

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004451.D
 Acq On : 15 Apr 2021 19:14
 Operator : SY/MD
 Sample : M2048-15
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 16 05:06:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

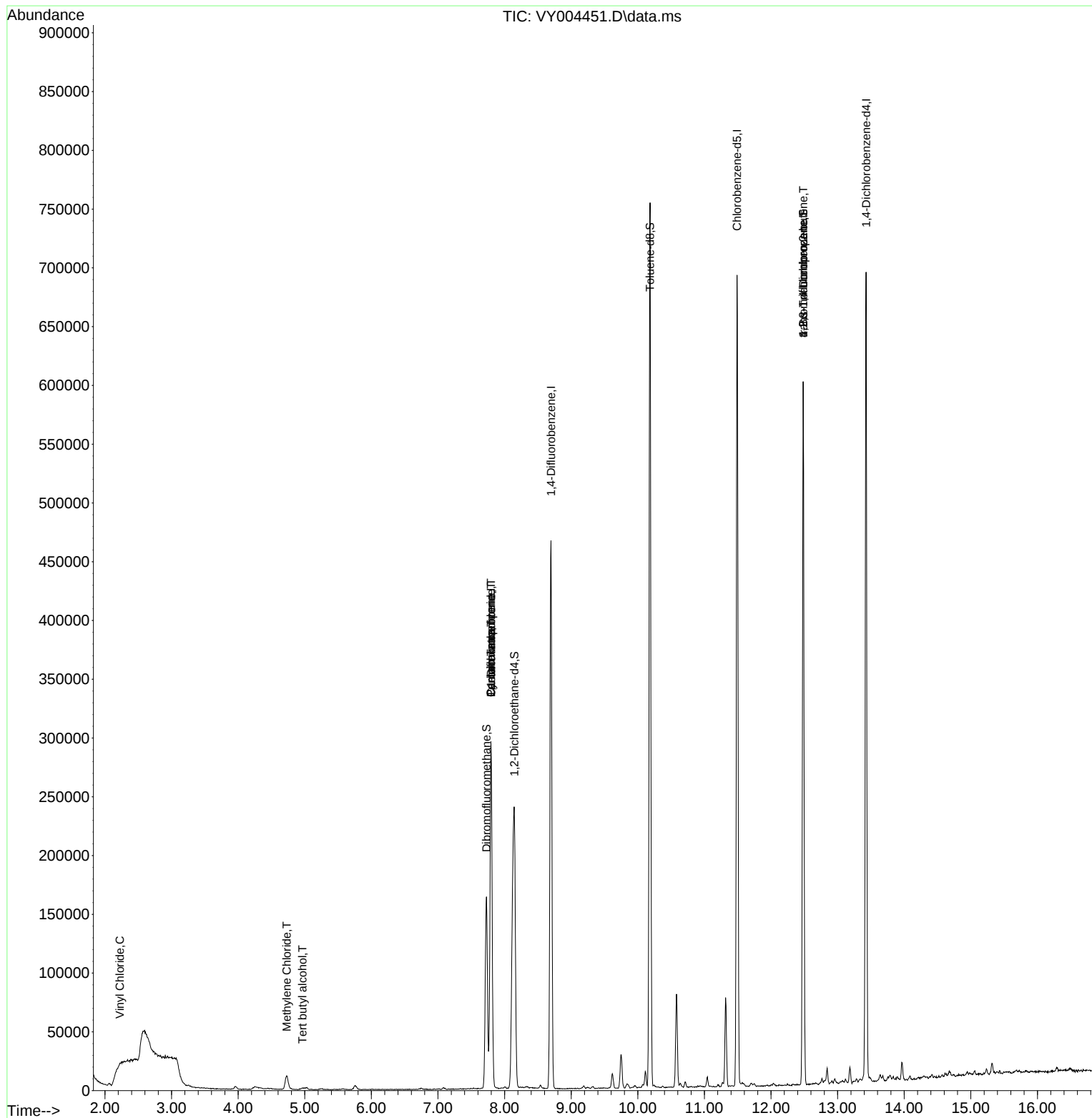
Internal Standards						
1) Pentafluorobenzene	7.795	168	221676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	386439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	360516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	140763	57.15	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.30%
35) Dibromofluoromethane	7.728	113	113973	53.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.30%
50) Toluene-d8	10.185	98	469883	51.51	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.02%
62) 4-Bromofluorobenzene	12.483	95	166992	53.95	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.90%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.223	62	15108	4.82	ug/l #	43
11) Tert butyl alcohol	4.966	59	2831	11.66	ug/l #	85
16) Acetone	3.960	43	4148	Below Cal		91
20) Methylene Chloride	4.728	84	8605	3.62	ug/l	98
31) Cyclohexane	7.795	56	5083	1.13	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	17901	4.66	ug/l #	51
38) Carbon Tetrachloride	7.795	117	22751	6.85	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	90673	50.14	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	90673	89.70	ug/l #	12

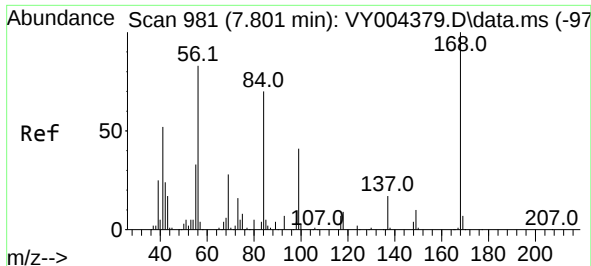
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 16 05:06:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

