

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032321\
 Data File : VY004172.D
 Acq On : 23 Mar 2021 12:39
 Operator : SY/MD
 Sample : M1765-03
 Misc : 6.54g/5mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-54

Quant Time: Mar 24 01:19:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

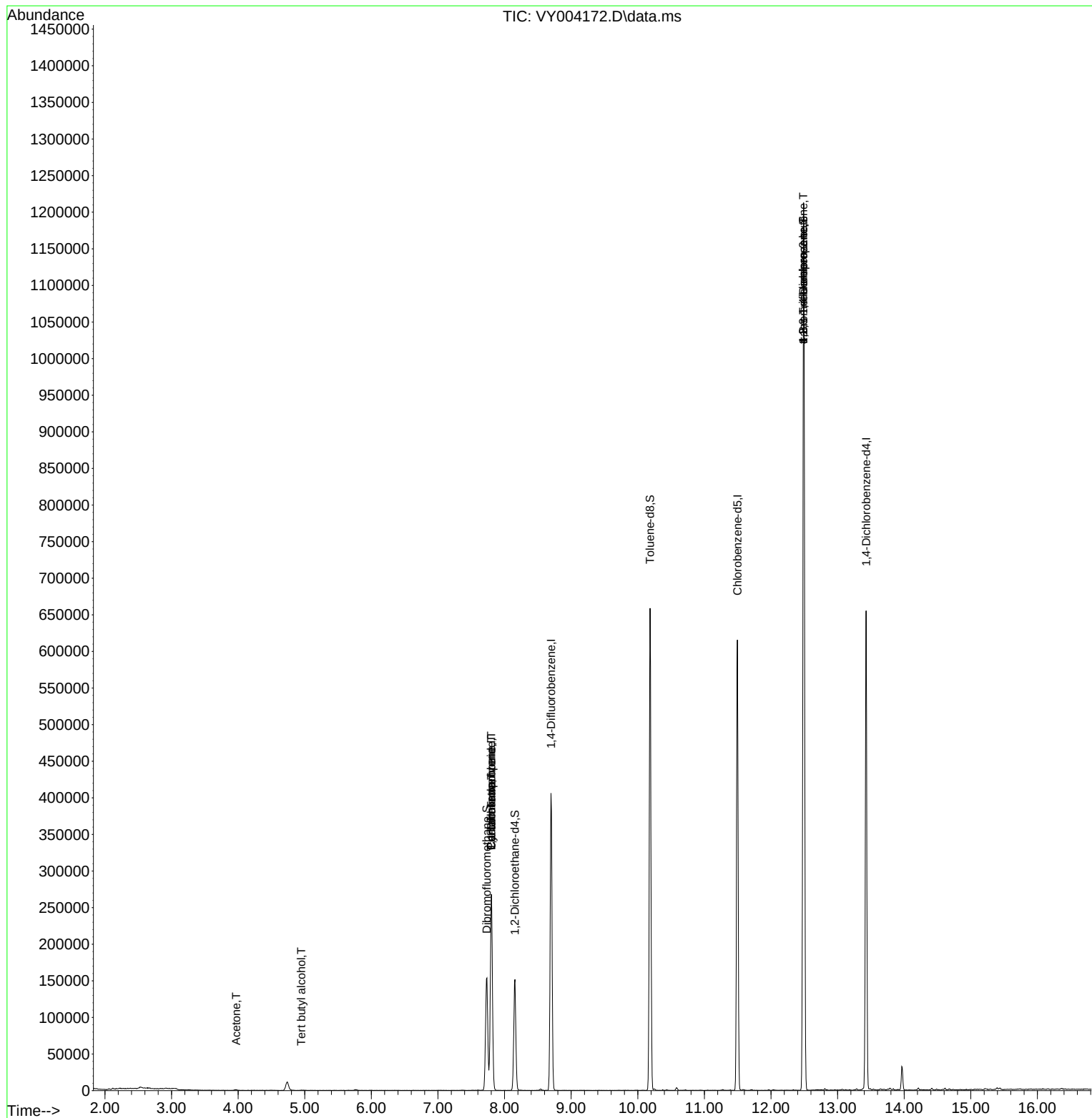
Internal Standards						
1) Pentafluorobenzene	7.801	168	209709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	349583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	333493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	115902	56.00	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.00%
35) Dibromofluoromethane	7.734	113	107427	54.49	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.98%
50) Toluene-d8	10.185	98	422289	54.64	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.28%
62) 4-Bromofluorobenzene	12.483	95	155016	54.31	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.62%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	1001	Below Cal		100
11) Tert butyl alcohol	4.948	59	398	2.13 ug/l #		76
16) Acetone	3.973	43	1577	3.16 ug/l		100
20) Methylene Chloride	4.735	84	8524	Below Cal		88
31) Cyclohexane	7.801	56	4270	1.18 ug/l #		1
36) 1,1-Dichloropropene	7.801	75	15325	4.99 ug/l #		49
38) Carbon Tetrachloride	7.801	117	20706	6.35 ug/l #		16
76) 1,2,3-Trichloropropane	12.483	75	88053	55.66 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	88053	109.85 ug/l #		14

