

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
 Data File : VY004080.D
 Acq On : 11 Mar 2021 16:27
 Operator : SY/MD
 Sample : M1649-03
 Misc : 5.63g/5mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 12 01:19:29 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)

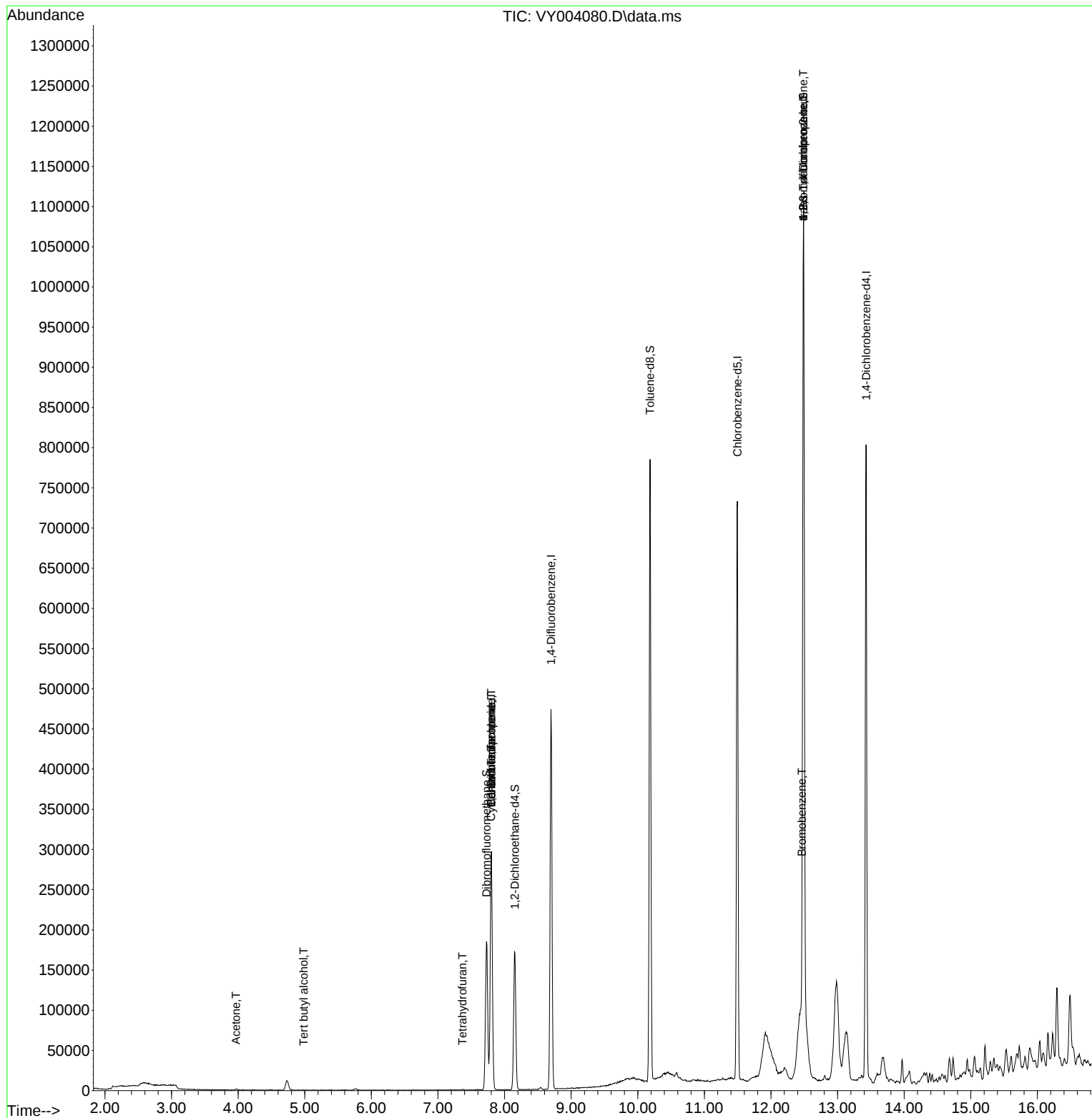
Internal Standards						
1) Pentafluorobenzene	7.801	168	234175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	409349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	393837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	199201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	137045	59.30	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.60%			
35) Dibromofluoromethane	7.728	113	127752	55.34	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.68%			
50) Toluene-d8	10.185	98	491001	54.26	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.52%			
62) 4-Bromofluorobenzene	12.483	95	186244	55.72	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.44%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	713	Below Cal		98
11) Tert butyl alcohol	4.985	59	307	1.47 ug/l #		76
16) Acetone	3.967	43	2478	4.44 ug/l #		88
20) Methylene Chloride	4.729	84	9367	Below Cal		86
29) Tetrahydrofuran	7.368	42	597	1.14 ug/l #		80
31) Cyclohexane	7.795	56	4888	1.21 ug/l #		10
36) 1,1-Dichloropropene	7.801	75	16433	4.57 ug/l #		51
38) Carbon Tetrachloride	7.801	117	22477	5.89 ug/l #		17
58) 2-Chloroethyl Vinyl ether	9.868	63	189	Below Cal		96
76) 1,2,3-Trichloropropane	12.483	75	106855	55.94 ug/l #		100
77) Bromobenzene	12.465	156	126397	39.52 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.483	75	107982	111.57 ug/l #		16

