

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004147.D
 Acq On : 19 Mar 2021 19:51
 Operator : SY/MD
 Sample : M1746-06
 Misc : 11.49g/5mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-4.0-4.5

Quant Time: Mar 20 03:17:11 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)

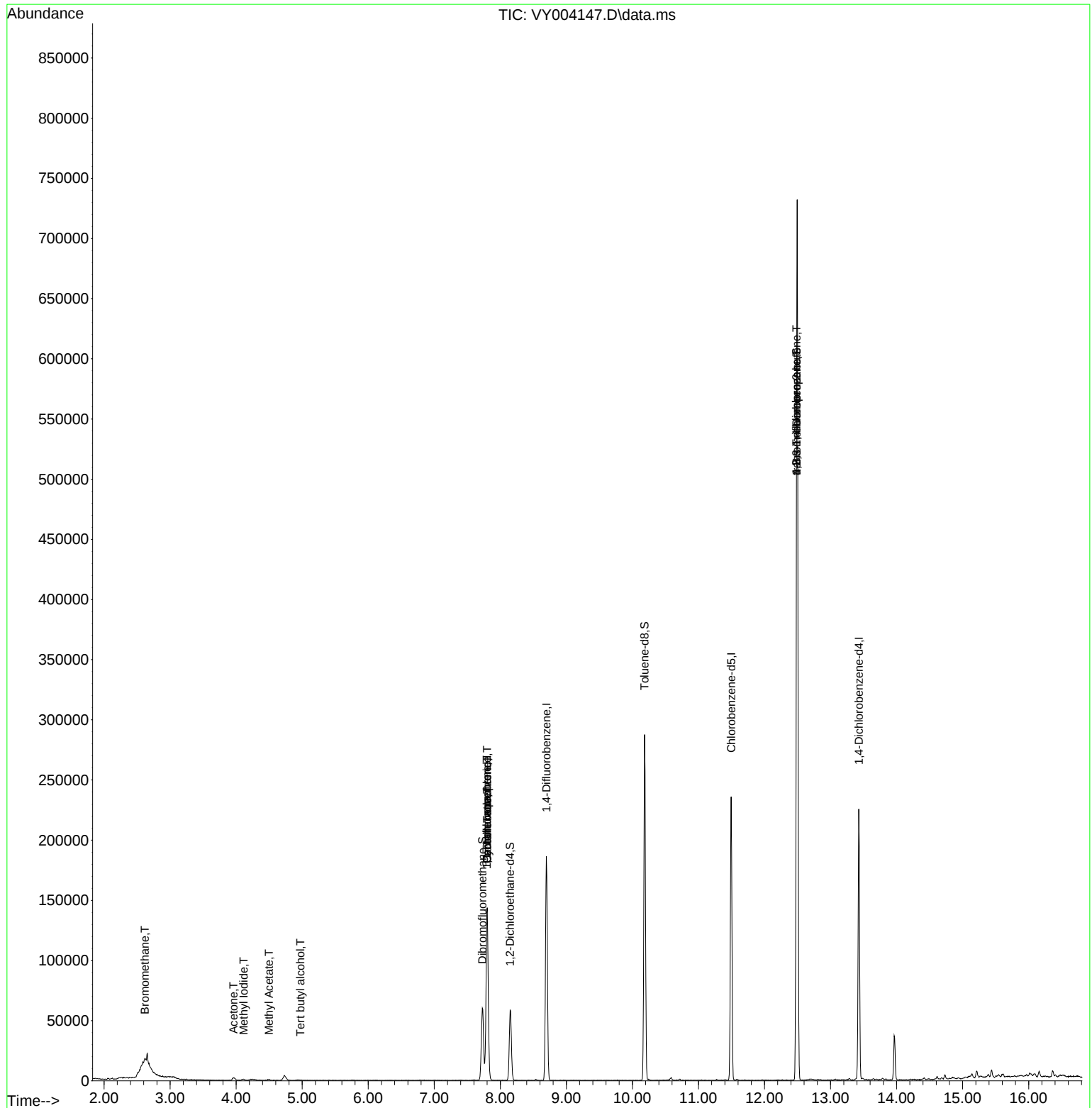
Internal Standards						
1) Pentafluorobenzene	7.801	168	115756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	163698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	128138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	46658	40.84	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.68%		
35) Dibromofluoromethane	7.728	113	42579	46.12	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.24%		
50) Toluene-d8	10.185	98	185751	51.33	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.66%		
62) 4-Bromofluorobenzene	12.483	95	55212	41.31	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	82.62%		
Target Compounds						Qvalue
3) Chloromethane	2.119	50	756	Below Cal		92
5) Bromomethane	2.619	94	1214	1.36 ug/l #		80
10) Methyl Iodide	4.113	142	1900	1.79 ug/l #		91
11) Tert butyl alcohol	4.972	59	506	4.90 ug/l #		76
16) Acetone	3.960	43	4066	14.75 ug/l		92
18) Methyl Acetate	4.497	43	1363	2.00 ug/l #		81
20) Methylene Chloride	4.729	84	2956	Below Cal #		85
31) Cyclohexane	7.801	56	2470	1.23 ug/l #		7
36) 1,1-Dichloropropene	7.795	75	8189	5.69 ug/l #		51
38) Carbon Tetrachloride	7.801	117	11221	7.35 ug/l #		16
76) 1,2,3-Trichloropropane	12.483	75	34089	63.65 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	34089	125.62 ug/l #		15

