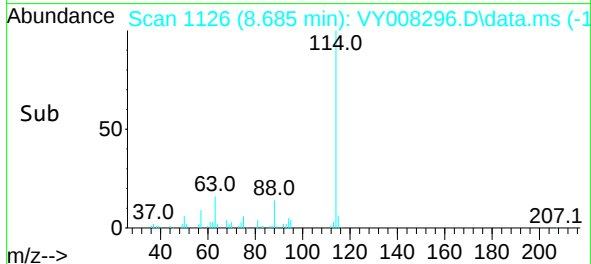
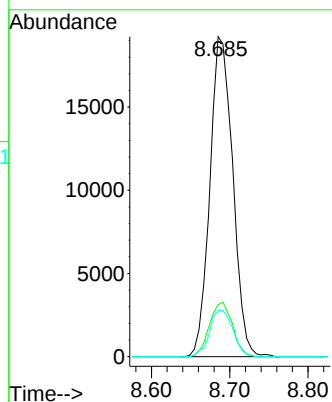
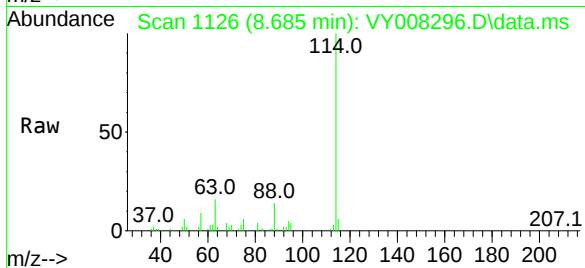
Instrument :

MSVOA_Y

ClientSampleId :

RBR-253RE

Tgt Ion:	114	Resp:	39085
Ion	Ratio	Lower	Upper
114	100		
63	16.3	0.0	43.2
88	14.4	0.0	31.8



#35

Dibromofluoromethane

Concen: 52.550 ug/l

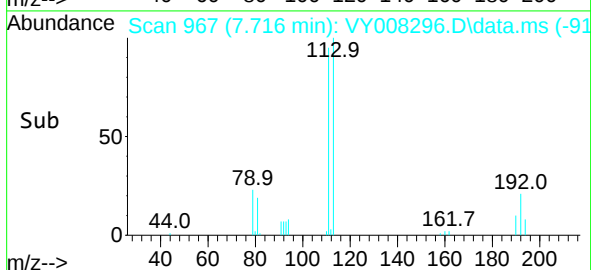
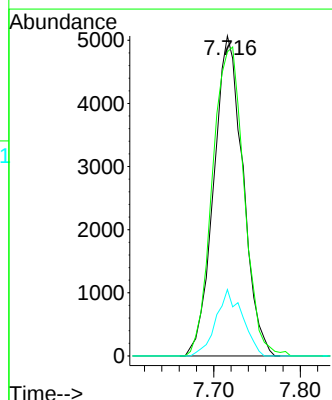
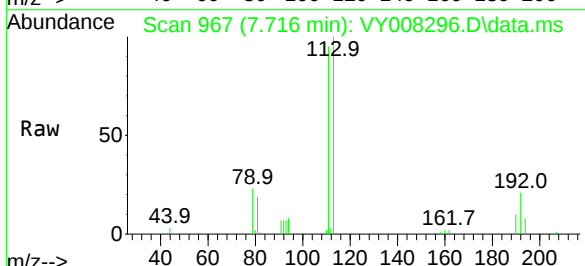
RT: 7.716 min Scan# 967

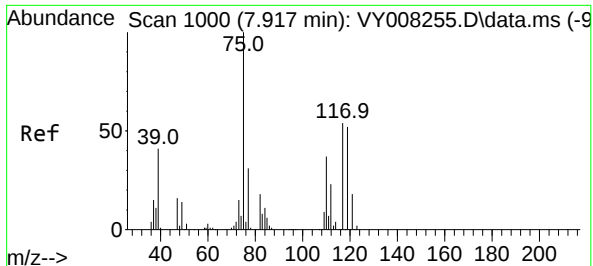
Delta R.T. 0.001 min

Lab File: VY008296.D

Acq: 12 Apr 2022 18:30

Tgt Ion:	113	Resp:	11863
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.6	124.0
192	18.8	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.827 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008296.D

Acq: 12 Apr 2022 18:30

Instrument :