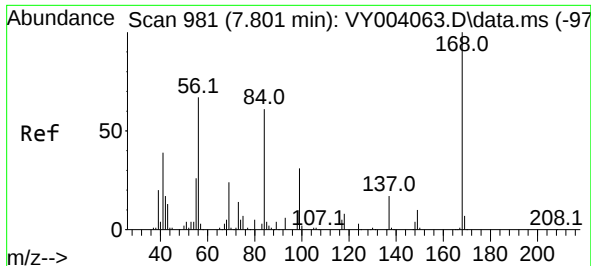
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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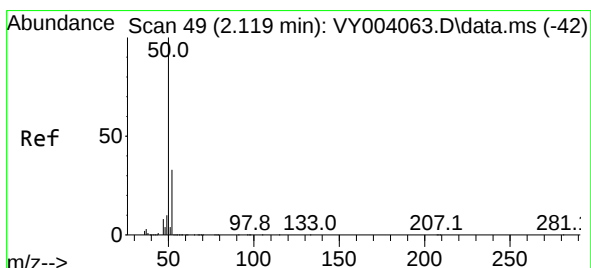
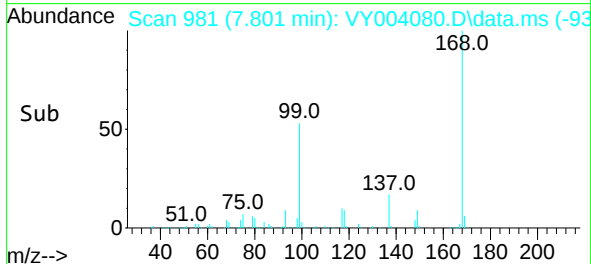
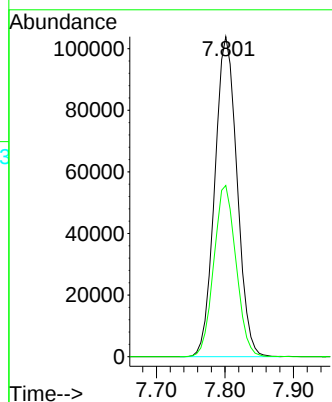
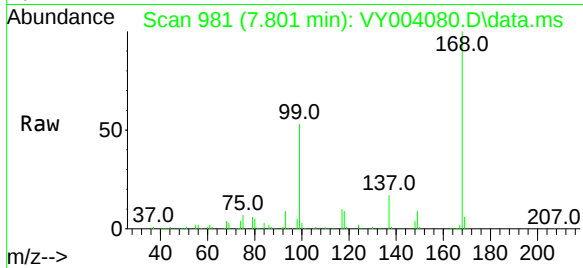




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004080.D
Acq: 11 Mar 2021 16:27

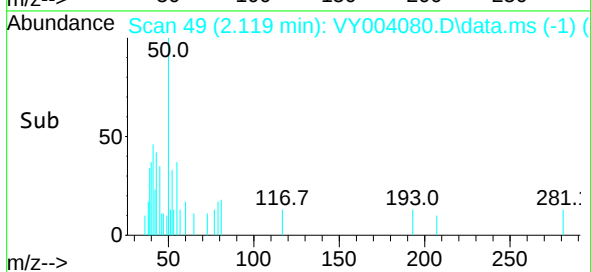
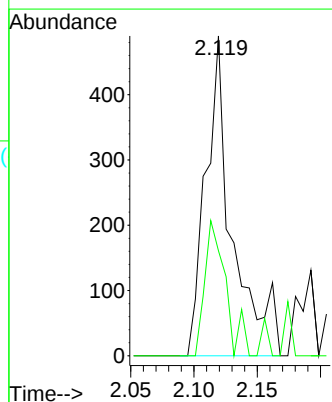
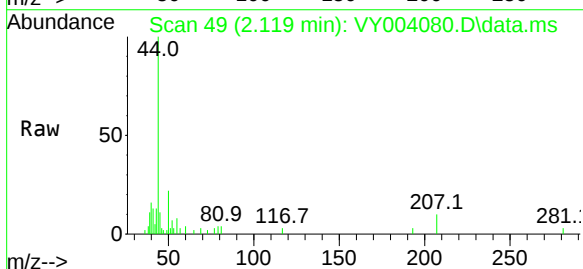
Instrument :
MSVOA_Y
ClientSampled :

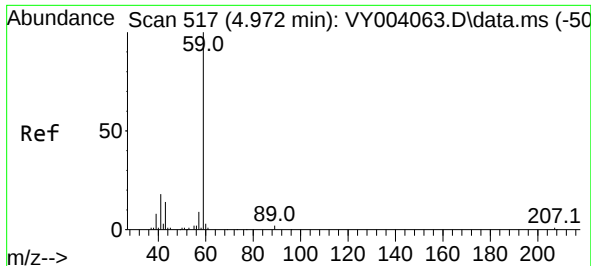
Tgt Ion:168 Resp: 234175
Ion Ratio Lower Upper
168 100
99 53.5 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004080.D
Acq: 11 Mar 2021 16:27

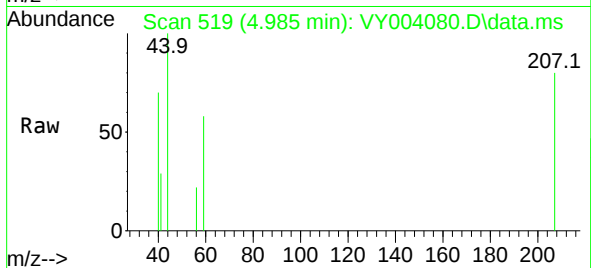
Tgt Ion: 50 Resp: 713
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2



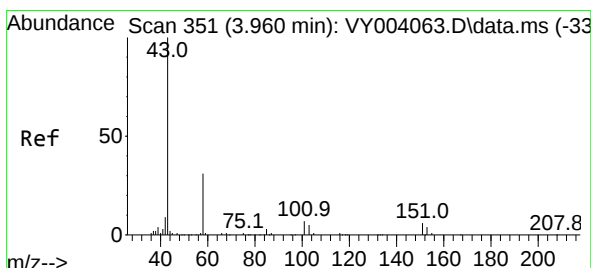
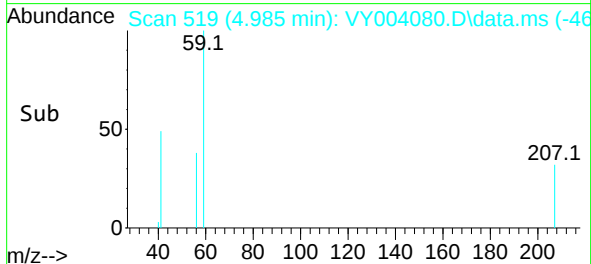
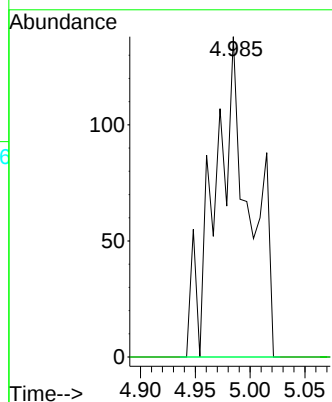


