

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032221\
 Data File : VY004160.D
 Acq On : 22 Mar 2021 13:45
 Operator : SY/MD
 Sample : M1746-02RE
 Misc : 5.35g/5mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 23 01:09:51 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)

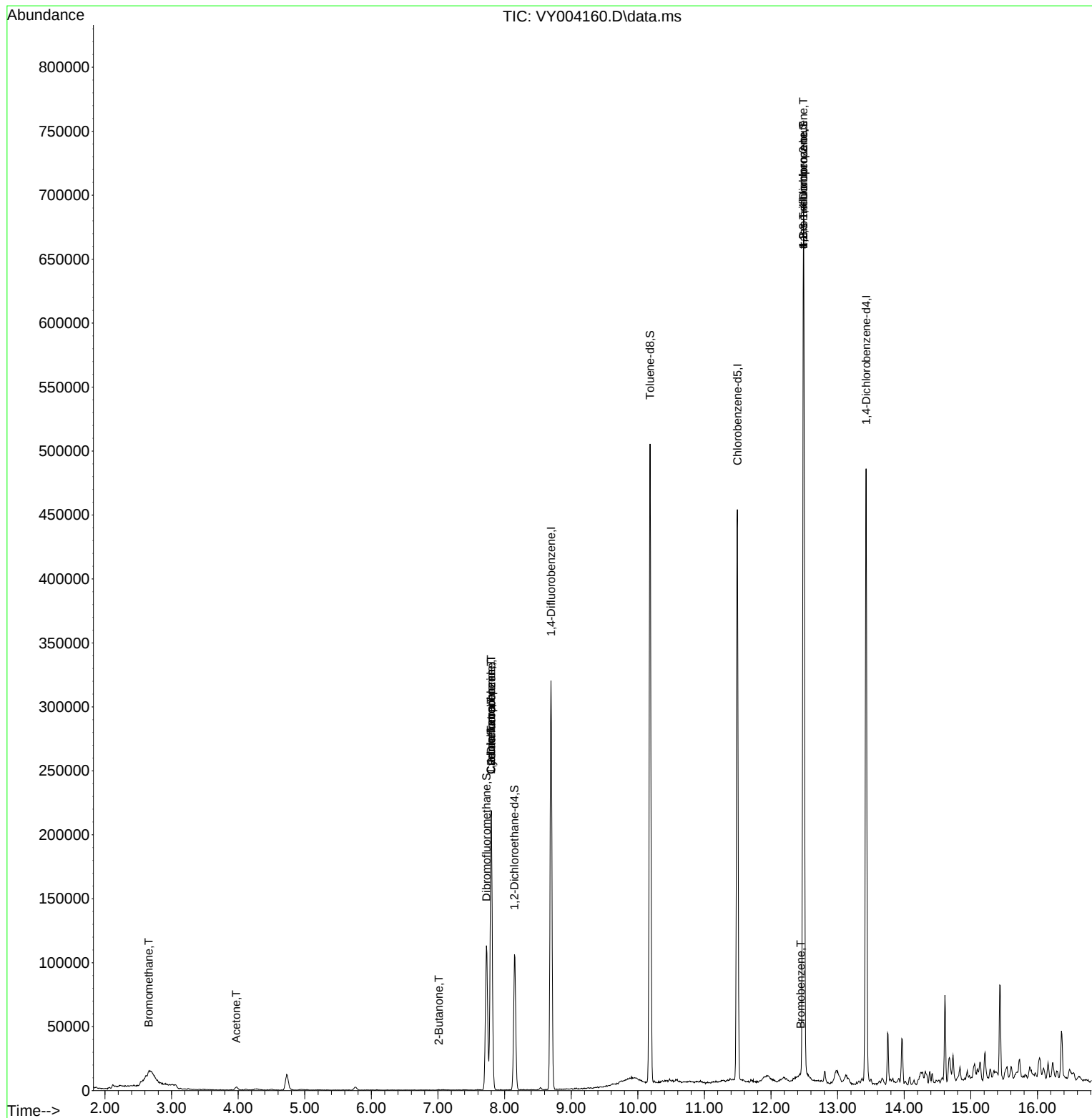
Internal Standards						
1) Pentafluorobenzene	7.801	168	173275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	274628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	246020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122523	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82141	48.04	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.08%			
35) Dibromofluoromethane	7.728	113	77652	50.14	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.28%			
50) Toluene-d8	10.185	98	325736	53.65	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.30%			
62) 4-Bromofluorobenzene	12.483	95	113432	50.59	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.18%			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	1167	Below Cal		98
5) Bromomethane	2.656	94	1415	1.06 ug/l #		71
16) Acetone	3.972	43	4401	10.66 ug/l		92
25) 2-Butanone	7.015	43	621	1.04 ug/l #		51
31) Cyclohexane	7.795	56	3403	1.13 ug/l #		1
36) 1,1-Dichloropropene	7.795	75	12545	5.20 ug/l #		51
38) Carbon Tetrachloride	7.795	117	16660	6.51 ug/l #		17
58) 2-Chloroethyl Vinyl ether	9.807	63	90	Below Cal		100
76) 1,2,3-Trichloropropane	12.483	75	62189	52.94 ug/l #		100
77) Bromobenzene	12.447	156	5415	2.75 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.483	75	62189	104.47 ug/l #		14

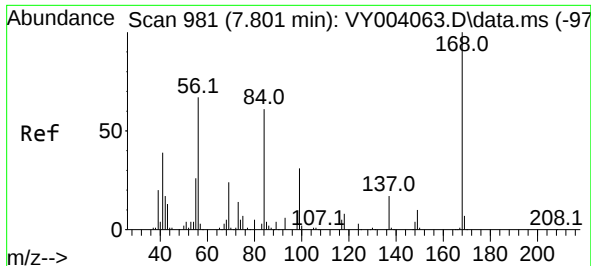
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032221\
Data File : VY004160.D
Acq On : 22 Mar 2021 13:45
Operator : SY/MD
Sample : M1746-02RE
Misc : 5.35g/5mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