MSVOA_Y

ClientSampleId :

RBR-253RE

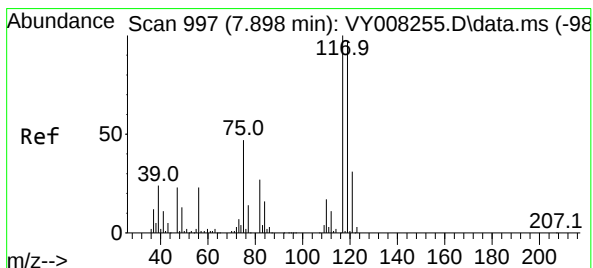
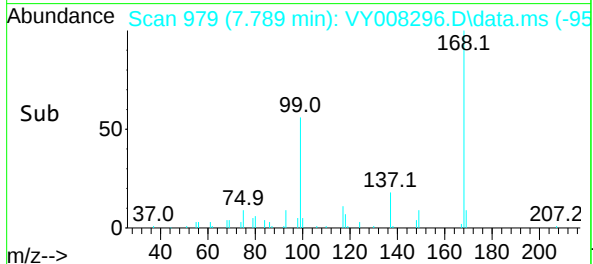
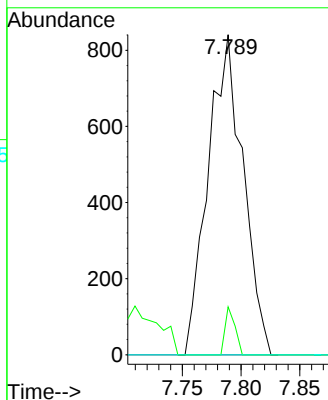
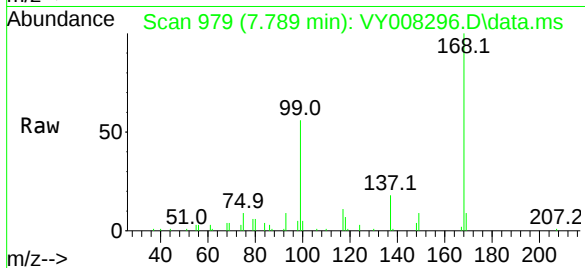
Tgt Ion: 75 Resp: 1740

Ion Ratio Lower Upper

75 100

110 4.3 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.039 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY008296.D

Acq: 12 Apr 2022 18:30

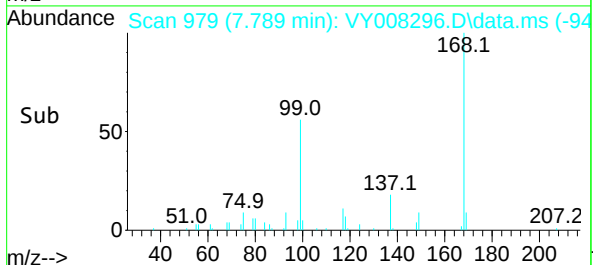
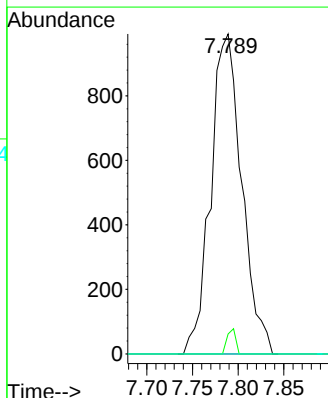
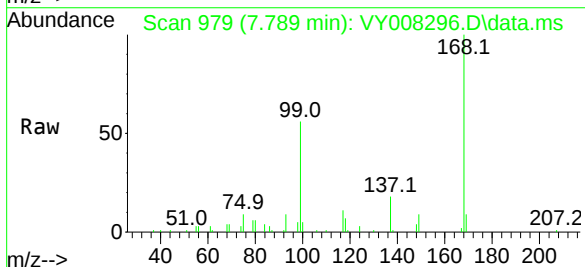
Tgt Ion: 117 Resp: 2342