#11
Tert butyl alcohol
Concen: 1.47 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.013 min
Lab File: VY004080.D
Acq: 11 Mar 2021 16:27

Instrument :
MSVOA_Y
ClientSampled :

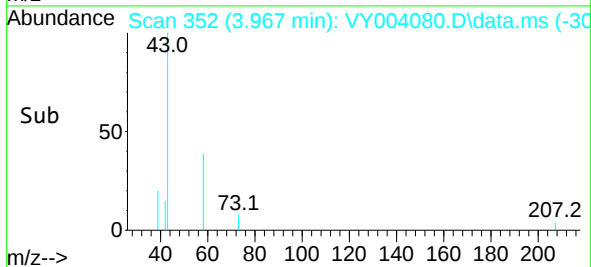
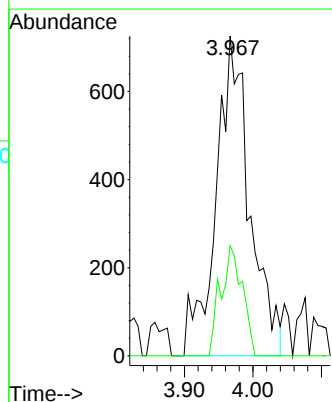
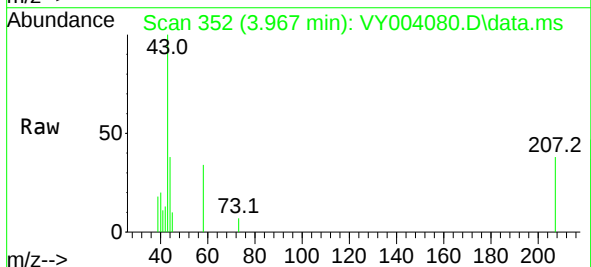


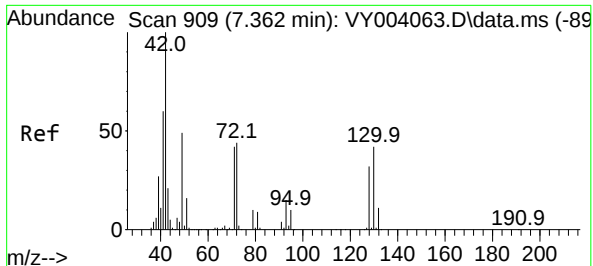
Tgt Ion: 59 Resp: 307
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#



#16
Acetone
Concen: 4.44 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY004080.D
Acq: 11 Mar 2021 16:27

Tgt Ion: 43 Resp: 2478
Ion Ratio Lower Upper
43 100
58 34.4 22.6 34.0#





#29

Tetrahydrofuran

Concen: 1.14 ug/l

RT: 7.368 min Scan# 910

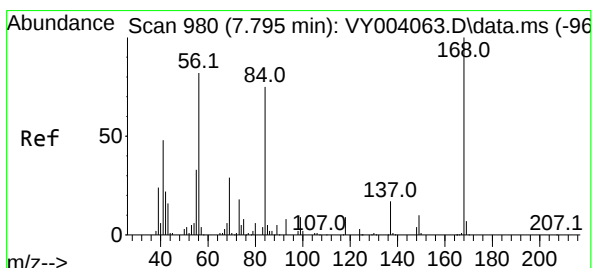
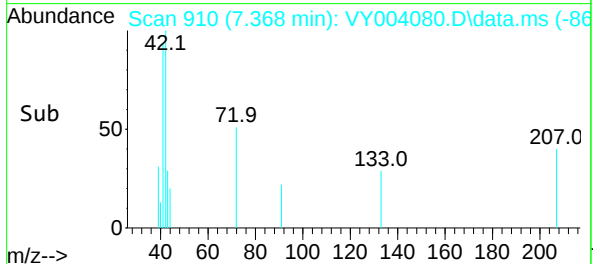
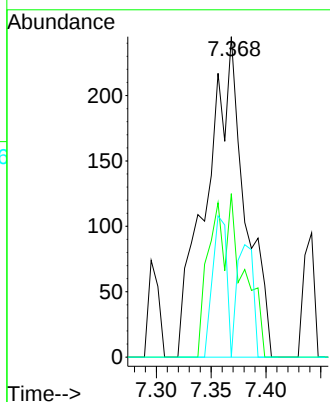
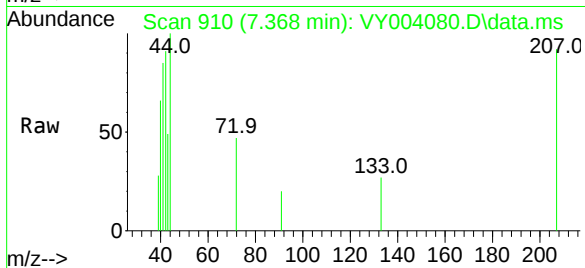
Delta R.T. 0.006 min

Lab File: VY004080.D

Acq: 11 Mar 2021 16:27

Tgt Ion:	42	Resp:	597
Ion Ratio	Lower	Upper	
42	100		
72	42.7	32.6	48.8
71	16.1	31.0	46.6#

Instrument :
MSVOA_Y
ClientSampled :