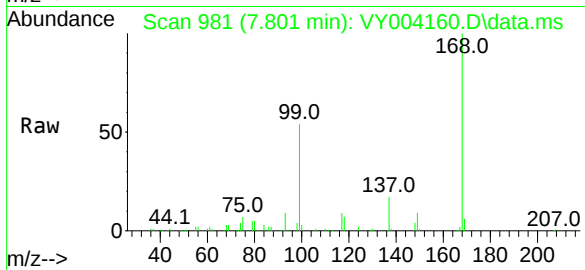
Quant Time: Mar 23 01:09:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration



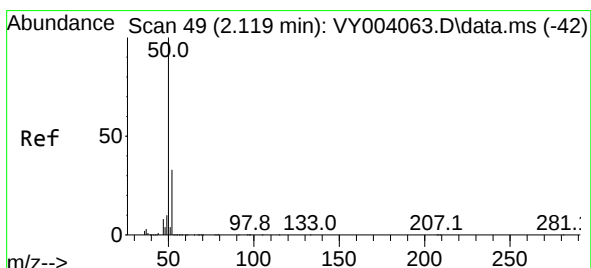
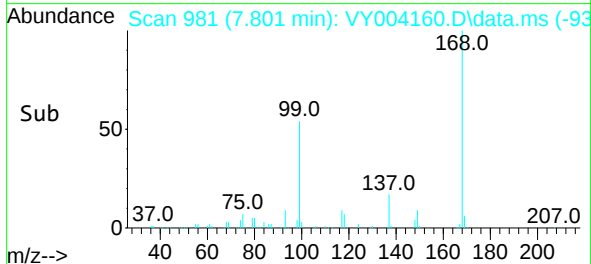
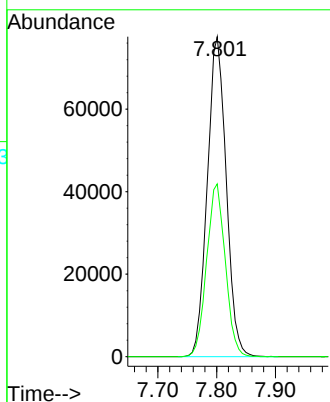


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004160.D
Acq: 22 Mar 2021 13:45

Instrument :
MSVOA_Y
ClientSampled :

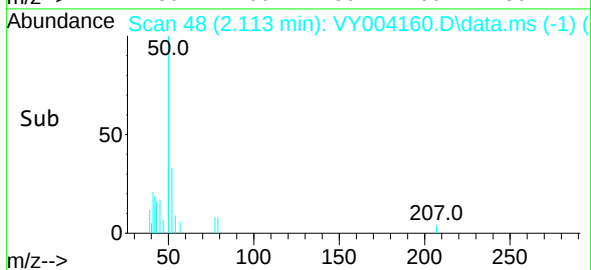
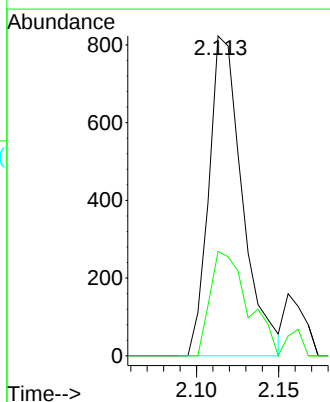
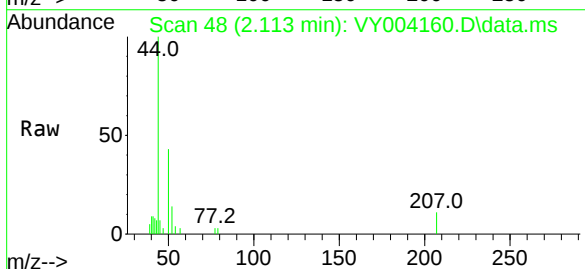


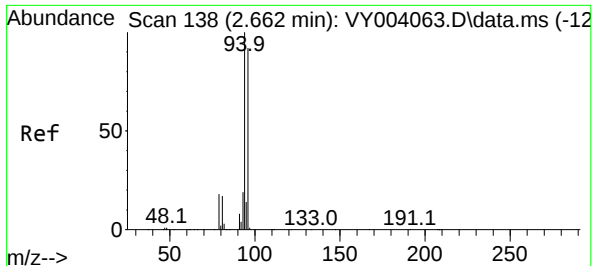
Tgt Ion:168 Resp: 173275
Ion Ratio Lower Upper
168 100
99 54.0 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY004160.D
Acq: 22 Mar 2021 13:45

Tgt Ion: 50 Resp: 1167
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.2

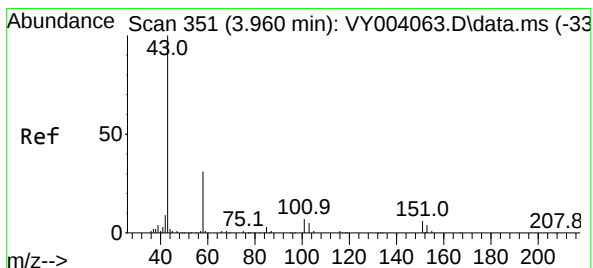
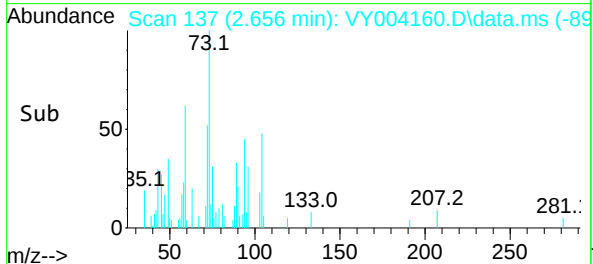
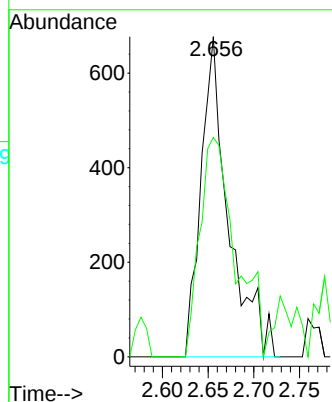
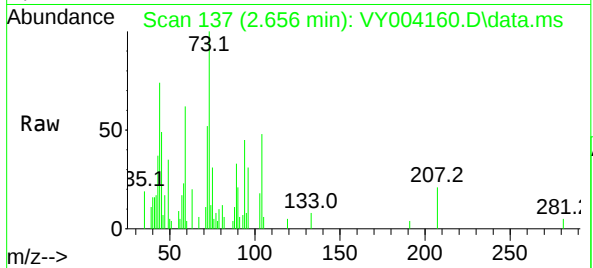




