

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042121\
 Data File : VY004562.D
 Acq On : 21 Apr 2021 17:43
 Operator : SY/MD
 Sample : M2099-05
 Misc : 6.50G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 22 11:19:39 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)

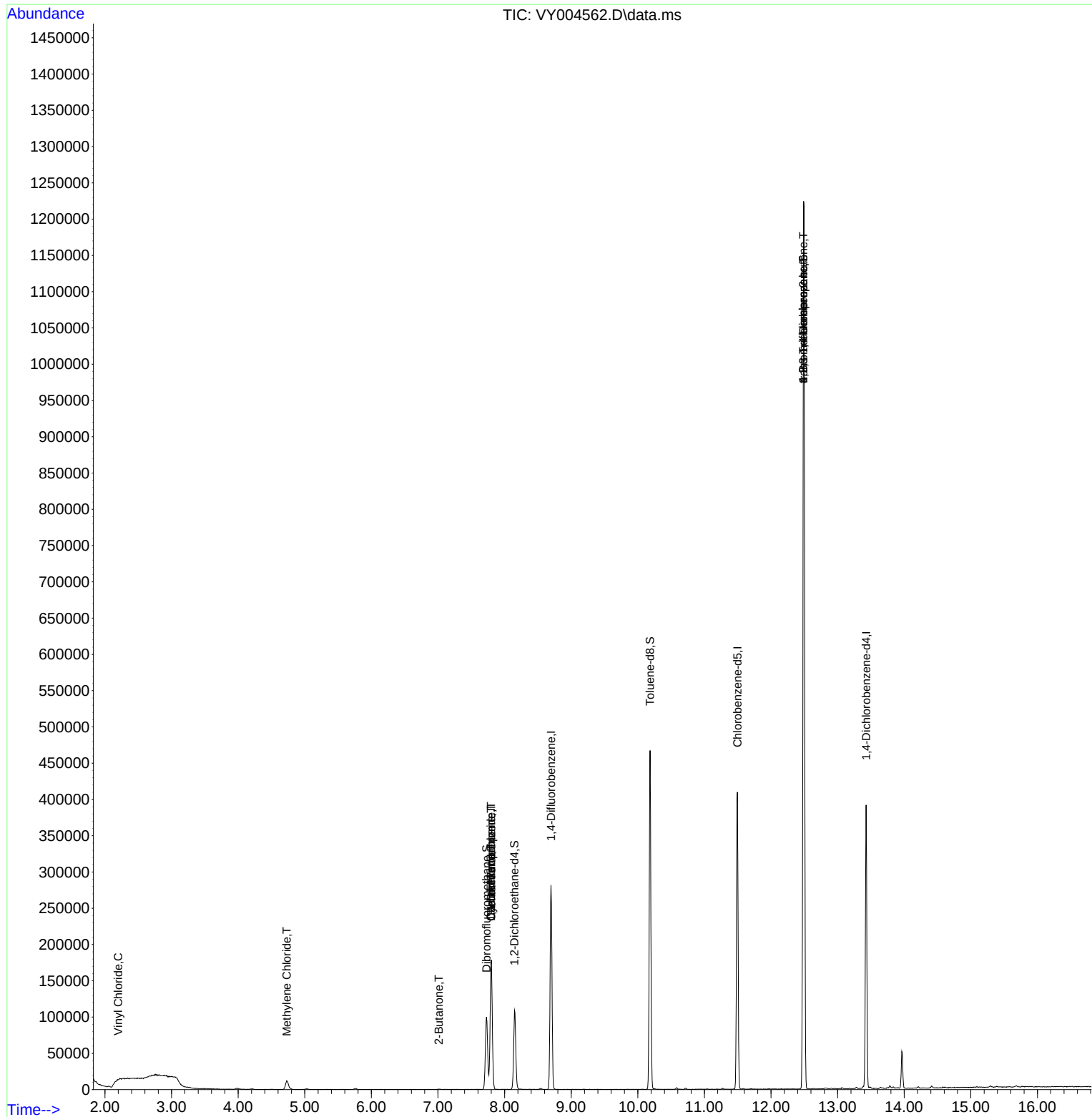
Internal Standards						
1) Pentafluorobenzene	7.801	168	134432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	230857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	213209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83547	55.94	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.88%
35) Dibromofluoromethane	7.728	113	69400	54.17	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.34%
50) Toluene-d8	10.185	98	285645	52.42	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.84%
62) 4-Bromofluorobenzene	12.483	95	98728	53.39	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.78%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.198	62	7297	3.84	ug/l #	43
16) Acetone	3.985	43	3391	Below Cal	#	67
20) Methylene Chloride	4.728	84	8231	5.71	ug/l	96
25) 2-Butanone	7.015	43	1003	1.76	ug/l #	50
31) Cyclohexane	7.795	56	3461	1.26	ug/l #	20
36) 1,1-Dichloropropene	7.795	75	10864	4.74	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13630	6.87	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	64619	66.19	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64619	118.41	ug/l #	14

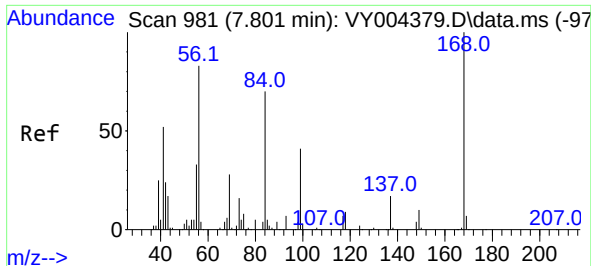
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