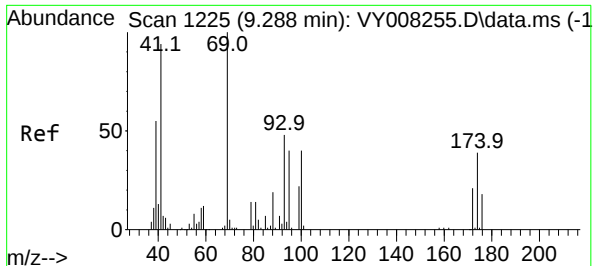
Ion Ratio Lower Upper

117 100

119 6.3 77.9 116.9#

121 0.0 24.8 37.2#





#48

Methyl methacrylate

Concen: 2.714 ug/l

RT: 9.411 min Scan# 1245

Delta R.T. 0.123 min

Lab File: VY008296.D

Acq: 12 Apr 2022 18:30

Instrument :

MSVOA_Y

ClientSampleId :

RBR-253RE

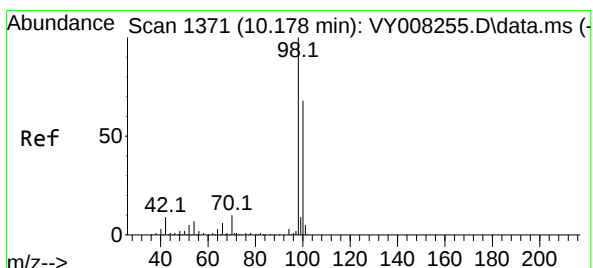
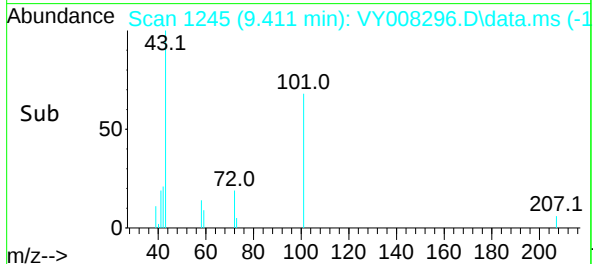
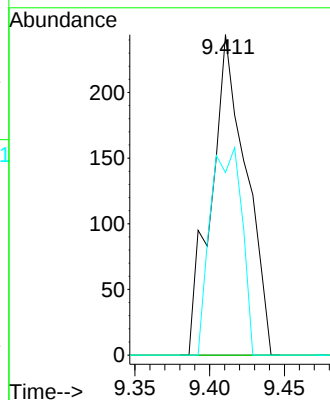
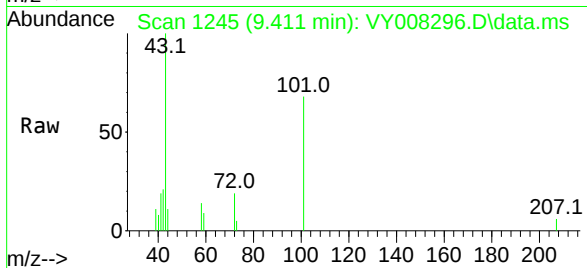
Tgt Ion: 41 Resp: 398

Ion Ratio Lower Upper

41 100

69 0.0 58.2 87.2#

39 57.8 47.4 71.0



#50

Toluene-d8

Concen: 59.564 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY008296.D

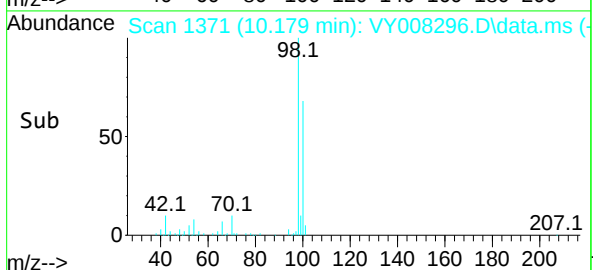
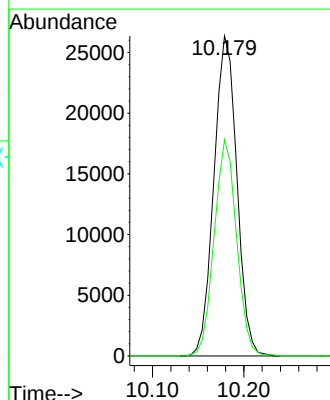
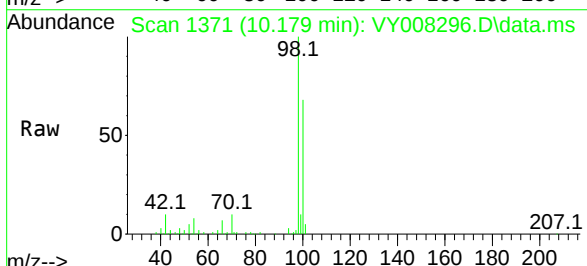
Acq: 12 Apr 2022 18:30