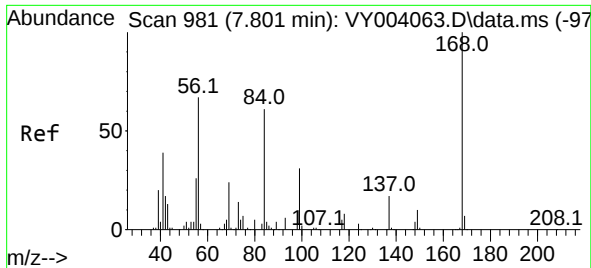
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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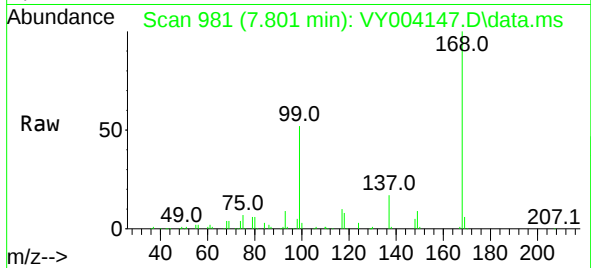
Quant Time: Mar 20 03:17:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
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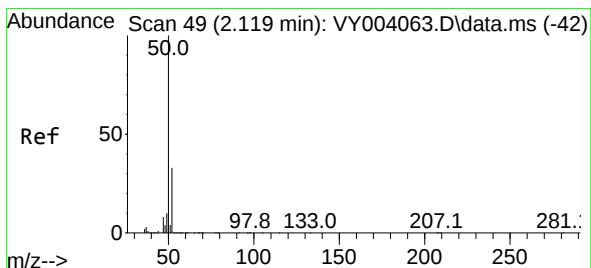
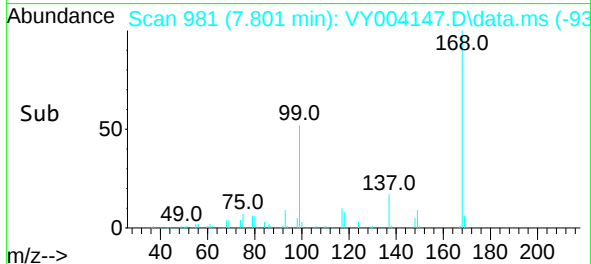
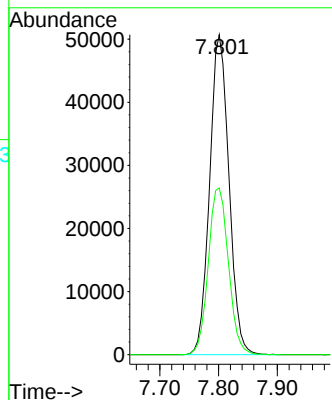


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-4.0-4.5

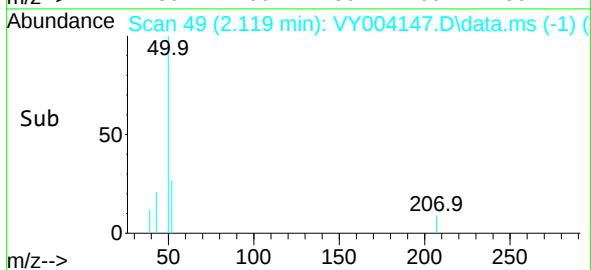
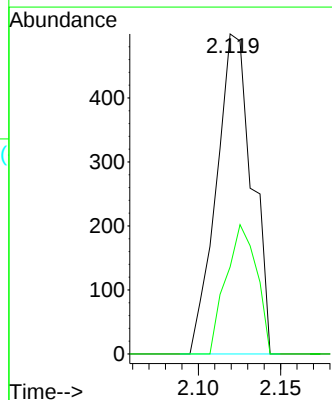
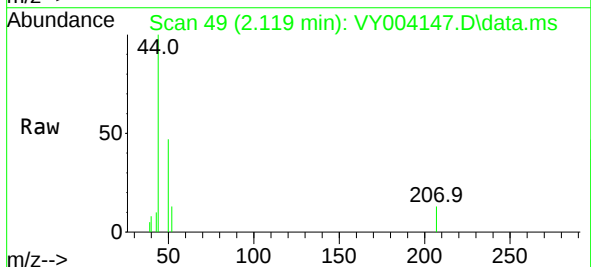


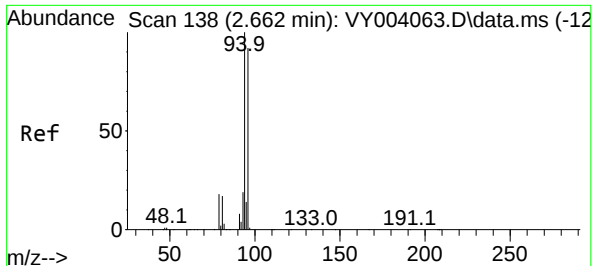
Tgt Ion:168 Resp: 115756
Ion Ratio Lower Upper
168 100
99 52.1 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

Tgt Ion: 50 Resp: 756
Ion Ratio Lower Upper
50 100
52 27.2 25.4 38.2

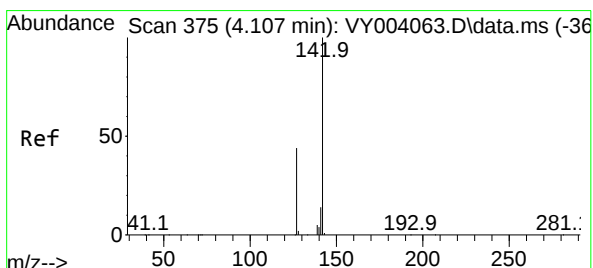
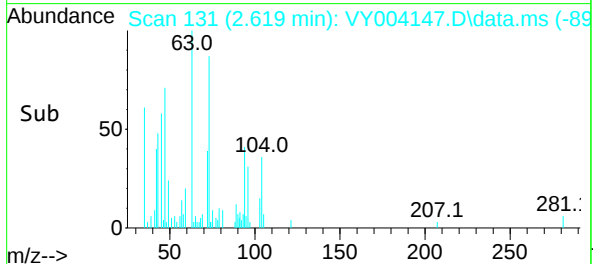
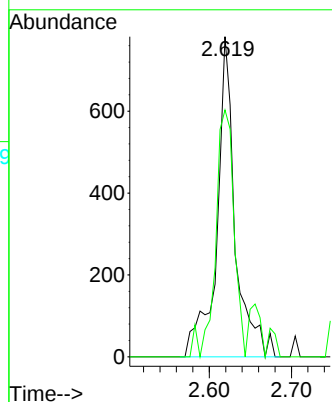
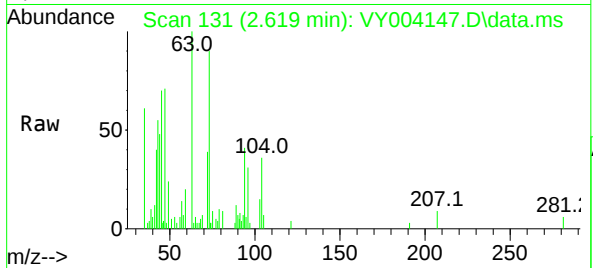