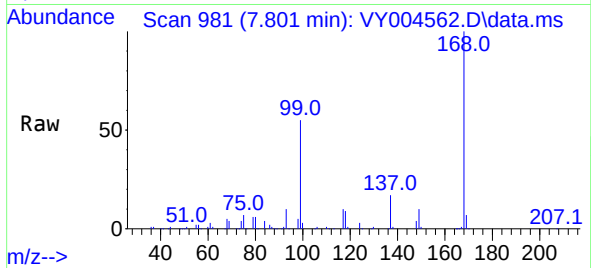
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



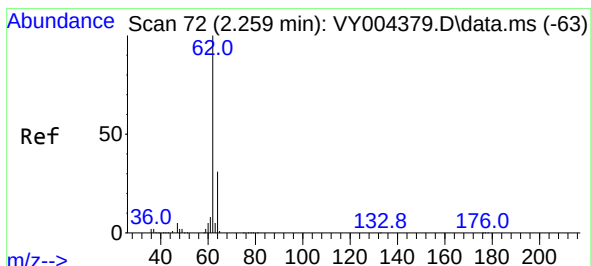
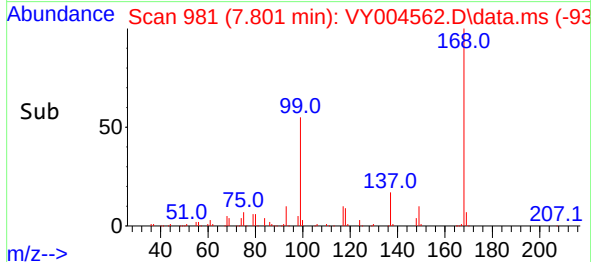
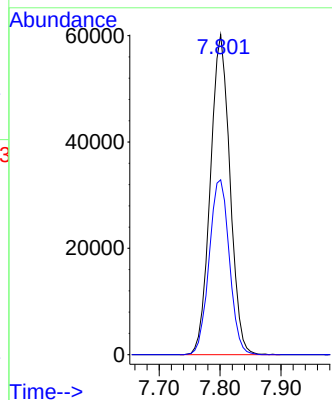


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004562.D
Acq: 21 Apr 2021 17:43

Instrument :
MSVOA_Y
ClientSampleId :

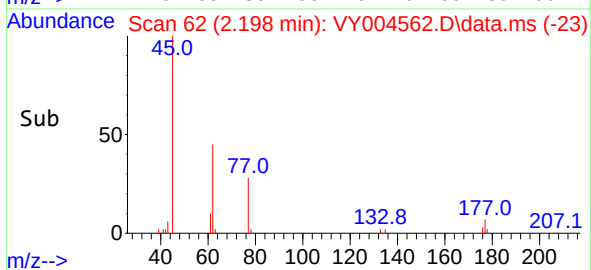
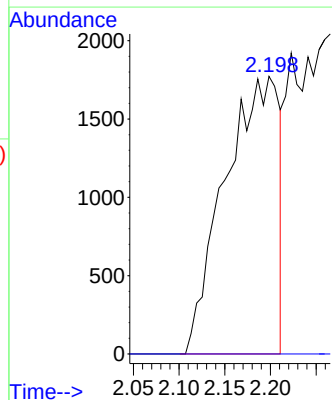
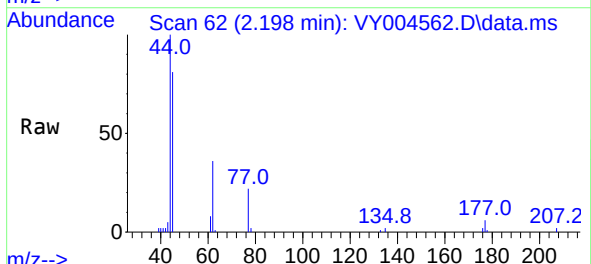


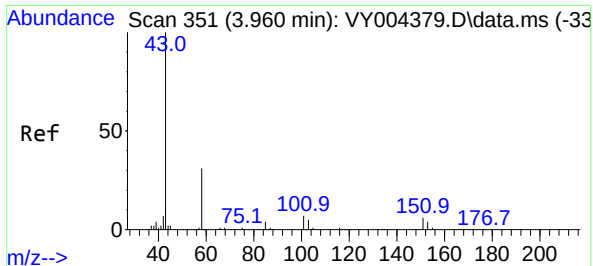
Tgt Ion:168 Resp: 134432
Ion Ratio Lower Upper
168 100
99 54.6 45.5 68.3



#4
Vinyl Chloride
Concen: 3.84 ug/l
RT: 2.198 min Scan# 62
Delta R.T. -0.061 min
Lab File: VY004562.D
Acq: 21 Apr 2021 17:43