#5
Bromomethane
Concen: 1.06 ug/l
RT: 2.656 min Scan# 137
Delta R.T. -0.006 min
Lab File: VY004160.D
Acq: 22 Mar 2021 13:45

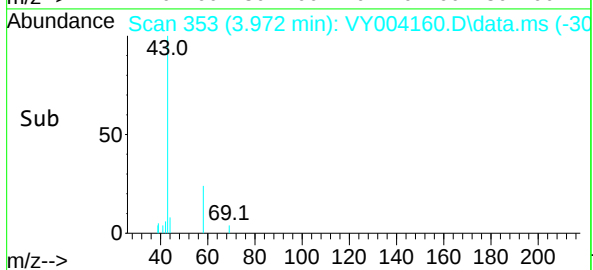
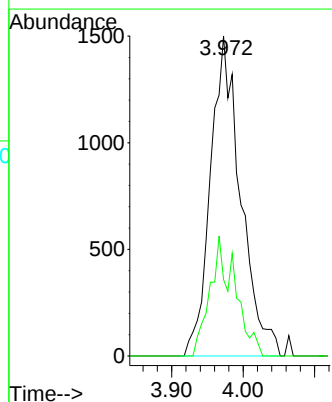
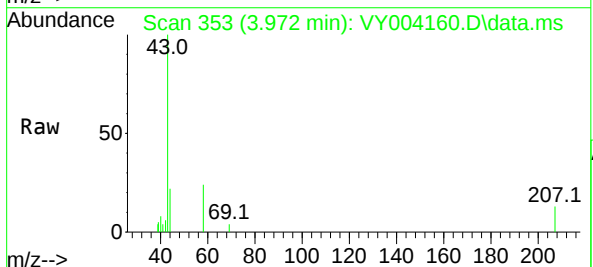
Instrument :
MSVOA_Y
ClientSampleId :

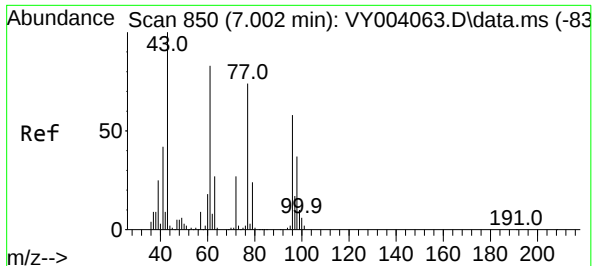
Tgt Ion: 94 Resp: 1415
Ion Ratio Lower Upper
94 100
96 68.5 77.4 116.2#



#16
Acetone
Concen: 10.66 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY004160.D
Acq: 22 Mar 2021 13:45

Tgt Ion: 43 Resp: 4401
Ion Ratio Lower Upper
43 100
58 23.9 22.6 34.0





#25

2-Butanone

Concen: 1.04 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.013 min

Lab File: VY004160.D

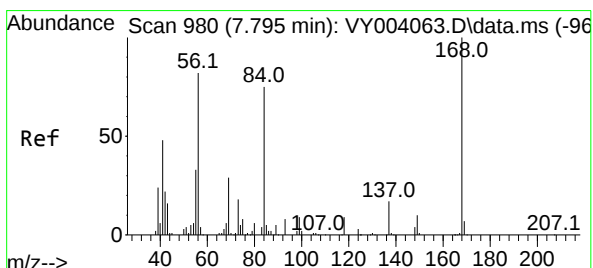
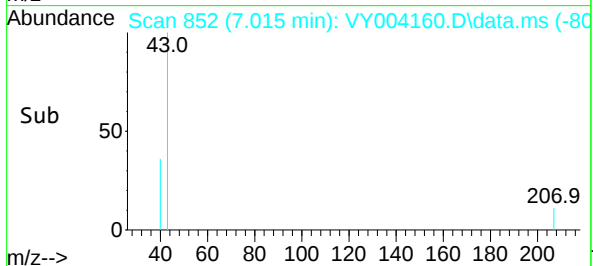
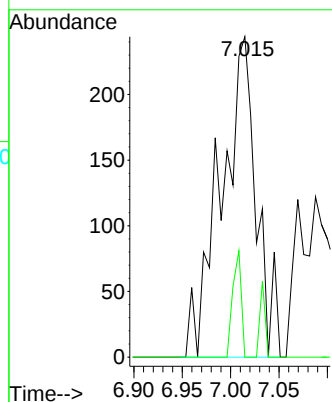
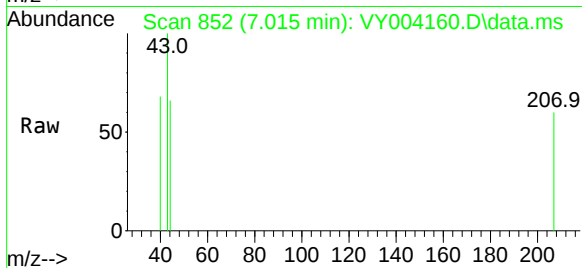
Acq: 22 Mar 2021 13:45

