

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
 Data File : VY004181.D
 Acq On : 24 Mar 2021 12:28
 Operator : SY/MD
 Sample : M1773-01
 Misc : 6.31g/5mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 25 01:18:36 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	200460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	340113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	319192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152509	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	116609	58.95	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.90%
35) Dibromofluoromethane	7.728	113	104378	54.42	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.84%
50) Toluene-d8	10.185	98	405946	53.99	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.98%
62) 4-Bromofluorobenzene	12.483	95	146145	52.63	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.26%

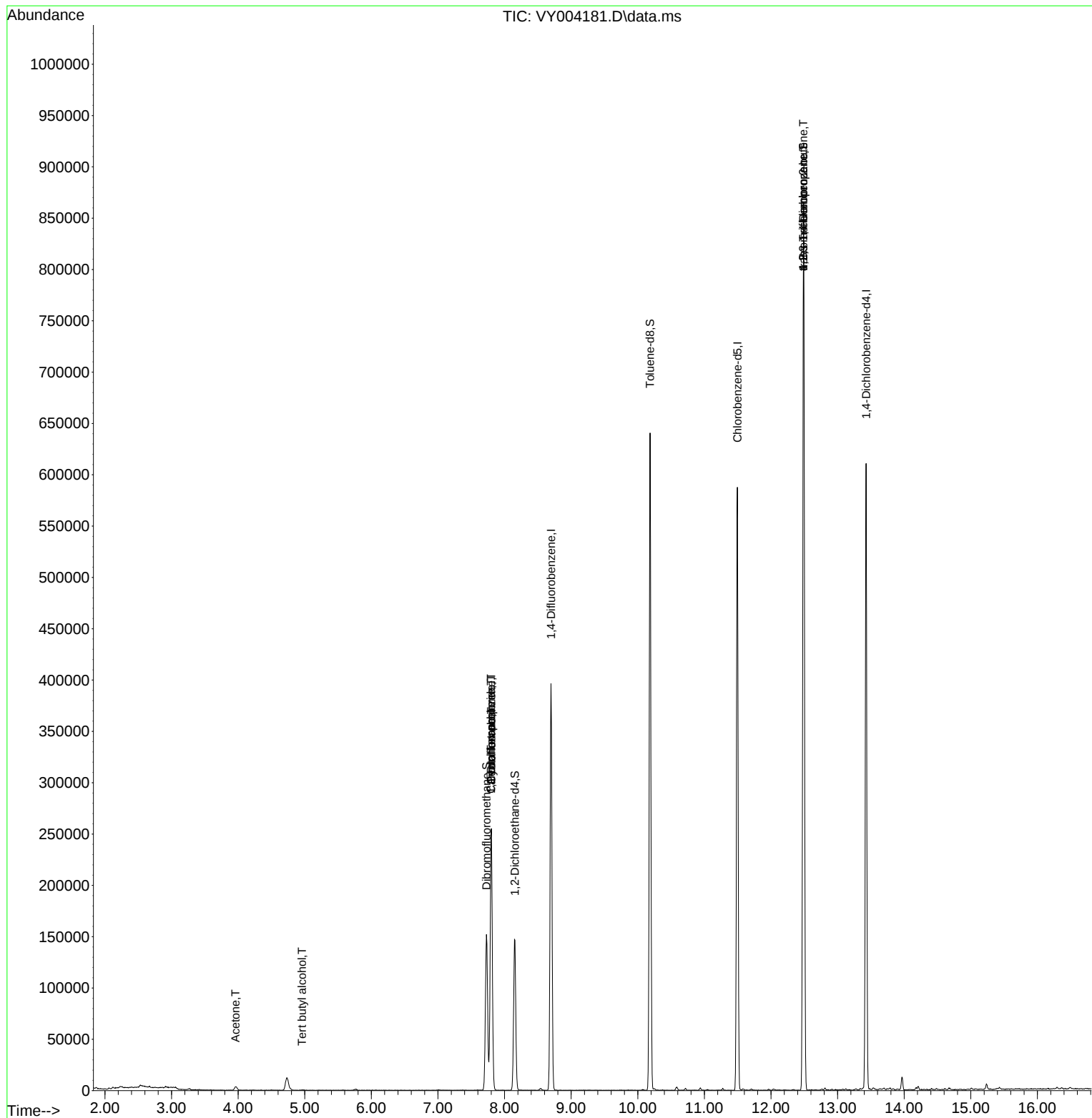
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.912	85	42	Below Cal	#	41
3) Chloromethane	2.119	50	815	Below Cal		99
11) Tert butyl alcohol	4.960	59	768	4.29	ug/l #	76
16) Acetone	3.960	43	6453	13.51	ug/l	95
20) Methylene Chloride	4.729	84	9445	Below Cal		94
31) Cyclohexane	7.801	56	3934	1.13	ug/l #	14
36) 1,1-Dichloropropene	7.795	75	14599	4.89	ug/l #	50
38) Carbon Tetrachloride	7.795	117	19606	6.18	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	80667	55.16	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80667	108.87	ug/l #	14