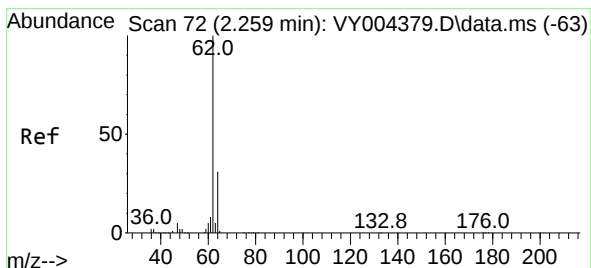
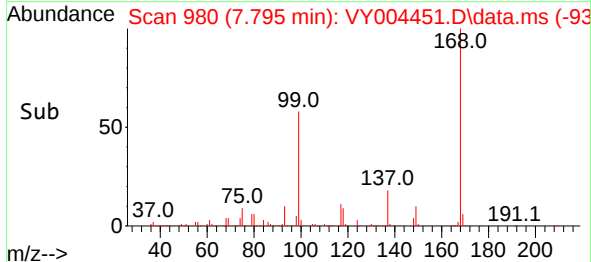
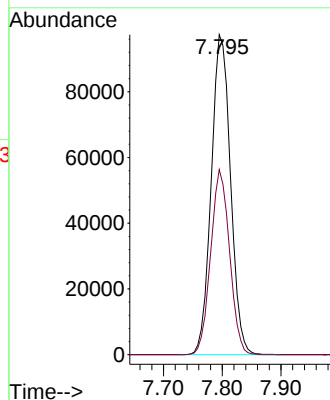
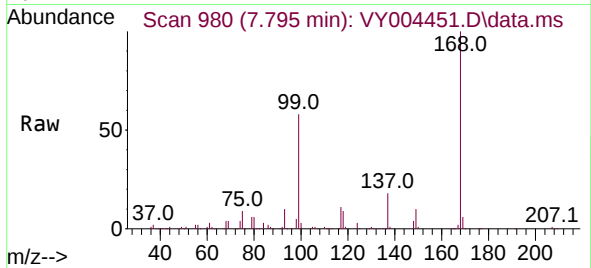




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

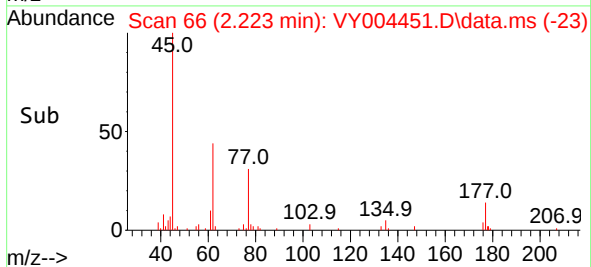
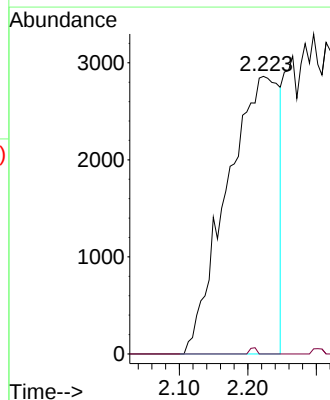
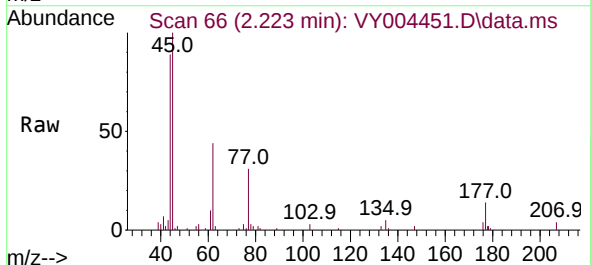
Instrument :
MSVOA_Y
ClientSampleId :

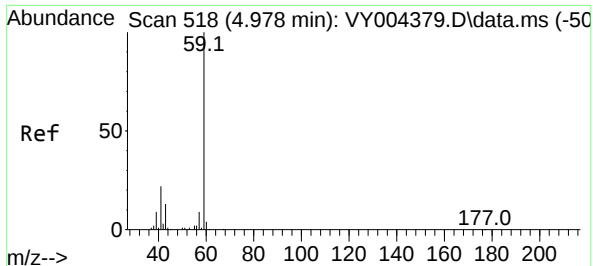
Tgt Ion:168 Resp: 221676
Ion Ratio Lower Upper
168 100
99 57.9 45.5 68.3



#4
Vinyl Chloride
Concen: 4.82 ug/l
RT: 2.223 min Scan# 66
Delta R.T. -0.036 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