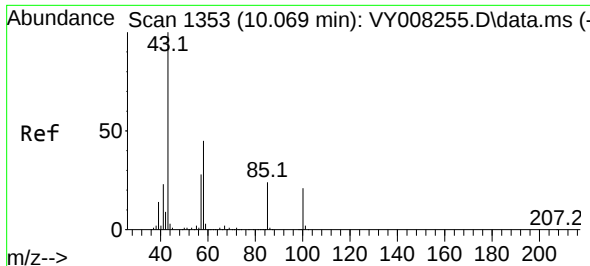
Tgt Ion: 98 Resp: 46011

Ion Ratio Lower Upper

98 100

100 66.1 50.2 75.2

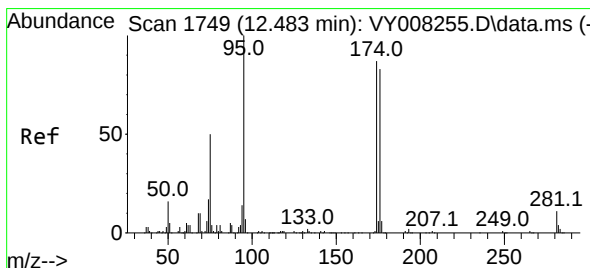
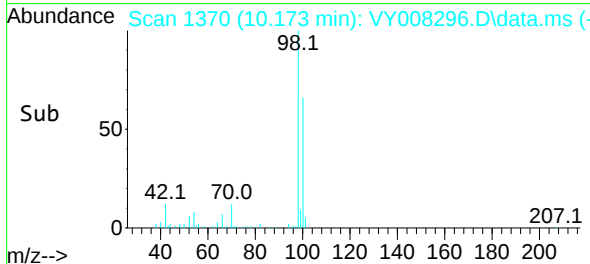
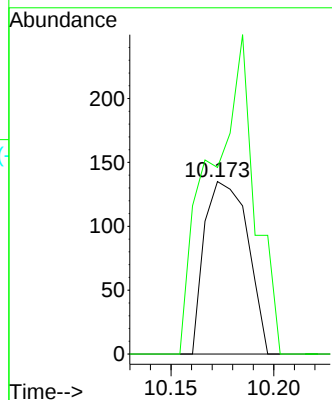
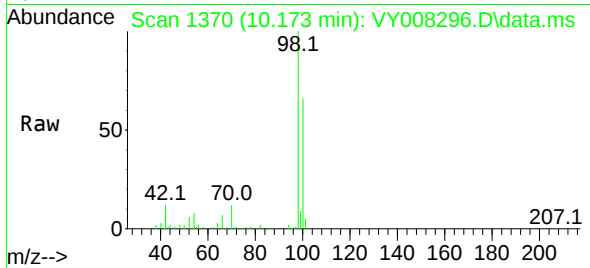




#51
4-Methyl-2-Pentanone
Concen: 1.112 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY008296.D
Acq: 12 Apr 2022 18:30

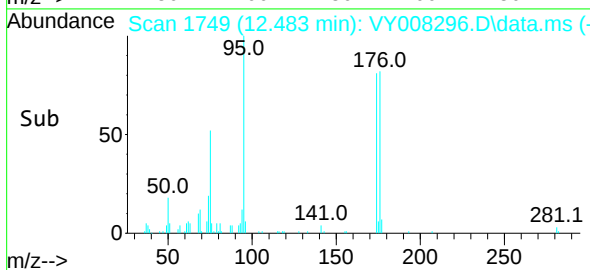
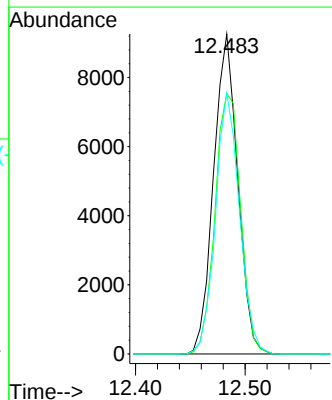
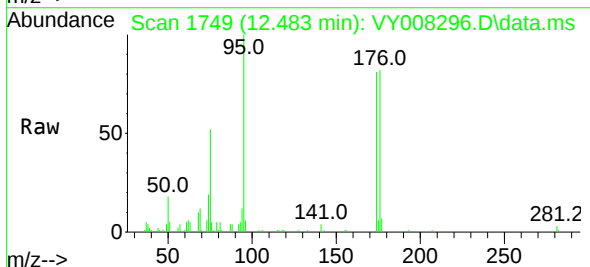
Instrument :
MSVOA_Y
ClientSampleId :
RBR-253RE