Tgt Ion: 43 Resp: 621

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.0#



#31

Cyclohexane

Concen: 1.13 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY004160.D

Acq: 22 Mar 2021 13:45

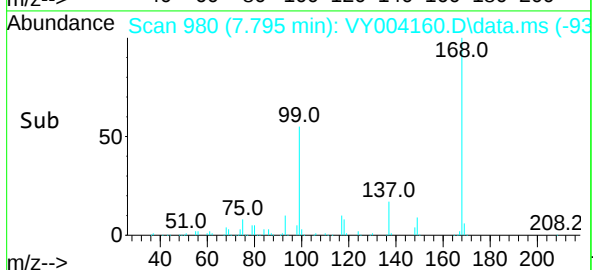
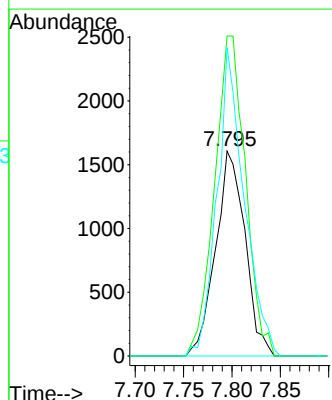
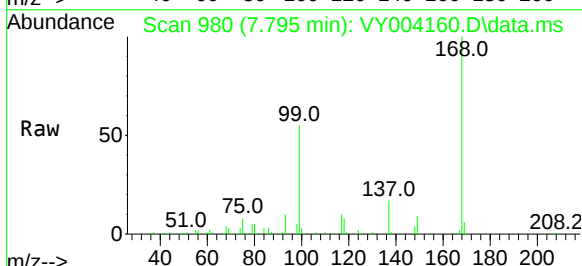
Tgt Ion: 56 Resp: 3403

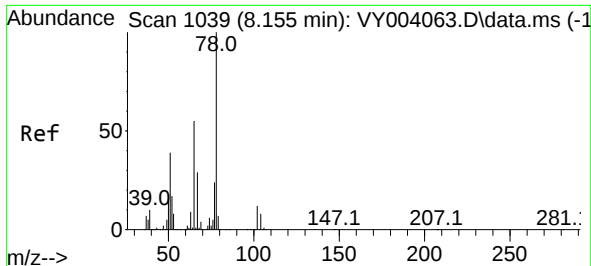
Ion Ratio Lower Upper

56 100

69 156.2 25.3 37.9#

84 150.5 67.3 100.9#

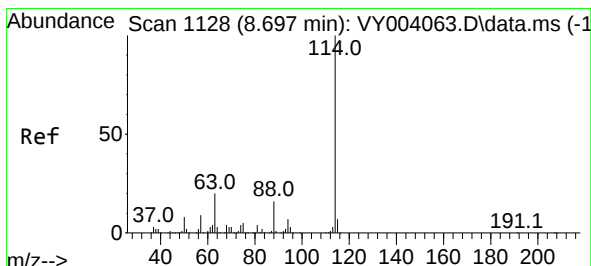
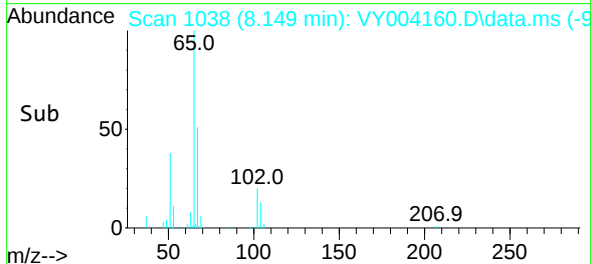
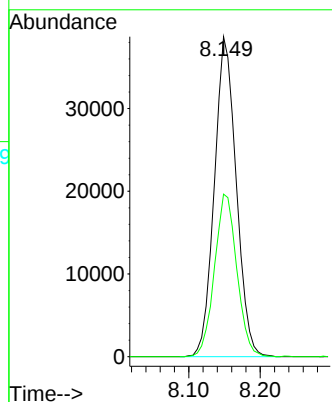
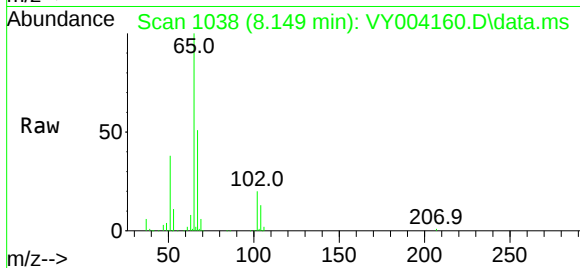




#33
1,2-Dichloroethane-d4
Concen: 48.04 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004160.D
Acq: 22 Mar 2021 13:45

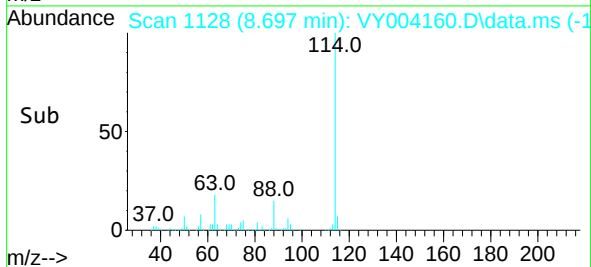
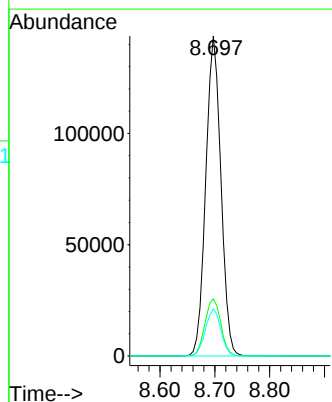
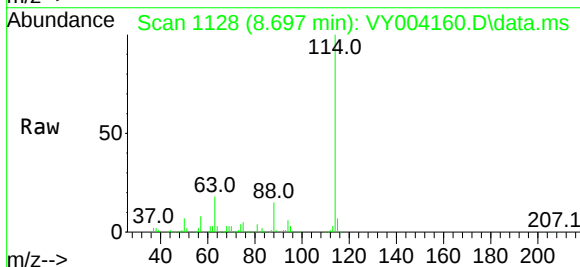
Instrument :
MSVOA_Y
ClientSampleId :

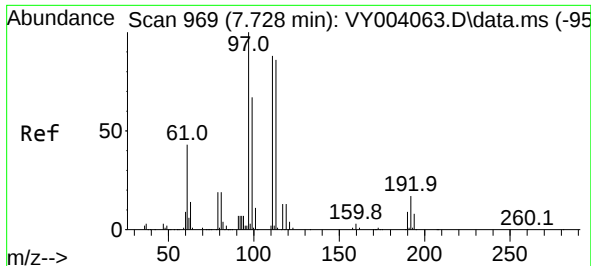
Tgt Ion: 65 Resp: 82141
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004160.D
Acq: 22 Mar 2021 13:45