Tgt Ion: 62 Resp: 15108
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



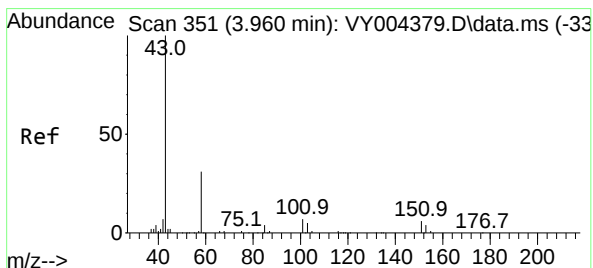
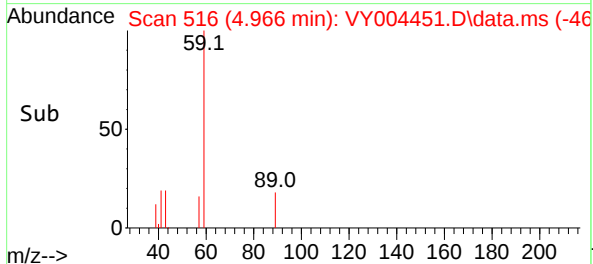
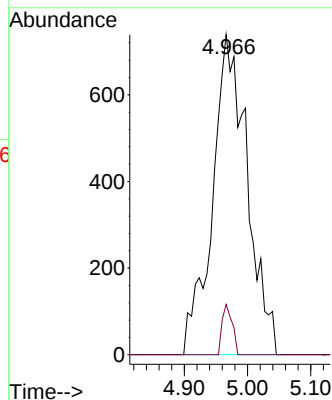
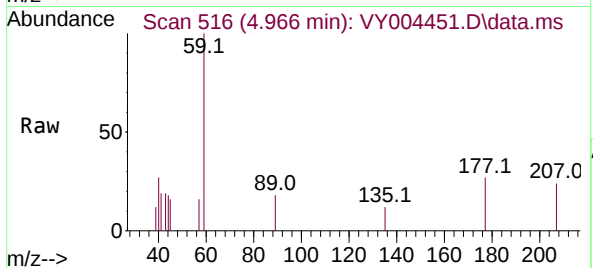


#11

Tert butyl alcohol
Concen: 11.66 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

Instrument :
MSVOA_Y
ClientSampled :

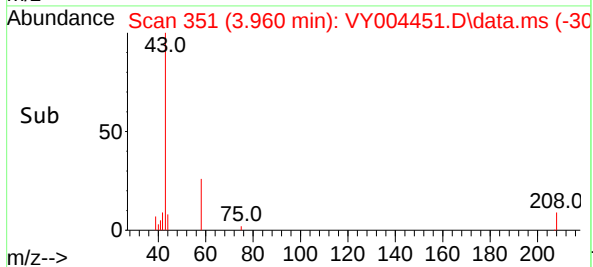
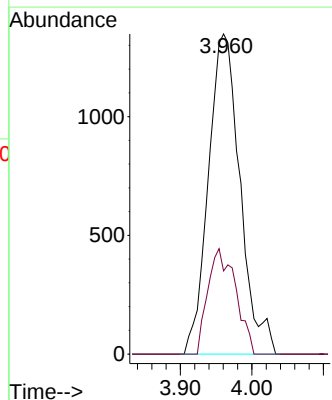
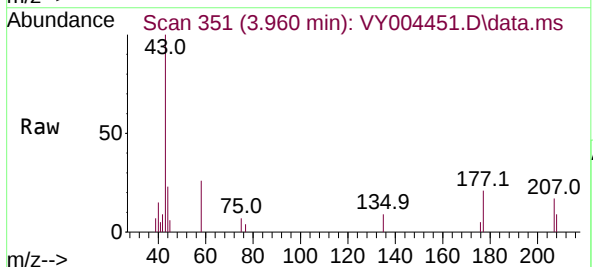
Tgt Ion: 59 Resp: 2831
Ion Ratio Lower Upper
59 100
57 4.5 8.1 12.1#

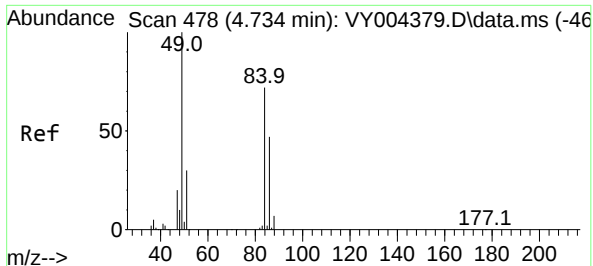


#16

Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

Tgt Ion: 43 Resp: 4148
Ion Ratio Lower Upper
43 100
58 26.0 24.6 37.0





#20

Methylene Chloride

Concen: 3.62 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.006 min

Lab File: VY004451.D

Acq: 15 Apr 2021 19:14

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 8605

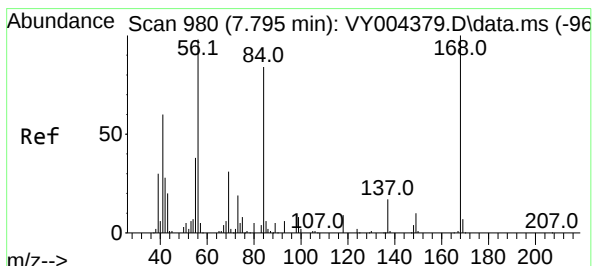
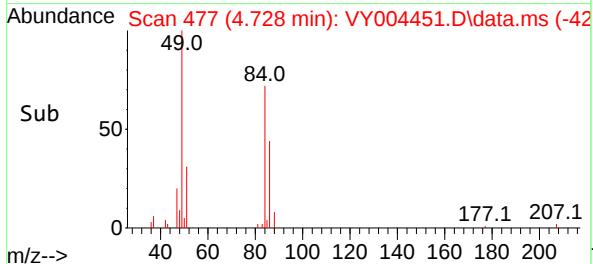
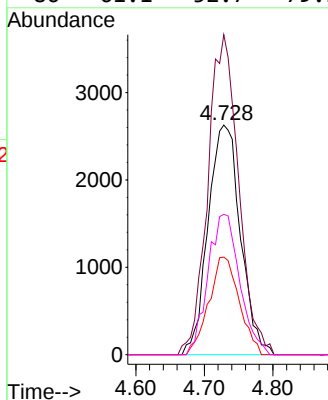
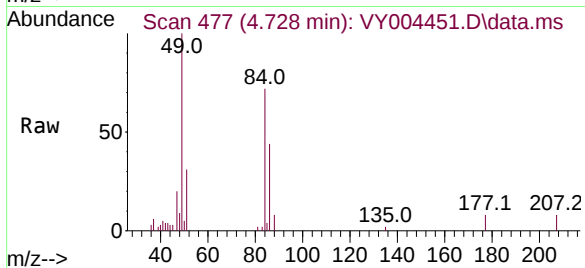
Ion Ratio Lower Upper

