

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032221\
 Data File : VY004153.D
 Acq On : 22 Mar 2021 10:45
 Operator : SY/MD
 Sample : VY0322SBL01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 23 01:07:13 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	202818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	334800	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	312494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152086	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.149	65	108560	54.24	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.48%
35) Dibromofluoromethane	7.728	113	101648	53.84	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.68%
50) Toluene-d8	10.185	98	397358	53.68	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.36%
62) 4-Bromofluorobenzene	12.483	95	143979	52.67	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.34%

Target Compounds

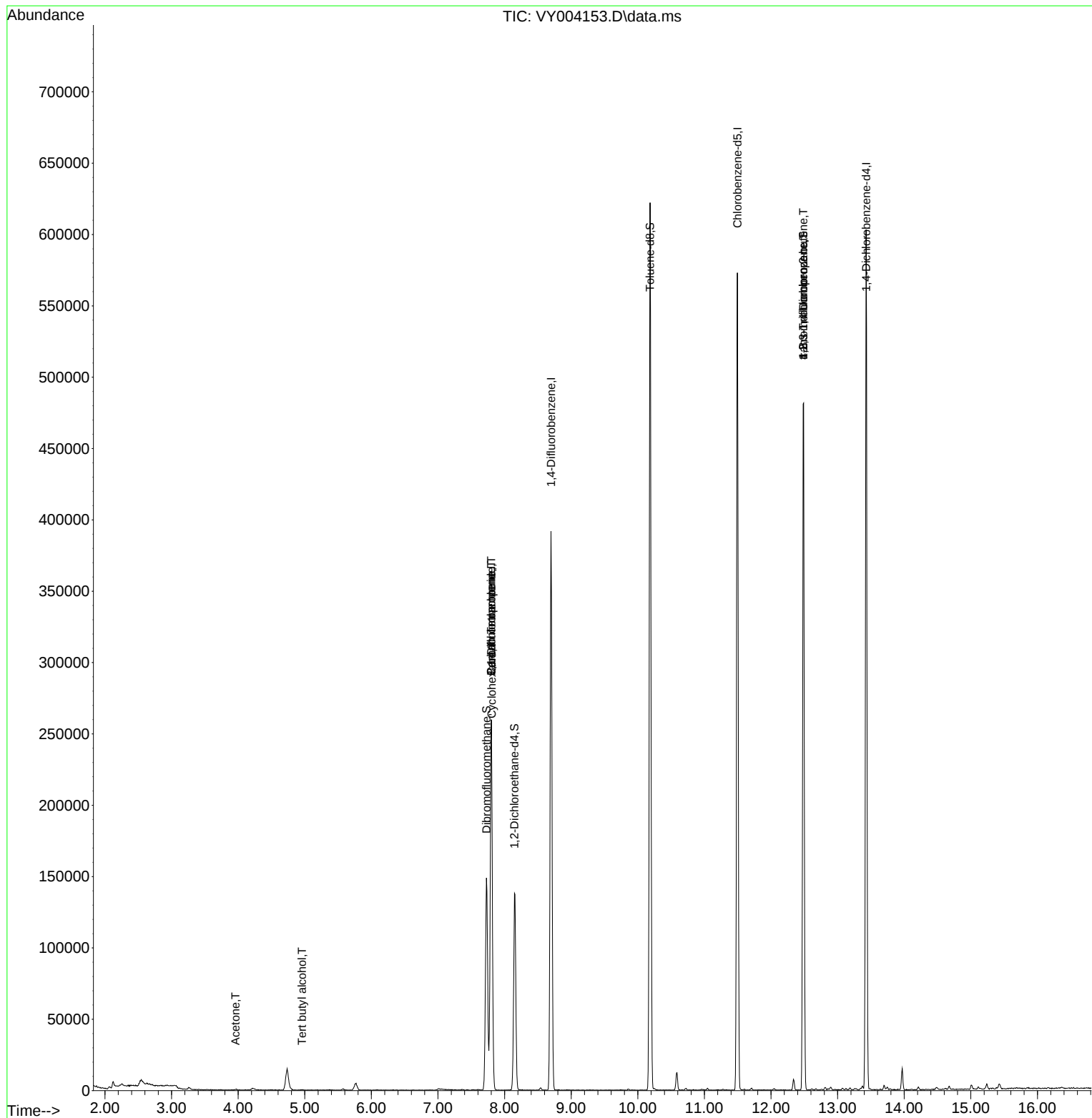
						Qvalue
2) Dichlorodifluoromethane	1.918	85	109	Below Cal	#	41
3) Chloromethane	2.119	50	3302	Below Cal		91
11) Tert butyl alcohol	4.960	59	344	1.90	ug/l #	76
16) Acetone	3.960	43	951	1.97	ug/l	96
31) Cyclohexane	7.807	56	4272	1.22	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	14570	4.95	ug/l #	51
38) Carbon Tetrachloride	7.801	117	20217	6.48	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	75973	52.10	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75973	102.82	ug/l #	13

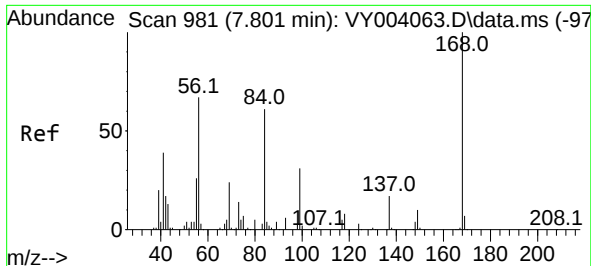
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