#31

Cyclohexane

Concen: 1.21 ug/l

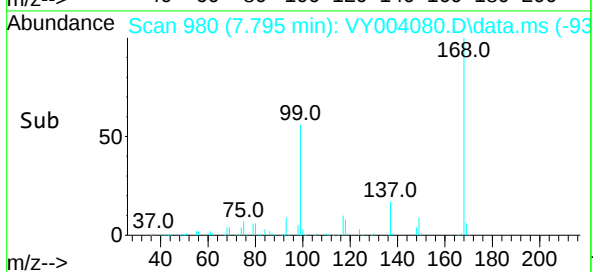
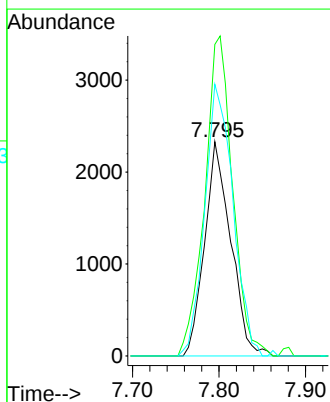
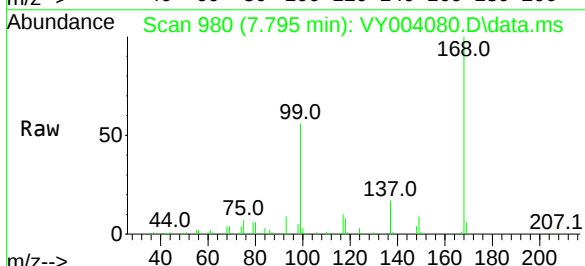
RT: 7.795 min Scan# 980

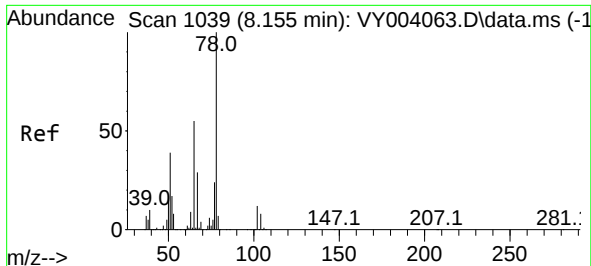
Delta R.T. 0.000 min

Lab File: VY004080.D

Acq: 11 Mar 2021 16:27

Tgt Ion:	56	Resp:	4888
Ion Ratio	Lower	Upper	
56	100		
69	145.4	25.3	37.9#
84	126.8	67.3	100.9#

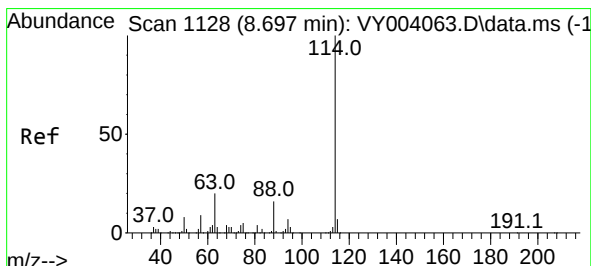
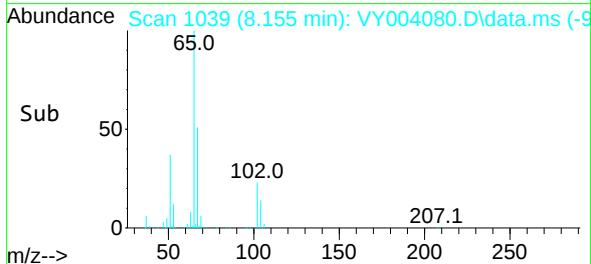
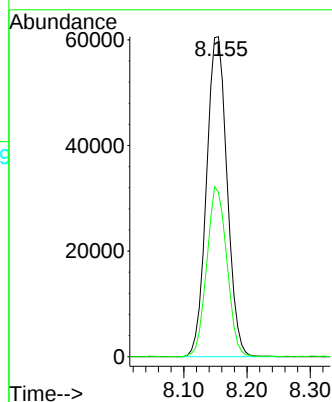
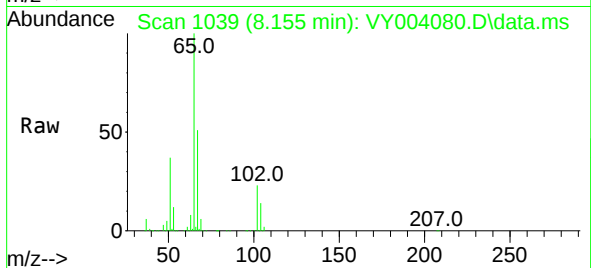




#33
1,2-Dichloroethane-d4
Concen: 59.30 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004080.D
Acq: 11 Mar 2021 16:27

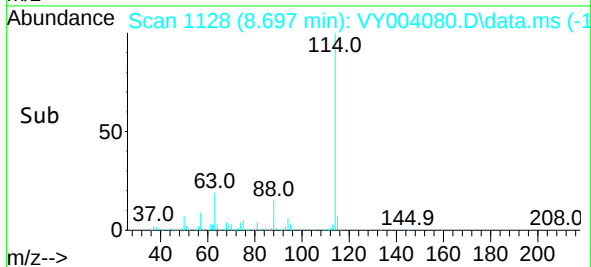
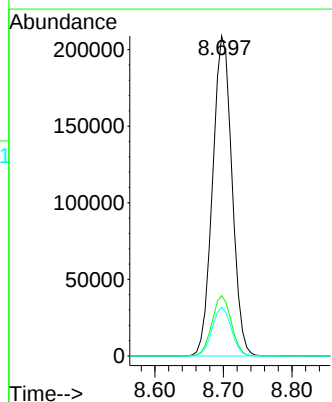
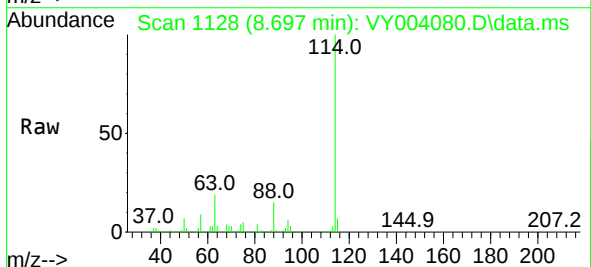
Instrument :
MSVOA_Y
ClientSampled :

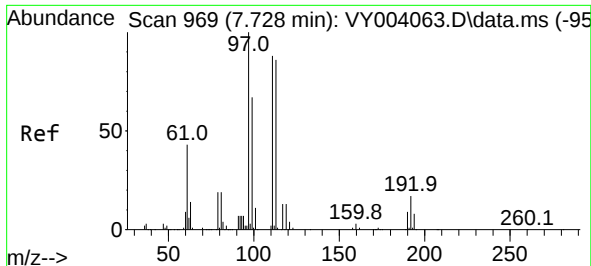
Tgt Ion: 65 Resp: 137045
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004080.D
Acq: 11 Mar 2021 16:27