Tgt Ion: 114 Resp: 274628
Ion Ratio Lower Upper
114 100
63 17.9 0.0 41.6
88 14.7 0.0 31.4

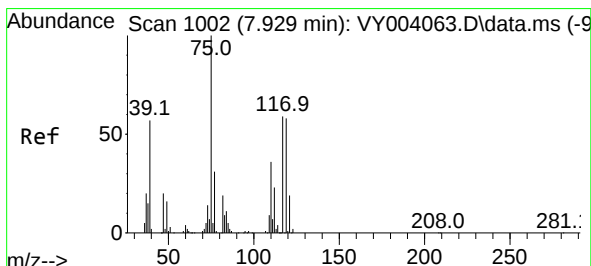
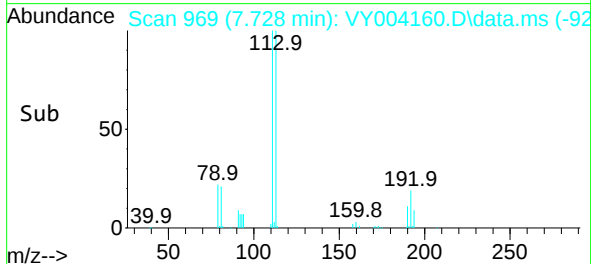
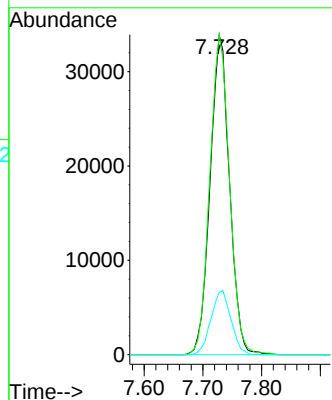
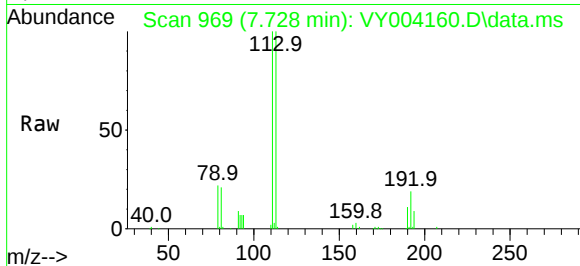




#35
Dibromofluoromethane
Concen: 50.14 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004160.D
Acq: 22 Mar 2021 13:45

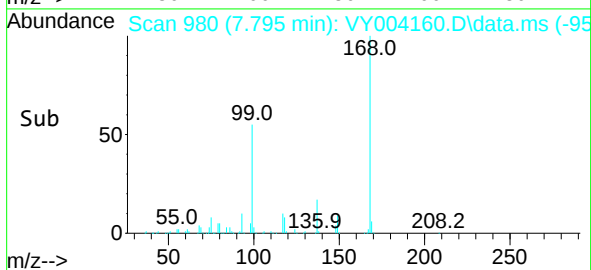
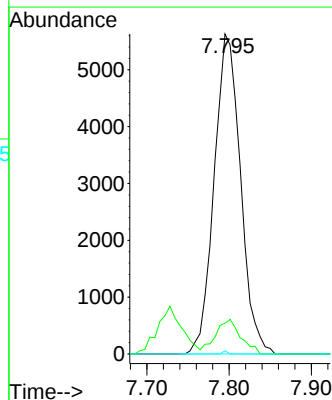
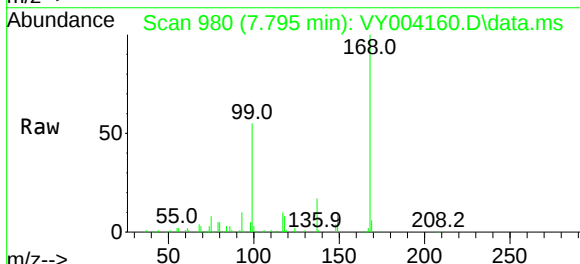
Instrument :
MSVOA_Y
ClientSampleId :

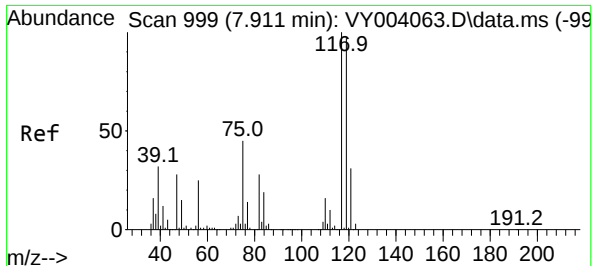
Tgt Ion:113 Resp: 77652
Ion Ratio Lower Upper
113 100
111 102.0 83.2 124.8
192 20.7 18.5 27.7



#36
1,1-Dichloropropene
Concen: 5.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004160.D
Acq: 22 Mar 2021 13:45

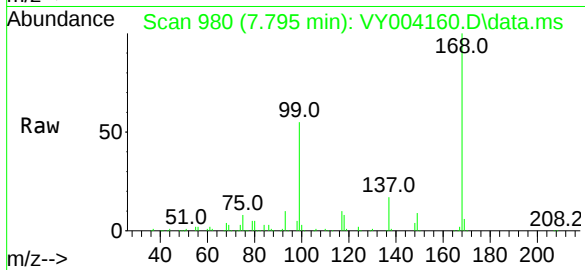
Tgt Ion: 75 Resp: 12545
Ion Ratio Lower Upper
75 100
110 10.3 17.4 52.3#
77 0.2 24.5 36.7#