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Quant Time: Mar 23 01:07:13 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

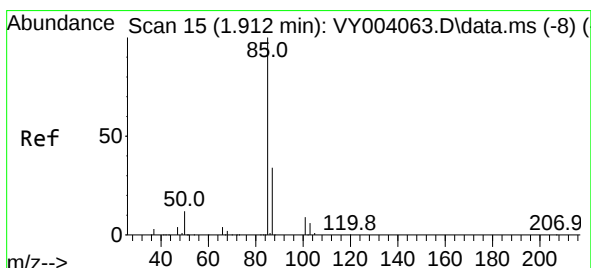
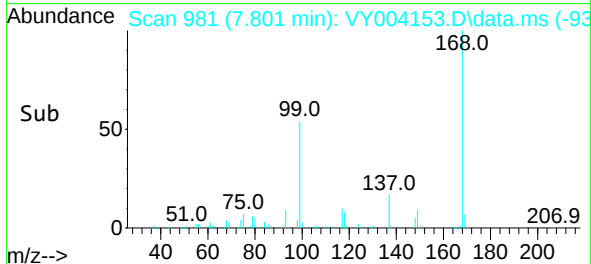
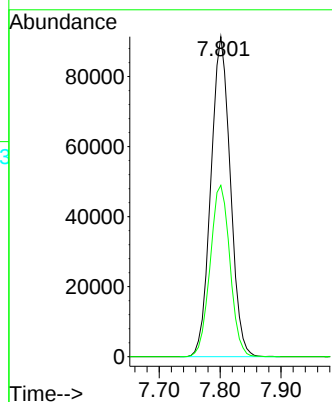
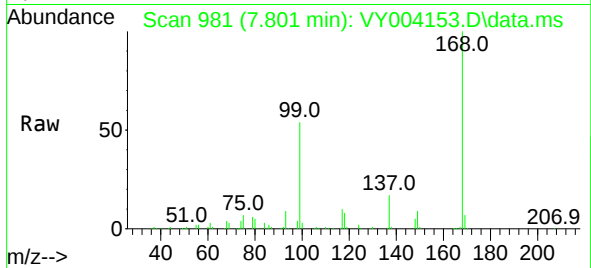




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004153.D
Acq: 22 Mar 2021 10:45

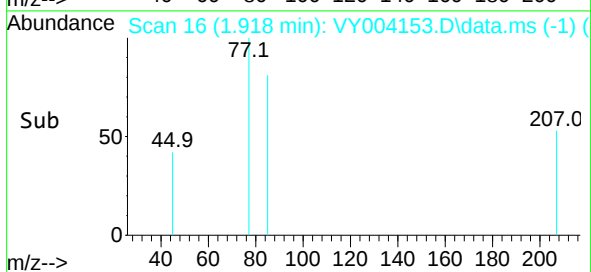
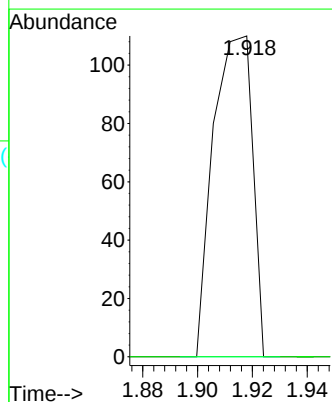
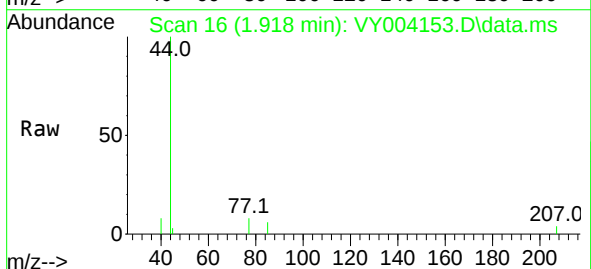
Instrument :
MSVOA_Y
ClientSampled :

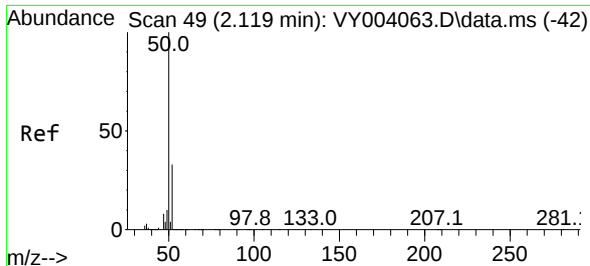
Tgt Ion:168 Resp: 202818
Ion Ratio Lower Upper
168 100
99 53.5 41.2 61.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY004153.D
Acq: 22 Mar 2021 10:45