Tgt Ion:114 Resp: 409349
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.6
88 15.2 0.0 31.4

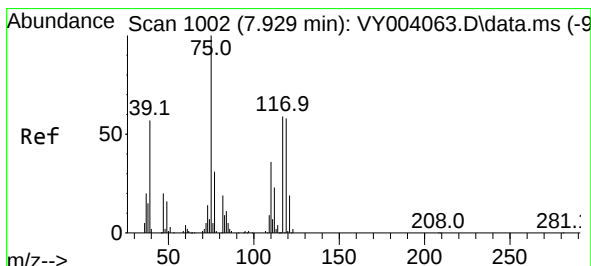
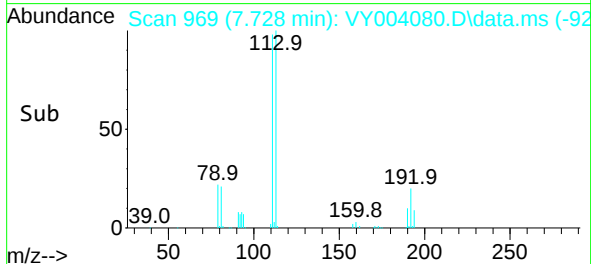
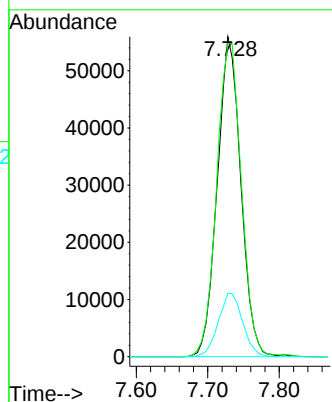
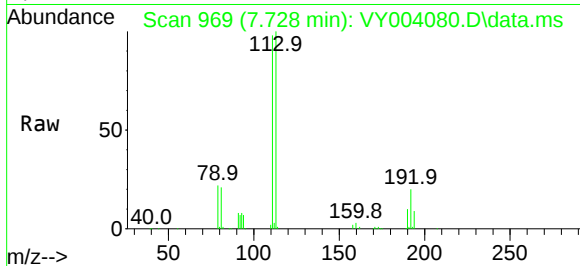




#35
Dibromofluoromethane
Concen: 55.34 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004080.D
Acq: 11 Mar 2021 16:27

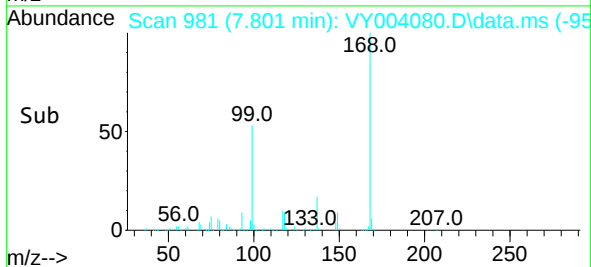
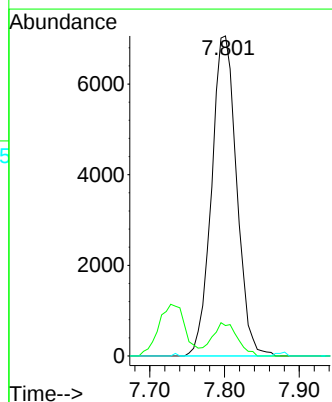
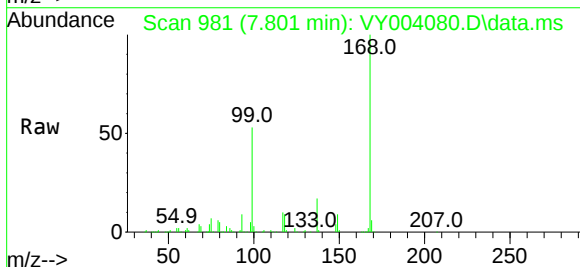
Instrument :
MSVOA_Y
ClientSampled :

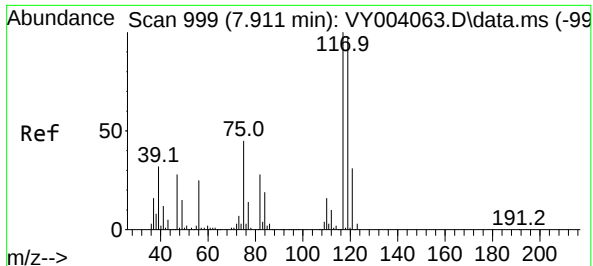
Tgt Ion:113 Resp: 127752
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 20.5 18.5 27.7



#36
1,1-Dichloropropene
Concen: 4.57 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004080.D
Acq: 11 Mar 2021 16:27

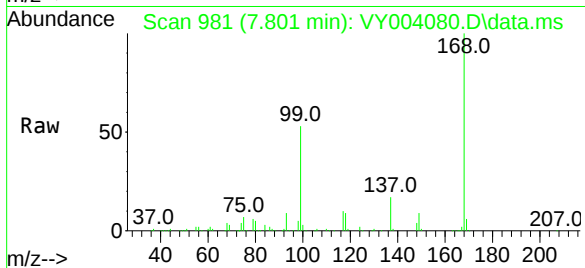
Tgt Ion: 75 Resp: 16433
Ion Ratio Lower Upper
75 100
110 10.5 17.4 52.3#
77 0.0 24.5 36.7#