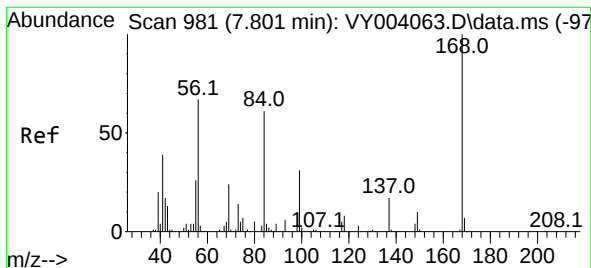
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
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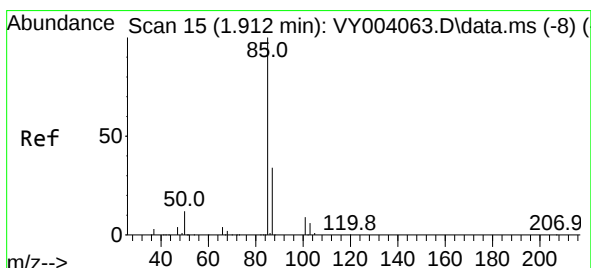
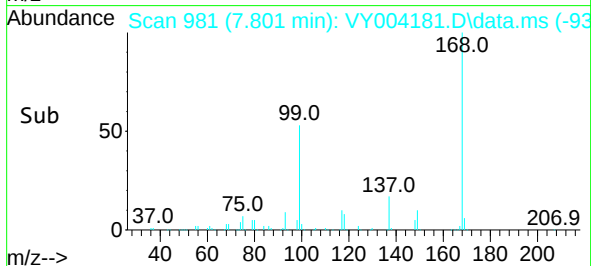
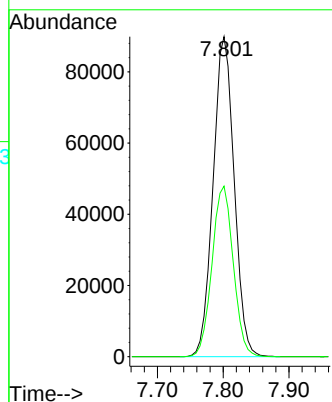
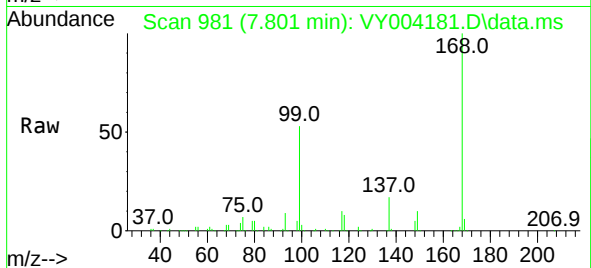




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004181.D
Acq: 24 Mar 2021 12:28

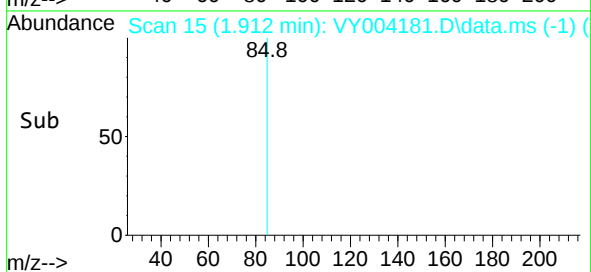
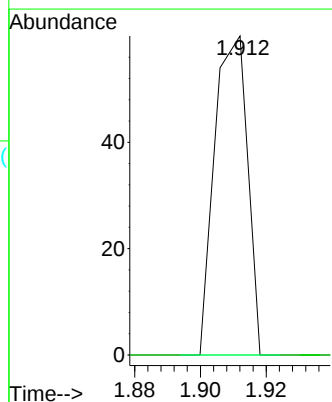
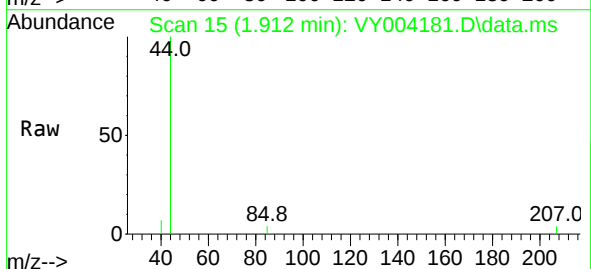
Instrument :
MSVOA_Y
ClientSampled :

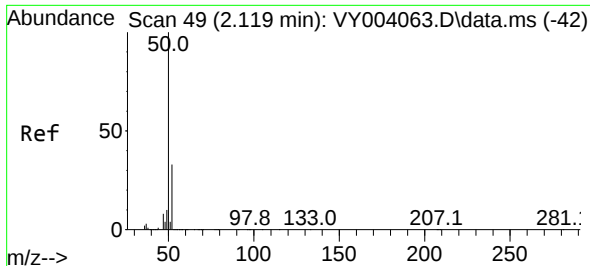
Tgt Ion:168 Resp: 200460
Ion Ratio Lower Upper
168 100
99 53.3 41.2 61.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY004181.D
Acq: 24 Mar 2021 12:28