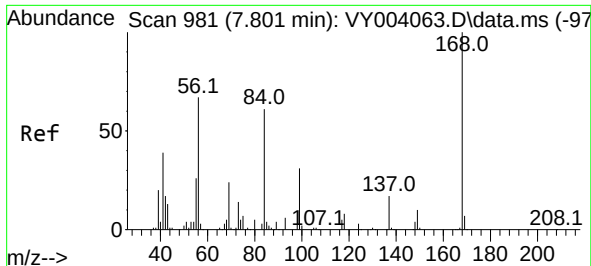
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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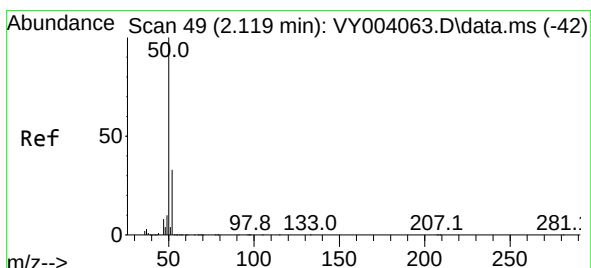
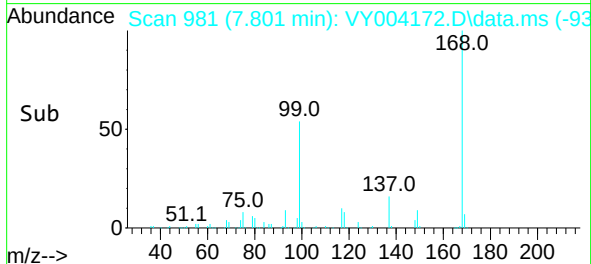
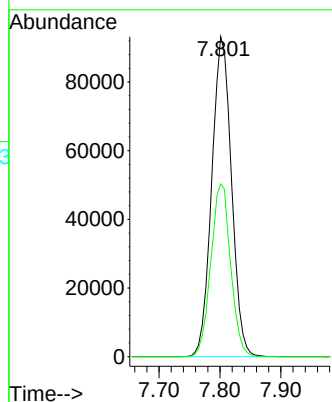
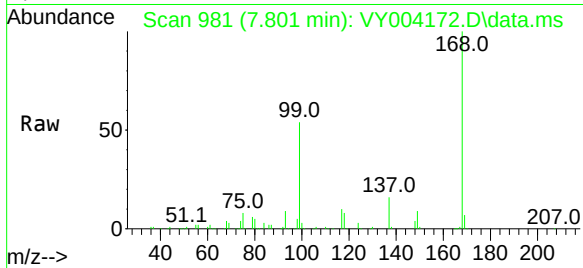




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004172.D
Acq: 23 Mar 2021 12:39

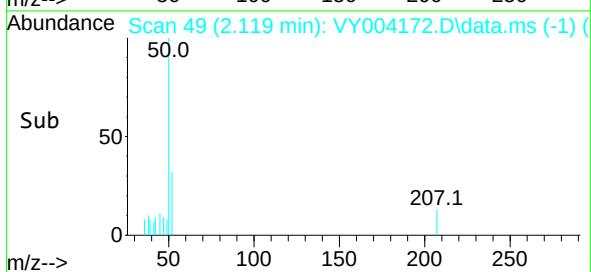
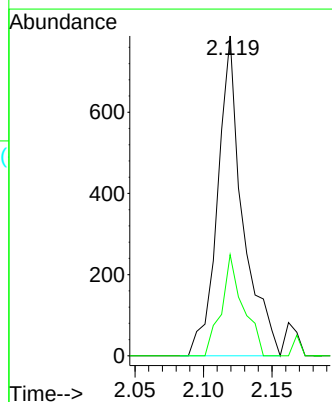
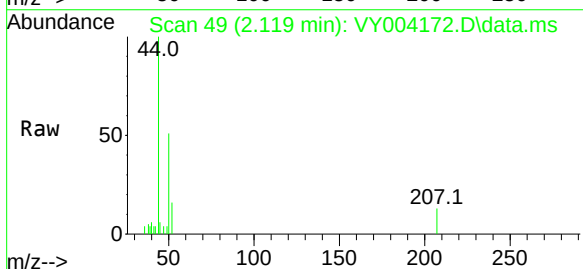
Instrument :
MSVOA_Y
ClientSampleId :
RBR-54

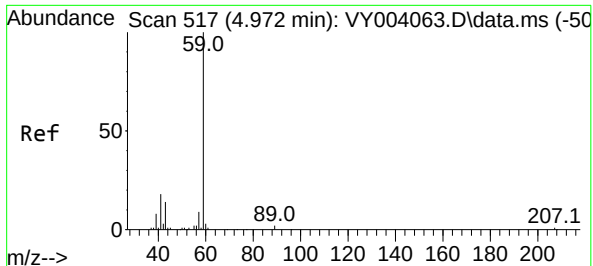
Tgt Ion:168 Resp: 209709
Ion Ratio Lower Upper
168 100
99 54.0 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004172.D
Acq: 23 Mar 2021 12:39