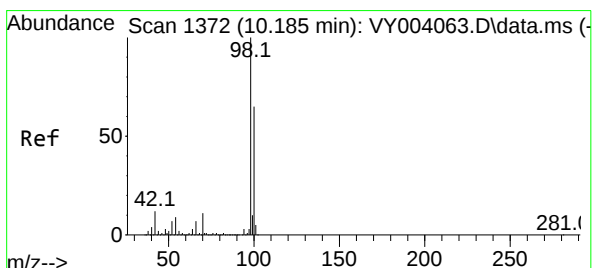
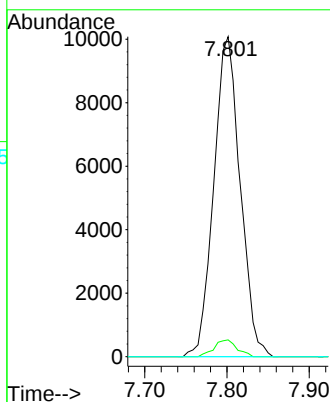
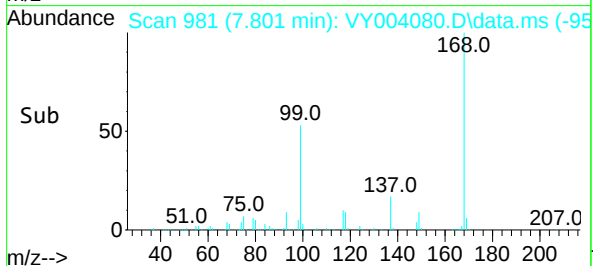


#38
Carbon Tetrachloride
Concen: 5.89 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004080.D
Acq: 11 Mar 2021 16:27

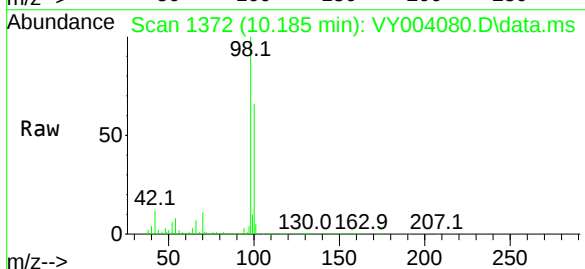
Instrument :
MSVOA_Y
ClientSampled :



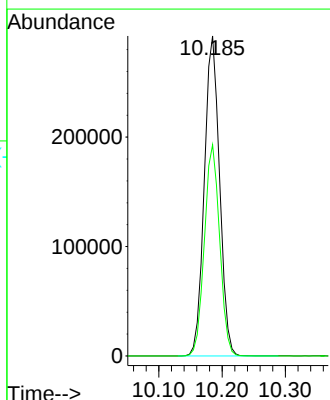
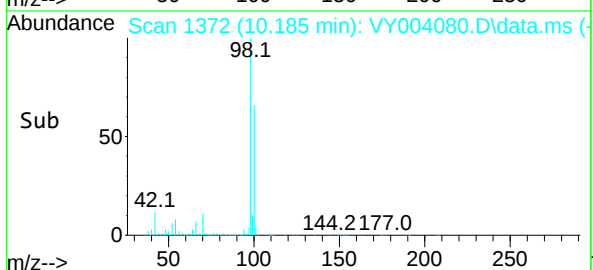
Tgt Ion:117 Resp: 22477
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.0#
121 0.0 24.2 36.2#

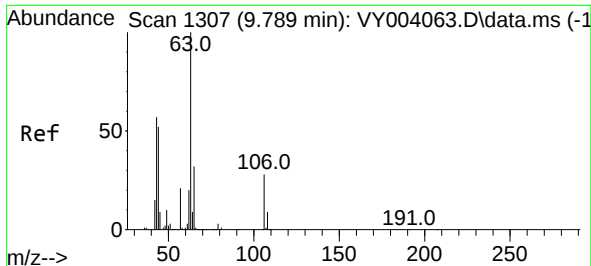


#50
Toluene-d8
Concen: 54.26 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004080.D
Acq: 11 Mar 2021 16:27



Tgt Ion: 98 Resp: 491001
Ion Ratio Lower Upper
98 100
100 66.0 51.8 77.6

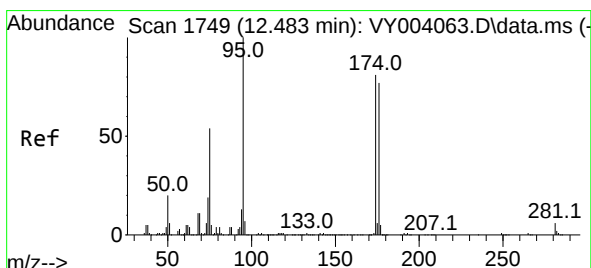
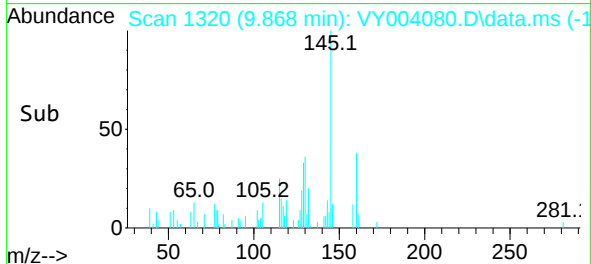
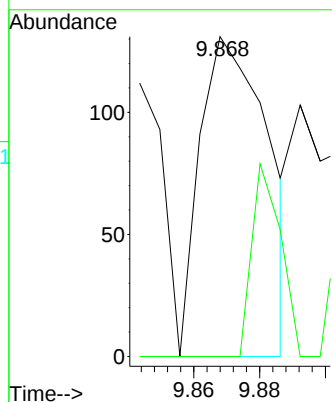
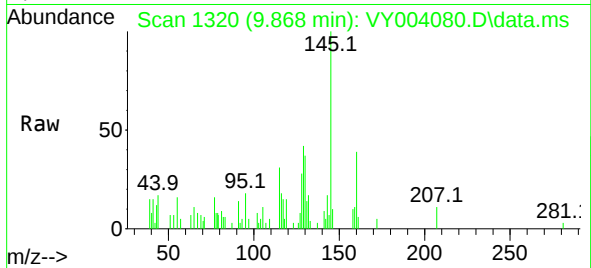




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.868 min Scan# 1320
Delta R.T. 0.079 min
Lab File: VY004080.D
Acq: 11 Mar 2021 16:27