Tgt Ion: 85 Resp: 109
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#

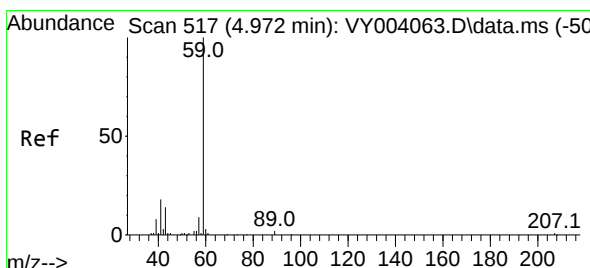
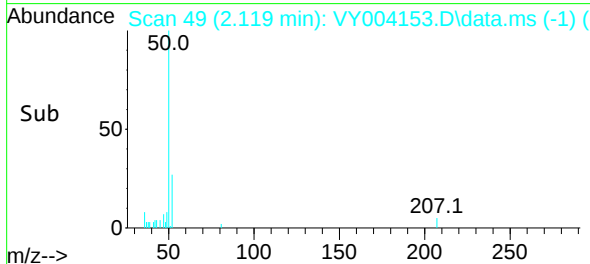
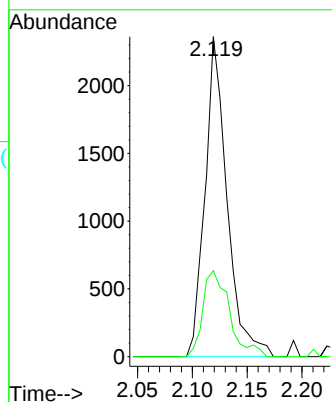
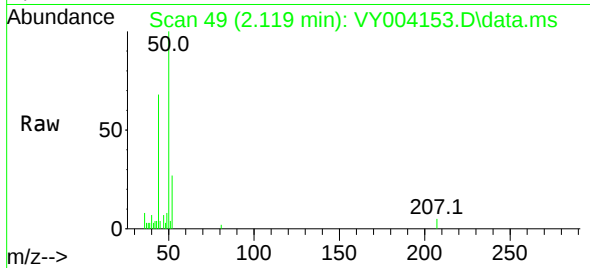




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004153.D
Acq: 22 Mar 2021 10:45

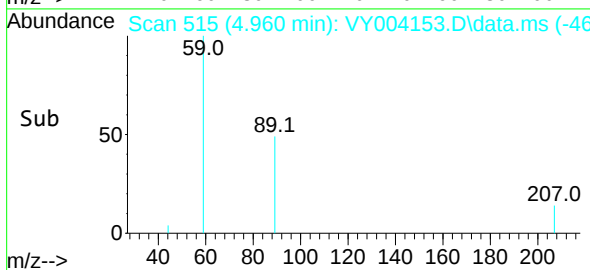
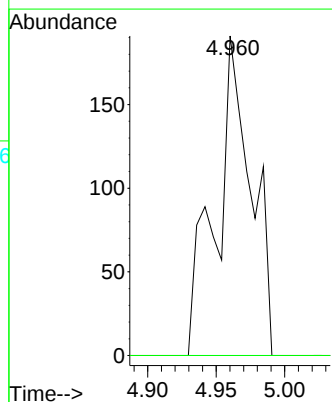
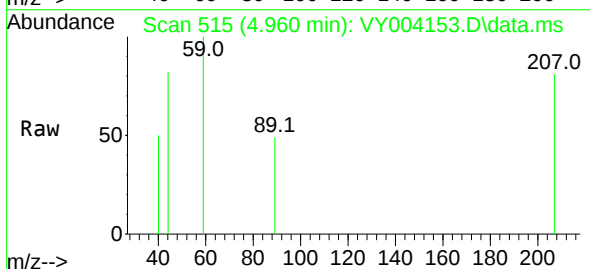
Instrument :
MSVOA_Y
ClientSampled :

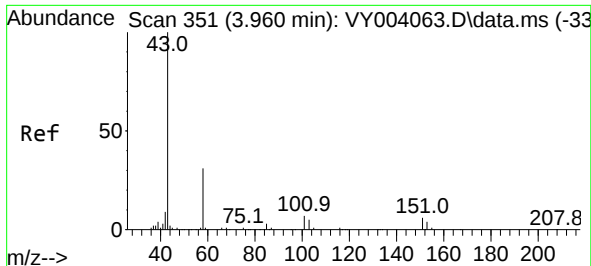
Tgt Ion: 50 Resp: 3302
Ion Ratio Lower Upper
50 100
52 26.9 25.4 38.2



#11
Tert butyl alcohol
Concen: 1.90 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004153.D
Acq: 22 Mar 2021 10:45

Tgt Ion: 59 Resp: 344
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

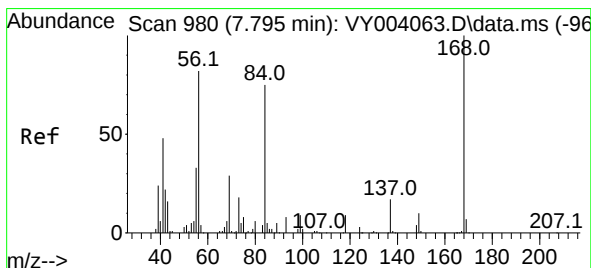
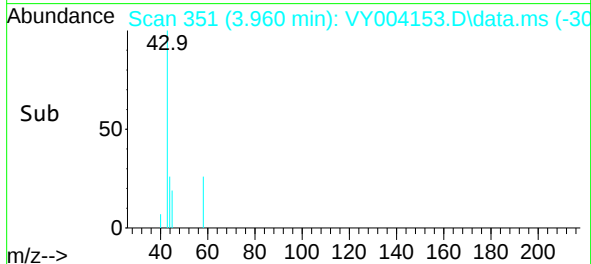
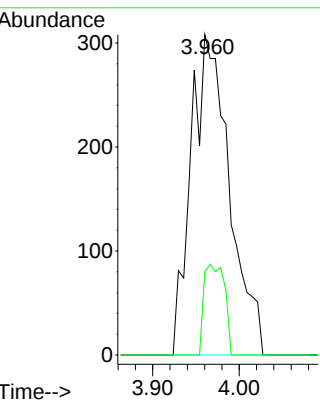
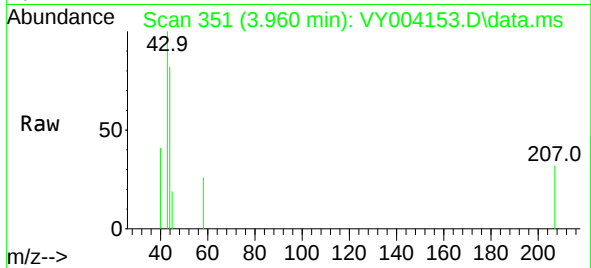