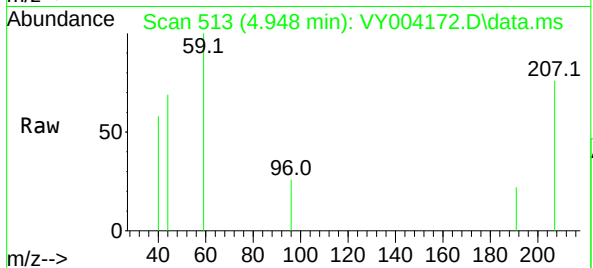
Tgt Ion: 50 Resp: 1001
Ion Ratio Lower Upper
50 100
52 31.6 25.4 38.2



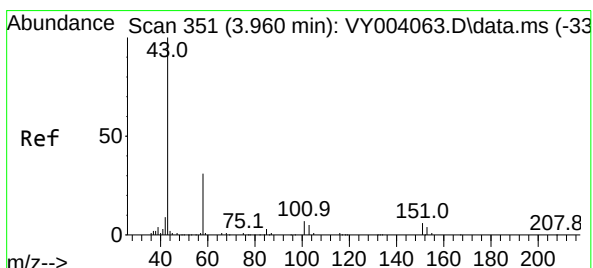
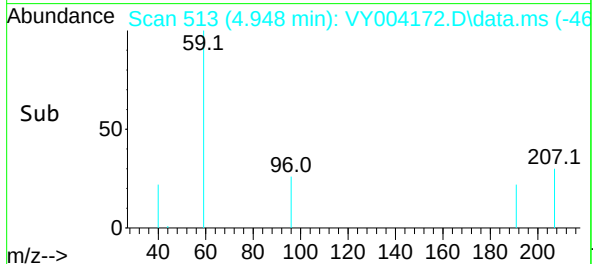
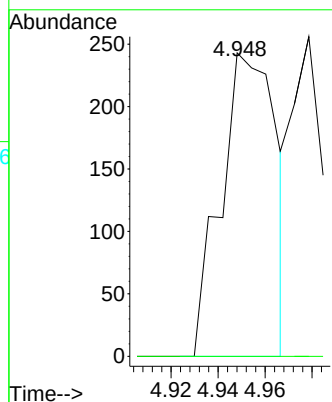


#11
Tert butyl alcohol
Concen: 2.13 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY004172.D
Acq: 23 Mar 2021 12:39

Instrument :
MSVOA_Y
ClientSampled :
RBR-54

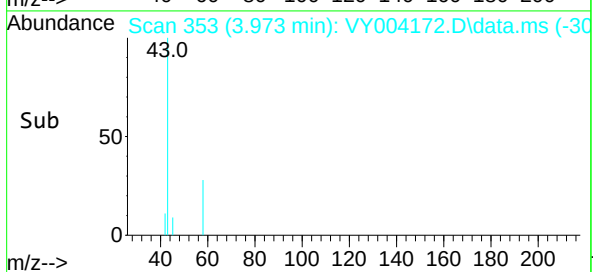
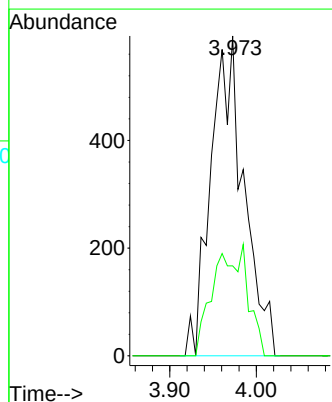
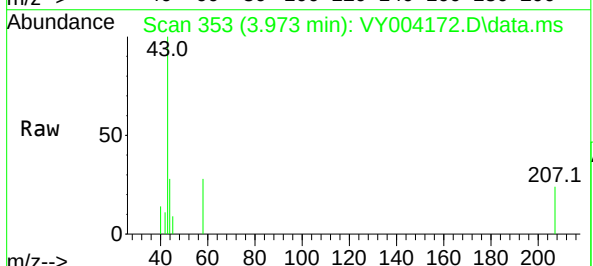


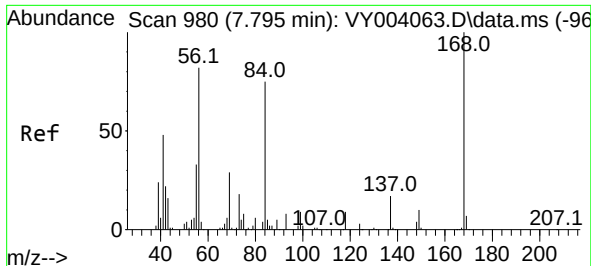
Tgt Ion: 59 Resp: 398
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#



#16
Acetone
Concen: 3.16 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY004172.D
Acq: 23 Mar 2021 12:39

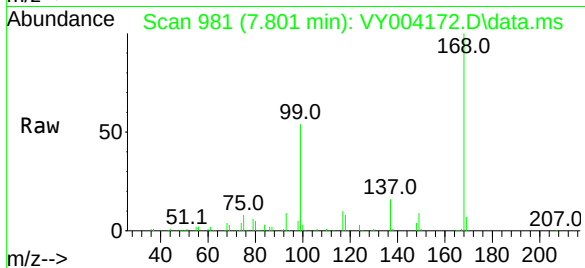
Tgt Ion: 43 Resp: 1577
Ion Ratio Lower Upper
43 100
58 28.1 22.6 34.0