84 100

49 139.3 111.2 166.8

51 42.5 33.4 50.2

86 61.1 52.7 79.1



#31

Cyclohexane

Concen: 1.13 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY004451.D

Acq: 15 Apr 2021 19:14

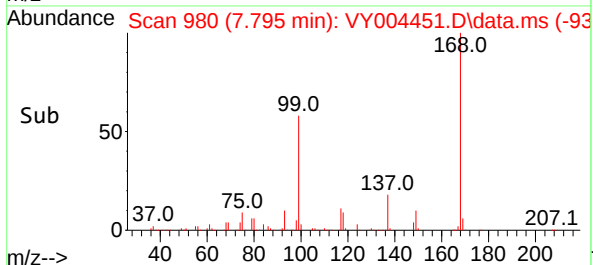
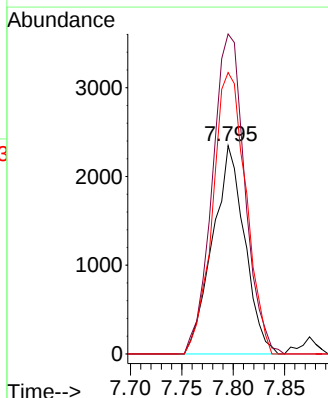
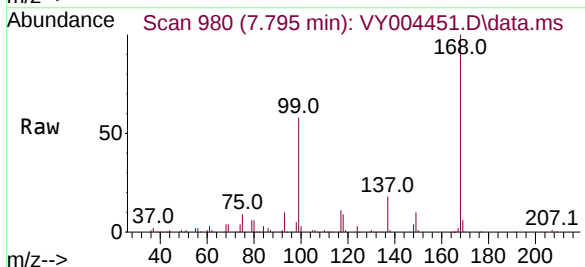
Tgt Ion: 56 Resp: 5083

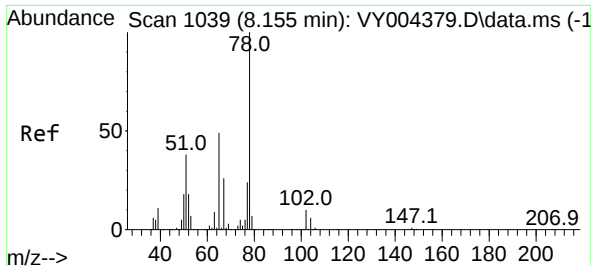
Ion Ratio Lower Upper

56 100

69 153.6 25.8 38.6#

84 135.2 68.2 102.4#

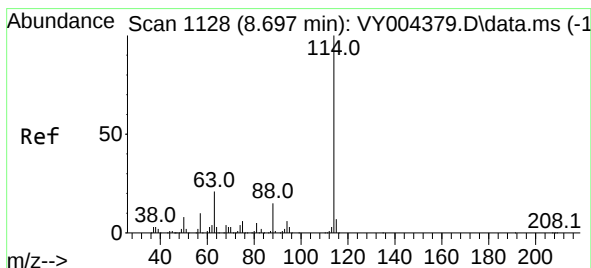
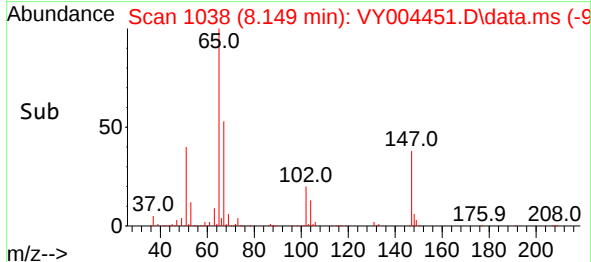
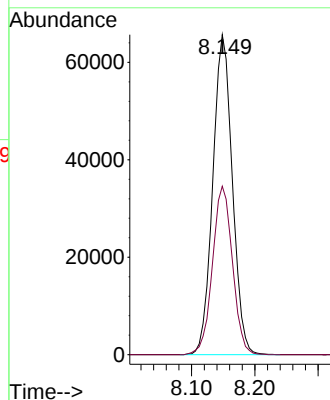
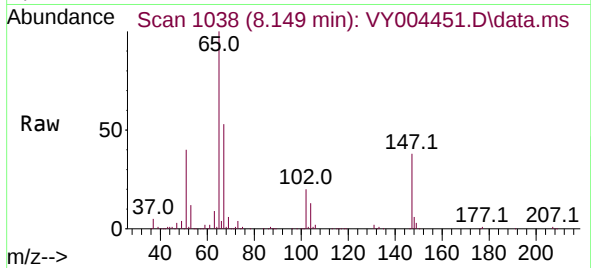




