

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032321\
 Data File : VY004171.D
 Acq On : 23 Mar 2021 12:16
 Operator : SY/MD
 Sample : M1765-01
 Misc : 5.83g/5mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-07

Quant Time: Mar 24 01:18:48 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)

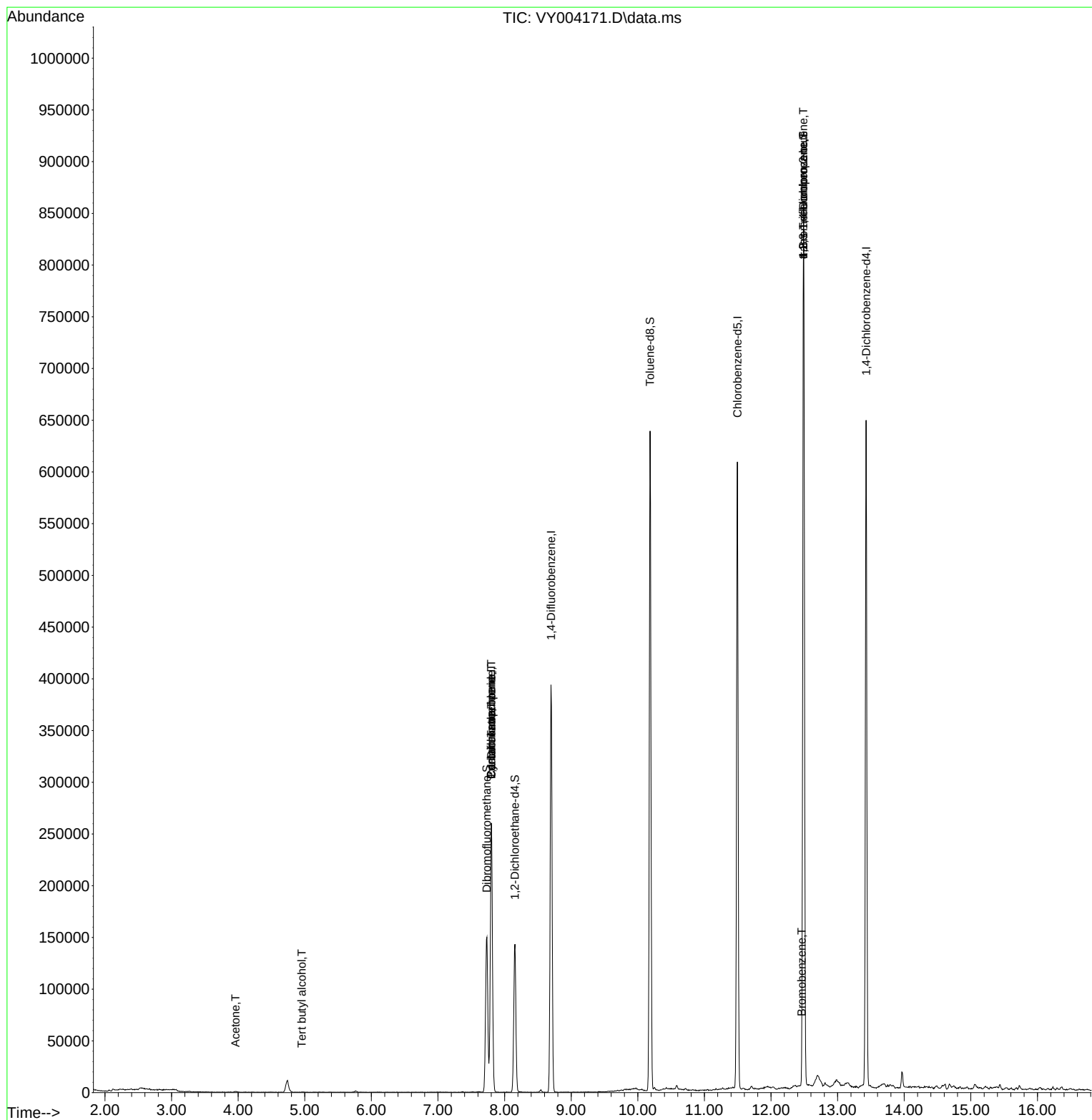
Internal Standards						
1) Pentafluorobenzene	7.801	168	204136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	343144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	326576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163342	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	113405	56.29	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.58%
35) Dibromofluoromethane	7.734	113	105332	54.43	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.86%
50) Toluene-d8	10.185	98	408392	53.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.66%
62) 4-Bromofluorobenzene	12.483	95	149764	53.45	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.90%
Target Compounds						
3) Chloromethane	2.113	50	945	Below Cal	#	81
11) Tert butyl alcohol	4.954	59	247	1.36	ug/l #	76
16) Acetone	3.960	43	1252	2.57	ug/l #	75
20) Methylene Chloride	4.741	84	8672	Below Cal	#	81
31) Cyclohexane	7.801	56	4361	1.23	ug/l #	11
36) 1,1-Dichloropropene	7.801	75	15047	4.99	ug/l #	51
38) Carbon Tetrachloride	7.801	117	20242	6.33	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.795	63	74	Below Cal	#	47
76) 1,2,3-Trichloropropane	12.483	75	84340	53.85	ug/l #	100
77) Bromobenzene	12.459	156	2902	1.11	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	84340	106.28	ug/l #	14

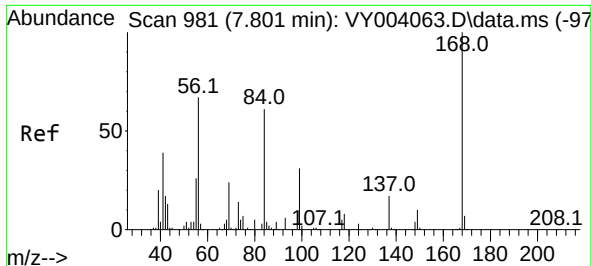
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RBR-07