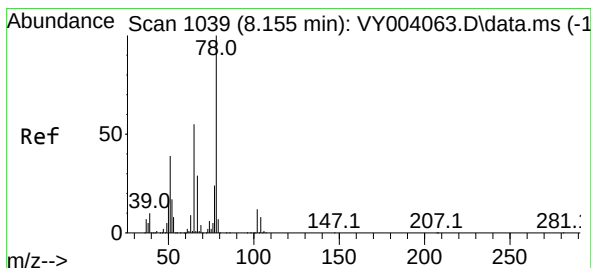
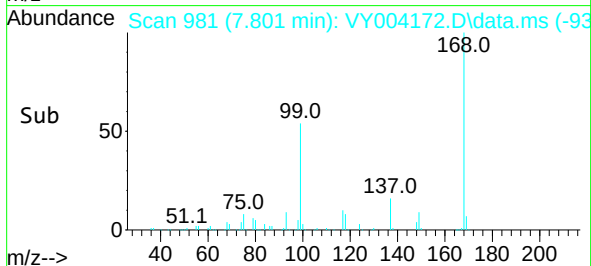
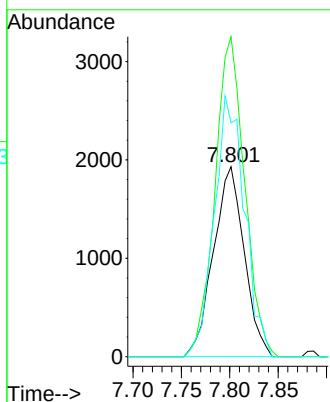


#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004172.D
Acq: 23 Mar 2021 12:39

Instrument :
MSVOA_Y
ClientSampled :
RBR-54

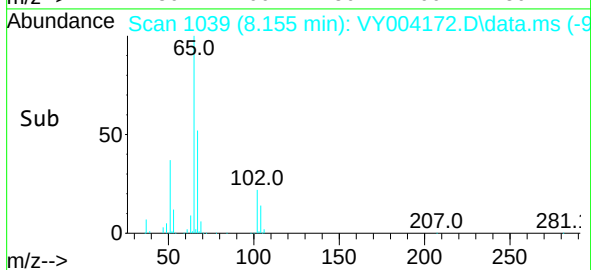
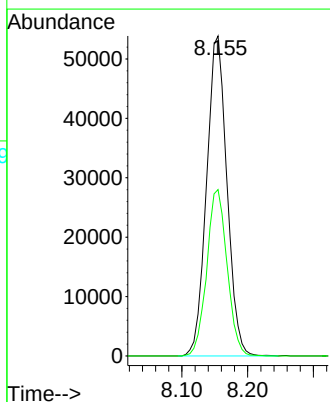
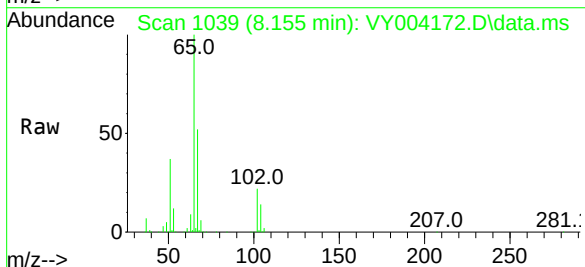


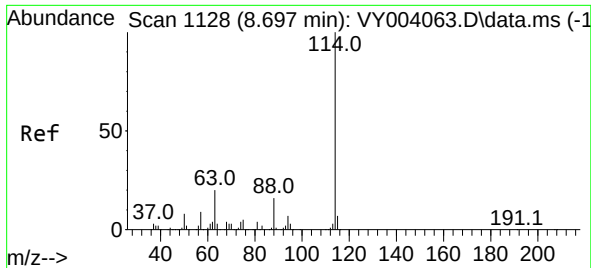
Tgt Ion: 56 Resp: 4270
Ion Ratio Lower Upper
56 100
69 168.5 25.3 37.9#
84 123.2 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 56.00 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004172.D
Acq: 23 Mar 2021 12:39