Tgt Ion: 85 Resp: 42
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#

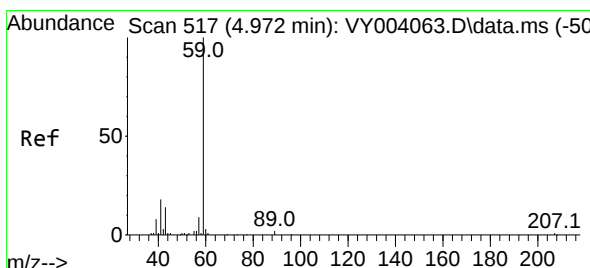
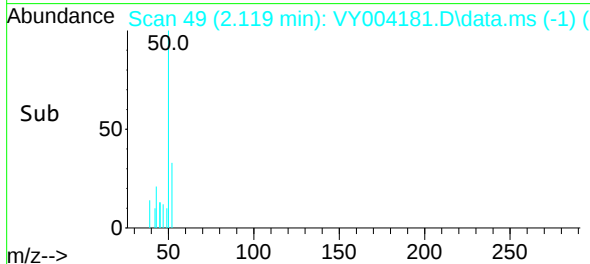
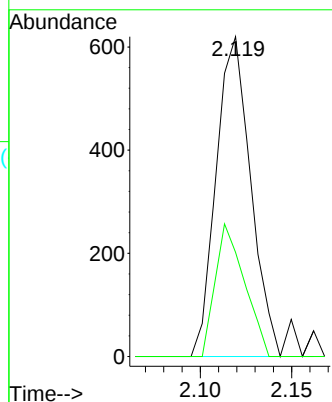
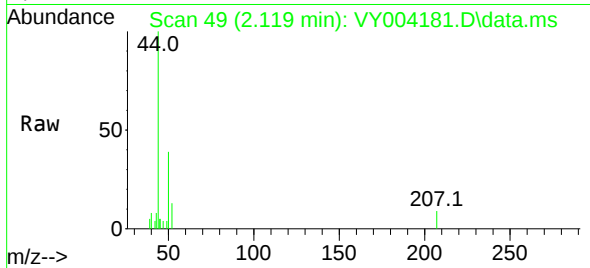




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004181.D
Acq: 24 Mar 2021 12:28

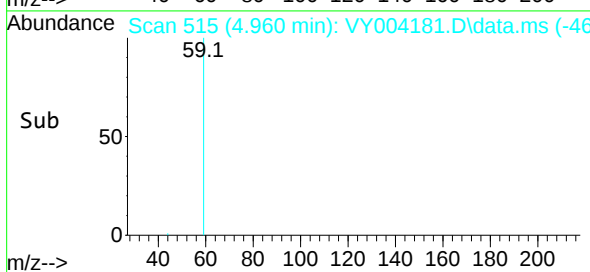
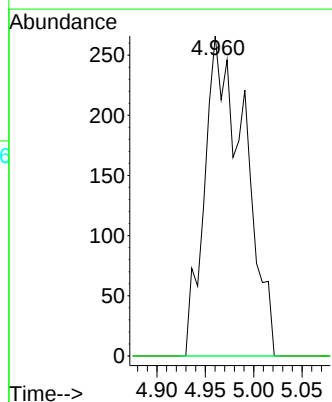
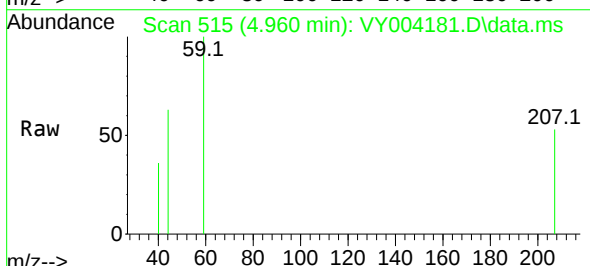
Instrument :
MSVOA_Y
ClientSampled :

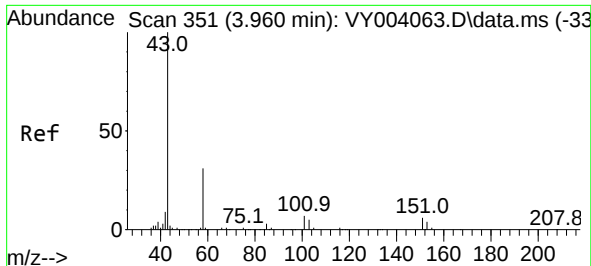
Tgt Ion: 50 Resp: 815
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2



#11
Tert butyl alcohol
Concen: 4.29 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004181.D
Acq: 24 Mar 2021 12:28

Tgt Ion: 59 Resp: 768
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

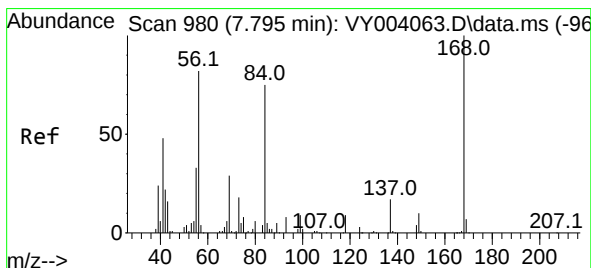
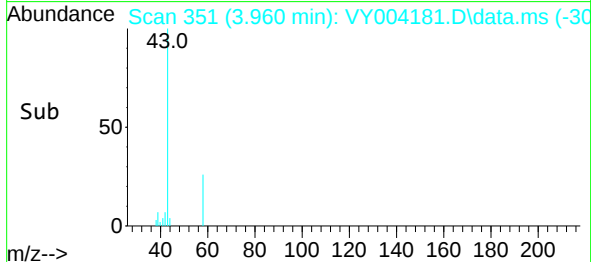
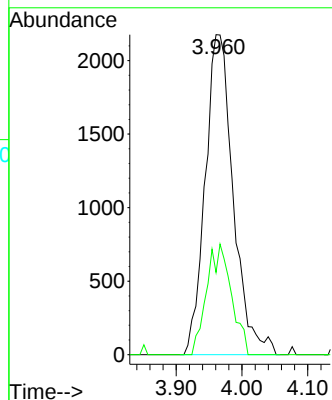
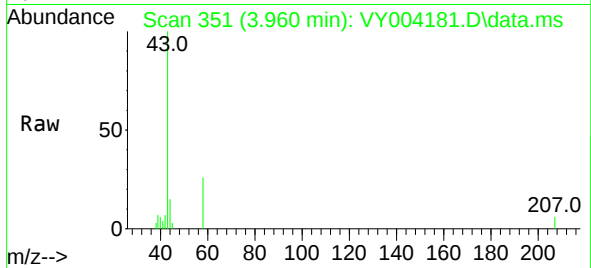