#5
Bromomethane
Concen: 1.36 ug/l
RT: 2.619 min Scan# 131
Delta R.T. -0.043 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

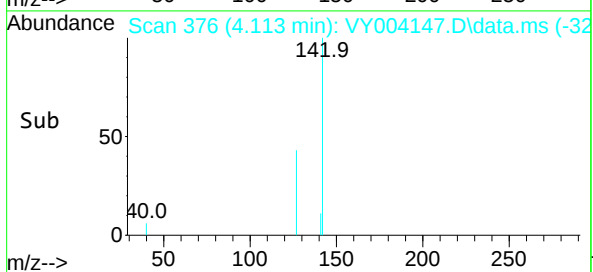
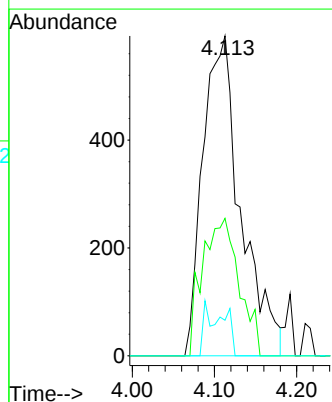
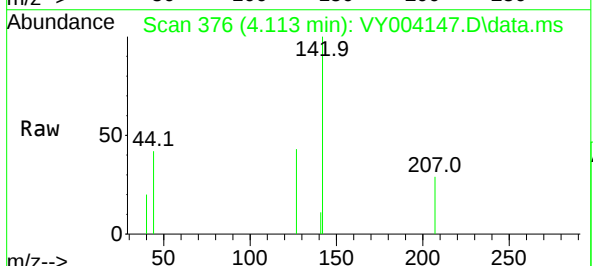
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-4.0-4.5

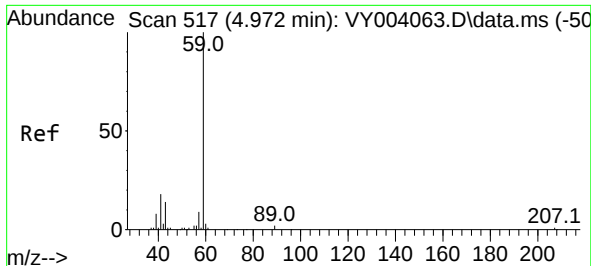
Tgt Ion: 94 Resp: 1214
Ion Ratio Lower Upper
94 100
96 77.1 77.4 116.2#



#10
Methyl Iodide
Concen: 1.79 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

Tgt Ion:142 Resp: 1900
Ion Ratio Lower Upper
142 100
127 41.7 35.4 53.0
141 4.4 11.5 17.3#



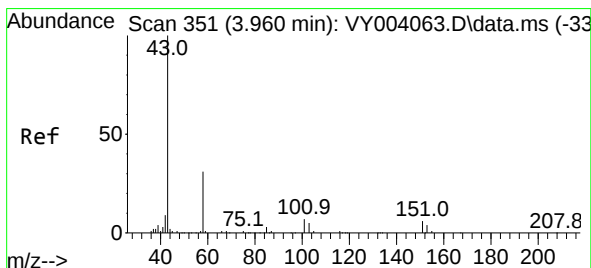
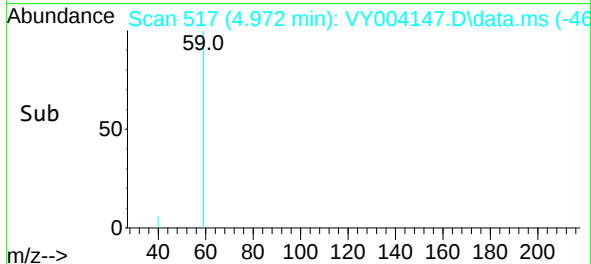
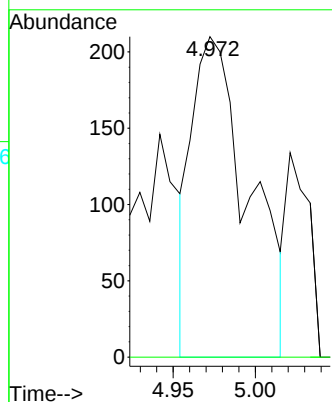
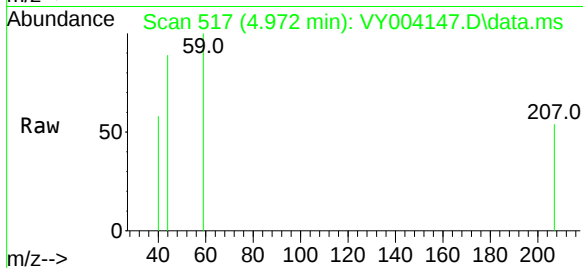


#11

Tert butyl alcohol
Concen: 4.90 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

Instrument :
MSVOA_Y
ClientSampled :
SB-6-4.0-4.5

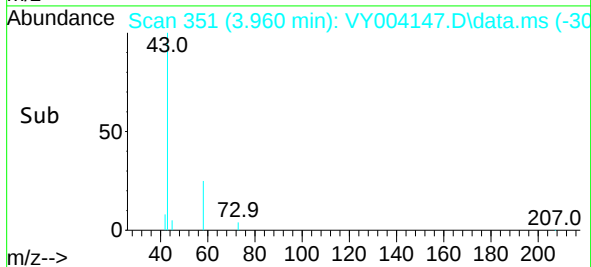
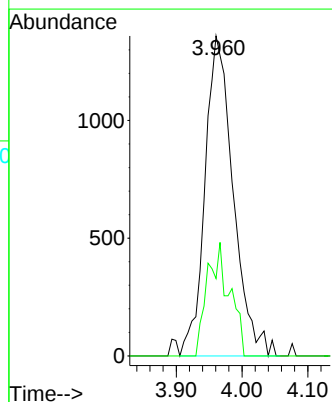
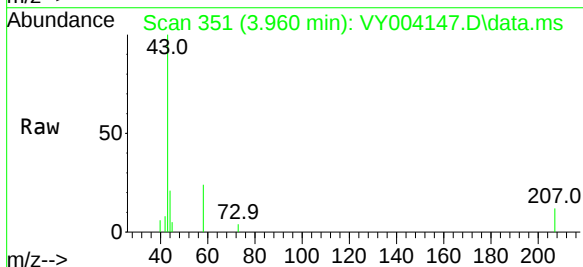
Tgt Ion: 59 Resp: 506
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

