

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004612.D
 Acq On : 23 Apr 2021 17:55
 Operator : SY/MD
 Sample : M2149-10
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-39-0-2.0

Quant Time: Apr 26 10:20:43 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)

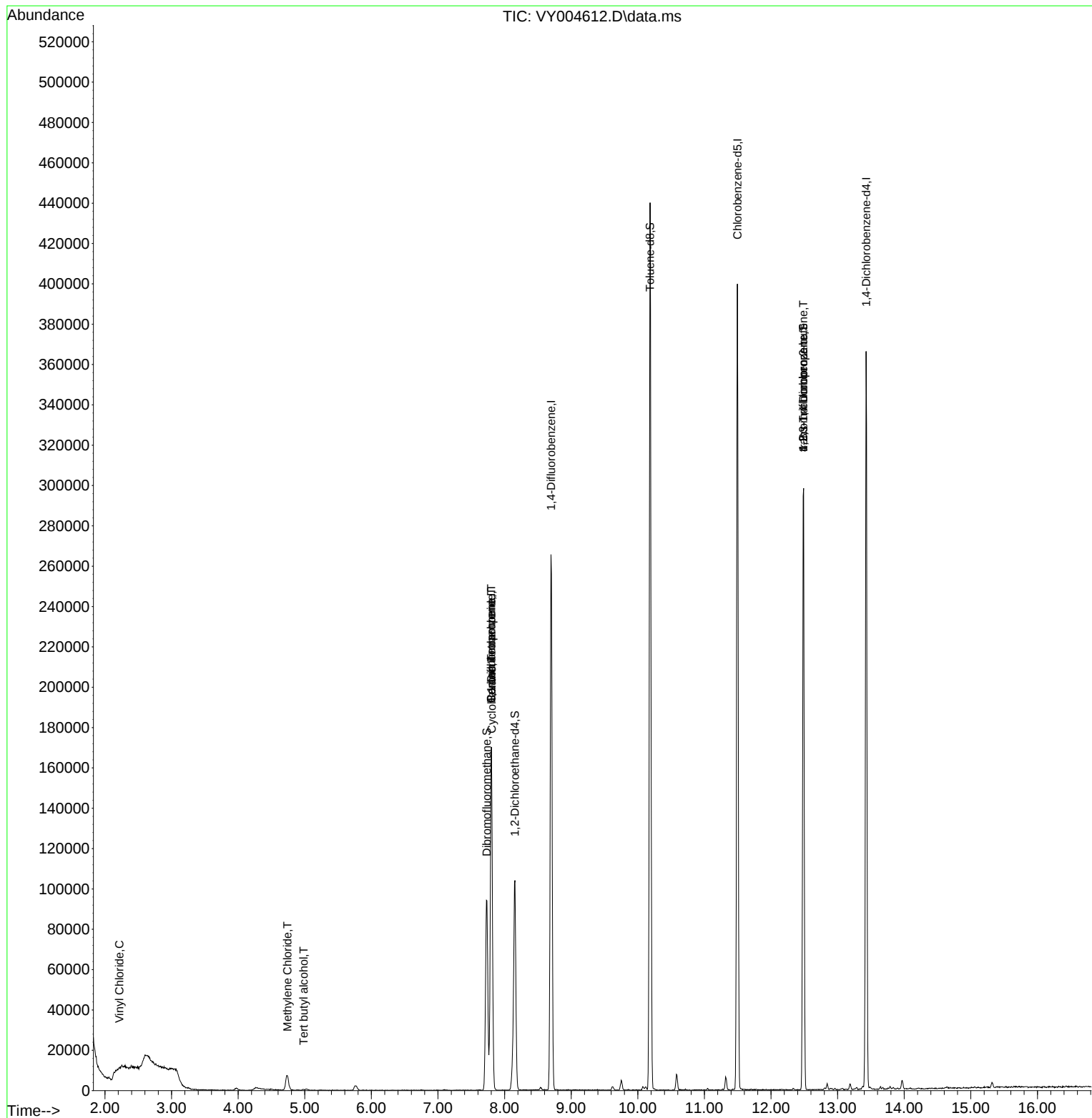
Internal Standards						
1) Pentafluorobenzene	7.801	168	124768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	217360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	202575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86766	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	77435	55.86	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.72%
35) Dibromofluoromethane	7.734	113	66159	54.85	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.70%
50) Toluene-d8	10.185	98	267009	52.04	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.08%
62) 4-Bromofluorobenzene	12.483	95	86255	49.54	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.08%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.217	62	5421	3.07	ug/l #	43
11) Tert butyl alcohol	4.985	59	397	2.91	ug/l #	73
16) Acetone	3.973	43	2246	Below	Cal	92
20) Methylene Chloride	4.741	84	5292	3.95	ug/l #	94
31) Cyclohexane	7.807	56	3109	1.22	ug/l #	31
36) 1,1-Dichloropropene	7.801	75	10275	4.76	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12927	6.92	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	48863	52.47	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48863	93.87	ug/l #	12