#16
Acetone
Concen: 1.97 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004153.D
Acq: 22 Mar 2021 10:45

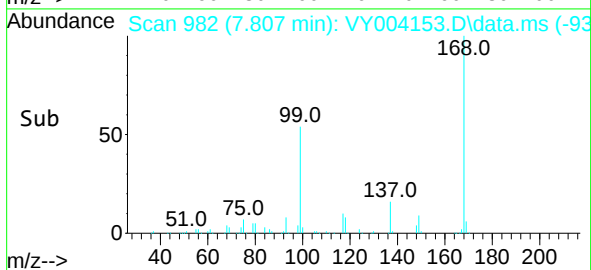
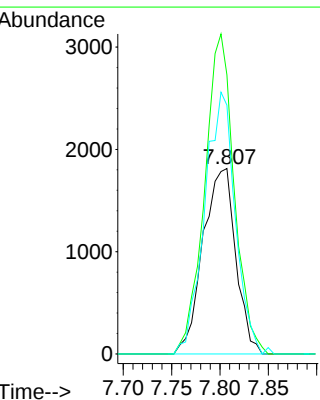
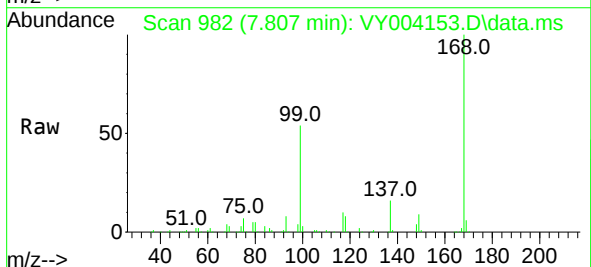
Instrument :
MSVOA_Y
ClientSampled :

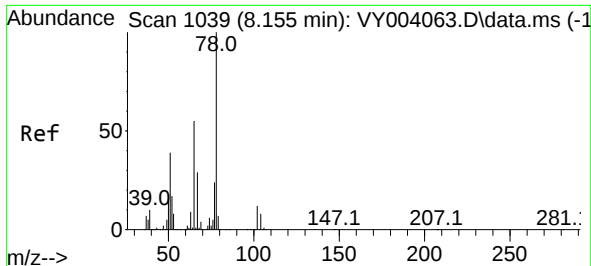
Tgt Ion: 43 Resp: 951
Ion Ratio Lower Upper
43 100
58 26.0 22.6 34.0



#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY004153.D
Acq: 22 Mar 2021 10:45

Tgt Ion: 56 Resp: 4272
Ion Ratio Lower Upper
56 100
69 150.5 25.3 37.9#
84 134.2 67.3 100.9#

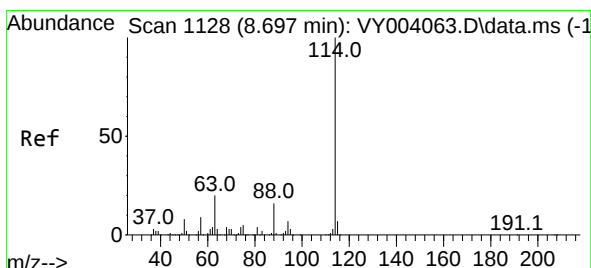
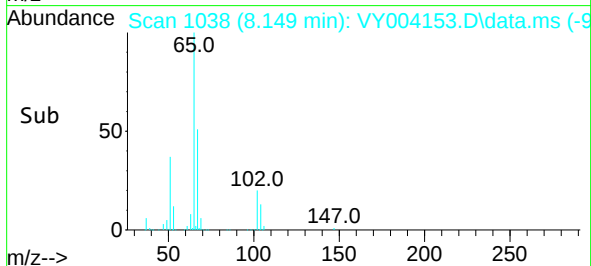
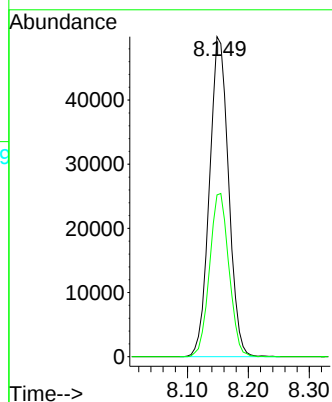
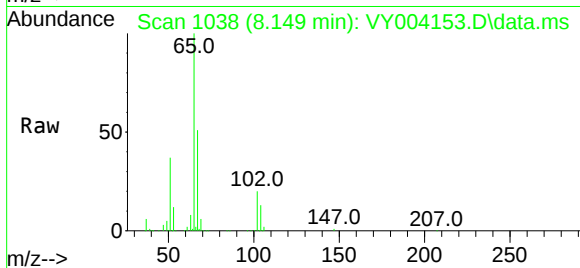




#33
 1,2-Dichloroethane-d4
 Concen: 54.24 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY004153.D
 Acq: 22 Mar 2021 10:45