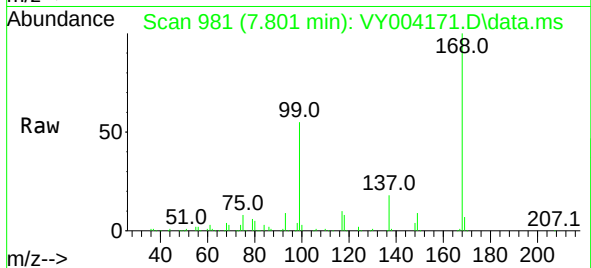
Quant Time: Mar 24 01:18:48 2021
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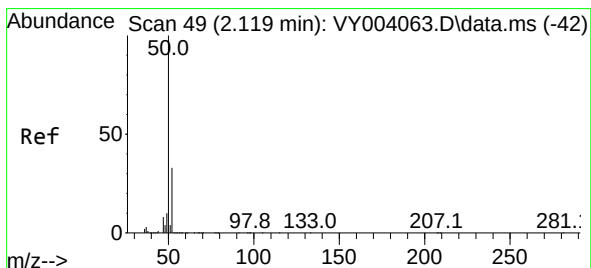
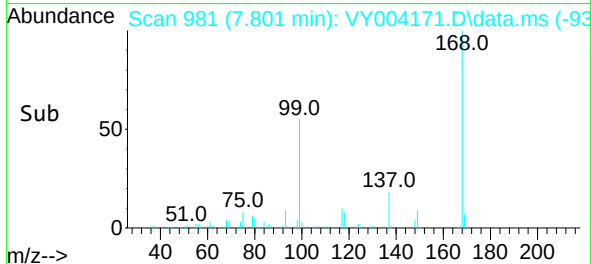
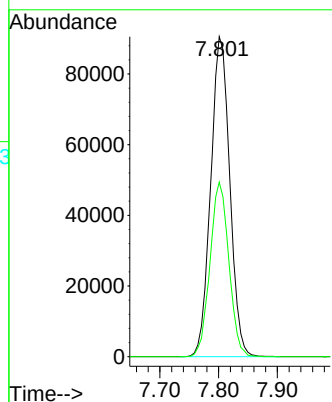


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

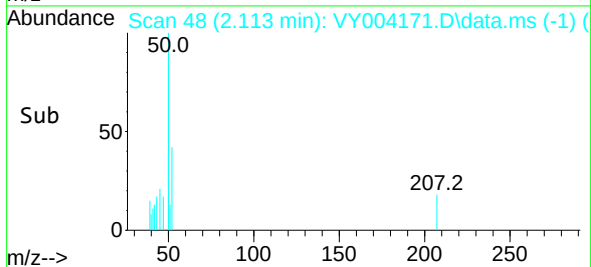
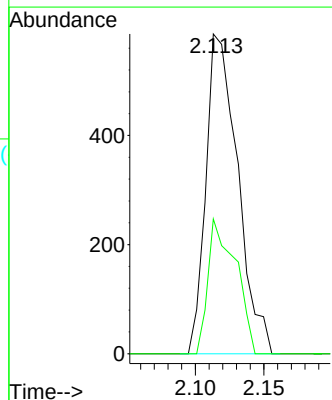
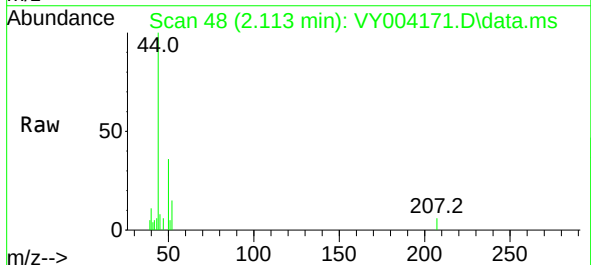


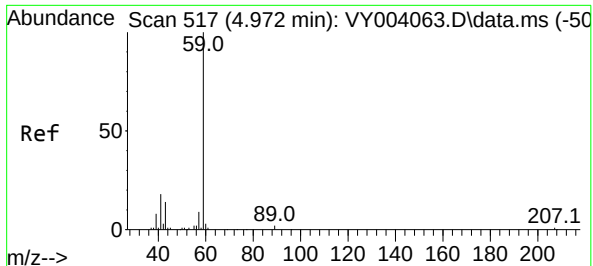
Tgt Ion:168 Resp: 204136
Ion Ratio Lower Upper
168 100
99 54.5 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