Tgt Ion: 62 Resp: 7297
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

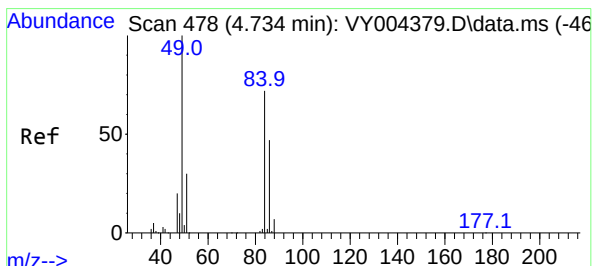
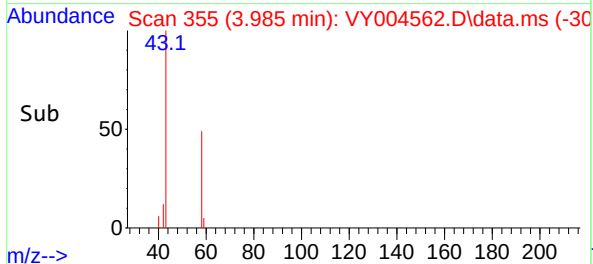
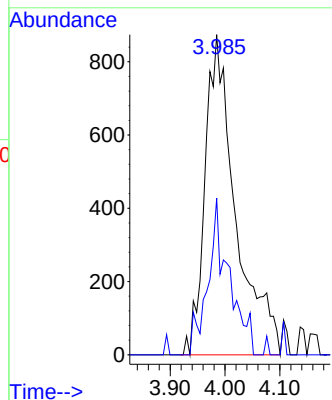
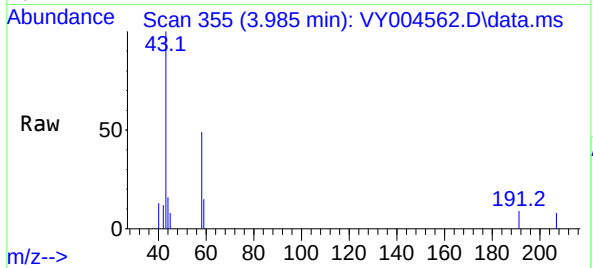




#16
Acetone
Concen: Below Cal
RT: 3.985 min Scan# 355
Delta R.T. 0.025 min
Lab File: VY004562.D
Acq: 21 Apr 2021 17:43

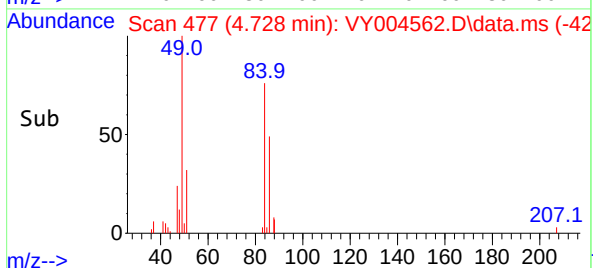
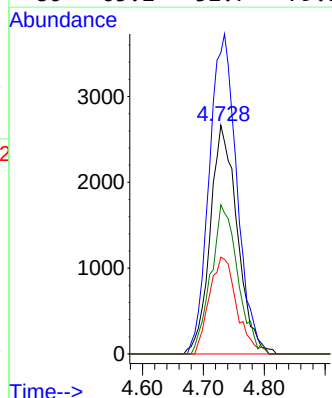
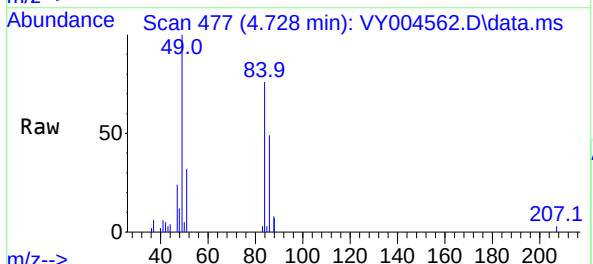
Instrument :
MSVOA_Y
ClientSampleId :

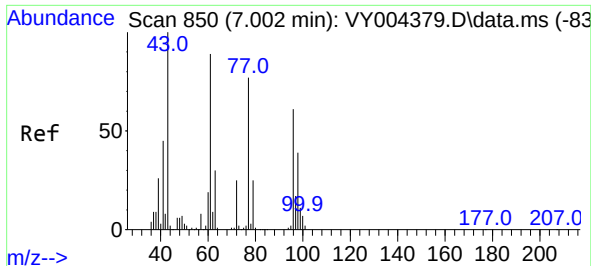
Tgt Ion: 43 Resp: 3391
Ion Ratio Lower Upper
43 100
58 49.0 24.6 37.0#



#20
Methylene Chloride
Concen: 5.71 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004562.D
Acq: 21 Apr 2021 17:43

Tgt Ion: 84 Resp: 8231
Ion Ratio Lower Upper
84 100
49 131.7 111.2 166.8
51 42.3 33.4 50.2
86 65.2 52.7 79.1