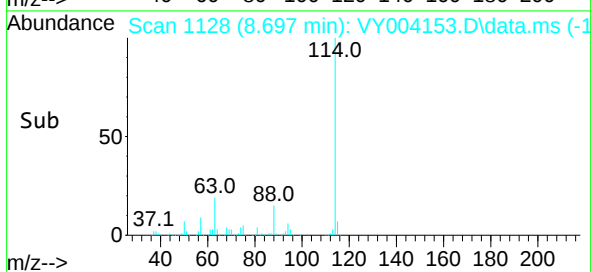
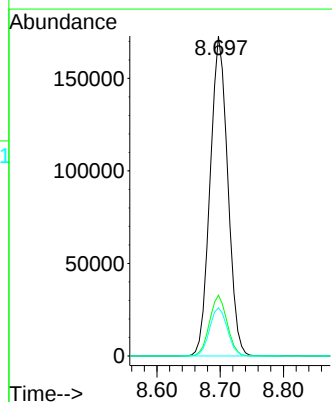
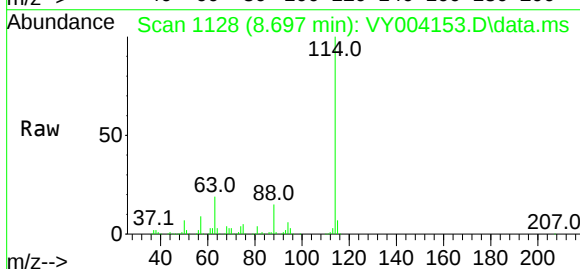
Instrument :
 MSVOA_Y
 ClientSampled :

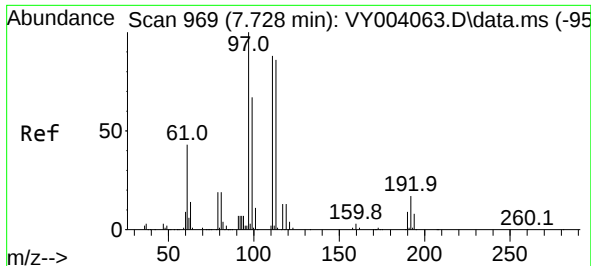
Tgt Ion: 65 Resp: 108560
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004153.D
 Acq: 22 Mar 2021 10:45

Tgt Ion: 114 Resp: 334800
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.6
 88 15.0 0.0 31.4

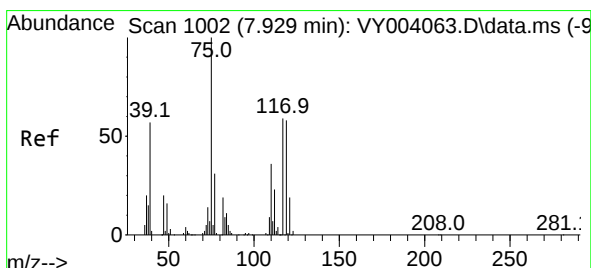
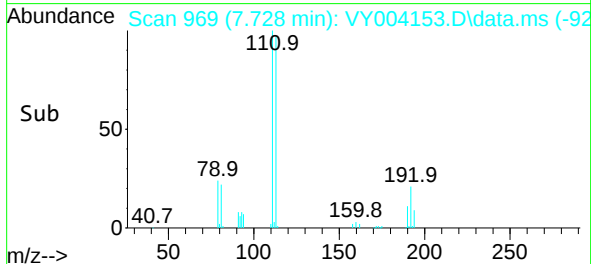
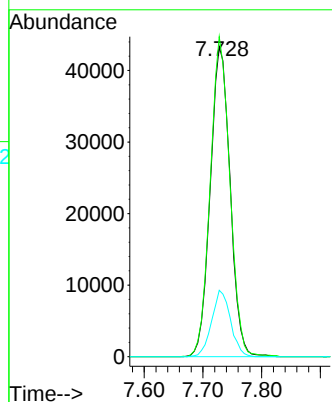
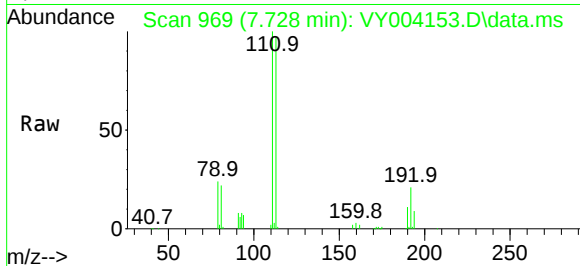




#35
Dibromofluoromethane
Concen: 53.84 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004153.D
Acq: 22 Mar 2021 10:45

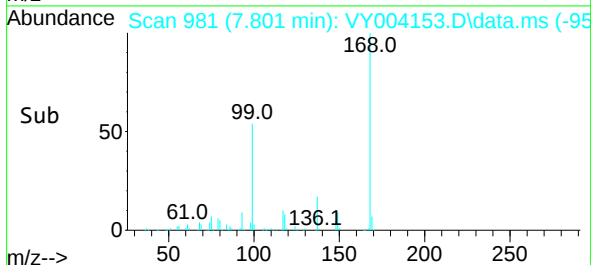
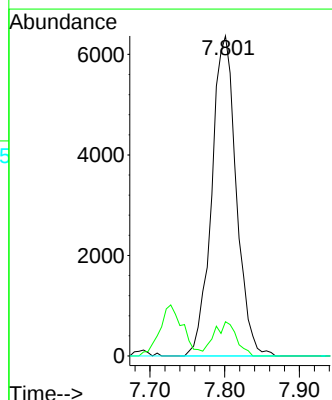
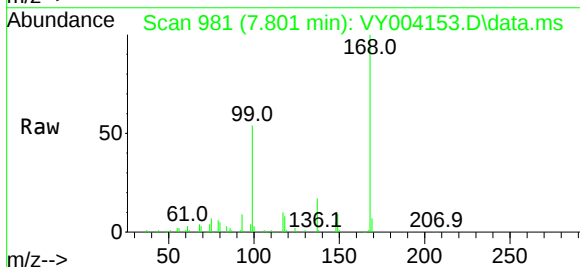
Instrument :
MSVOA_Y
ClientSampleId :