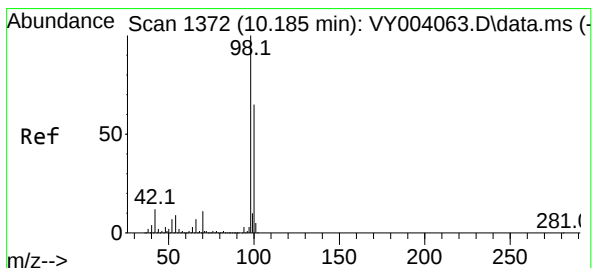
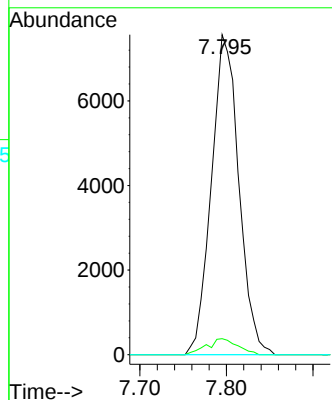
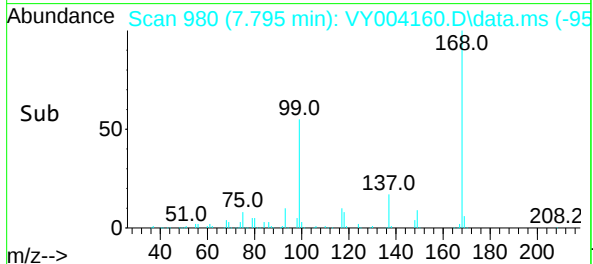


#38
Carbon Tetrachloride
Concen: 6.51 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004160.D
Acq: 22 Mar 2021 13:45

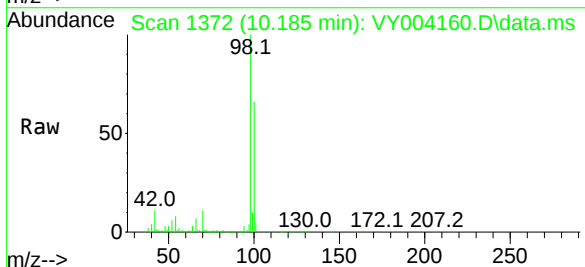
Instrument :
MSVOA_Y
ClientSampleId :



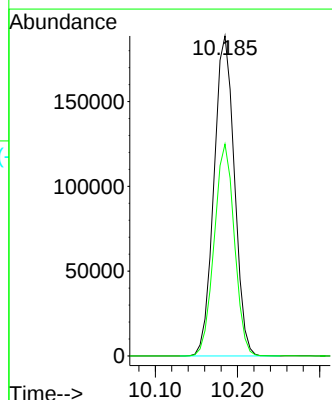
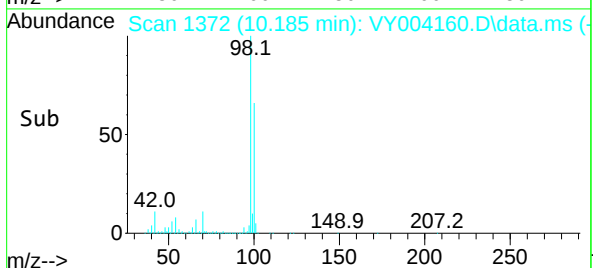
Tgt Ion:117 Resp: 16660
Ion Ratio Lower Upper
117 100
119 5.0 75.4 113.0#
121 0.0 24.2 36.2#

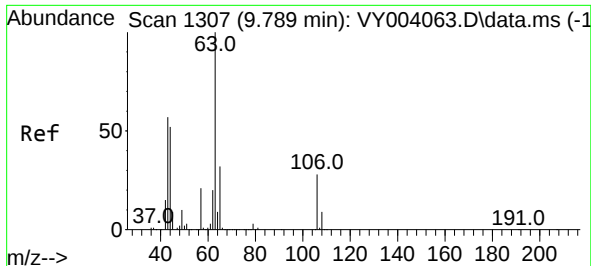


#50
Toluene-d8
Concen: 53.65 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004160.D
Acq: 22 Mar 2021 13:45



Tgt Ion: 98 Resp: 325736
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6

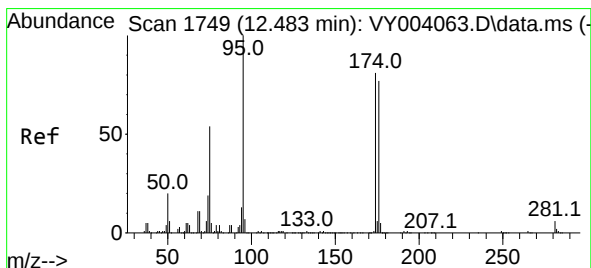
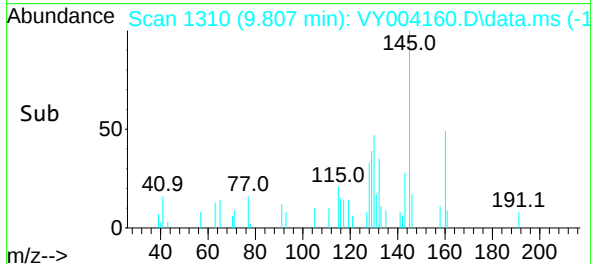
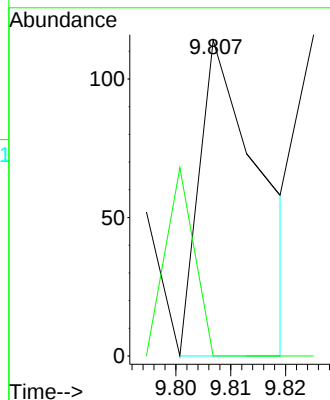
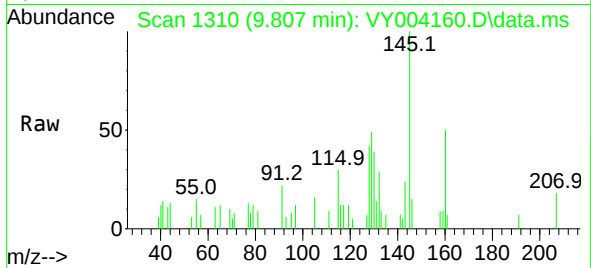




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.807 min Scan# 1310
Delta R.T. 0.018 min
Lab File: VY004160.D
Acq: 22 Mar 2021 13:45