Tgt Ion: 65 Resp: 115902
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4

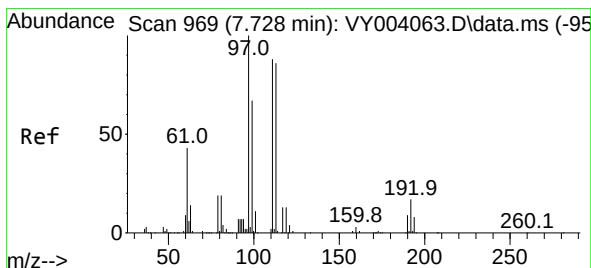
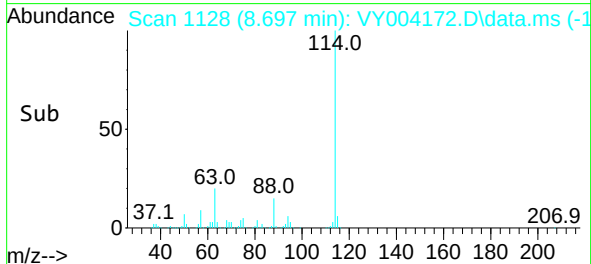
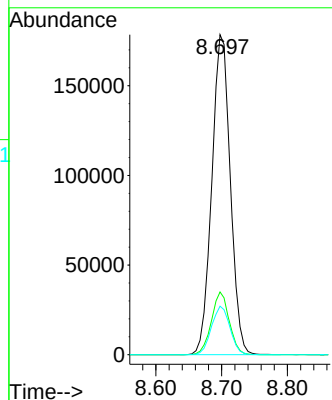
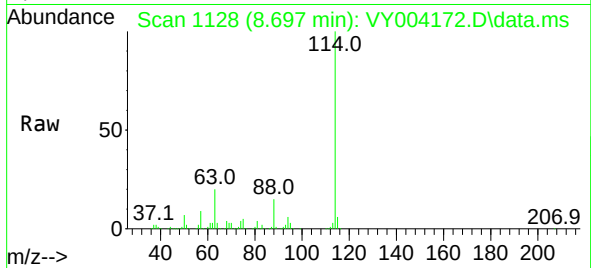




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004172.D
Acq: 23 Mar 2021 12:39

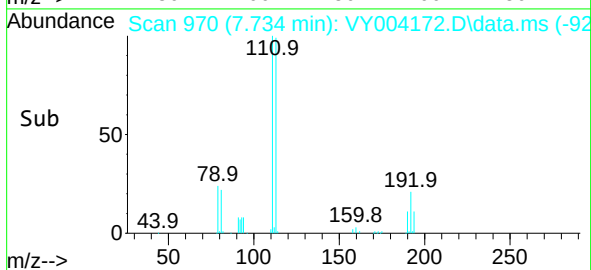
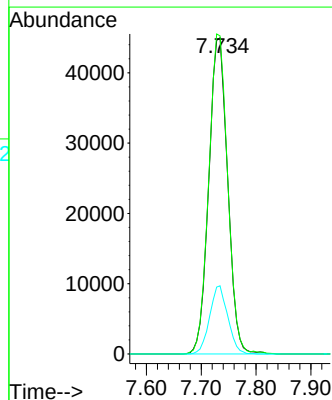
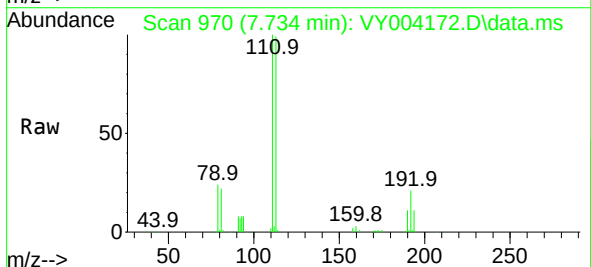
Instrument :
MSVOA_Y
ClientSampleId :
RBR-54

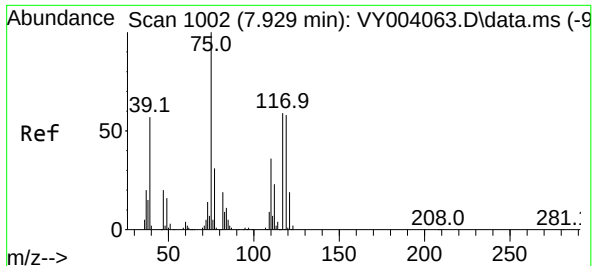
Tgt Ion:	114	Resp:	349583
Ion Ratio	Lower	Upper	
114	100		
63	19.6	0.0	41.6
88	15.1	0.0	31.4



#35
Dibromofluoromethane
Concen: 54.49 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004172.D
Acq: 23 Mar 2021 12:39

Tgt Ion:	113	Resp:	107427
Ion Ratio	Lower	Upper	
113	100		
111	101.3	83.2	124.8
192	20.7	18.5	27.7

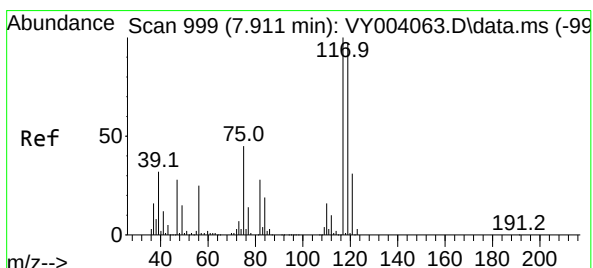
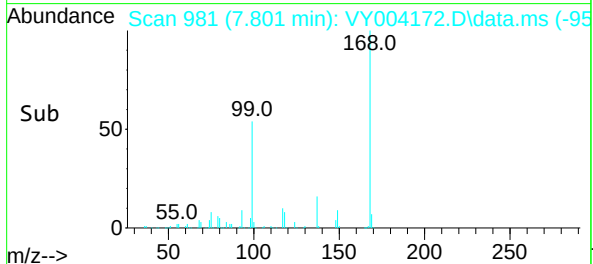
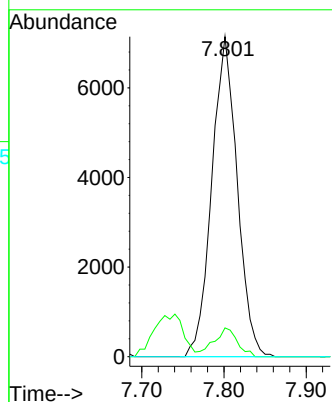
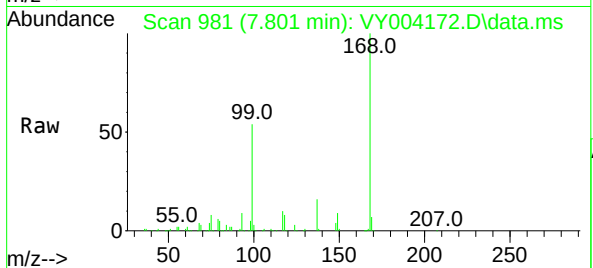