Tgt Ion: 50 Resp: 945
Ion Ratio Lower Upper
50 100
52 42.2 25.4 38.2#



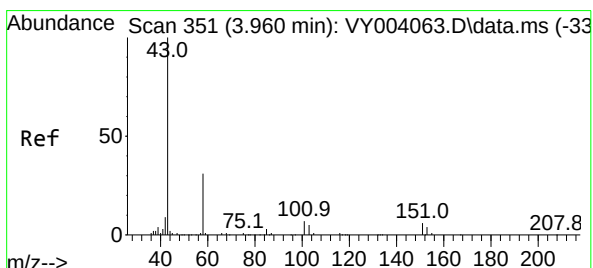
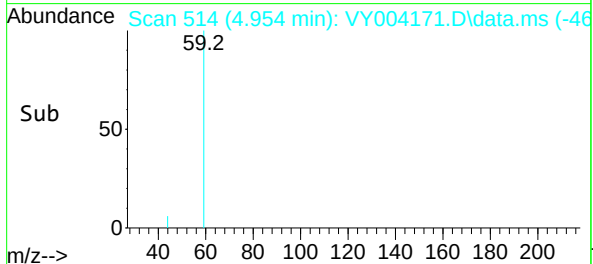
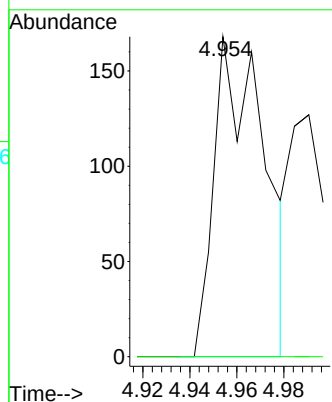
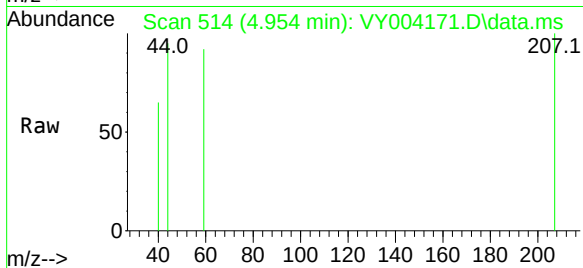


#11

Tert butyl alcohol
Concen: 1.36 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

Instrument :
MSVOA_Y
ClientSampled :
RBR-07

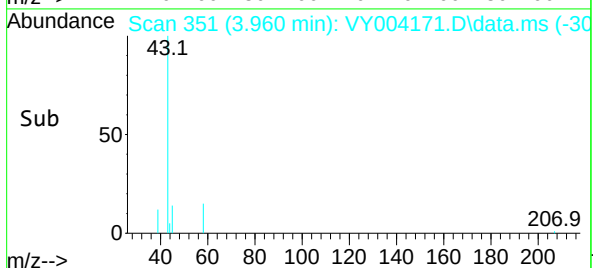
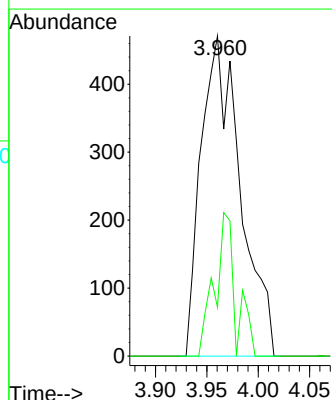
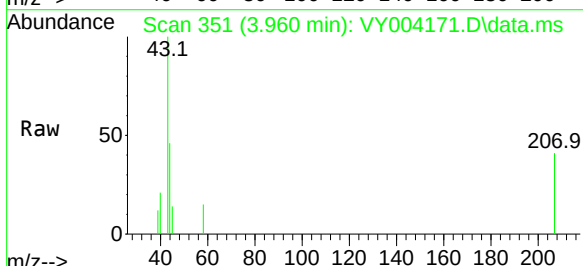
Tgt Ion: 59 Resp: 247
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

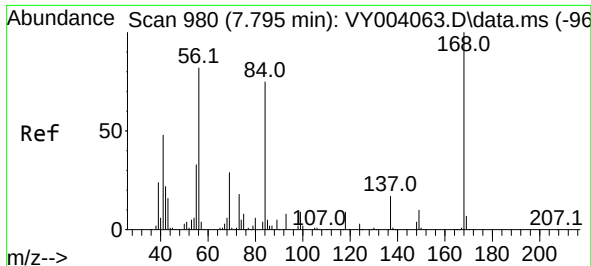


#16

Acetone
Concen: 2.57 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

Tgt Ion: 43 Resp: 1252
Ion Ratio Lower Upper
43 100
58 15.3 22.6 34.0#

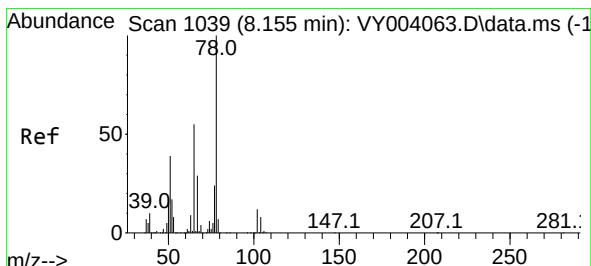
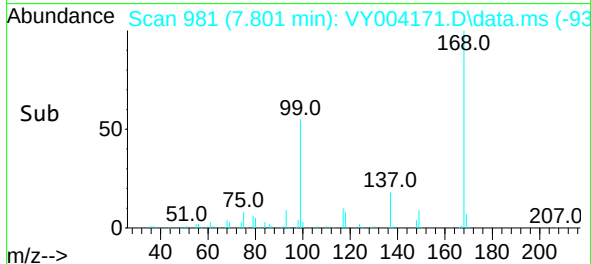
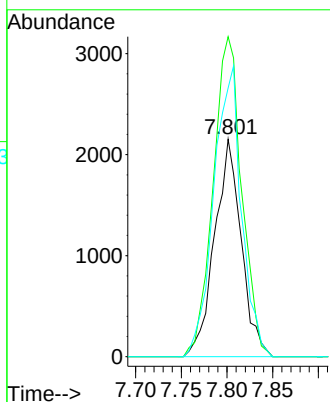
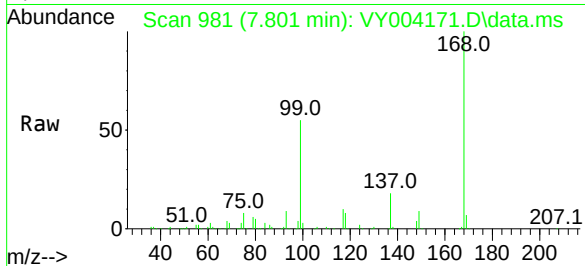