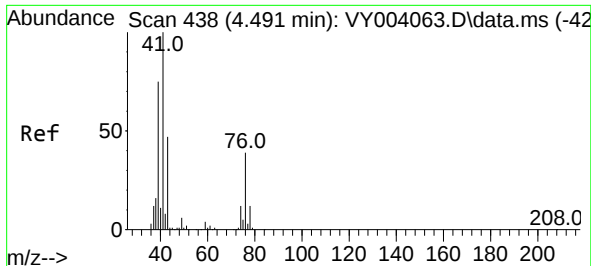


#16

Acetone
Concen: 14.75 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

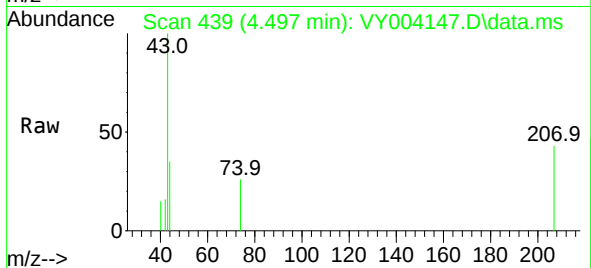
Tgt Ion: 43 Resp: 4066
Ion Ratio Lower Upper
43 100
58 24.2 22.6 34.0



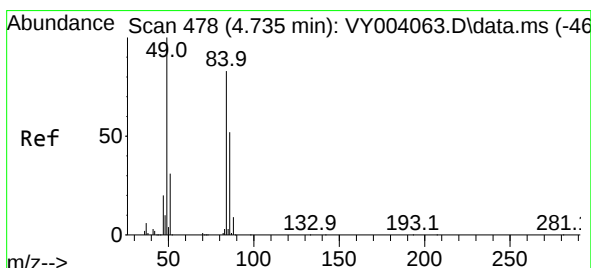
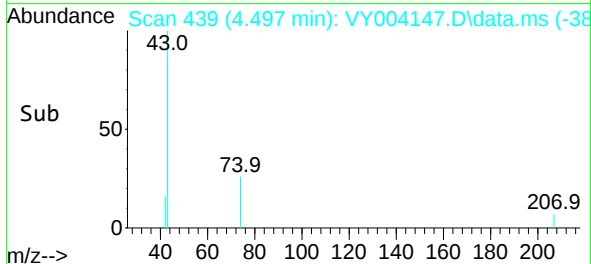
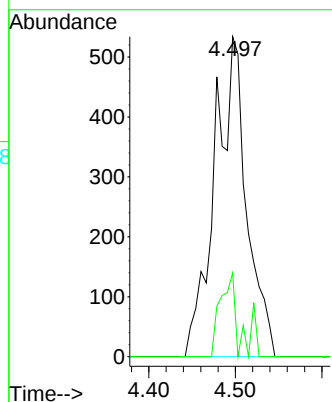


#18
Methyl Acetate
Concen: 2.00 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-4.0-4.5

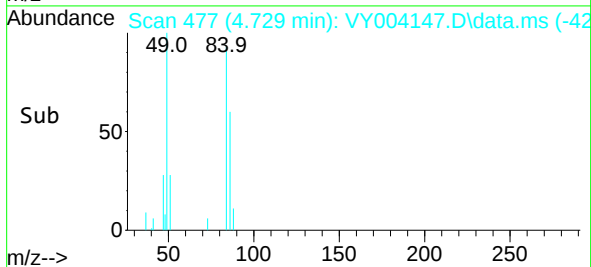
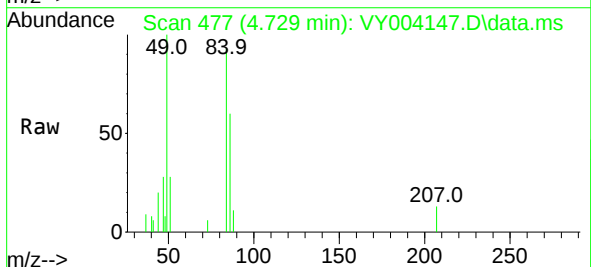
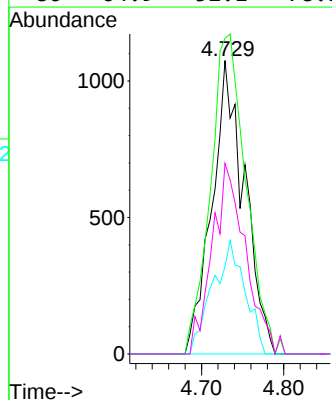


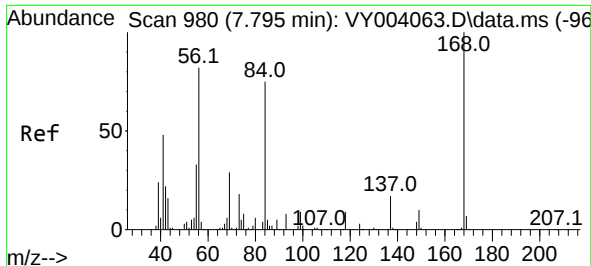
Tgt Ion: 43 Resp: 1363
Ion Ratio Lower Upper
43 100
74 13.0 17.6 26.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

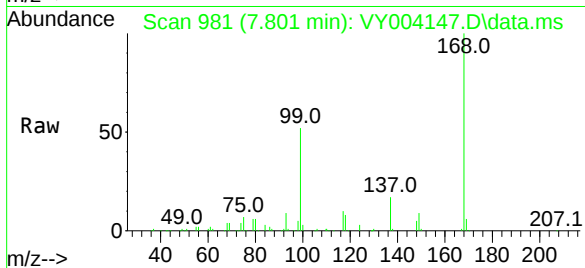
Tgt Ion: 84 Resp: 2956
Ion Ratio Lower Upper
84 100
49 107.5 105.8 158.6
51 29.8 32.6 48.8#
86 64.9 52.1 78.1