#33
1,2-Dichloroethane-d4
Concen: 57.15 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

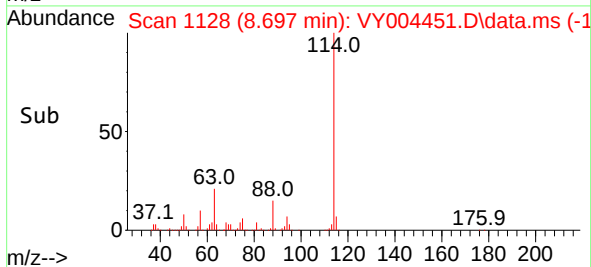
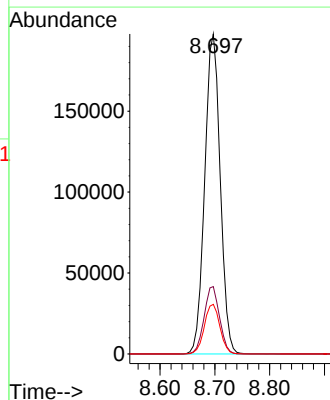
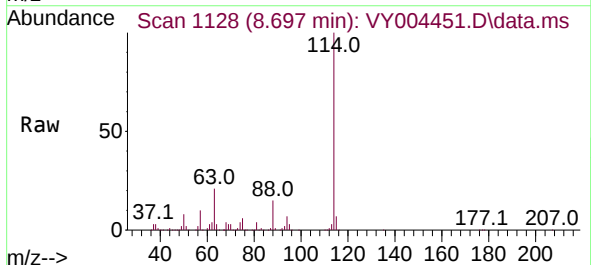
Instrument :
MSVOA_Y
ClientSampleId :

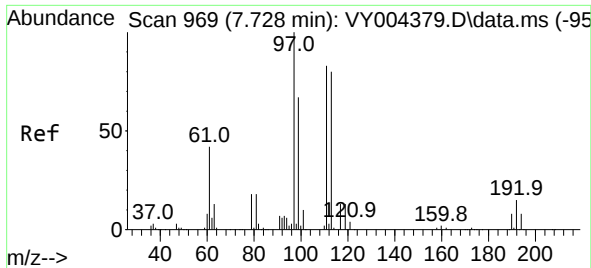
Tgt Ion: 65 Resp: 140763
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

Tgt Ion:114 Resp: 386439
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 15.5 0.0 30.8

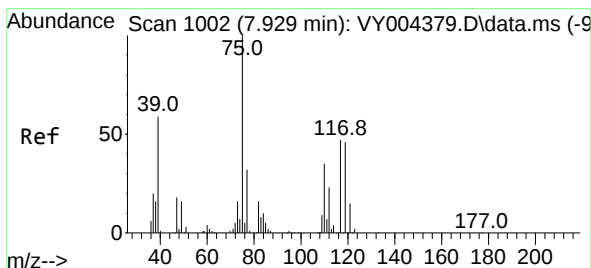
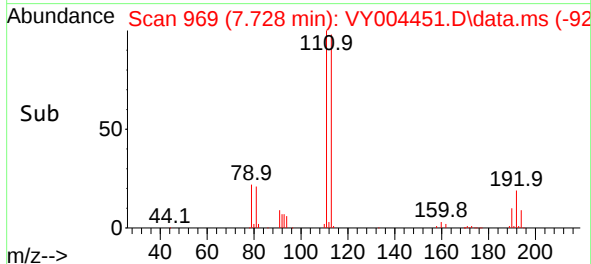
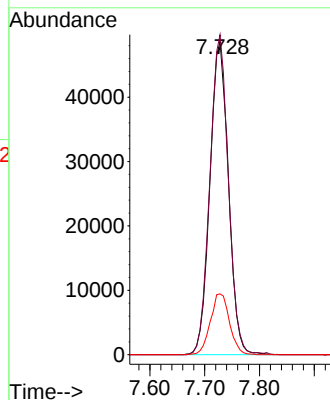
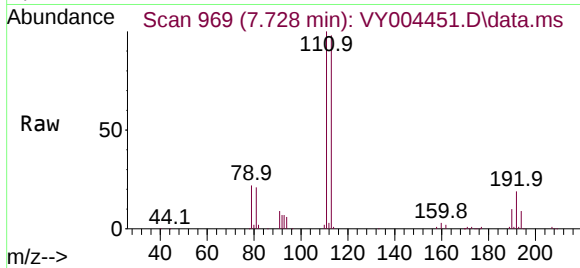




#35
Dibromofluoromethane
Concen: 53.15 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