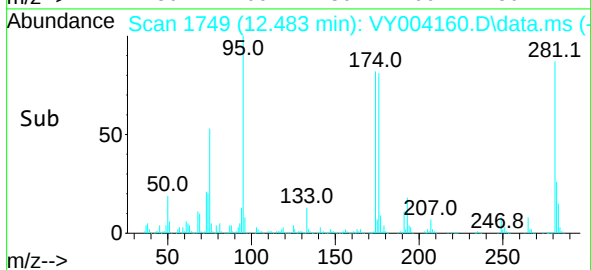
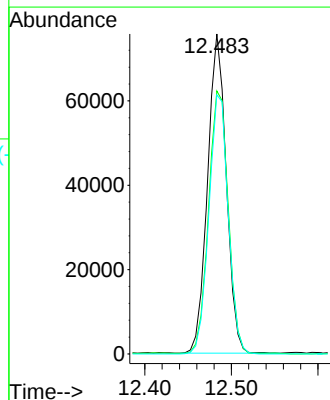
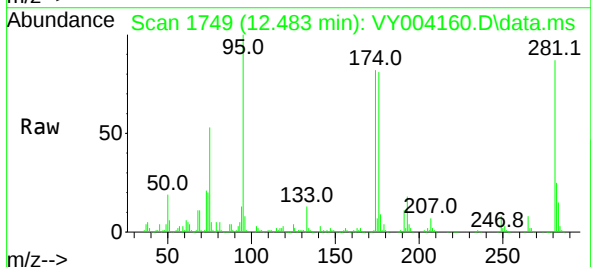
Instrument :
MSVOA_Y
ClientSampled :

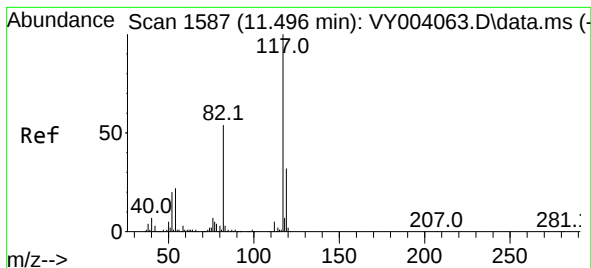
Tgt Ion: 63 Resp: 90
Ion Ratio Lower Upper
63 100
106 27.8 22.1 33.1



#62
4-Bromofluorobenzene
Concen: 50.59 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004160.D
Acq: 22 Mar 2021 13:45

Tgt Ion: 95 Resp: 113432
Ion Ratio Lower Upper
95 100
174 86.2 0.0 179.0
176 83.9 0.0 174.4

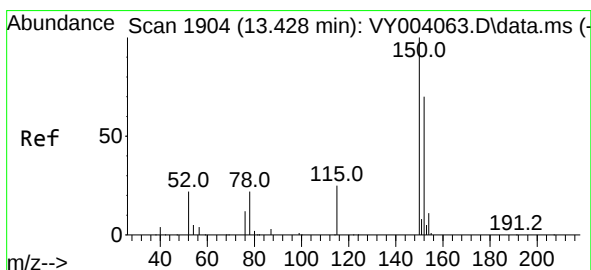
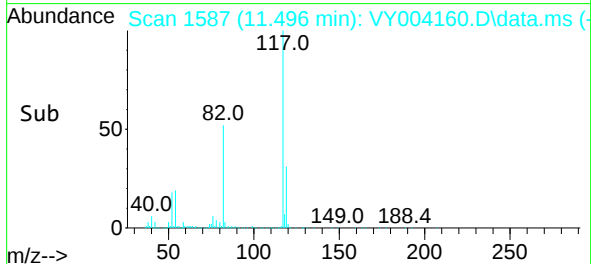
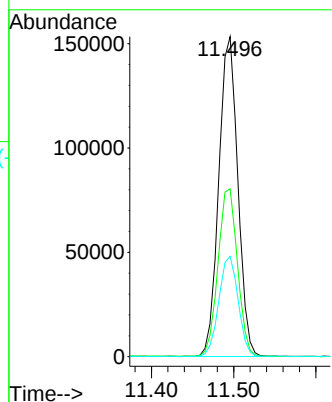
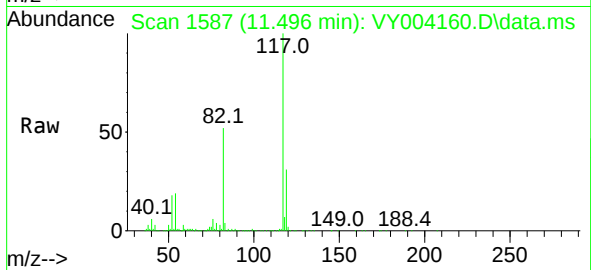




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004160.D
Acq: 22 Mar 2021 13:45

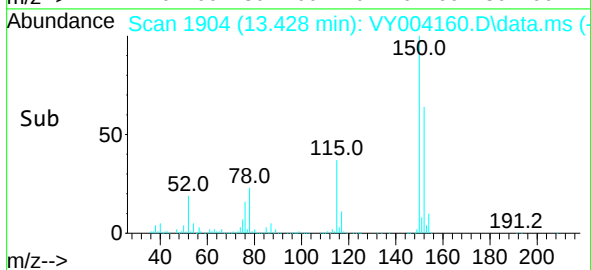
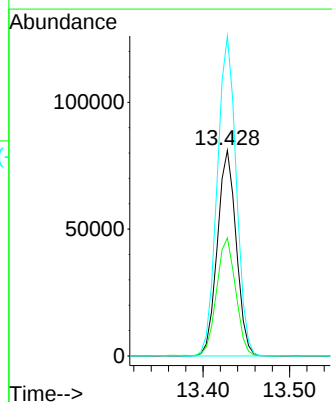
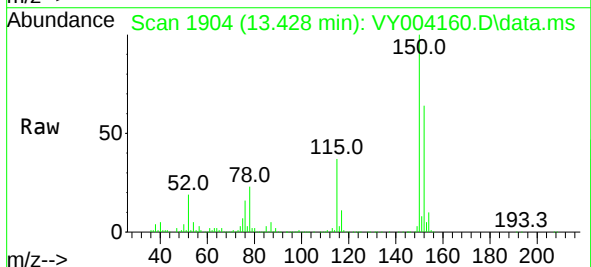
Instrument :
MSVOA_Y
ClientSampleId :