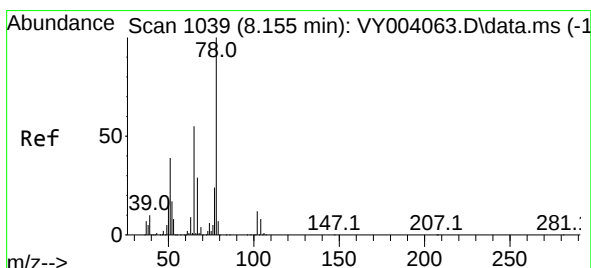
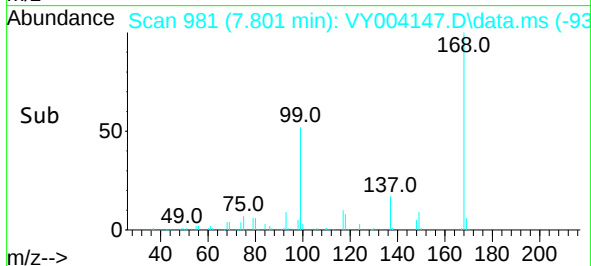
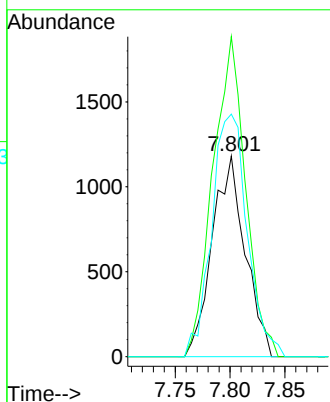


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-4.0-4.5

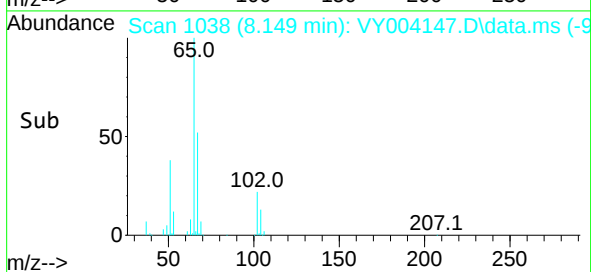
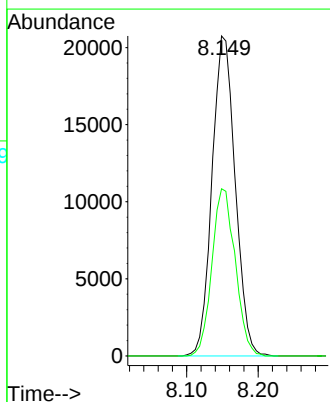
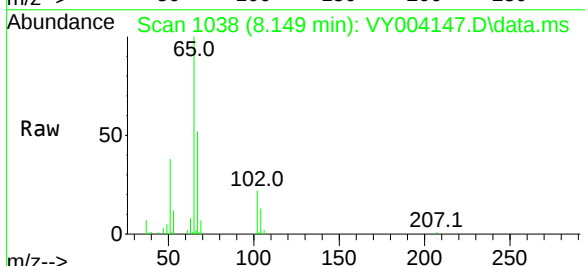


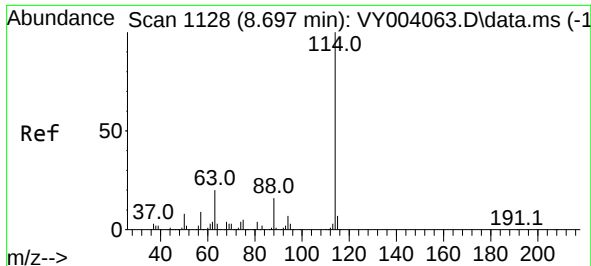
Tgt Ion: 56 Resp: 2470
Ion Ratio Lower Upper
56 100
69 159.5 25.3 37.9#
84 120.9 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 40.84 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

Tgt Ion: 65 Resp: 46658
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.4

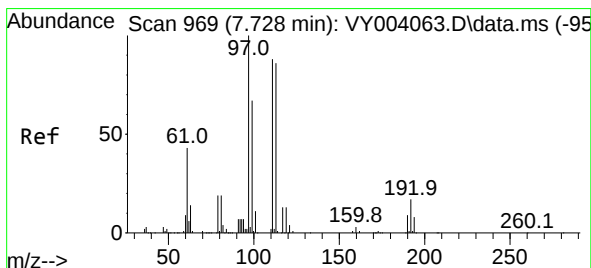
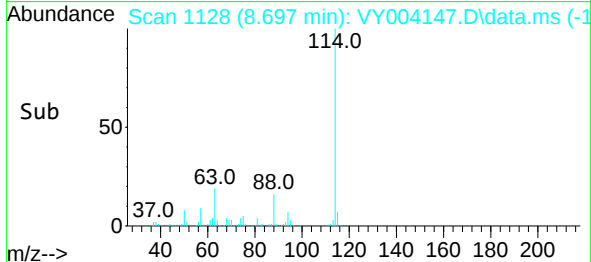
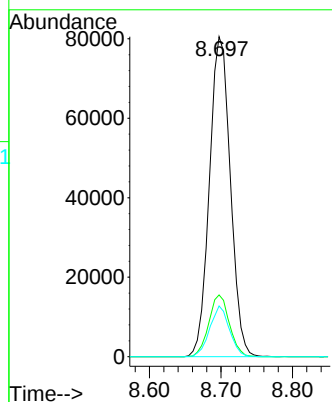
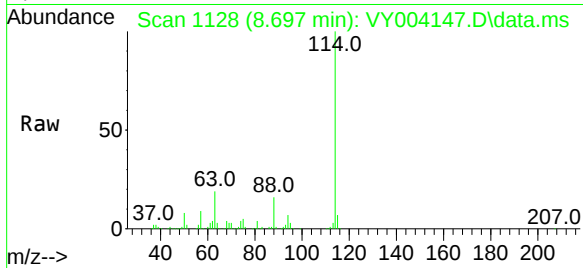