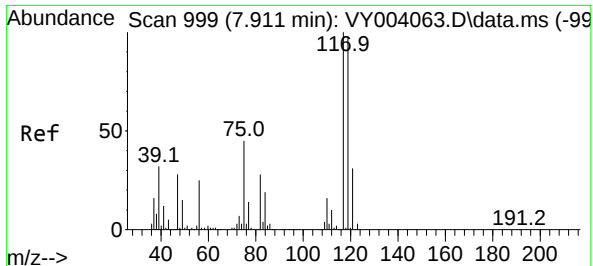
Tgt Ion:113 Resp: 101648
Ion Ratio Lower Upper
113 100
111 102.0 83.2 124.8
192 20.4 18.5 27.7



#36
1,1-Dichloropropene
Concen: 4.95 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004153.D
Acq: 22 Mar 2021 10:45

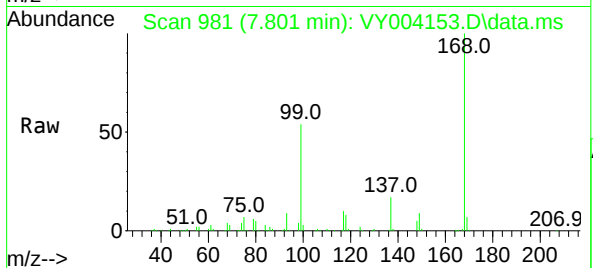
Tgt Ion: 75 Resp: 14570
Ion Ratio Lower Upper
75 100
110 9.7 17.4 52.3#
77 0.0 24.5 36.7#



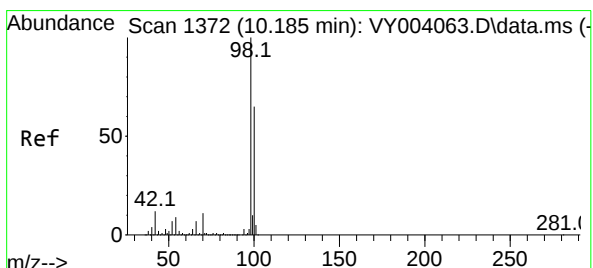
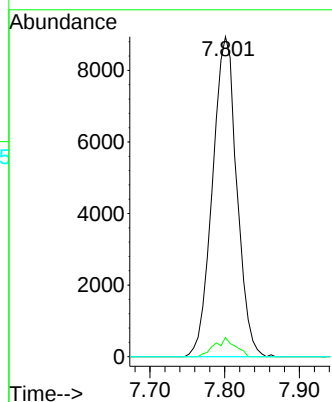
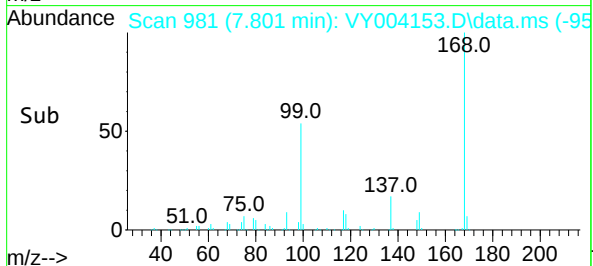


#38
Carbon Tetrachloride
Concen: 6.48 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004153.D
Acq: 22 Mar 2021 10:45

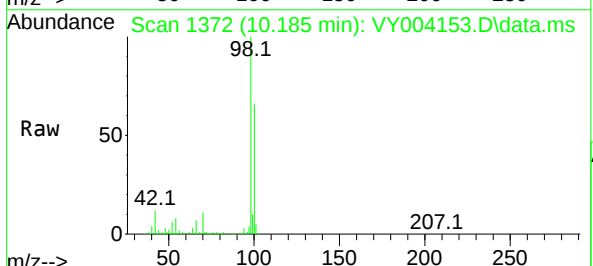
Instrument :
MSVOA_Y
ClientSampled :



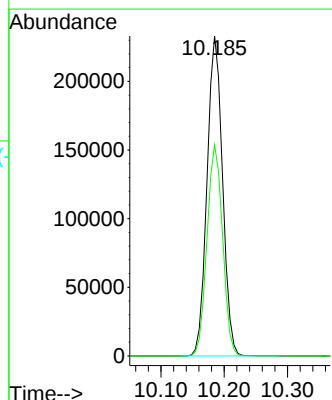
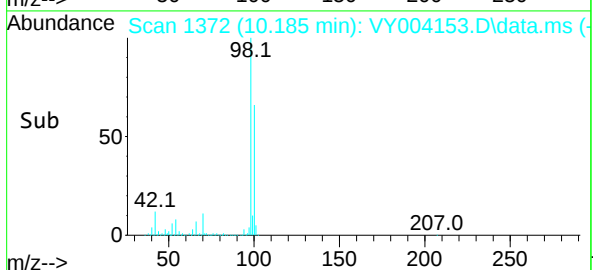
Tgt Ion:117 Resp: 20217
Ion Ratio Lower Upper
117 100
119 6.0 75.4 113.0#
121 0.0 24.2 36.2#