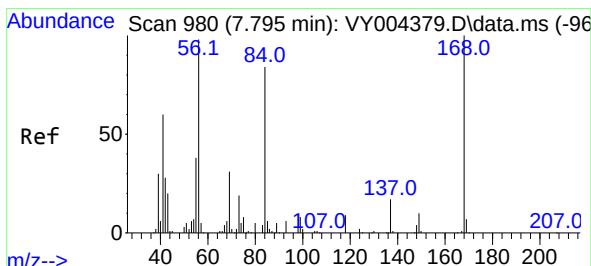
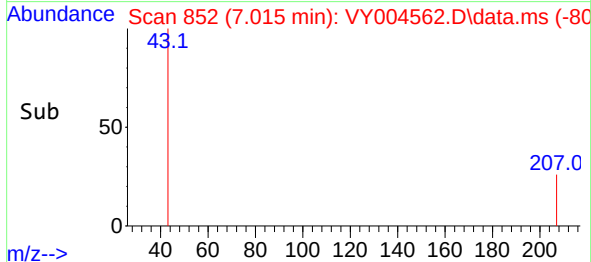
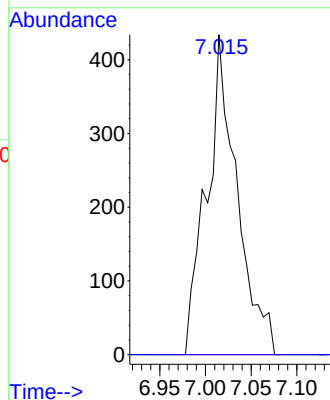
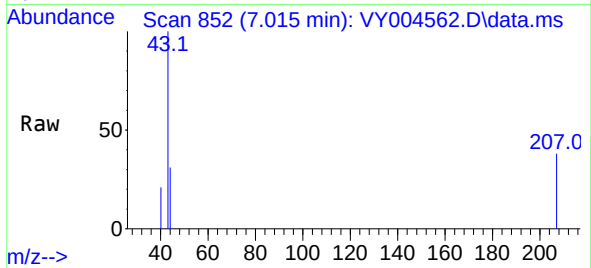




#25
2-Butanone
Concen: 1.76 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.012 min
Lab File: VY004562.D
Acq: 21 Apr 2021 17:43

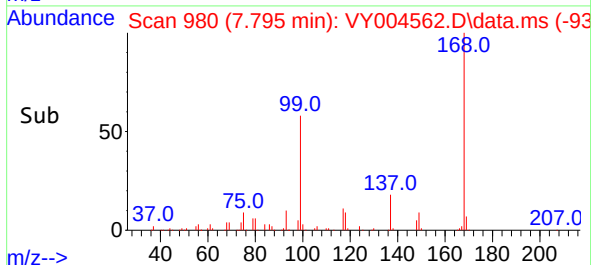
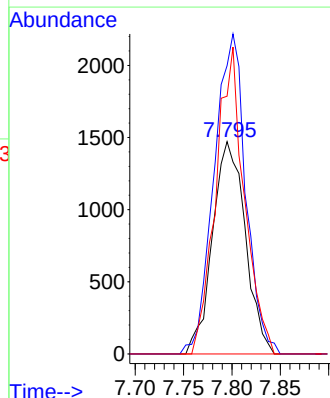
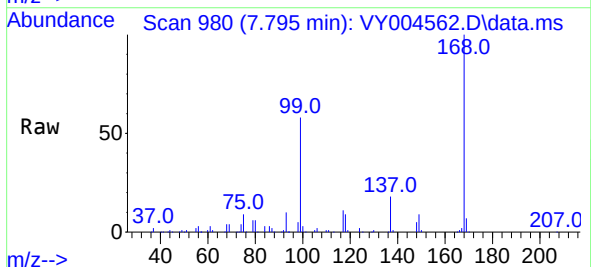
Instrument :
MSVOA_Y
ClientSampled :

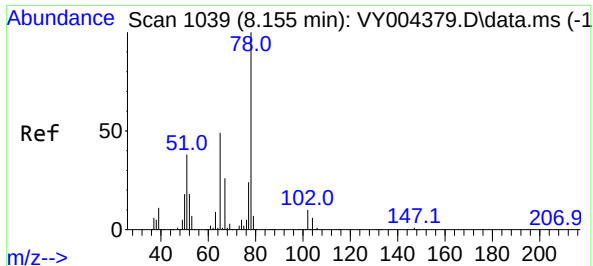
Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#



#31
Cyclohexane
Concen: 1.26 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004562.D
Acq: 21 Apr 2021 17:43

Tgt Ion: 56 Resp: 3461
Ion Ratio Lower Upper
56 100
69 135.8 25.8 38.6#
84 121.5 68.2 102.4#

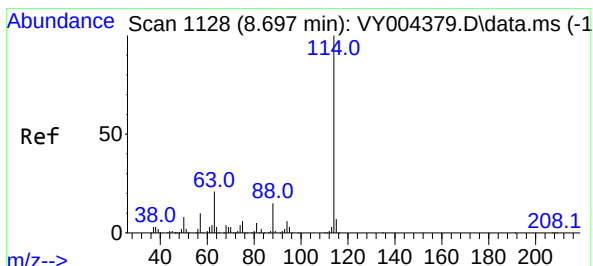
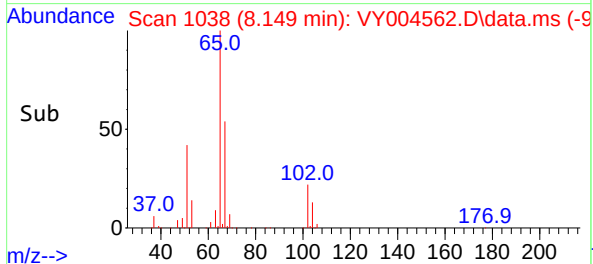
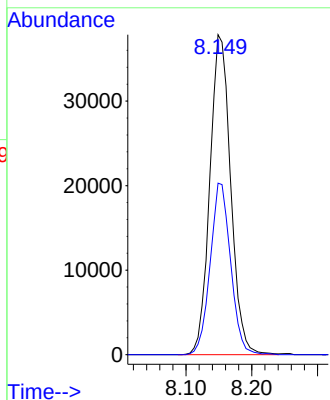
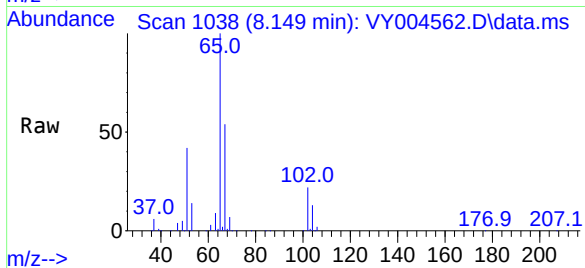