#36
1,1-Dichloropropene
Concen: 4.99 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004172.D
Acq: 23 Mar 2021 12:39

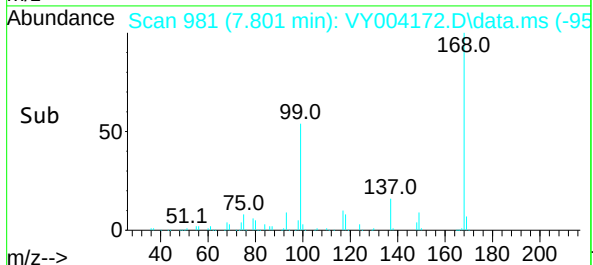
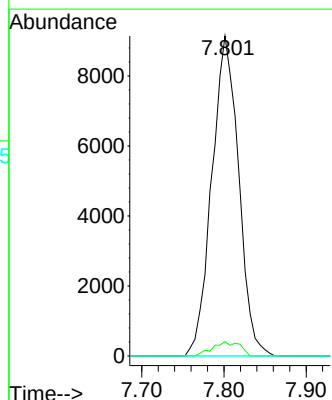
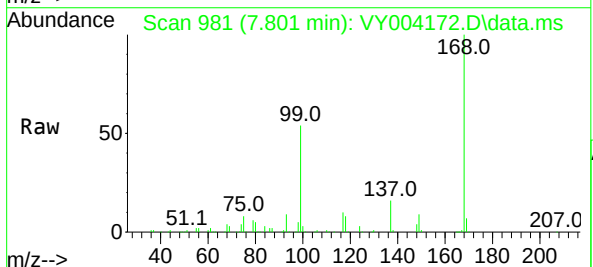
Instrument :
MSVOA_Y
ClientSampled :
RBR-54

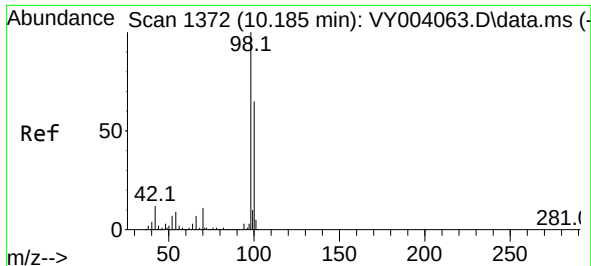
Tgt Ion: 75 Resp: 15325
Ion Ratio Lower Upper
75 100
110 8.1 17.4 52.3#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004172.D
Acq: 23 Mar 2021 12:39

Tgt Ion: 117 Resp: 20706
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.0#
121 0.0 24.2 36.2#

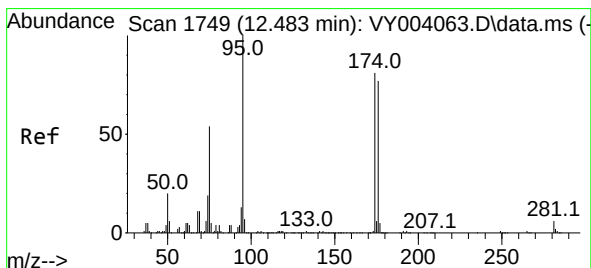
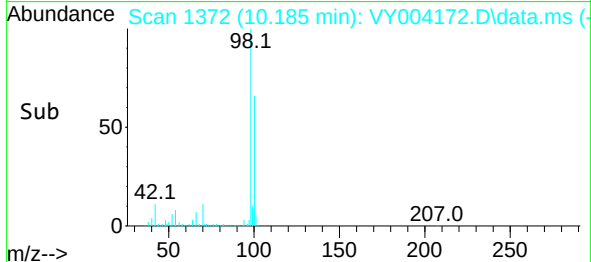
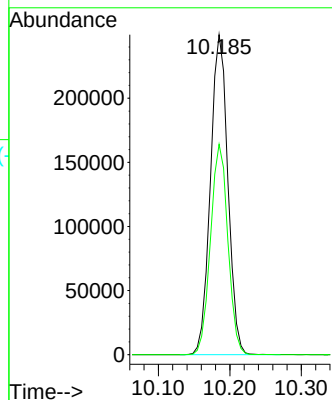
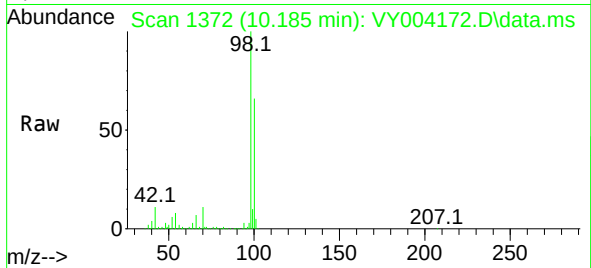