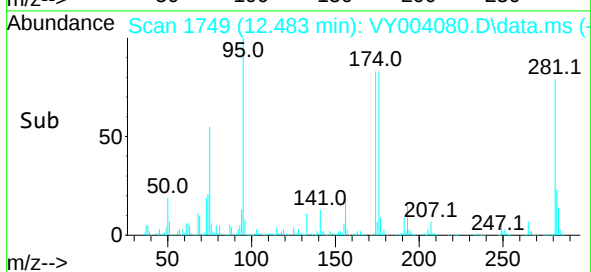
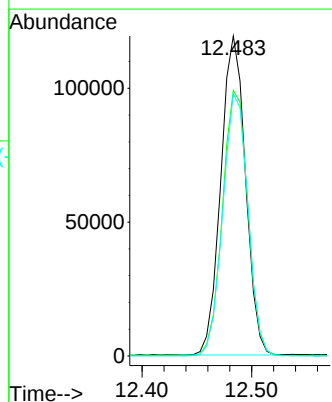
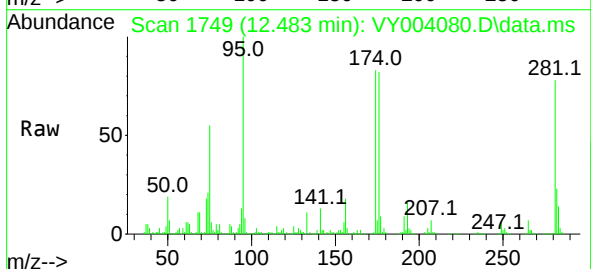
Instrument :
MSVOA_Y
ClientSampled :

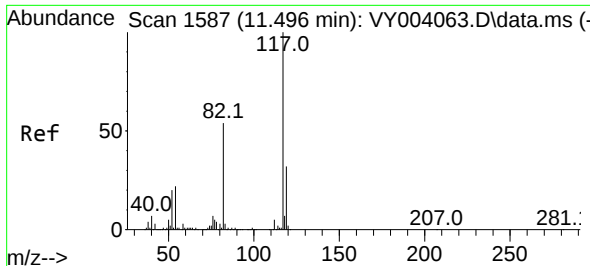
Tgt Ion: 63 Resp: 189
Ion Ratio Lower Upper
63 100
106 25.4 22.1 33.1



#62
4-Bromofluorobenzene
Concen: 55.72 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004080.D
Acq: 11 Mar 2021 16:27

Tgt Ion: 95 Resp: 186244
Ion Ratio Lower Upper
95 100
174 85.2 0.0 179.0
176 83.7 0.0 174.4

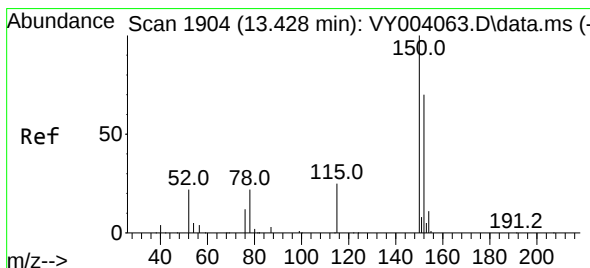
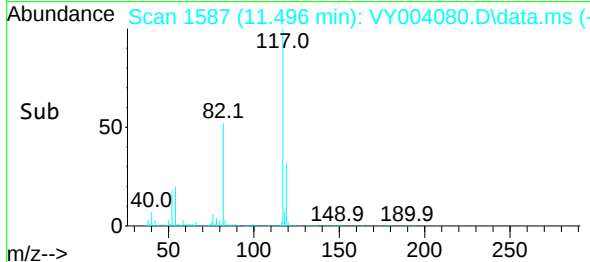
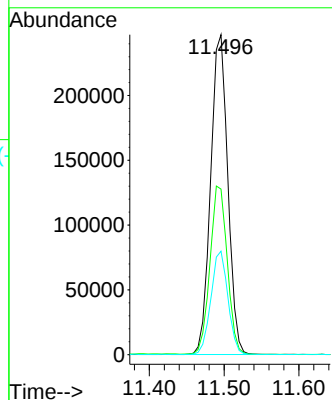
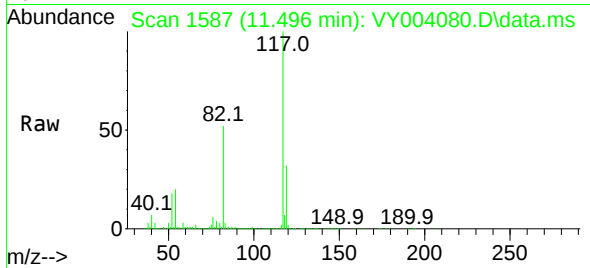




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004080.D
Acq: 11 Mar 2021 16:27

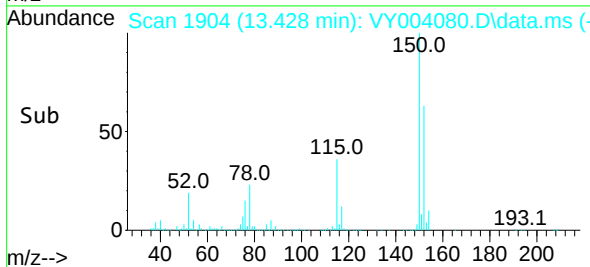
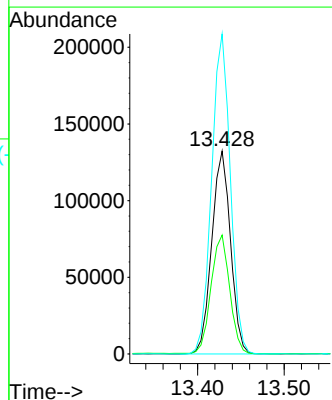
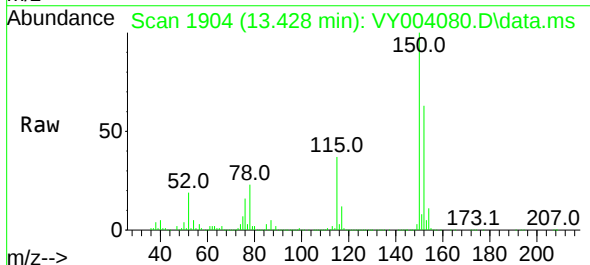
Instrument :
MSVOA_Y
ClientSampleId :