#33
1,2-Dichloroethane-d4
Concen: 55.94 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004562.D
Acq: 21 Apr 2021 17:43

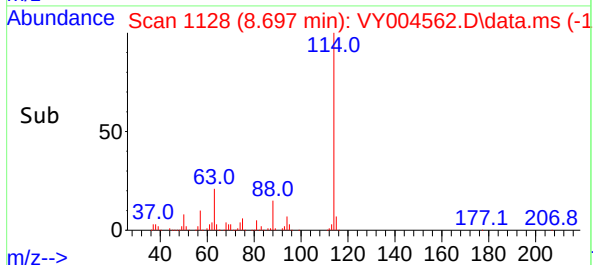
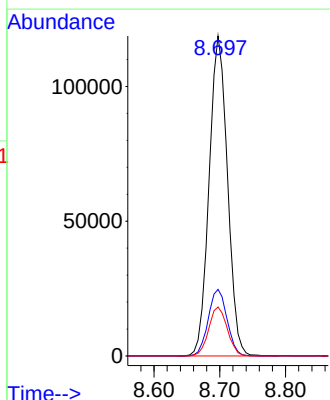
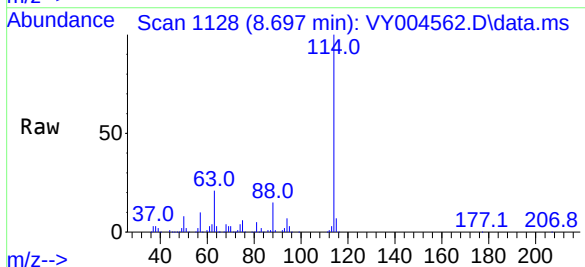
Instrument :
MSVOA_Y
ClientSampleId :

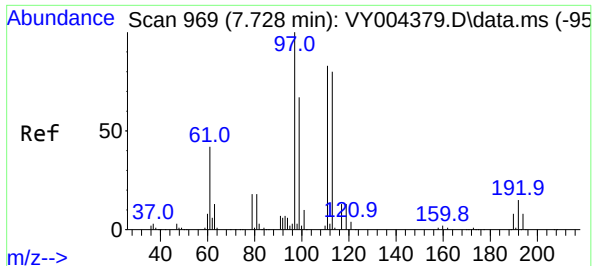
Tgt Ion: 65 Resp: 83547
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004562.D
Acq: 21 Apr 2021 17:43

Tgt Ion: 114 Resp: 230857
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.4
88 15.3 0.0 30.8

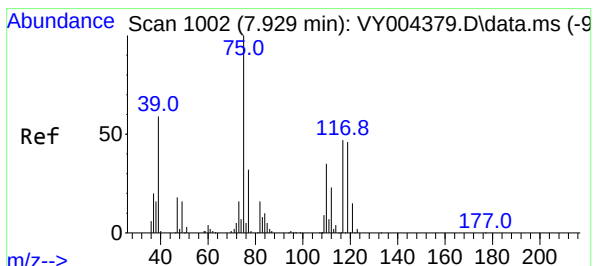
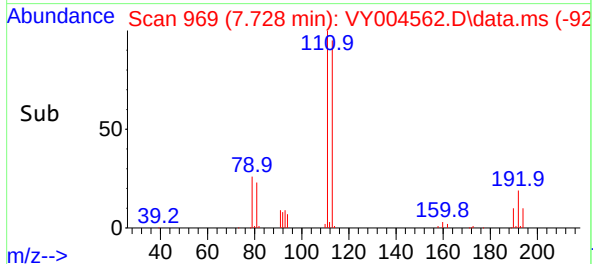
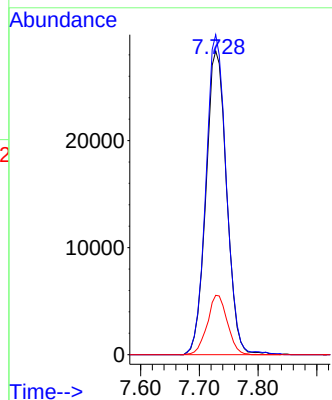
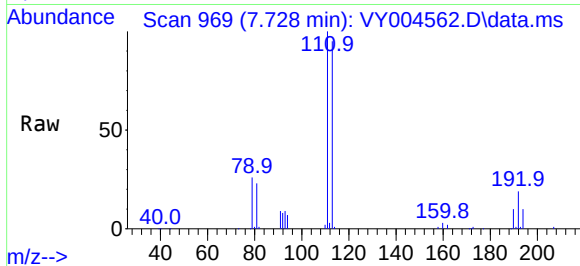




#35
Dibromofluoromethane
Concen: 54.17 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004562.D
Acq: 21 Apr 2021 17:43