#16
Acetone
Concen: 13.51 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004181.D
Acq: 24 Mar 2021 12:28

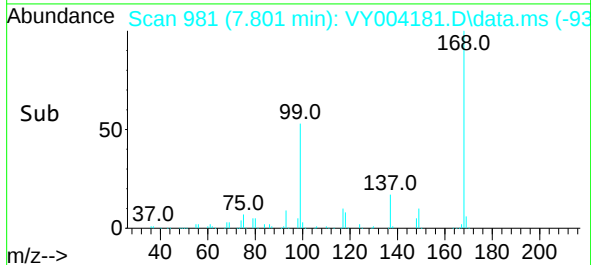
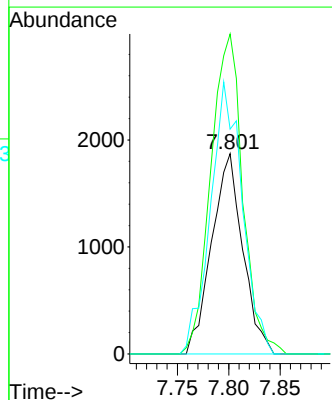
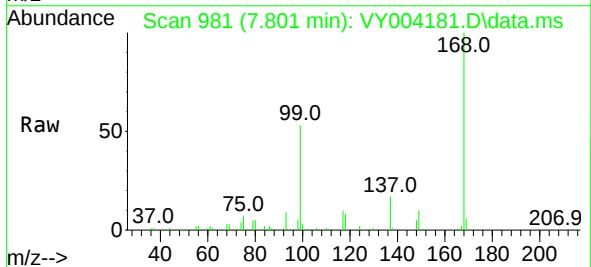
Instrument :
MSVOA_Y
ClientSampled :

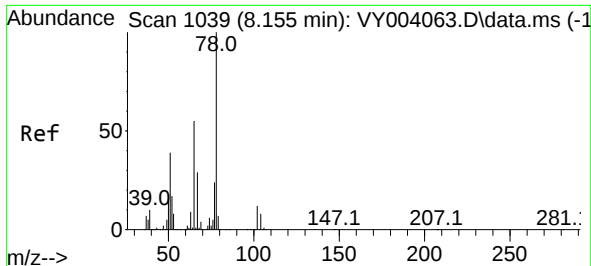
Tgt Ion: 43 Resp: 6453
Ion Ratio Lower Upper
43 100
58 25.7 22.6 34.0



#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004181.D
Acq: 24 Mar 2021 12:28

Tgt Ion: 56 Resp: 3934
Ion Ratio Lower Upper
56 100
69 159.7 25.3 37.9#
84 112.2 67.3 100.9#

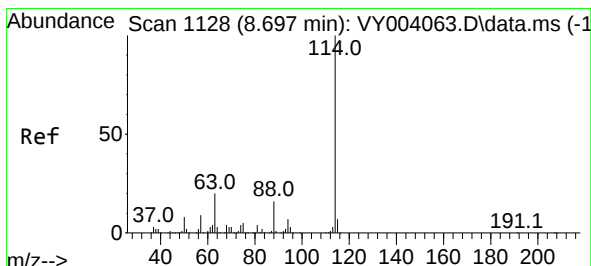
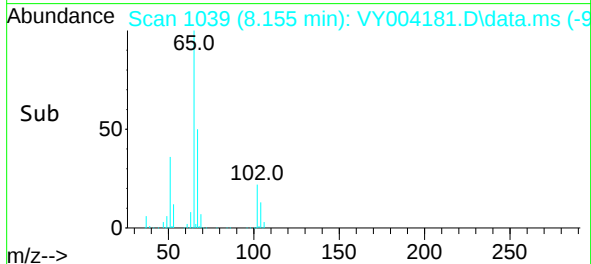
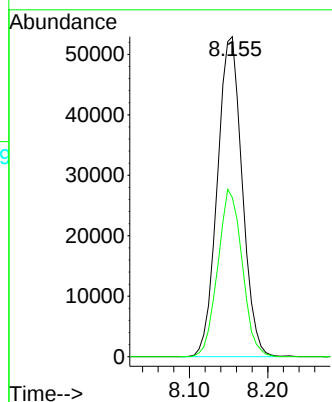
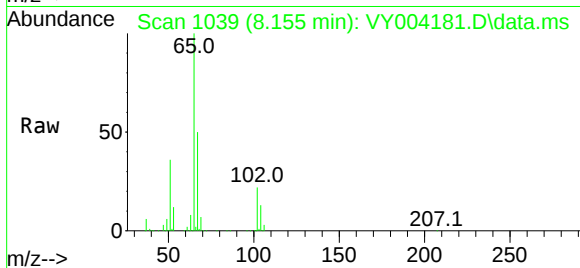




#33
 1,2-Dichloroethane-d4
 Concen: 58.95 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY004181.D
 Acq: 24 Mar 2021 12:28