#50
Toluene-d8
Concen: 54.64 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004172.D
Acq: 23 Mar 2021 12:39

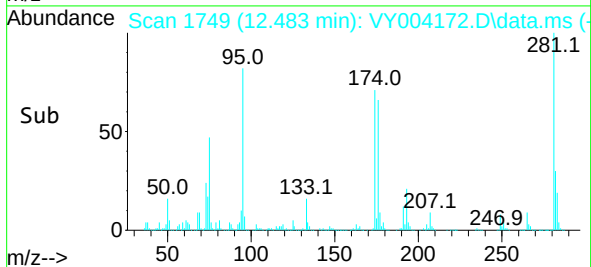
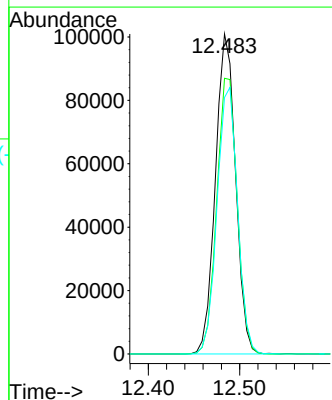
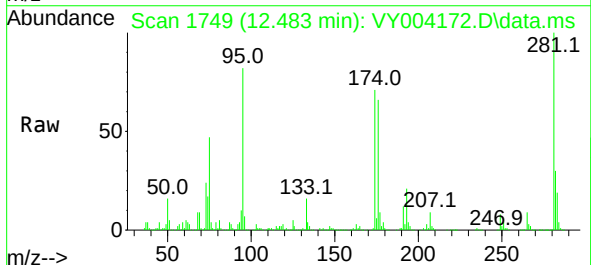
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RBR-54

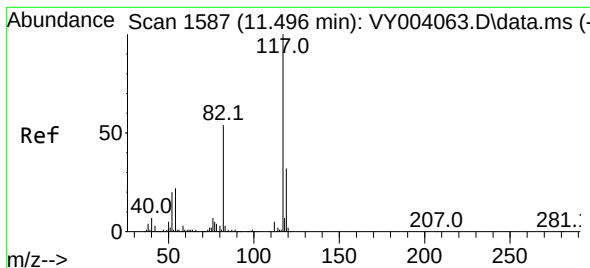
Tgt Ion: 98 Resp: 422289
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.31 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004172.D
Acq: 23 Mar 2021 12:39

Tgt Ion: 95 Resp: 155016
Ion Ratio Lower Upper
95 100
174 87.5 0.0 179.0
176 84.7 0.0 174.4

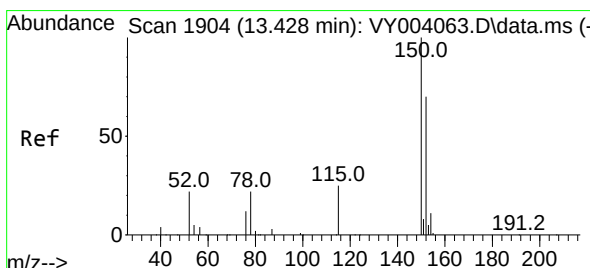
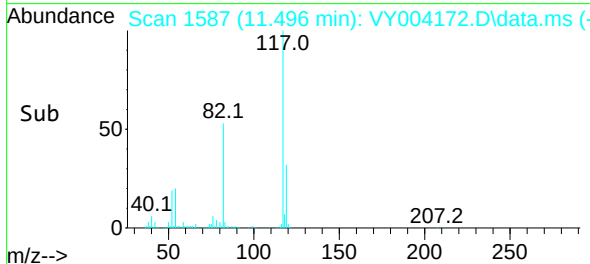
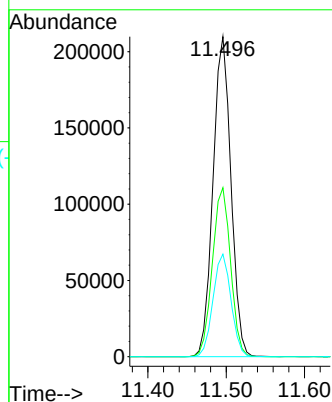
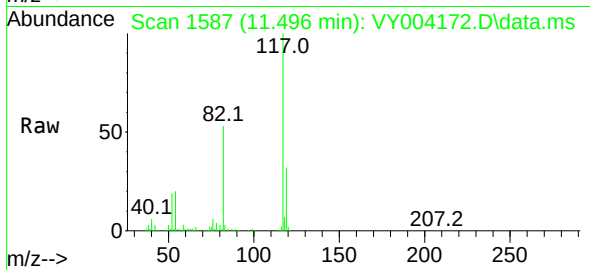