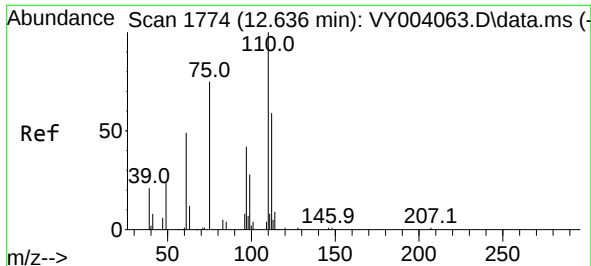
Tgt Ion:117 Resp: 246020
Ion Ratio Lower Upper
117 100
82 52.4 43.8 65.6
119 31.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004160.D
Acq: 22 Mar 2021 13:45

Tgt Ion:152 Resp: 122523
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.6
150 156.9 0.0 347.2

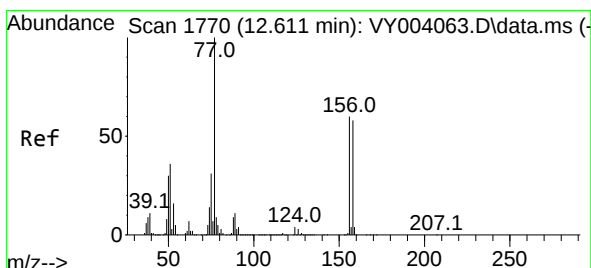
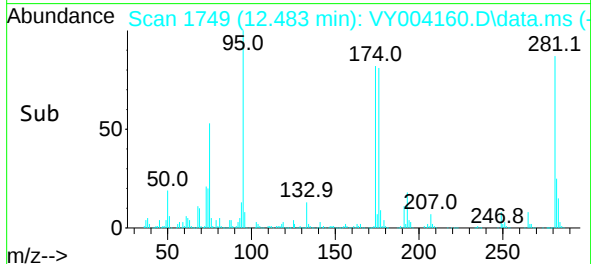
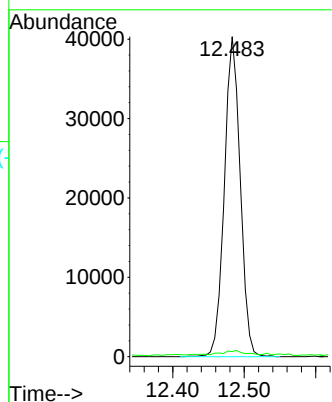
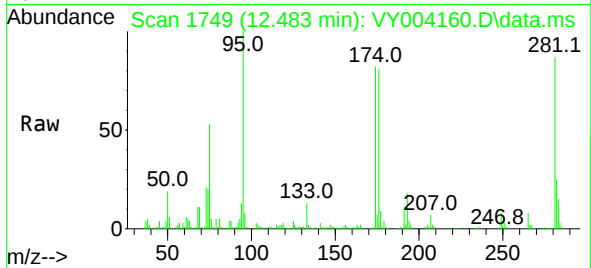




#76
1,2,3-Trichloropropane
Concen: 52.94 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004160.D
Acq: 22 Mar 2021 13:45

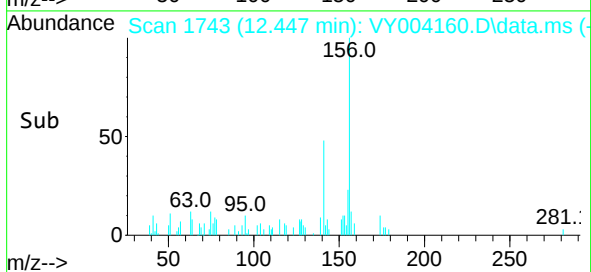
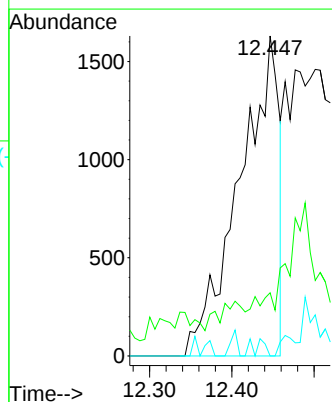
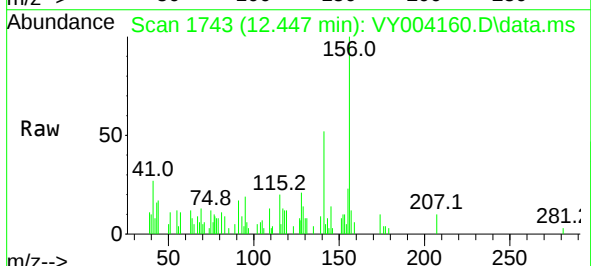
Instrument :
MSVOA_Y
ClientSampled :

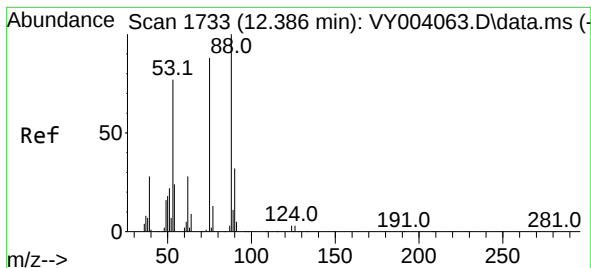
Tgt Ion: 75 Resp: 62189
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#77
Bromobenzene
Concen: 2.75 ug/l
RT: 12.447 min Scan# 1743
Delta R.T. -0.164 min
Lab File: VY004160.D
Acq: 22 Mar 2021 13:45

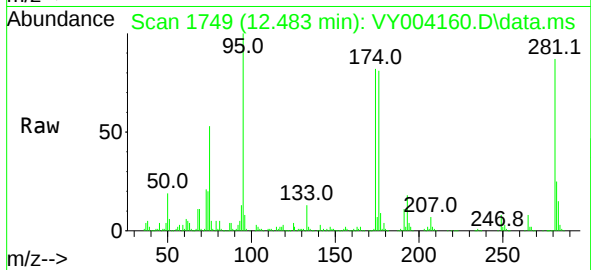
Tgt Ion: 156 Resp: 5415
Ion Ratio Lower Upper
156 100
77 0.0 90.5 271.3#
158 1.0 48.9 146.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.47 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004160.D
 Acq: 22 Mar 2021 13:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 62189
 Ion Ratio Lower Upper
 75 100
 53 0.3 73.5 110.3#
 89 2.2 35.7 53.5#