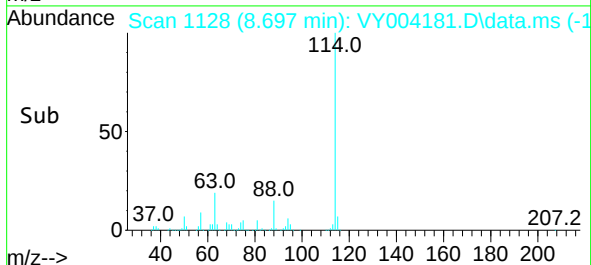
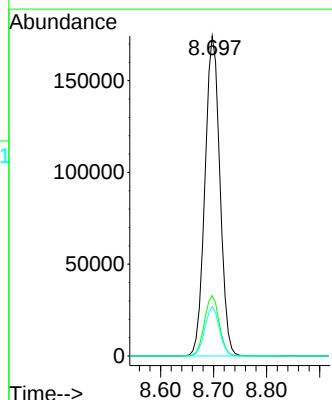
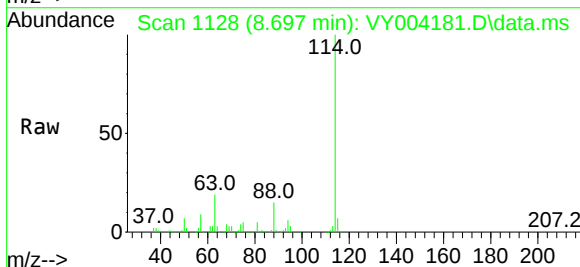
Instrument :
 MSVOA_Y
 ClientSampled :

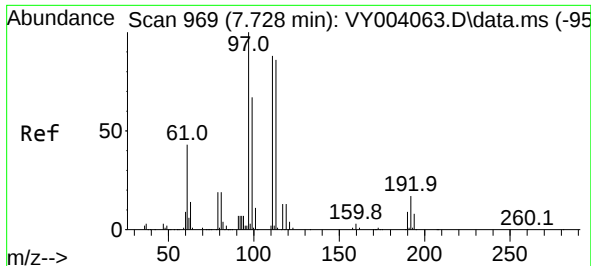
Tgt Ion: 65 Resp: 116609
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004181.D
 Acq: 24 Mar 2021 12:28

Tgt Ion:114 Resp: 340113
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 41.6
 88 15.4 0.0 31.4

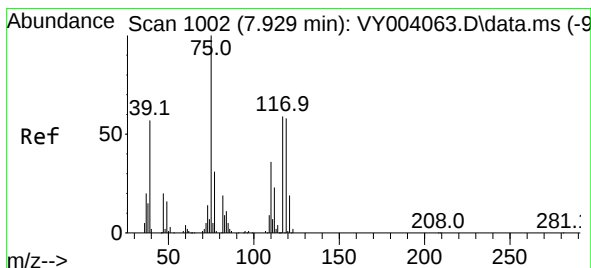
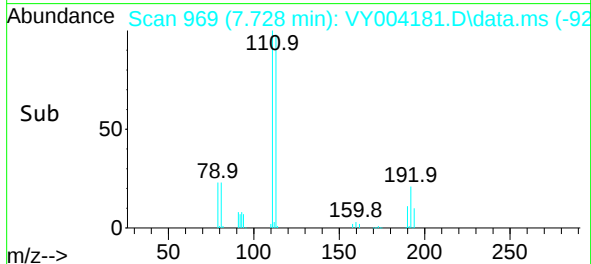
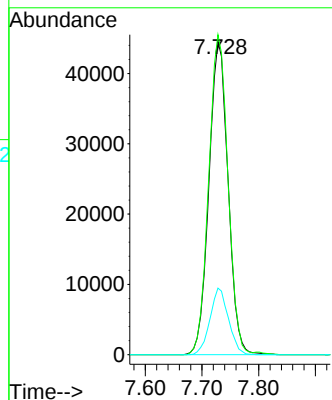
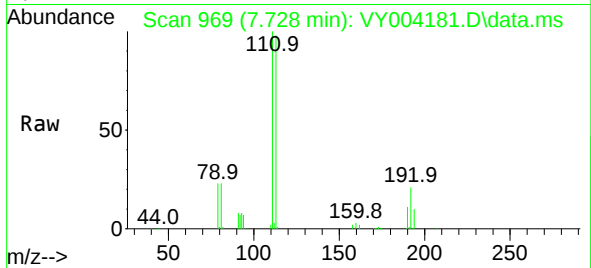




#35
Dibromofluoromethane
Concen: 54.42 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004181.D
Acq: 24 Mar 2021 12:28

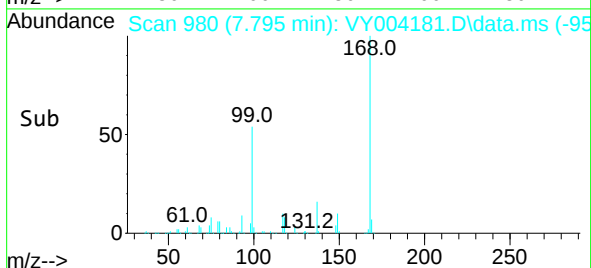
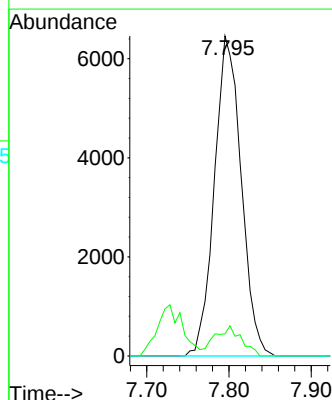
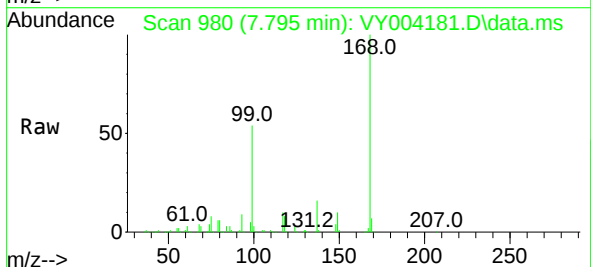
Instrument :
MSVOA_Y
ClientSampleId :