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

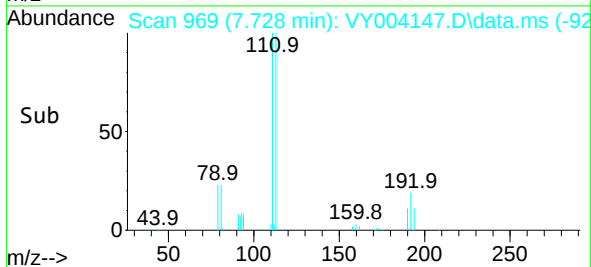
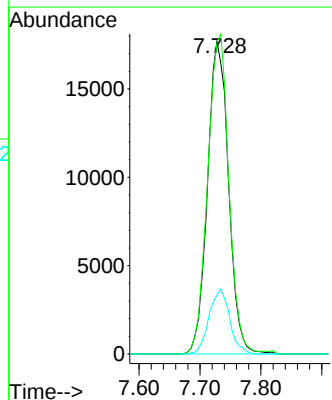
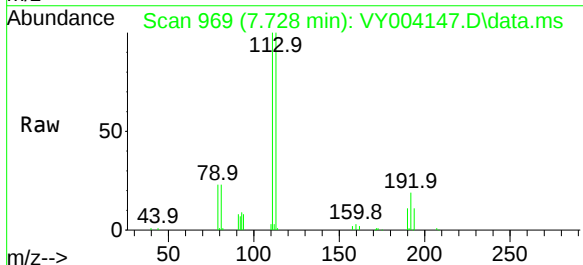
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-4.0-4.5

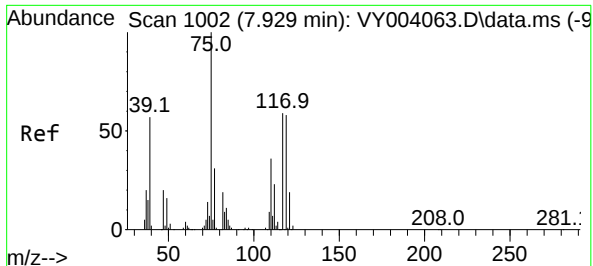
Tgt Ion:114 Resp: 163698
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.6
88 15.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 46.12 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

Tgt Ion:113 Resp: 42579
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 20.2 18.5 27.7

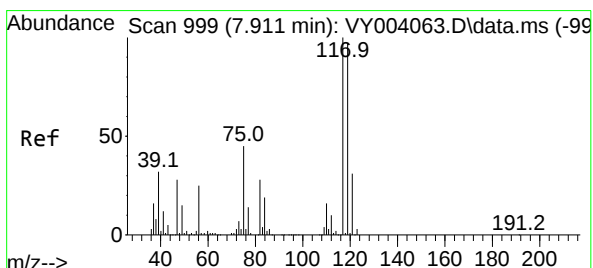
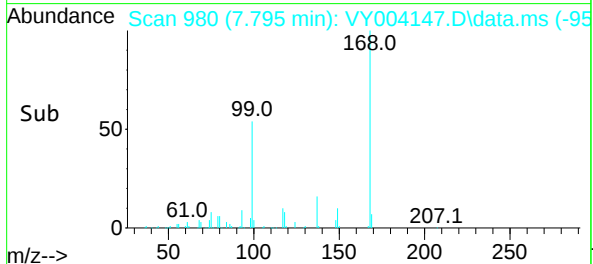
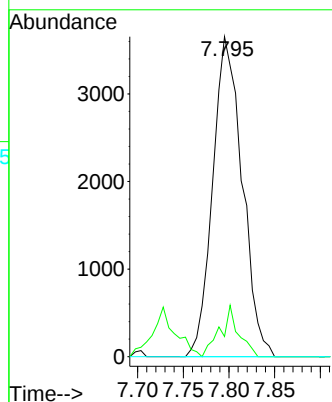
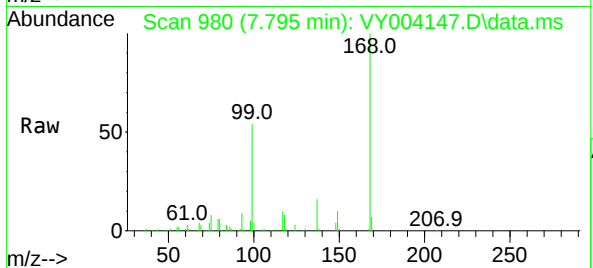




#36
1,1-Dichloropropene
Concen: 5.69 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

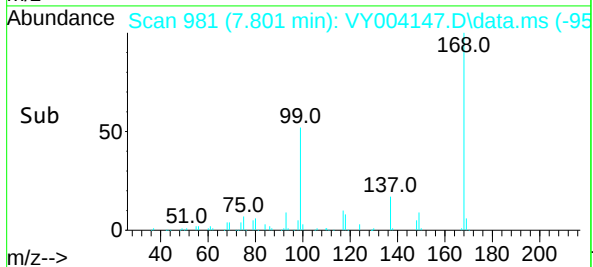
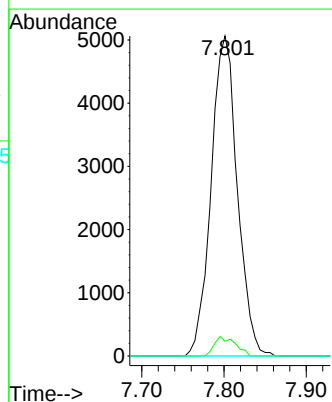
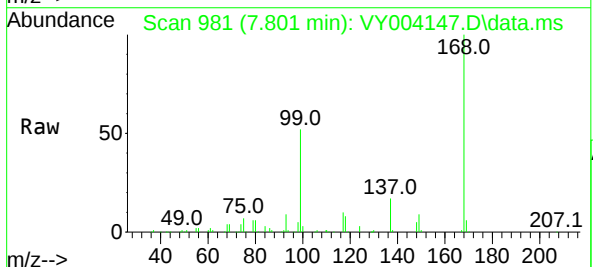
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-4.0-4.5