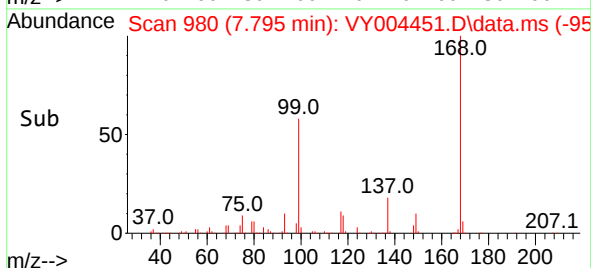
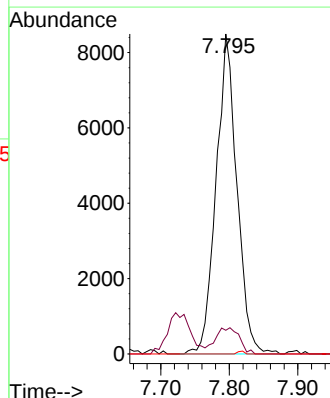
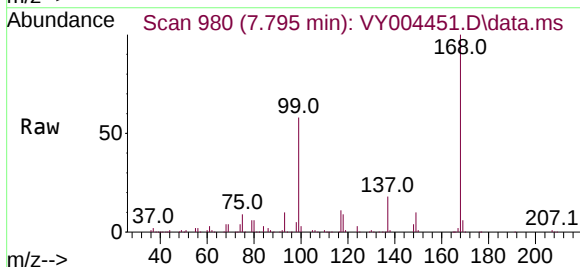
Instrument :
MSVOA_Y
ClientSampleId :

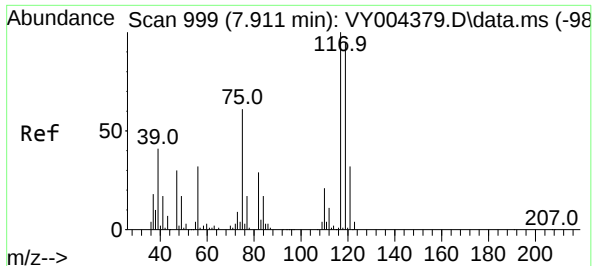
Tgt Ion:113 Resp: 113973
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 20.1 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

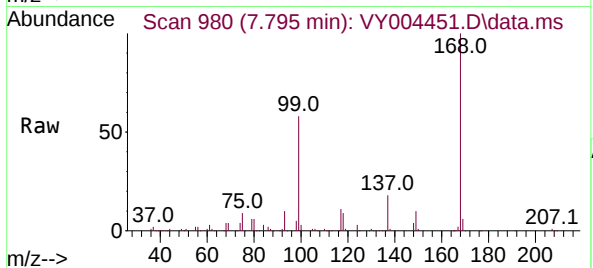
Tgt Ion: 75 Resp: 17901
Ion Ratio Lower Upper
75 100
110 9.4 17.3 51.7#
77 0.0 24.3 36.5#



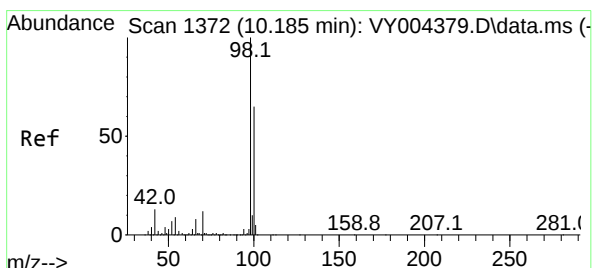
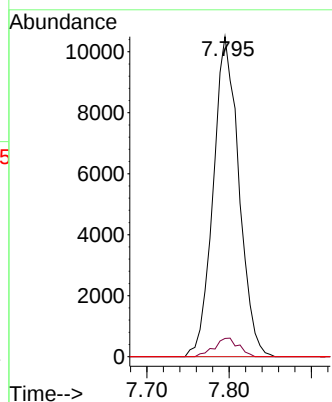
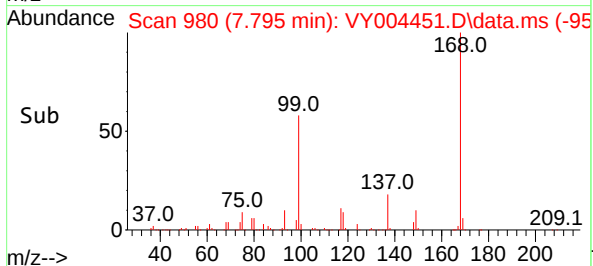


#38
Carbon Tetrachloride
Concen: 6.85 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

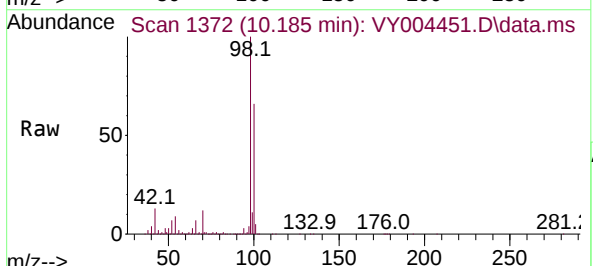
Instrument :
MSVOA_Y
ClientSampleId :



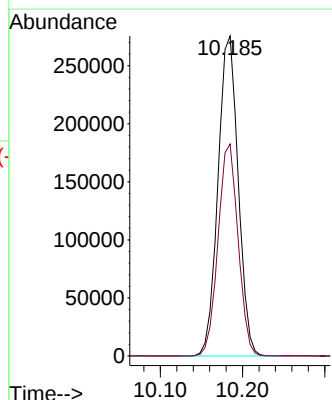
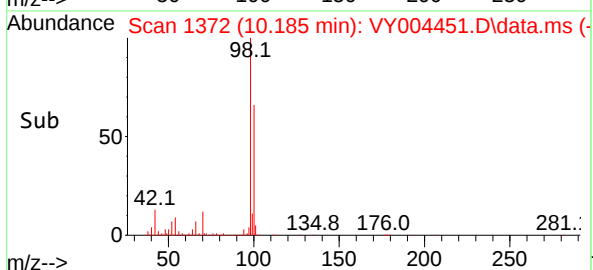
Tgt Ion:117 Resp: 22751
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 25.3 37.9#