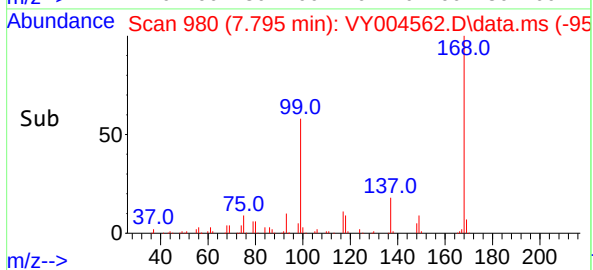
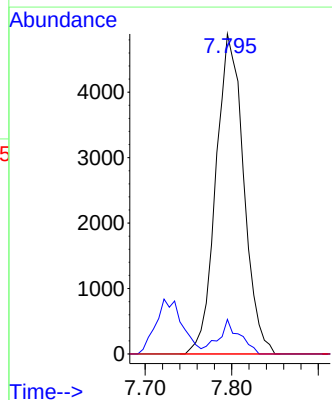
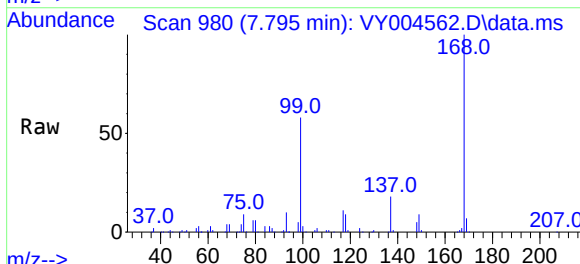
Instrument :
MSVOA_Y
ClientSampleId :

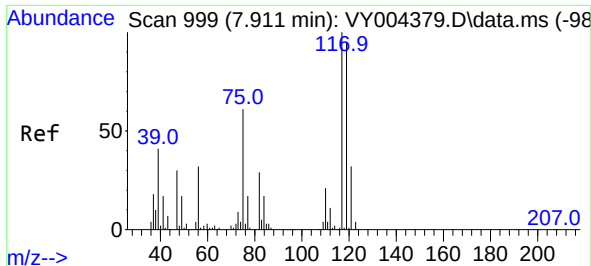
Tgt Ion:	113	Resp:	69400
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.6	123.8
192	18.9	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004562.D
Acq: 21 Apr 2021 17:43

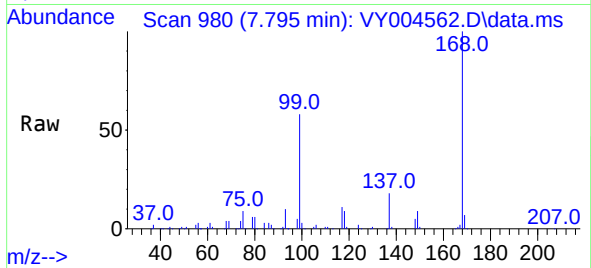
Tgt Ion:	75	Resp:	10864
Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.3	51.7#
77	0.0	24.3	36.5#



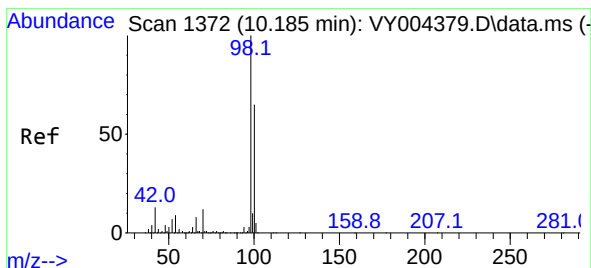
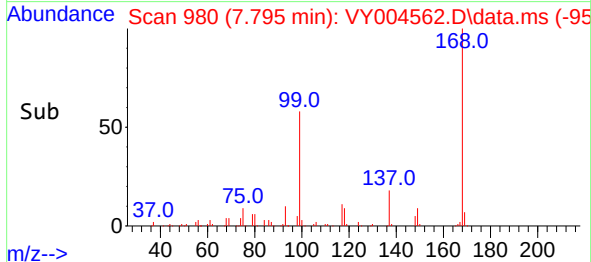
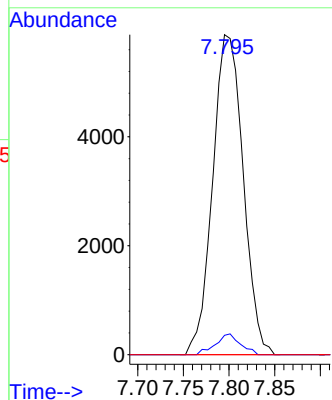


#38
Carbon Tetrachloride
Concen: 6.87 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004562.D
Acq: 21 Apr 2021 17:43

Instrument :
MSVOA_Y
ClientSampleId :

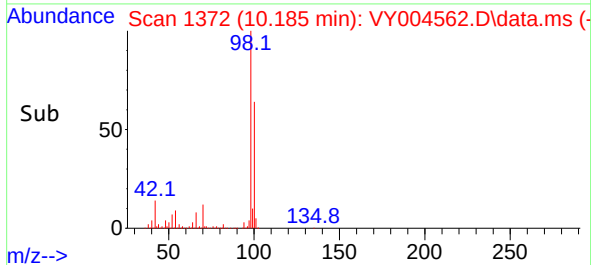
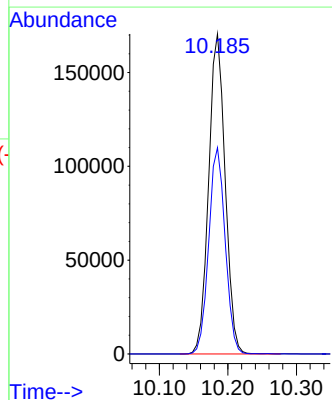
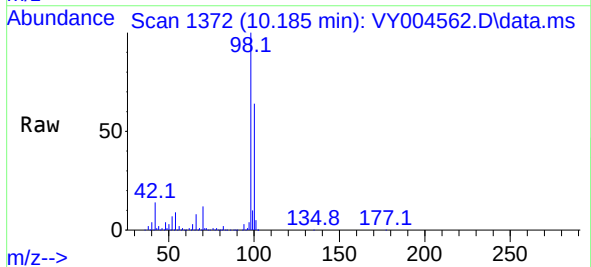