#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

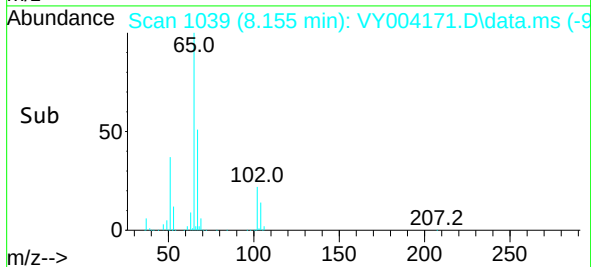
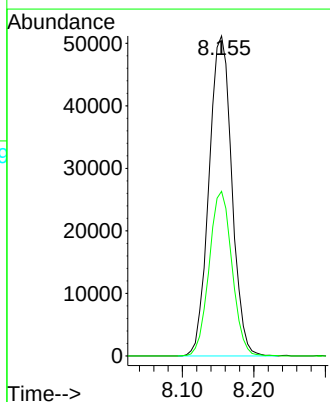
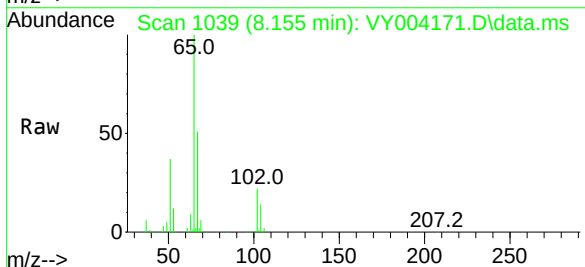
Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

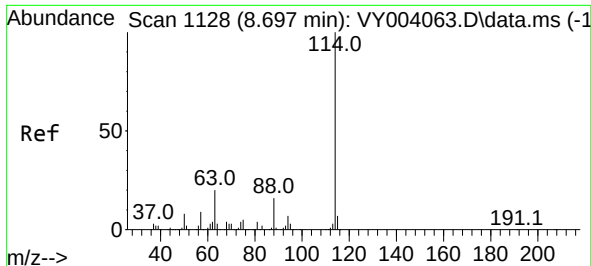
Tgt Ion: 56 Resp: 4361
Ion Ratio Lower Upper
56 100
69 147.2 25.3 37.9#
84 123.6 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 56.29 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

Tgt Ion: 65 Resp: 113405
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.4

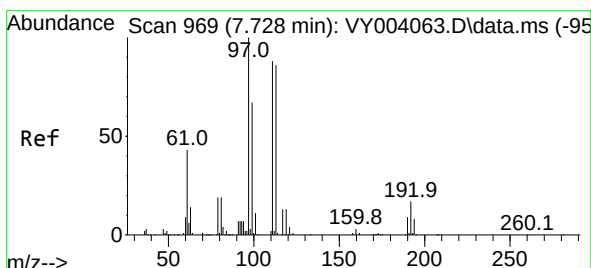
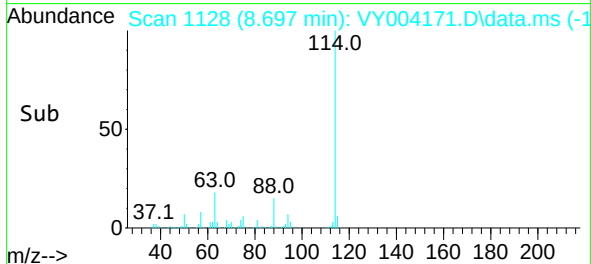
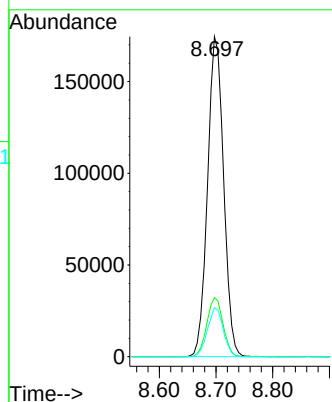
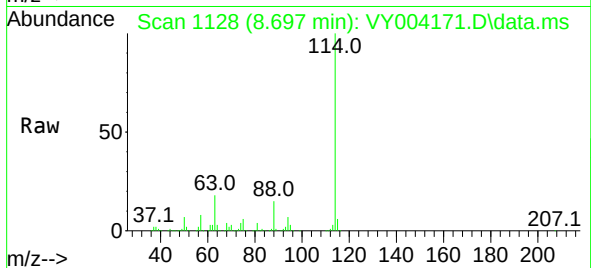