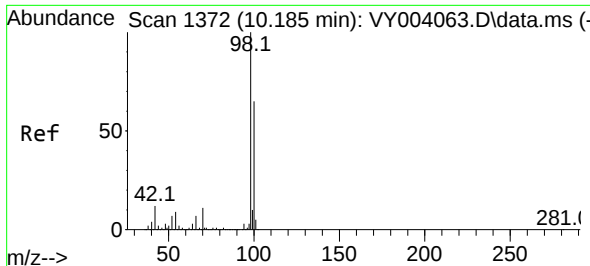
Tgt Ion: 75 Resp: 8189
Ion Ratio Lower Upper
75 100
110 10.0 17.4 52.3#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 7.35 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

Tgt Ion: 117 Resp: 11221
Ion Ratio Lower Upper
117 100
119 4.6 75.4 113.0#
121 0.0 24.2 36.2#

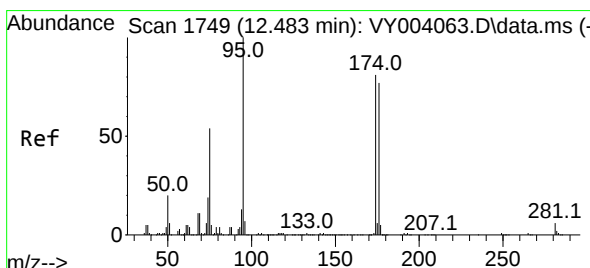
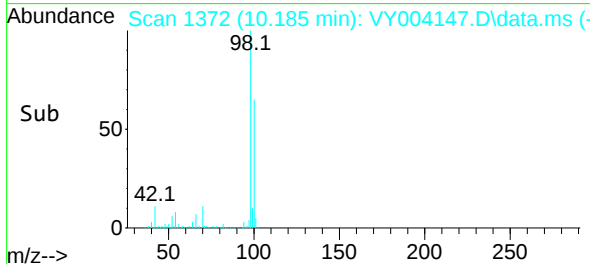
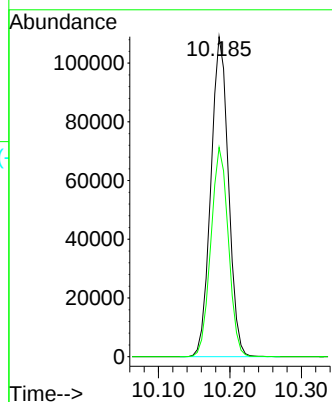
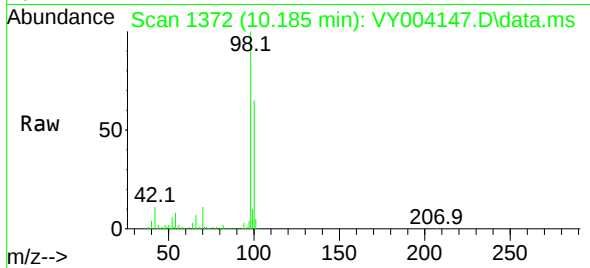




#50
Toluene-d8
Concen: 51.33 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

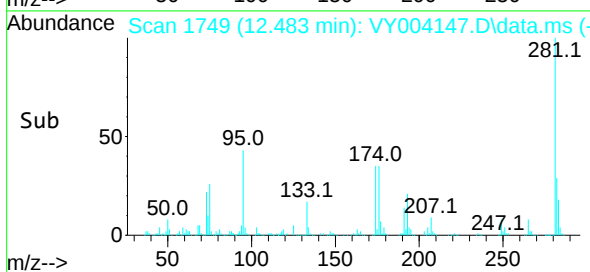
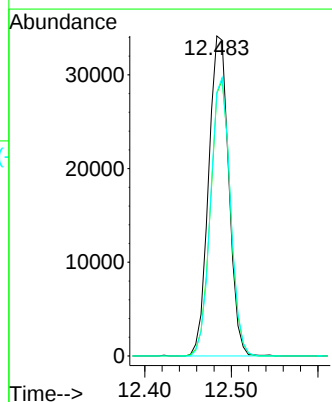
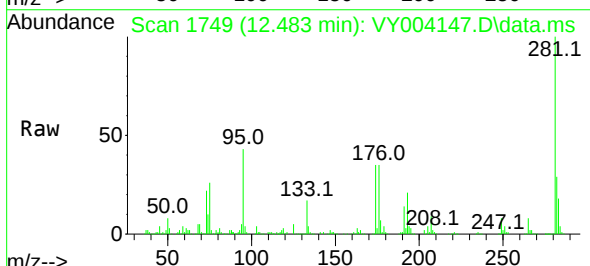
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-4.0-4.5

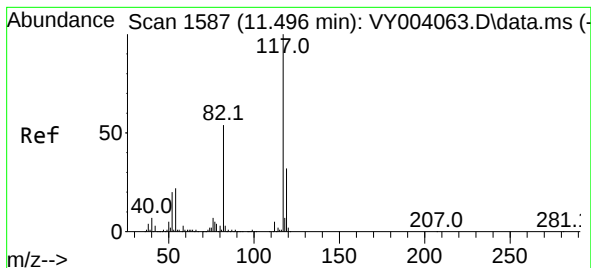
Tgt Ion: 98 Resp: 185751
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 41.31 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

Tgt Ion: 95 Resp: 55212
Ion Ratio Lower Upper
95 100
174 84.6 0.0 179.0
176 85.2 0.0 174.4