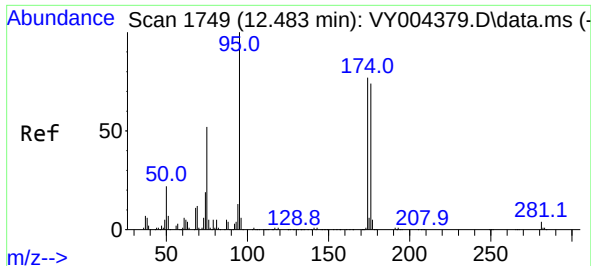
Tgt Ion:117 Resp: 13630
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.42 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004562.D
Acq: 21 Apr 2021 17:43

Tgt Ion: 98 Resp: 285645
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

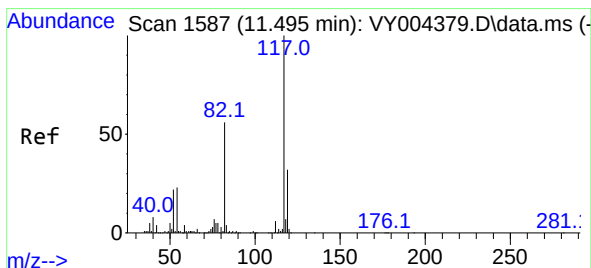
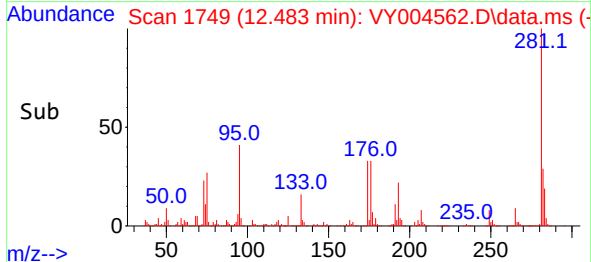
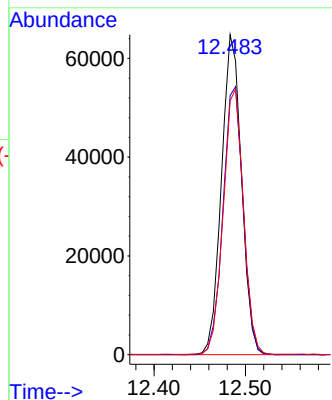
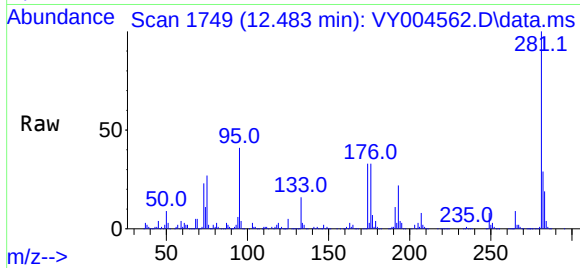




#62
4-Bromofluorobenzene
Concen: 53.39 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004562.D
Acq: 21 Apr 2021 17:43

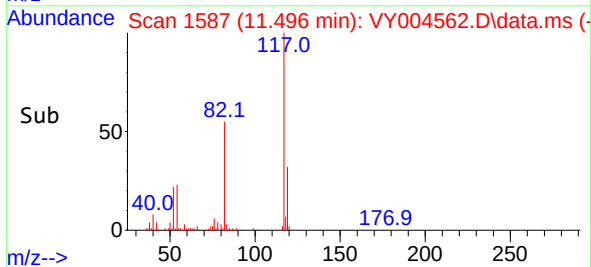
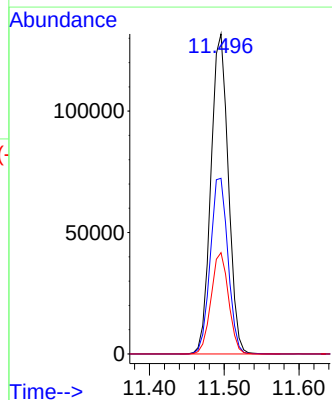
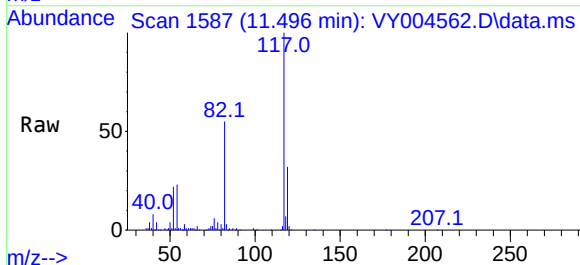
Instrument :
MSVOA_Y
ClientSampleId :