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

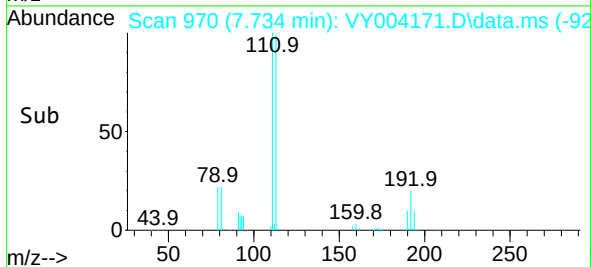
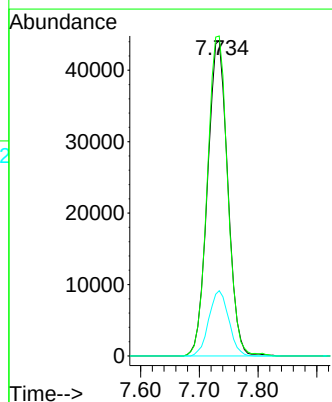
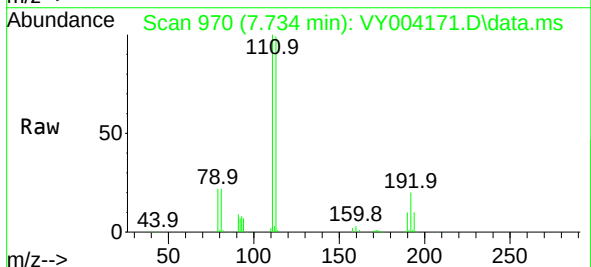
Instrument :
MSVOA_Y
ClientSampleId :
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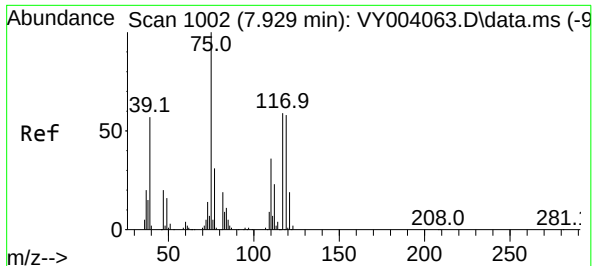
Tgt Ion:114 Resp: 343144
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.6
88 15.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.43 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

Tgt Ion:113 Resp: 105332
Ion Ratio Lower Upper
113 100
111 102.1 83.2 124.8
192 20.4 18.5 27.7

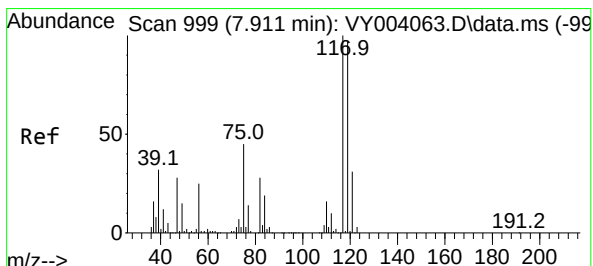
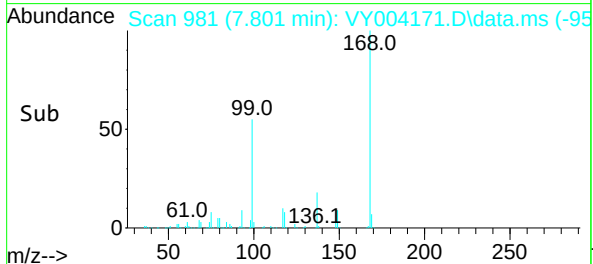
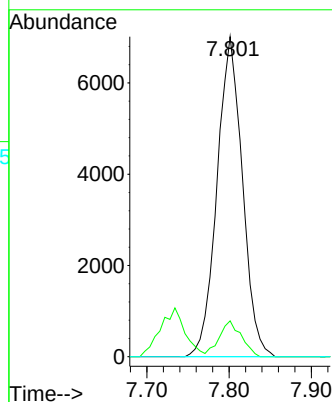
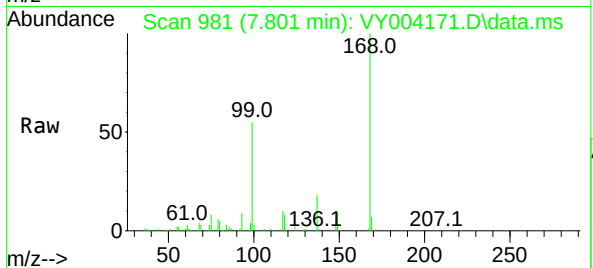




#36
1,1-Dichloropropene
Concen: 4.99 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

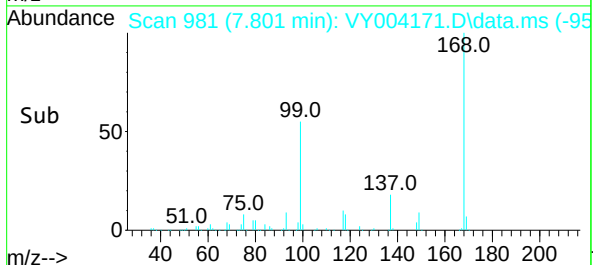
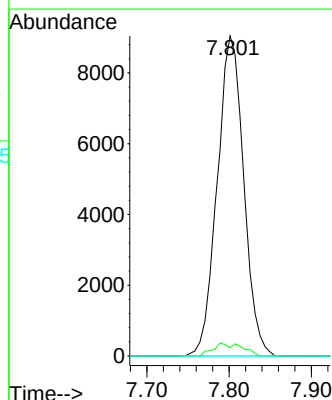
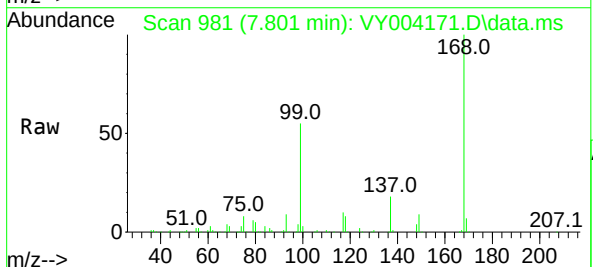
Instrument :
MSVOA_Y
ClientSampled :
RBR-07