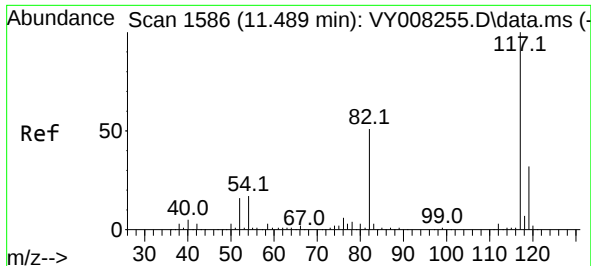
Tgt Ion: 43 Resp: 198
Ion Ratio Lower Upper
43 100
58 188.9 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 48.723 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008296.D
Acq: 12 Apr 2022 18:30

Tgt Ion: 95 Resp: 14156
Ion Ratio Lower Upper
95 100
174 86.3 0.0 177.0
176 81.2 0.0 175.8

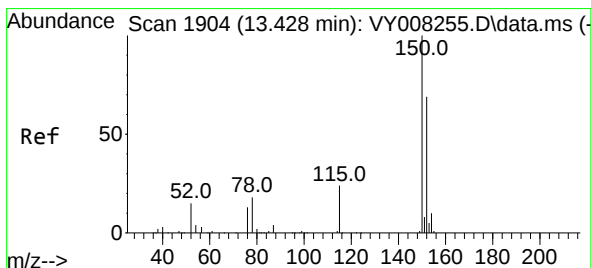
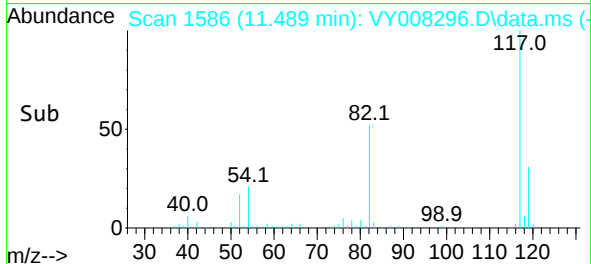
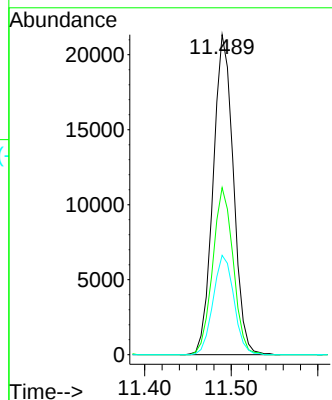
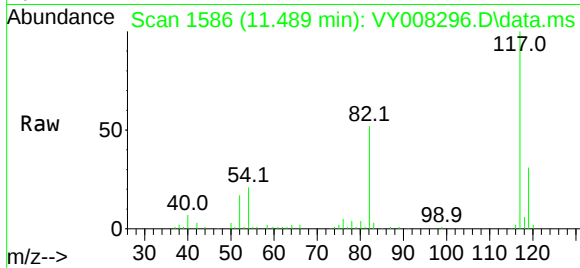




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008296.D
Acq: 12 Apr 2022 18:30