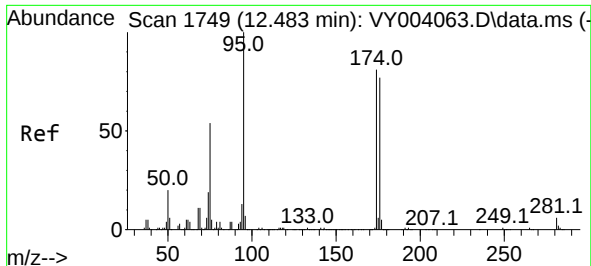


#50
Toluene-d8
Concen: 53.68 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004153.D
Acq: 22 Mar 2021 10:45



Tgt Ion: 98 Resp: 397358
Ion Ratio Lower Upper
98 100
100 66.4 51.8 77.6

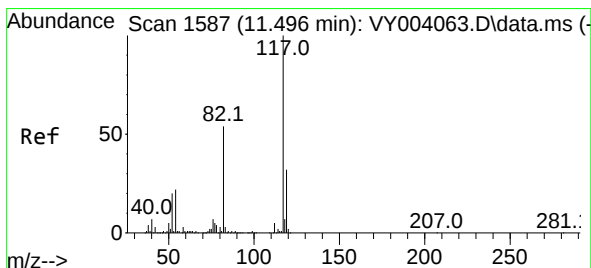
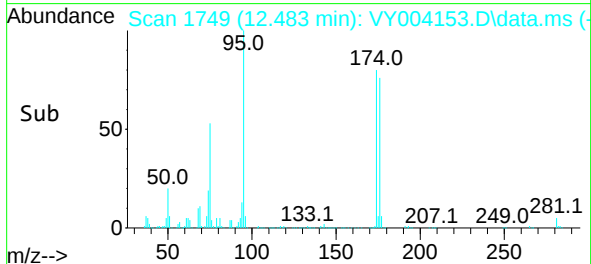
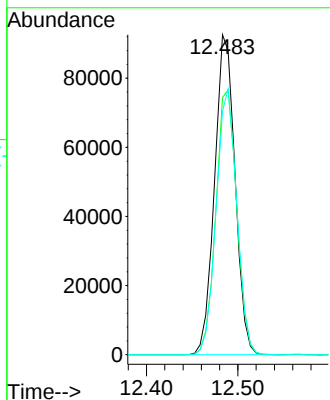
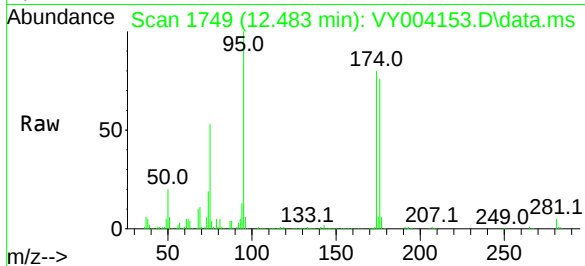




#62
4-Bromofluorobenzene
Concen: 52.67 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004153.D
Acq: 22 Mar 2021 10:45

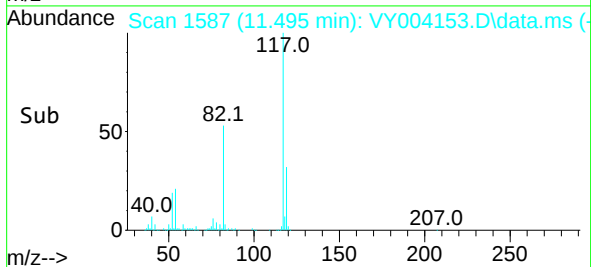
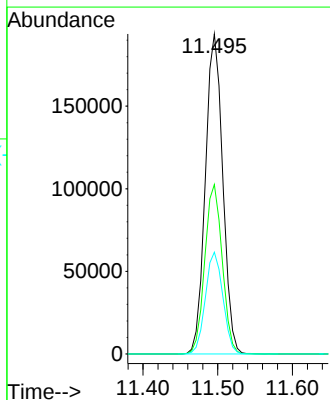
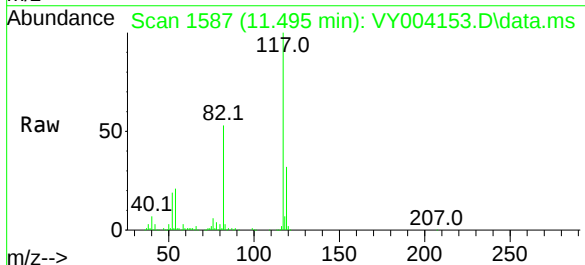
Instrument :
MSVOA_Y
ClientSampleId :

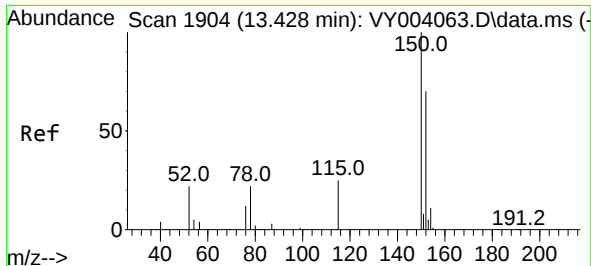
Tgt Ion: 95 Resp: 143979
Ion Ratio Lower Upper
95 100
174 84.6 0.0 179.0
176 83.3 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004153.D
Acq: 22 Mar 2021 10:45