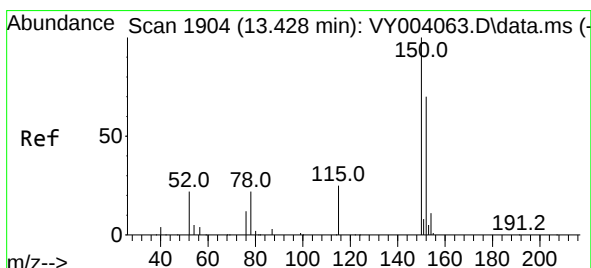
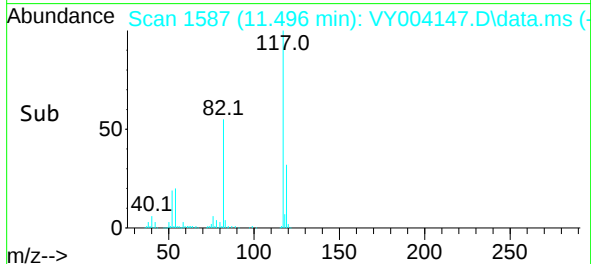
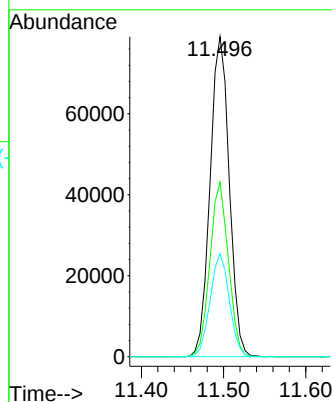
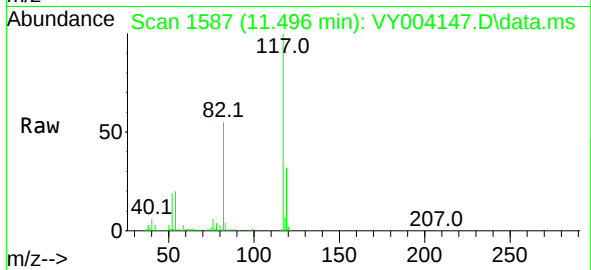




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

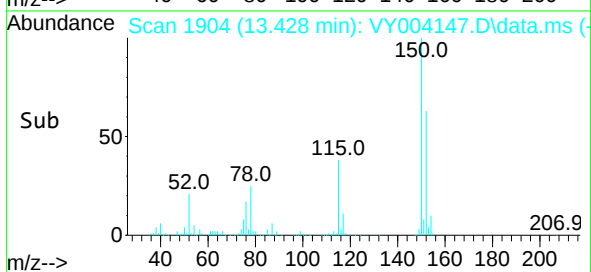
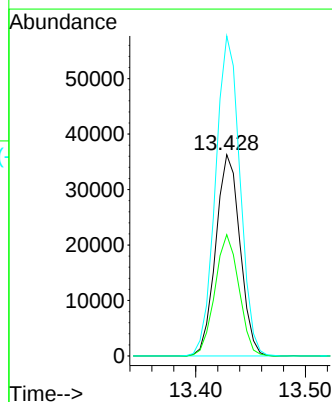
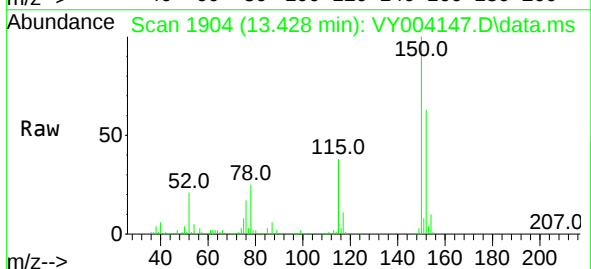
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-4.0-4.5

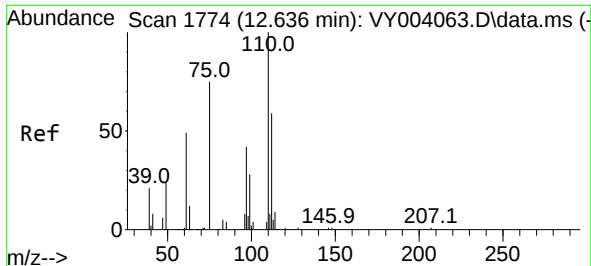
Tgt Ion:117 Resp: 128138
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.6
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

Tgt Ion:152 Resp: 55857
Ion Ratio Lower Upper
152 100
115 59.7 28.2 84.6
150 160.2 0.0 347.2

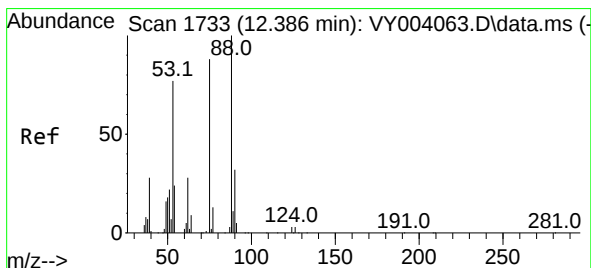
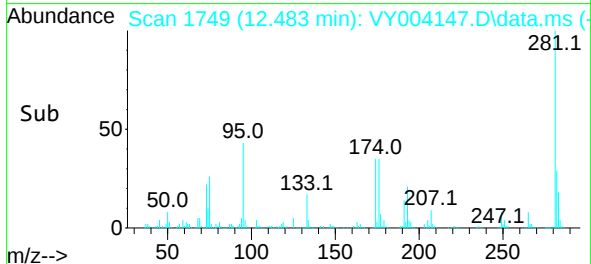
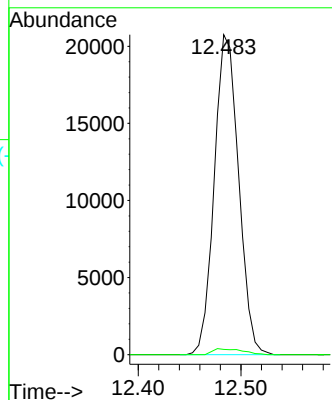
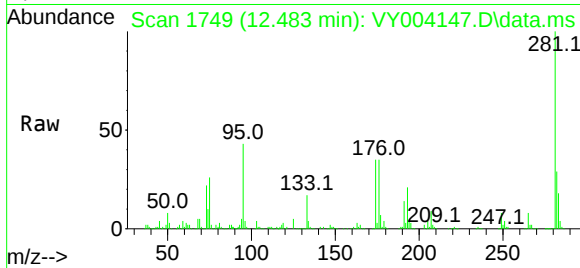




#76
1,2,3-Trichloropropane
Concen: 63.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-4.0-4.5

Tgt Ion: 75 Resp: 34089
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.62 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004147.D
Acq: 19 Mar 2021 19:51

Tgt Ion: 75 Resp: 34089
Ion Ratio Lower Upper
75 100
53 0.1 73.5 110.3#
89 5.2 35.7 53.5#