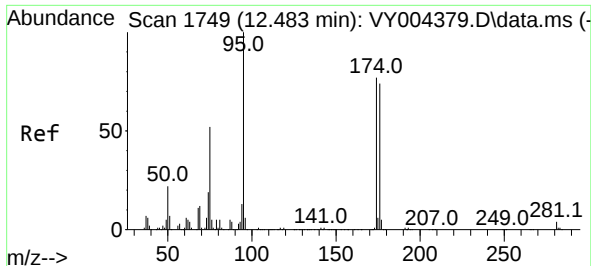


#50
Toluene-d8
Concen: 51.51 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14



Tgt Ion: 98 Resp: 469883
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6

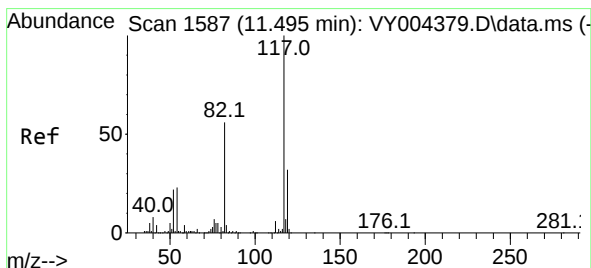
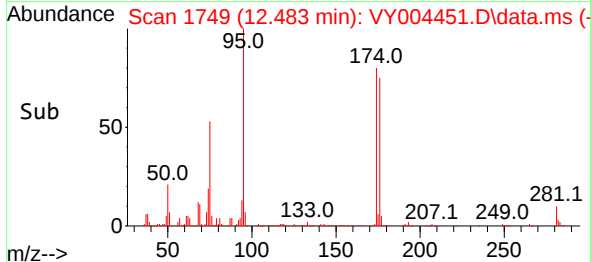
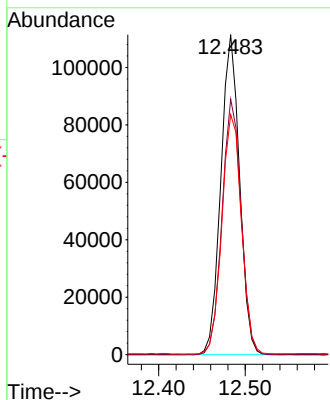
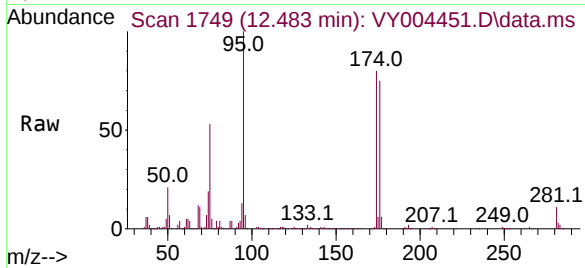




#62
4-Bromofluorobenzene
Concen: 53.95 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

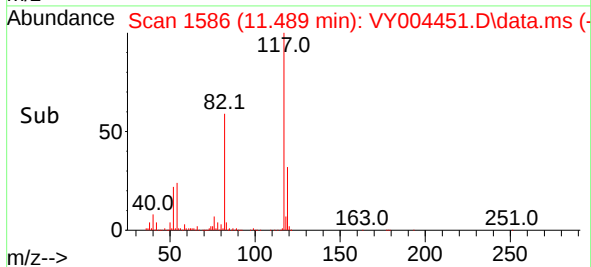
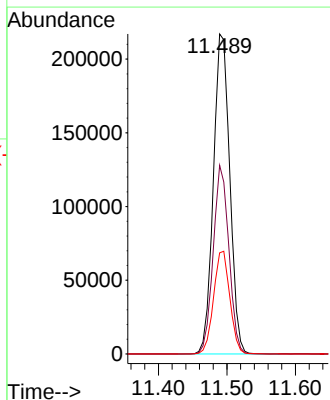
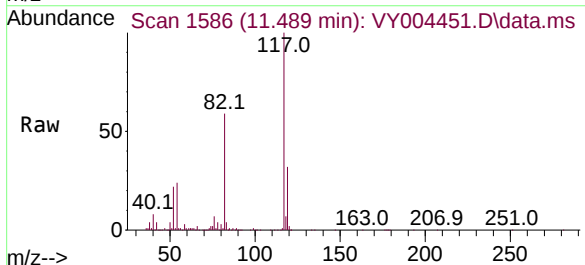
Instrument :
MSVOA_Y
ClientSampleId :

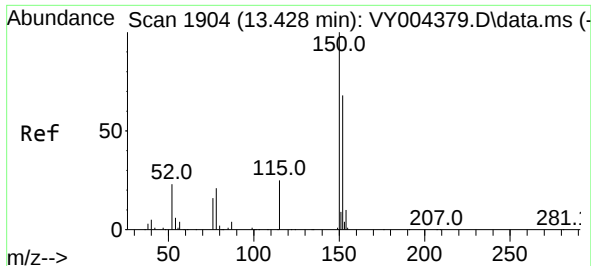
Tgt Ion: 95 Resp: 166992
Ion Ratio Lower Upper
95 100
174 81.3 0.0 162.4
176 78.2 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