Tgt Ion: 117 Resp: 312494
Ion Ratio Lower Upper
117 100
82 52.9 43.8 65.6
119 31.8 26.2 39.2

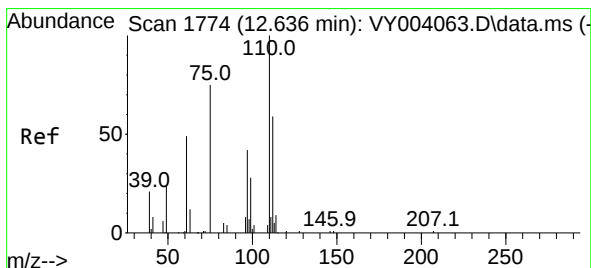
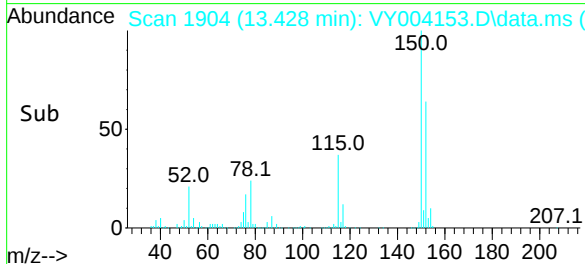
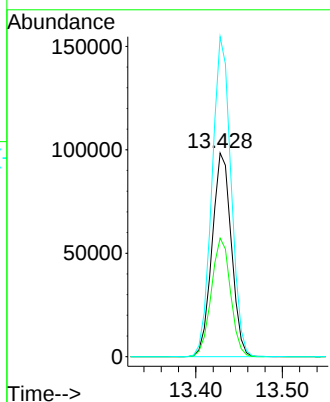
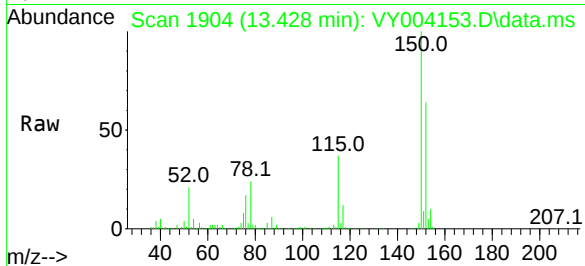




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004153.D
Acq: 22 Mar 2021 10:45

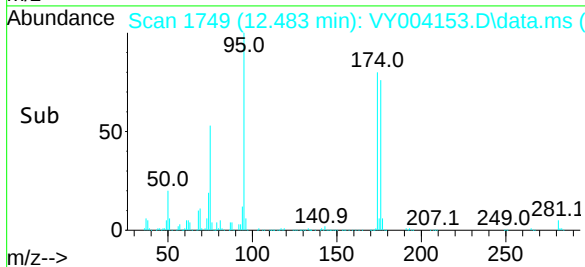
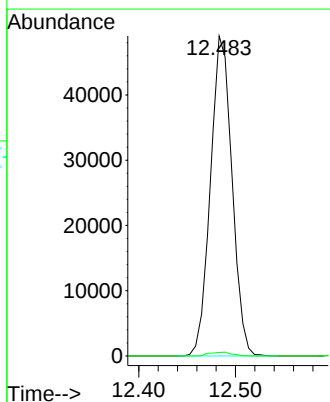
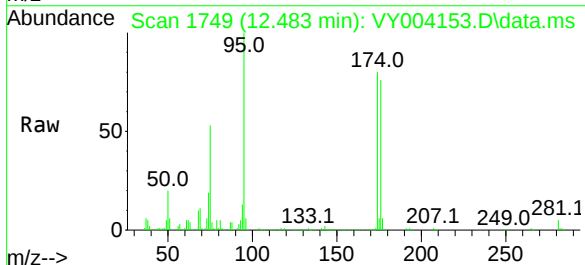
Instrument :
MSVOA_Y
ClientSampled :

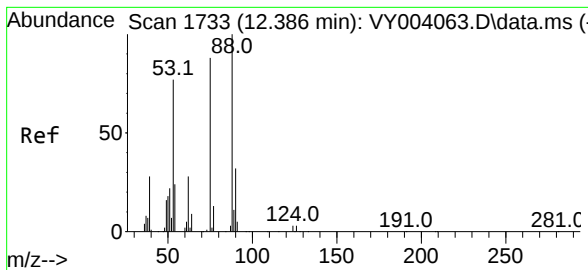
Tgt Ion:152 Resp: 152086
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.6
150 154.9 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 52.10 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004153.D
Acq: 22 Mar 2021 10:45

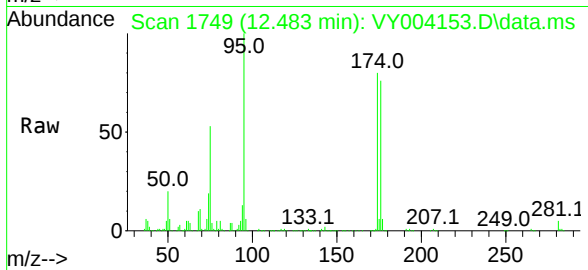
Tgt Ion: 75 Resp: 75973
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.82 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004153.D
 Acq: 22 Mar 2021 10:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 75973
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.5 110.3#
 89 0.1 35.7 53.5#