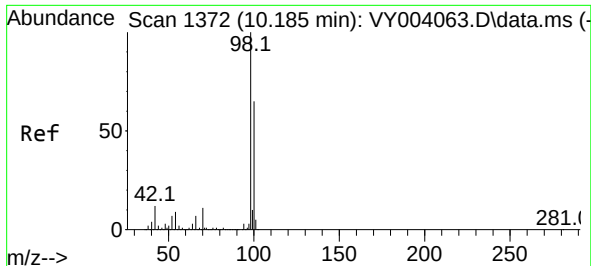
Tgt Ion: 75 Resp: 15047
Ion Ratio Lower Upper
75 100
110 9.8 17.4 52.3#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.33 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

Tgt Ion: 117 Resp: 20242
Ion Ratio Lower Upper
117 100
119 2.6 75.4 113.0#
121 0.0 24.2 36.2#

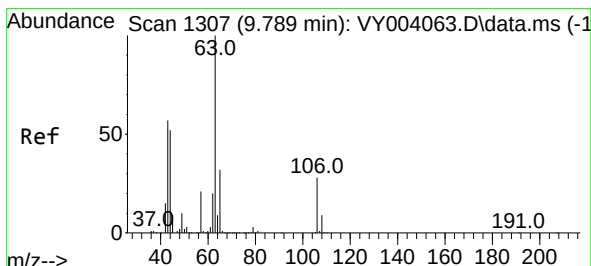
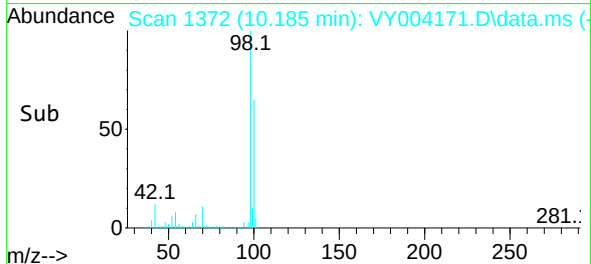
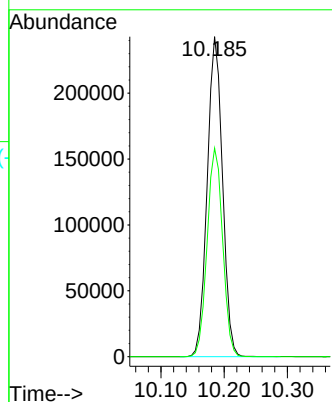
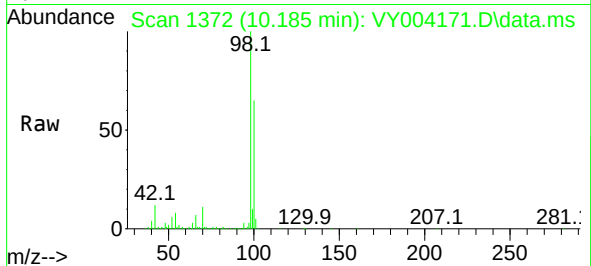




#50
Toluene-d8
Concen: 53.83 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

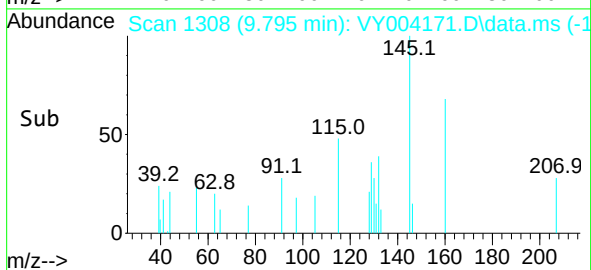
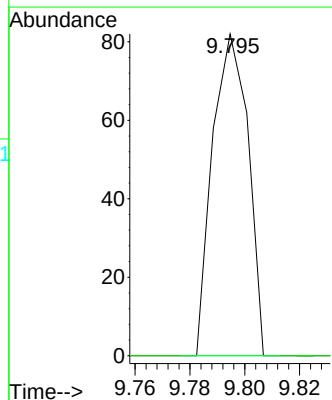
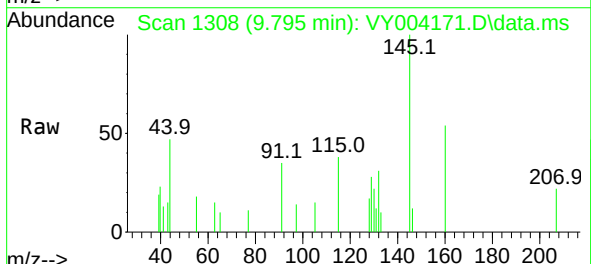
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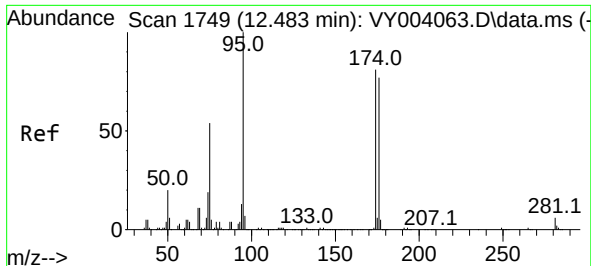
Tgt Ion: 98 Resp: 408392
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.6