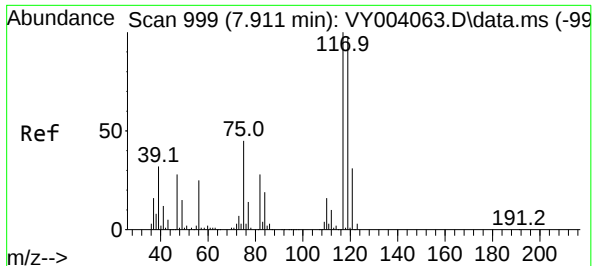
Tgt Ion:113 Resp: 104378
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 20.5 18.5 27.7



#36
1,1-Dichloropropene
Concen: 4.89 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004181.D
Acq: 24 Mar 2021 12:28

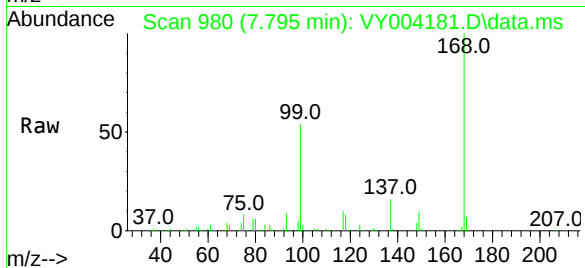
Tgt Ion: 75 Resp: 14599
Ion Ratio Lower Upper
75 100
110 9.4 17.4 52.3#
77 0.0 24.5 36.7#



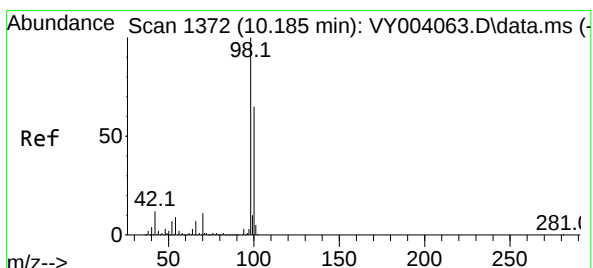
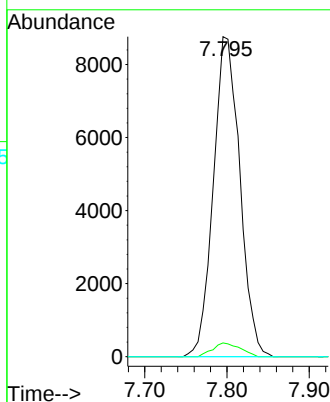
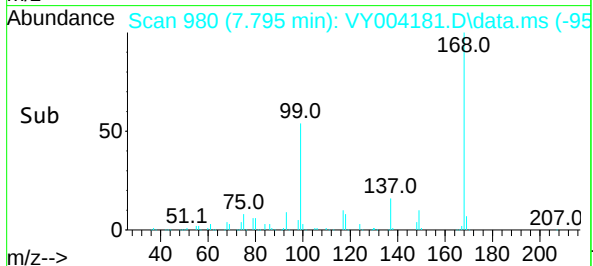


#38
Carbon Tetrachloride
Concen: 6.18 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004181.D
Acq: 24 Mar 2021 12:28

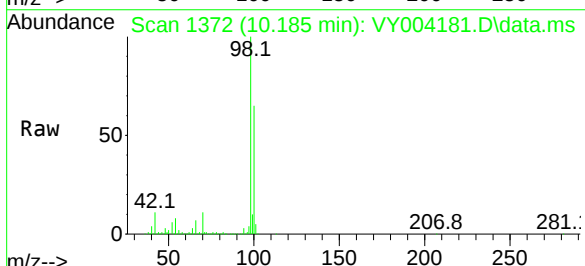
Instrument :
MSVOA_Y
ClientSampleId :



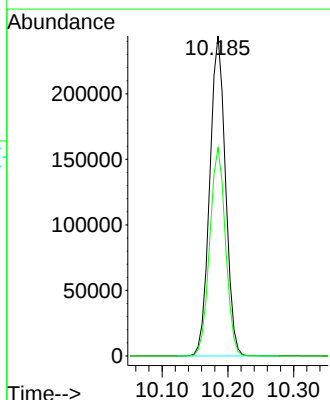
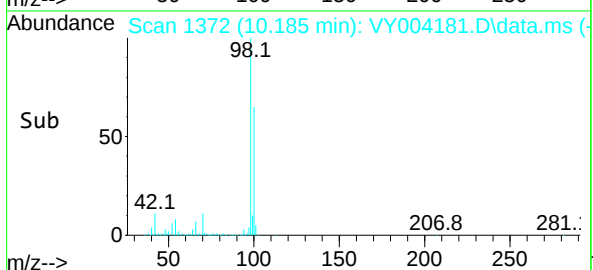
Tgt Ion:117 Resp: 19606
Ion Ratio Lower Upper
117 100
119 4.3 75.4 113.0#
121 0.0 24.2 36.2#