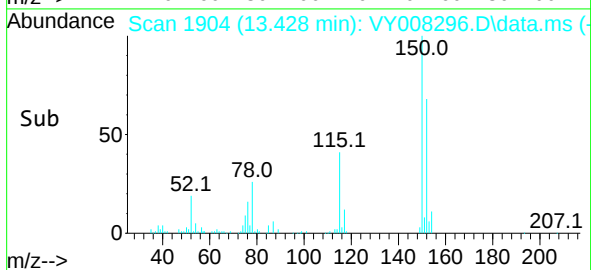
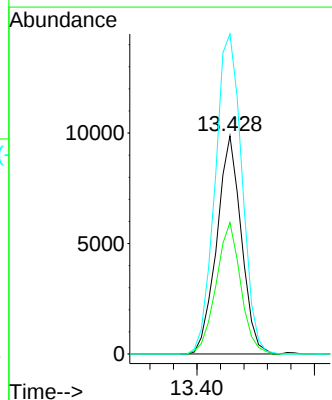
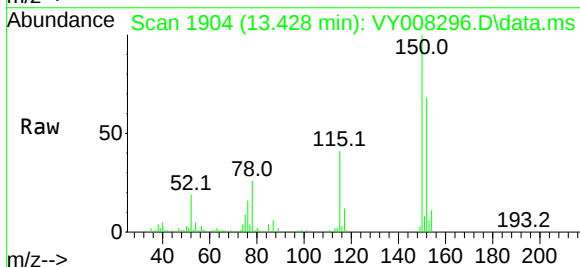
Instrument :
MSVOA_Y
ClientSampleId :
RBR-253RE

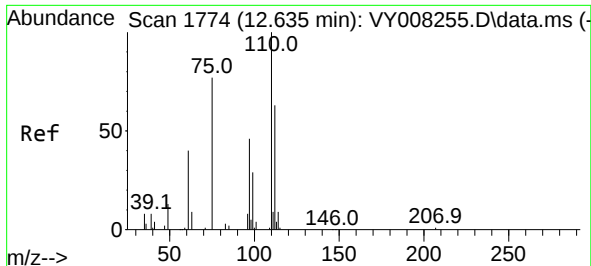
Tgt Ion:117 Resp: 34666
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008296.D
Acq: 12 Apr 2022 18:30

Tgt Ion:152 Resp: 14331
Ion Ratio Lower Upper
152 100
115 60.3 28.2 84.7
150 159.9 0.0 347.6

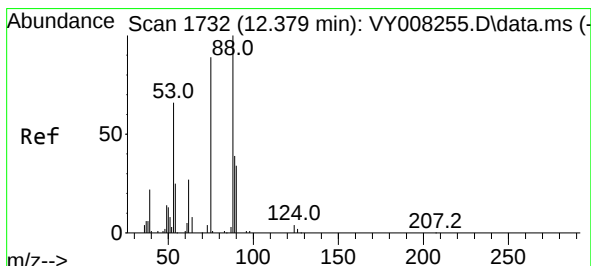
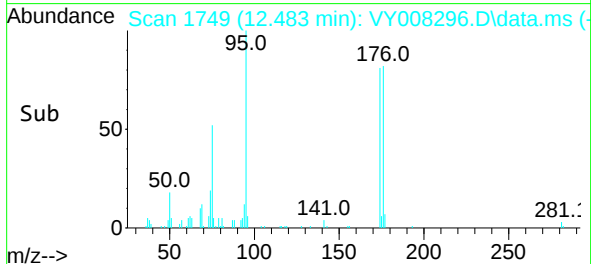
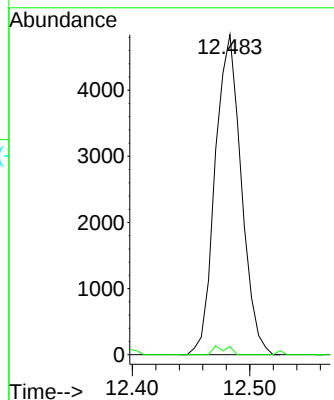
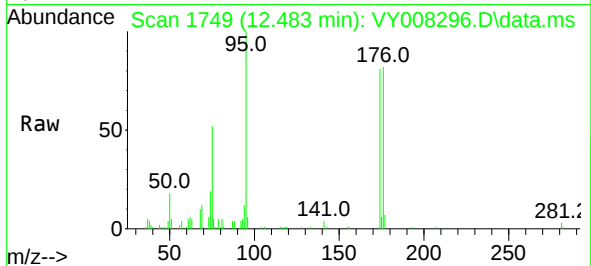




#76
1,2,3-Trichloropropane
Concen: 47.244 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008296.D
Acq: 12 Apr 2022 18:30

Instrument :
MSVOA_Y
ClientSampleId :
RBR-253RE

Tgt Ion: 75 Resp: 7488
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.706 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008296.D
Acq: 12 Apr 2022 18:30

Tgt Ion: 75 Resp: 7488
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