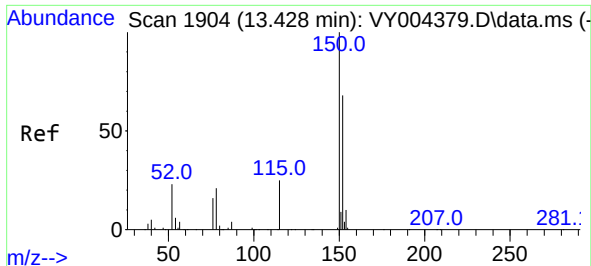
Tgt Ion: 95 Resp: 98728
Ion Ratio Lower Upper
95 100
174 84.3 0.0 162.4
176 83.6 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004562.D
Acq: 21 Apr 2021 17:43

Tgt Ion: 117 Resp: 213209
Ion Ratio Lower Upper
117 100
82 54.9 44.9 67.3
119 31.7 25.4 38.0

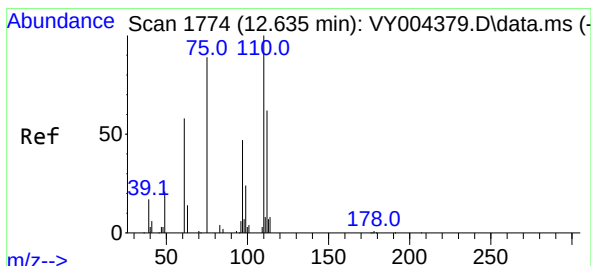
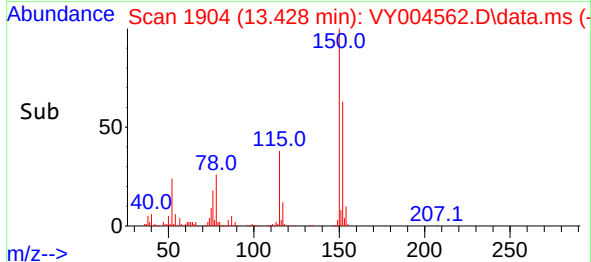
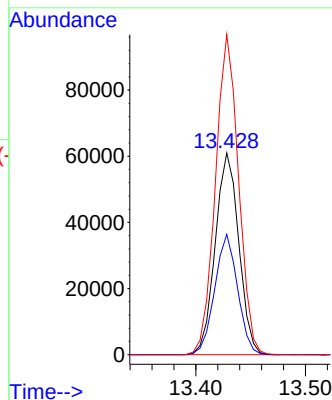
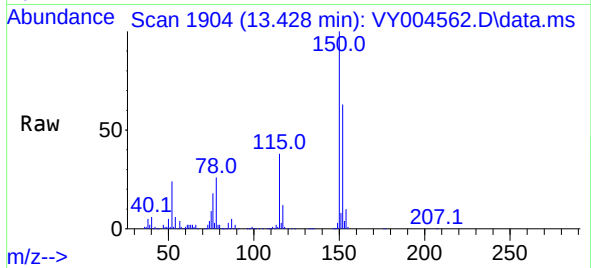




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004562.D
 Acq: 21 Apr 2021 17:43

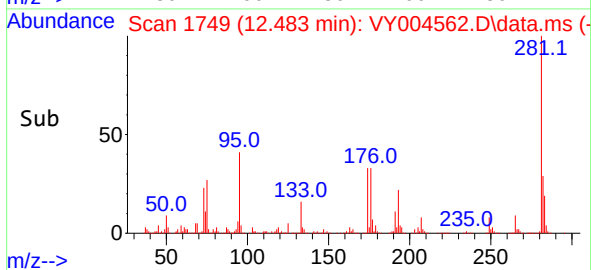
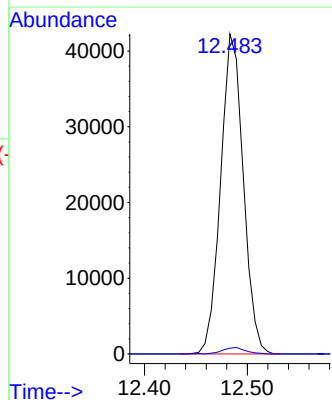
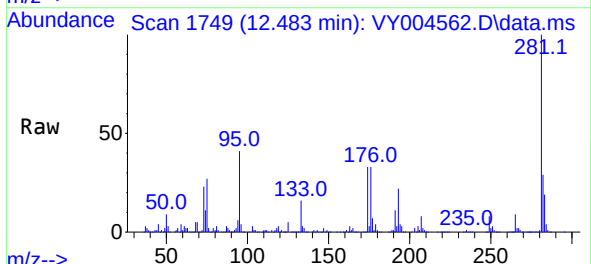
Instrument :
 MSVOA_Y
 ClientSampled :

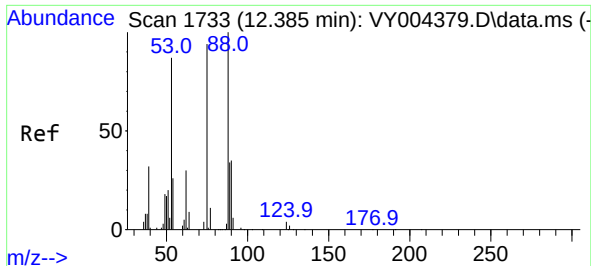
Tgt Ion:152 Resp: 90958
 Ion Ratio Lower Upper
 152 100
 115 58.2 29.6 88.8
 150 156.1 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 66.19 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004562.D
 Acq: 21 Apr 2021 17:43

Tgt Ion: 75 Resp: 64619
 Ion Ratio Lower Upper
 75 100
 77 2.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 118.41 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004562.D
Acq: 21 Apr 2021 17:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 64619
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 4.7 36.1 54.1#