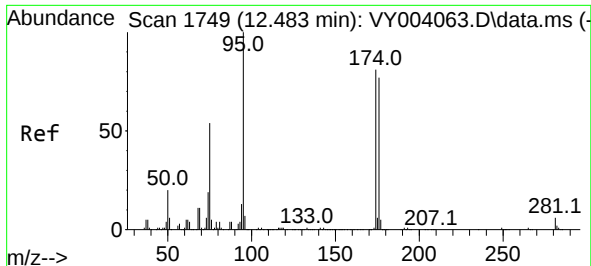


#50
Toluene-d8
Concen: 53.99 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004181.D
Acq: 24 Mar 2021 12:28



Tgt Ion: 98 Resp: 405946
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6

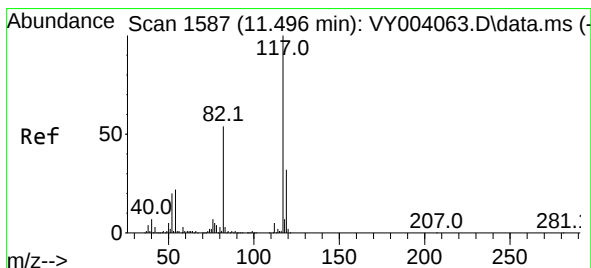
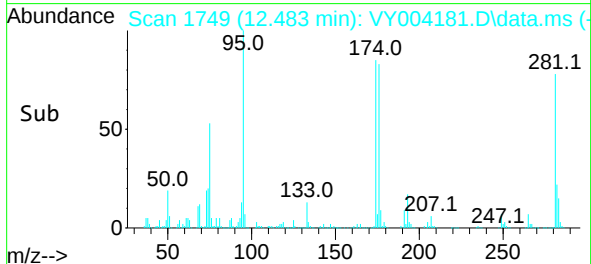
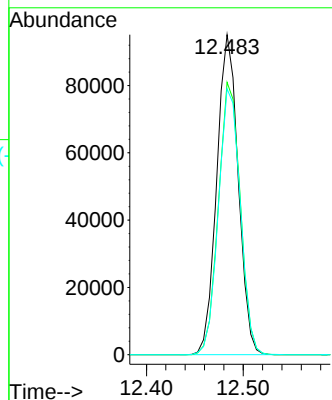
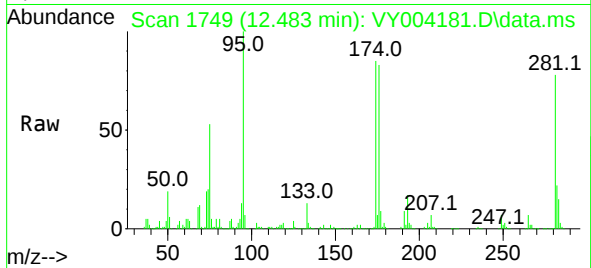




#62
4-Bromofluorobenzene
Concen: 52.63 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004181.D
Acq: 24 Mar 2021 12:28

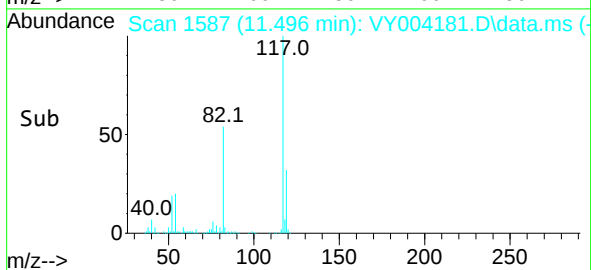
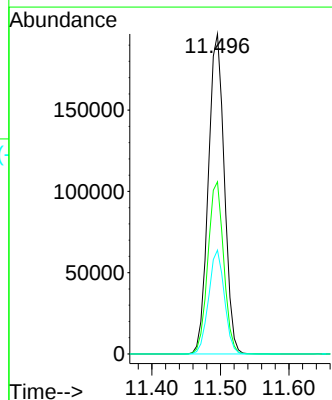
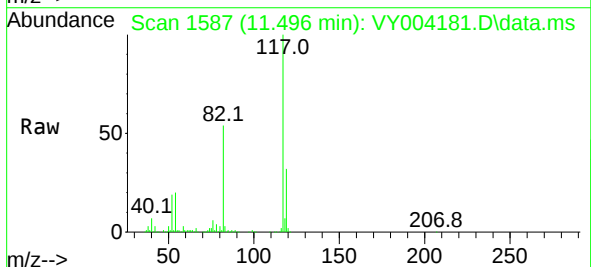
Instrument :
MSVOA_Y
ClientSampleId :

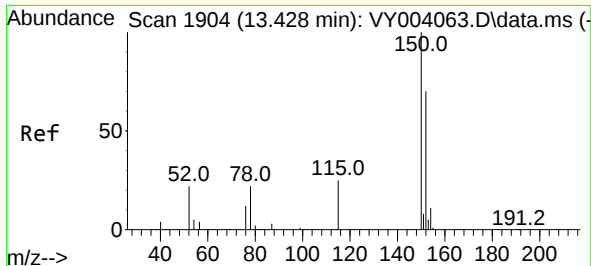
Tgt Ion: 95 Resp: 146145
Ion Ratio Lower Upper
95 100
174 86.3 0.0 179.0
176 85.1 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004181.D
Acq: 24 Mar 2021 12:28