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004172.D
Acq: 23 Mar 2021 12:39

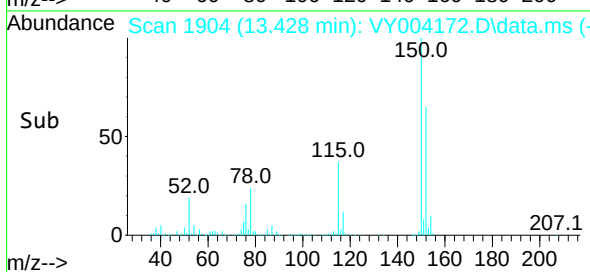
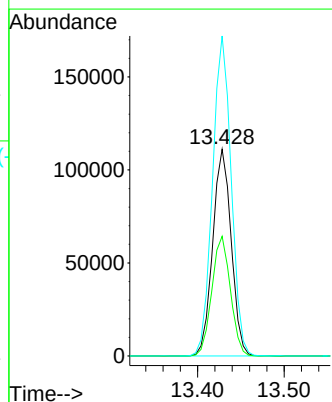
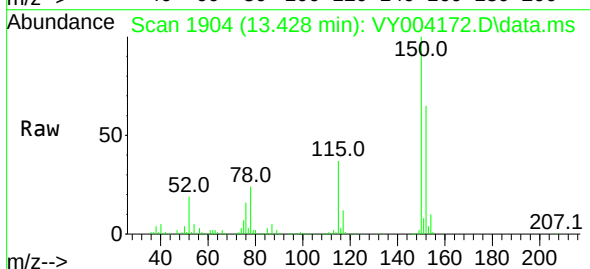
Instrument :
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RBR-54

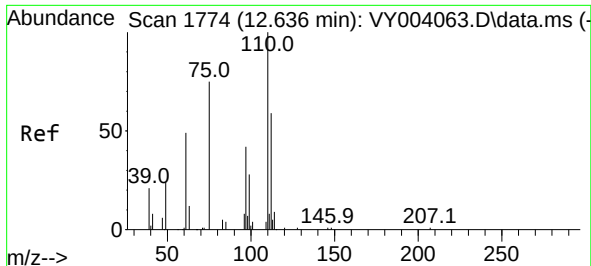
Tgt Ion:117 Resp: 333493
Ion Ratio Lower Upper
117 100
82 52.8 43.8 65.6
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004172.D
Acq: 23 Mar 2021 12:39

Tgt Ion:152 Resp: 164984
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.6
150 156.0 0.0 347.2

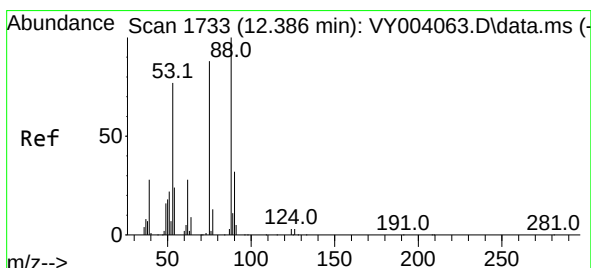
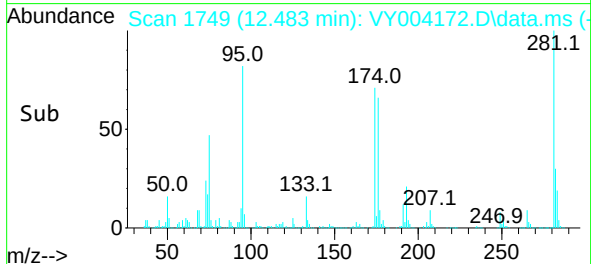
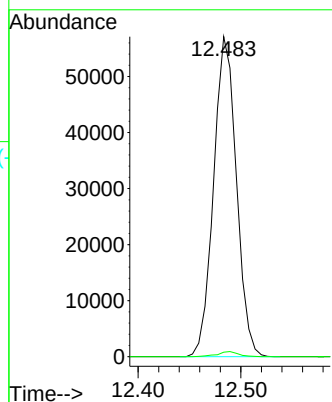
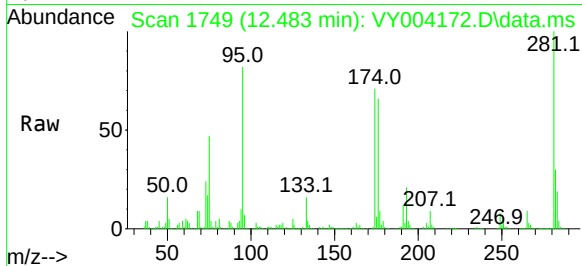




#76
1,2,3-Trichloropropane
Concen: 55.66 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004172.D
Acq: 23 Mar 2021 12:39

Instrument :
MSVOA_Y
ClientSampled :
RBR-54

Tgt Ion: 75 Resp: 88053
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.85 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004172.D
Acq: 23 Mar 2021 12:39

Tgt Ion: 75 Resp: 88053
Ion Ratio Lower Upper
75 100
53 0.1 73.5 110.3#
89 3.0 35.7 53.5#