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

Tgt Ion: 63 Resp: 74
Ion Ratio Lower Upper
63 100
106 0.0 22.1 33.1#

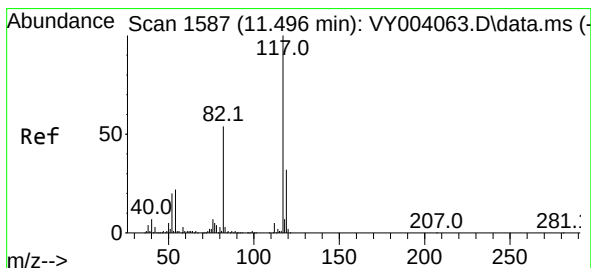
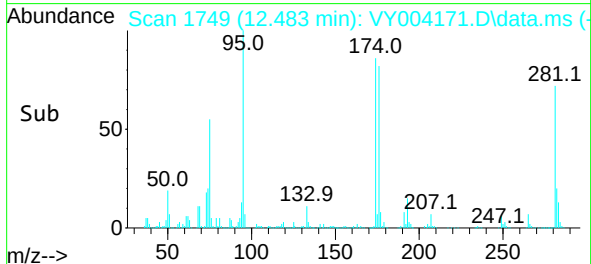
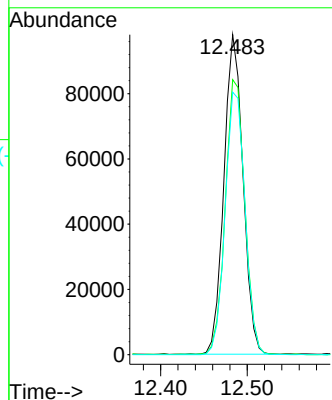
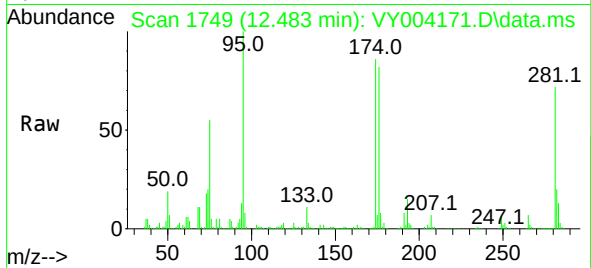




#62
4-Bromofluorobenzene
Concen: 53.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

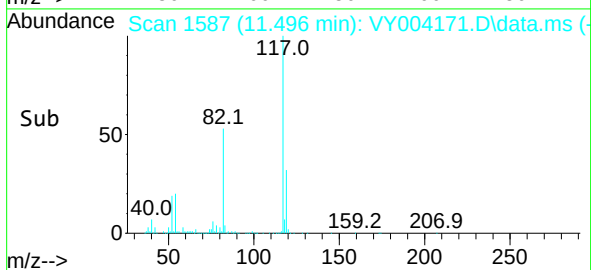
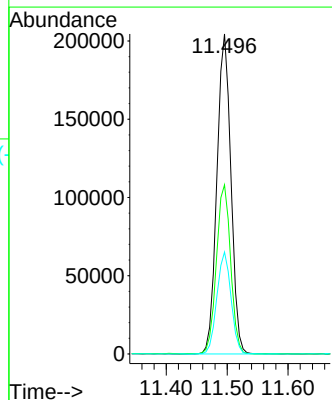
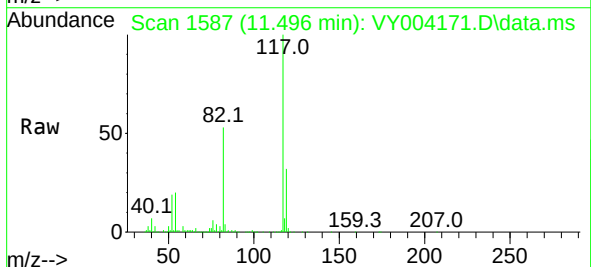
Instrument :
MSVOA_Y
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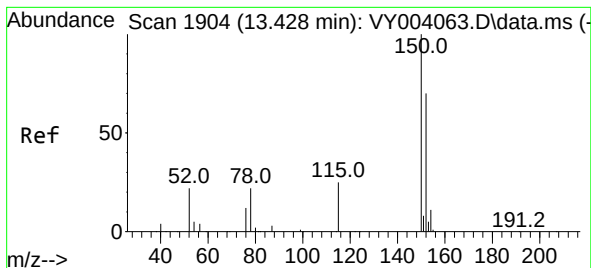
Tgt Ion: 95 Resp: 149764
Ion Ratio Lower Upper
95 100
174 88.1 0.0 179.0
176 85.6 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

Tgt Ion: 117 Resp: 326576
Ion Ratio Lower Upper
117 100
82 52.8 43.8 65.6
119 31.8 26.2 39.2

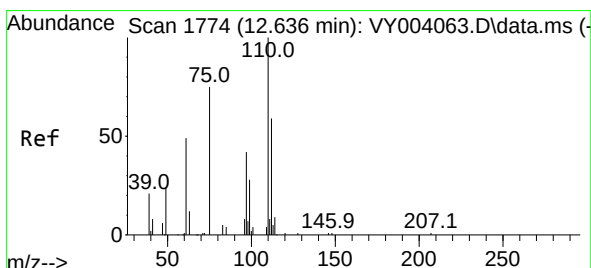
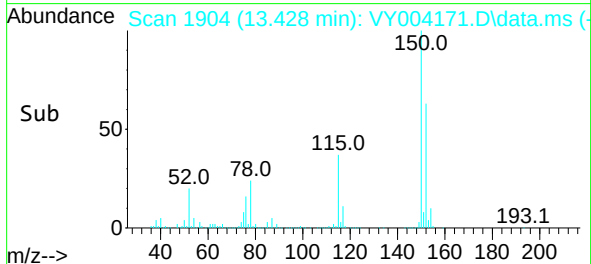
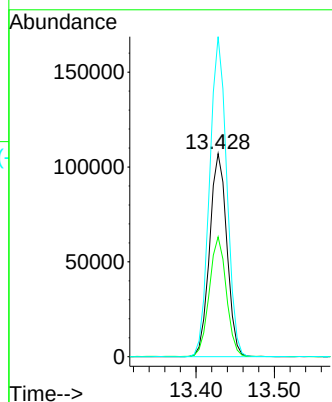
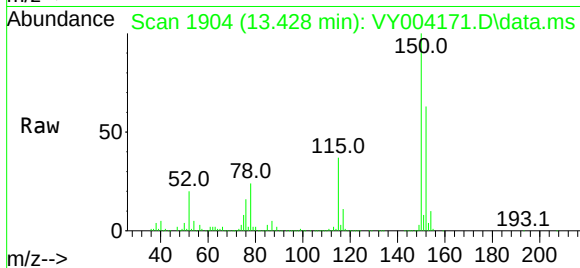