Tgt Ion: 117 Resp: 319192
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.6
119 32.4 26.2 39.2

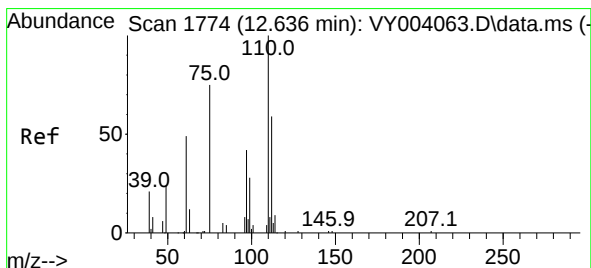
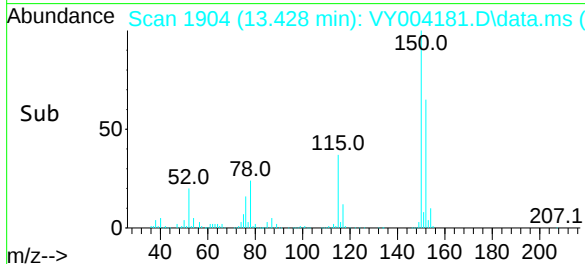
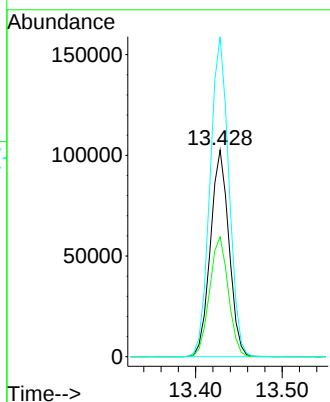
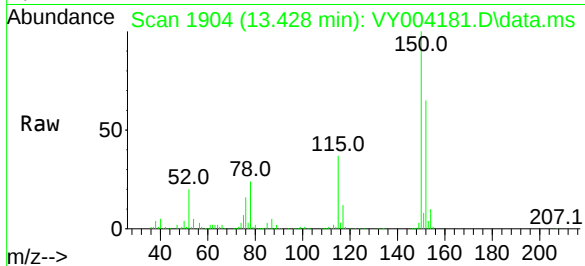




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004181.D
 Acq: 24 Mar 2021 12:28

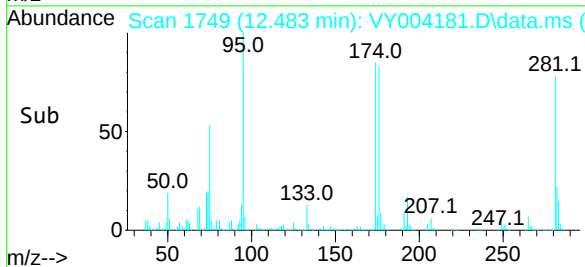
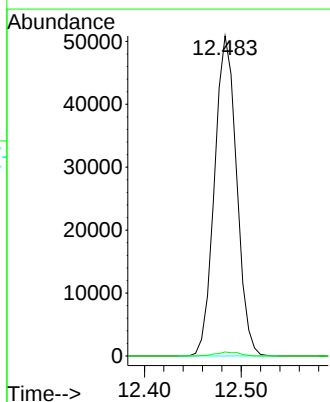
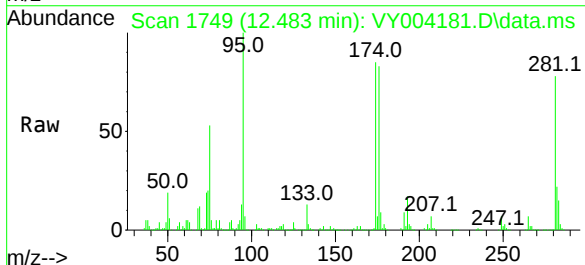
Instrument :
 MSVOA_Y
 ClientSampled :

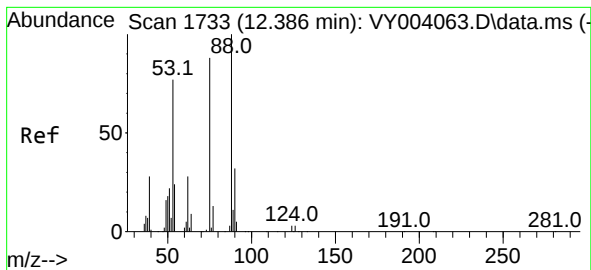
Tgt Ion:152 Resp: 152509
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.2 84.6
 150 157.3 0.0 347.2



#76
 1,2,3-Trichloropropane
 Concen: 55.16 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004181.D
 Acq: 24 Mar 2021 12:28

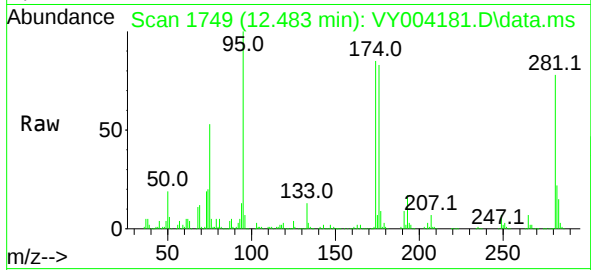
Tgt Ion: 75 Resp: 80667
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.87 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004181.D
 Acq: 24 Mar 2021 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 80667
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.5 110.3#
 89 1.7 35.7 53.5#