Tgt Ion: 117 Resp: 360516
Ion Ratio Lower Upper
117 100
82 58.9 44.9 67.3
119 31.6 25.4 38.0

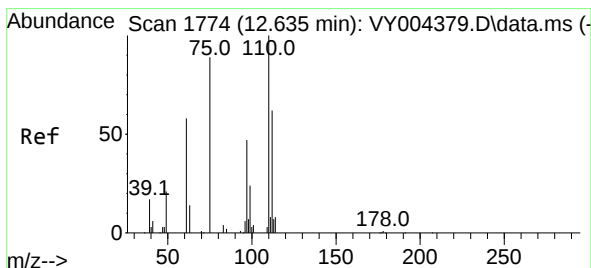
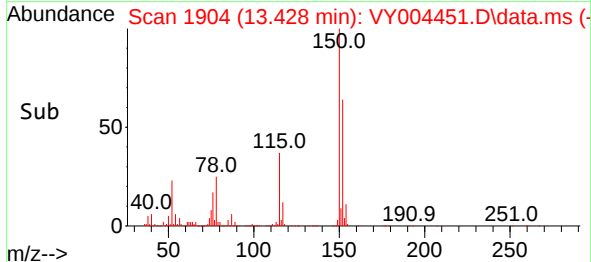
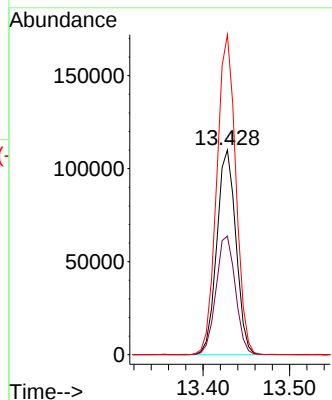
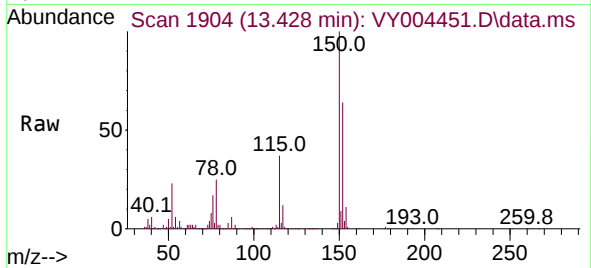




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

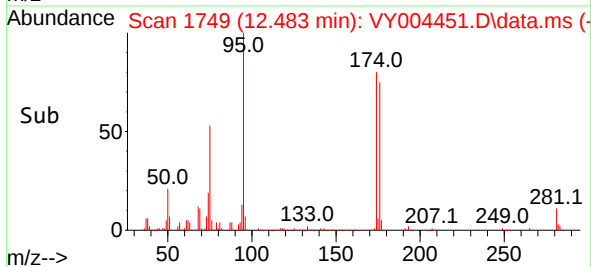
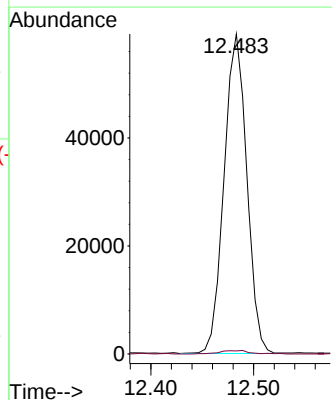
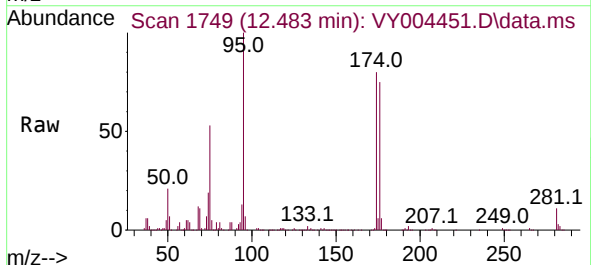
Instrument :
MSVOA_Y
ClientSampleId :

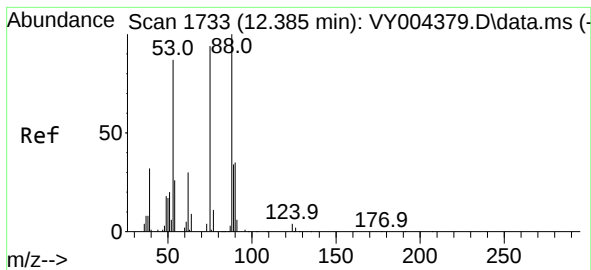
Tgt Ion:152 Resp: 168485
Ion Ratio Lower Upper
152 100
115 58.6 29.6 88.8
150 155.9 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 50.14 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

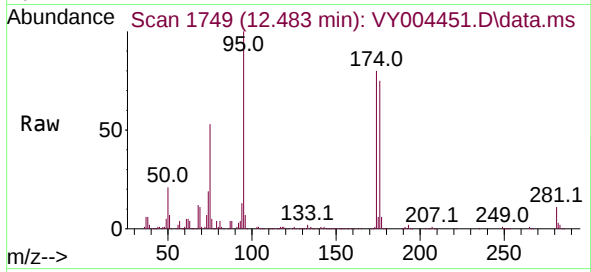
Tgt Ion: 75 Resp: 90673
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.70 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004451.D
 Acq: 15 Apr 2021 19:14

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 90673
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.5 36.1 54.1#