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

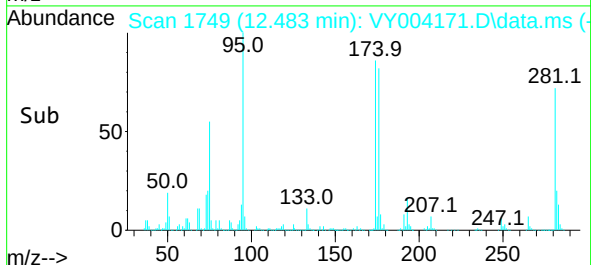
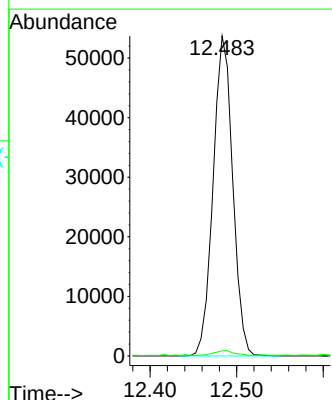
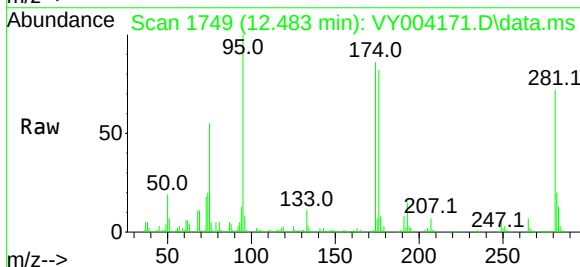
Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

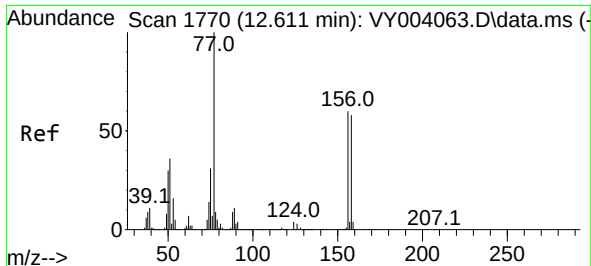
Tgt Ion:152 Resp: 163342
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.6
150 156.7 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 53.85 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

Tgt Ion: 75 Resp: 84340
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

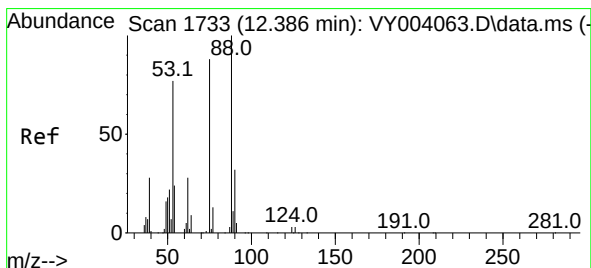
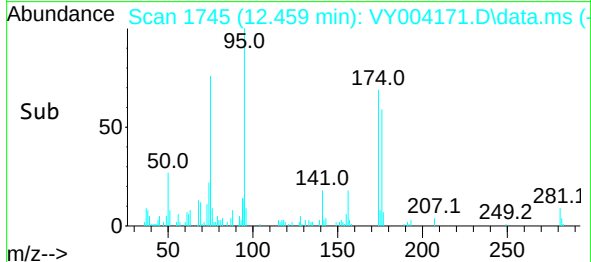
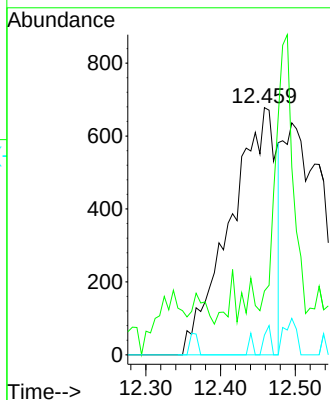
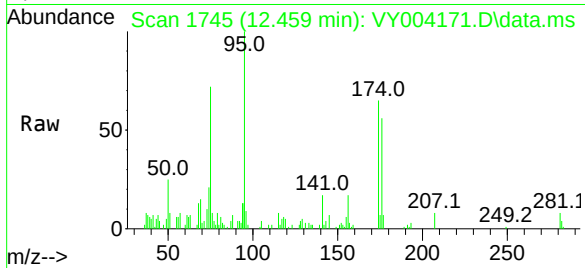




#77
Bromobenzene
Concen: 1.11 ug/l
RT: 12.459 min Scan# 1745
Delta R.T. -0.152 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

Instrument :
MSVOA_Y
ClientSampled :
RBR-07

Tgt Ion:156 Resp: 2902
Ion Ratio Lower Upper
156 100
77 0.0 90.5 271.3#
158 1.7 48.9 146.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.28 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

Tgt Ion: 75 Resp: 84340
Ion Ratio Lower Upper
75 100
53 0.1 73.5 110.3#
89 1.9 35.7 53.5#