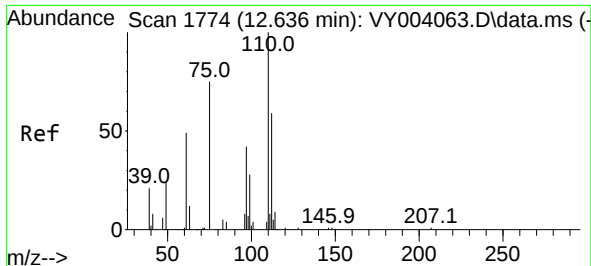
Tgt Ion:117 Resp: 393837
Ion Ratio Lower Upper
117 100
82 51.7 43.8 65.6
119 32.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004080.D
Acq: 11 Mar 2021 16:27

Tgt Ion:152 Resp: 199201
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.6
150 157.1 0.0 347.2

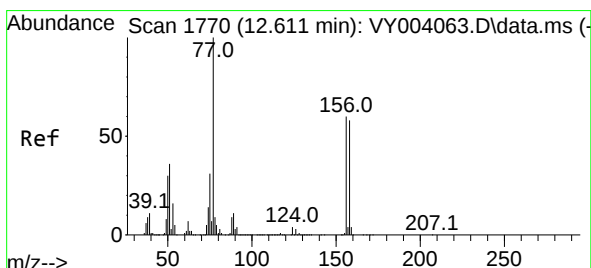
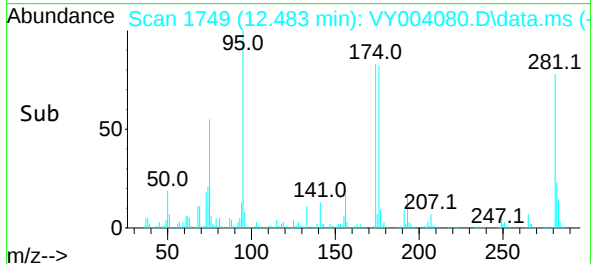
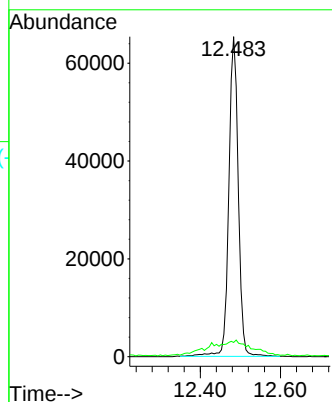
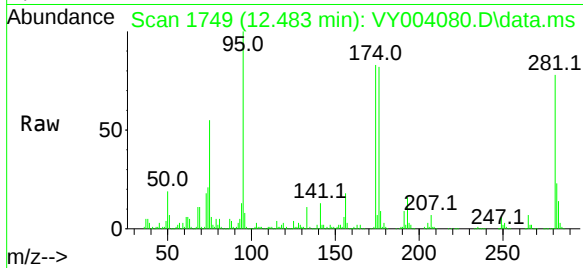




#76
1,2,3-Trichloropropane
Concen: 55.94 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004080.D
Acq: 11 Mar 2021 16:27

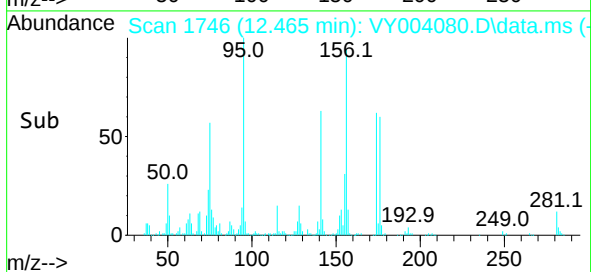
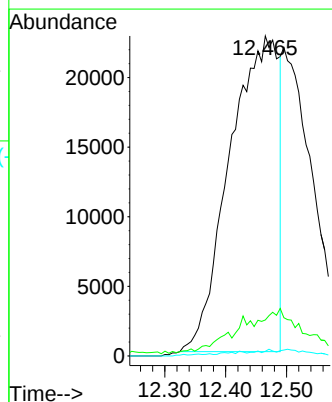
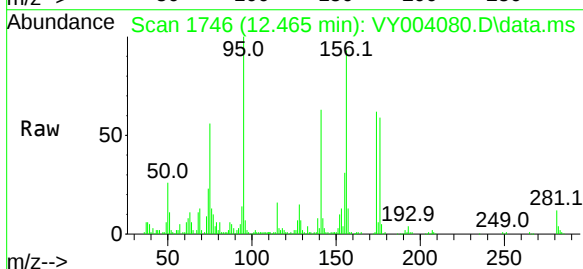
Instrument :
MSVOA_Y
ClientSampled :

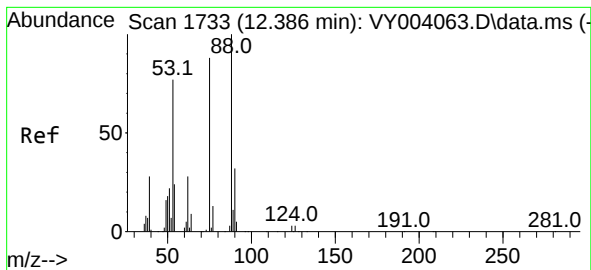
Tgt Ion: 75 Resp: 106855
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 39.52 ug/l
RT: 12.465 min Scan# 1746
Delta R.T. -0.146 min
Lab File: VY004080.D
Acq: 11 Mar 2021 16:27

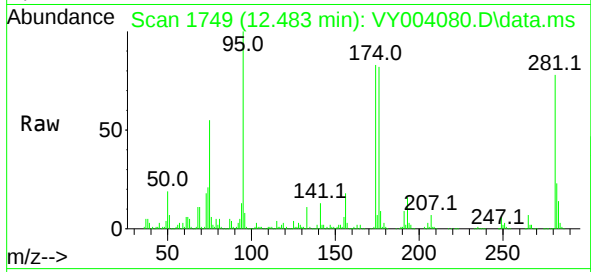
Tgt Ion:156 Resp: 126397
Ion Ratio Lower Upper
156 100
77 0.0 90.5 271.3#
158 0.7 48.9 146.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.57 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004080.D
 Acq: 11 Mar 2021 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 107982
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.5 110.3#
 89 6.7 35.7 53.5#