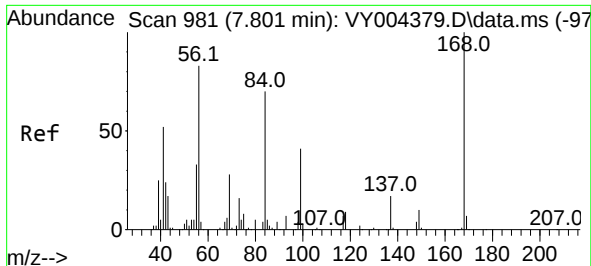
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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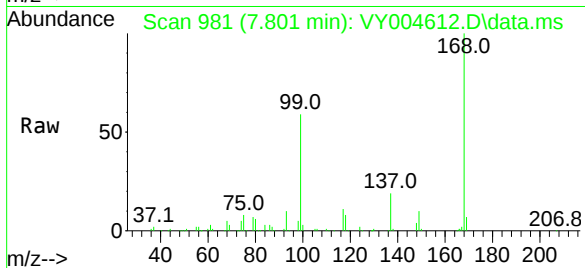
Quant Time: Apr 26 10:20:43 2021
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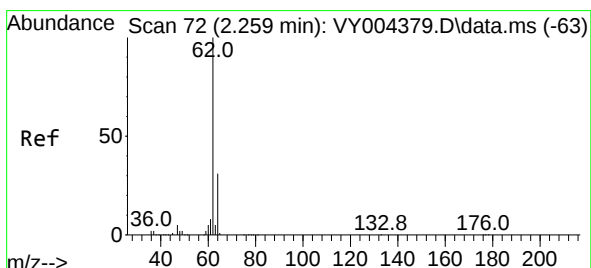
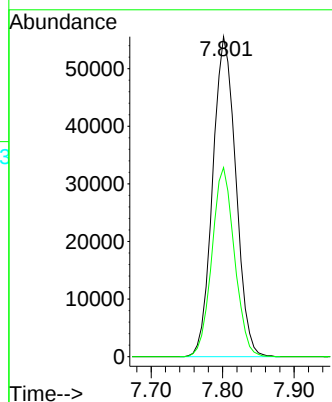
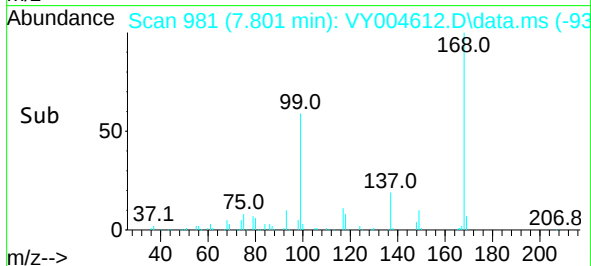


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004612.D
Acq: 23 Apr 2021 17:55

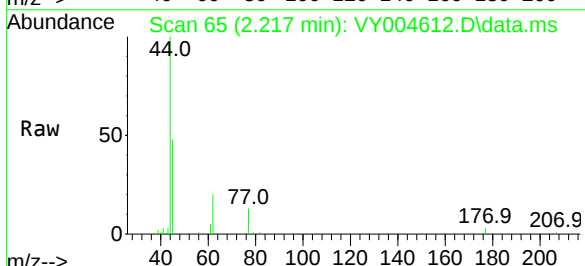
Instrument :
MSVOA_Y
ClientSampleId :
SB-39-0-2.0



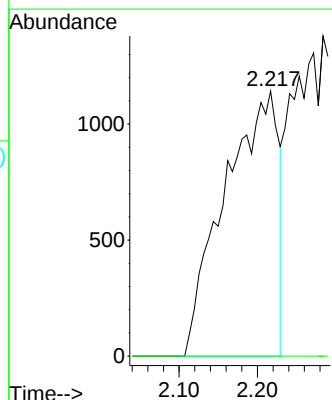
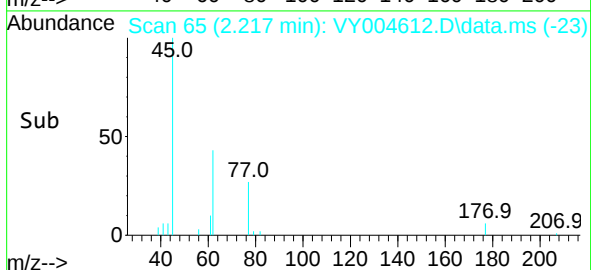
Tgt Ion:168 Resp: 124768
Ion Ratio Lower Upper
168 100
99 59.1 45.5 68.3

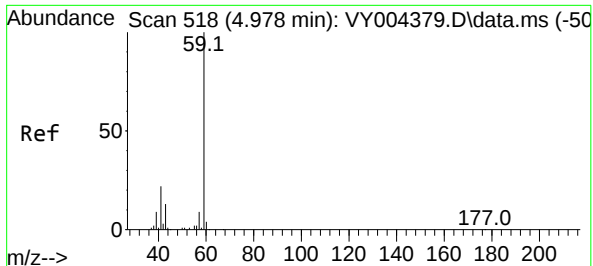


#4
Vinyl Chloride
Concen: 3.07 ug/l
RT: 2.217 min Scan# 65
Delta R.T. -0.042 min
Lab File: VY004612.D
Acq: 23 Apr 2021 17:55



Tgt Ion: 62 Resp: 5421
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



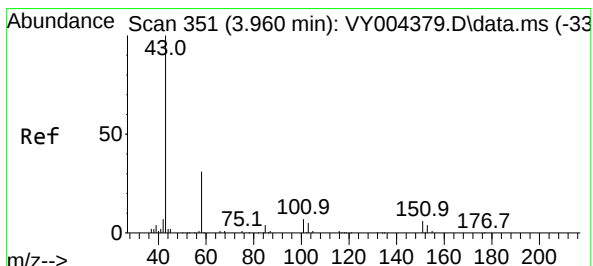
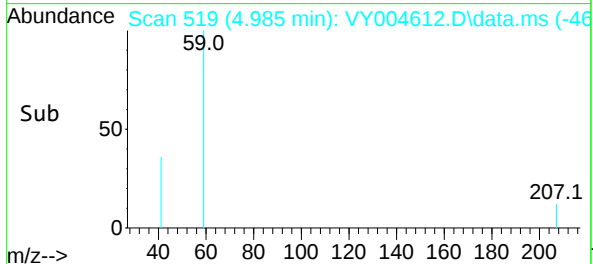
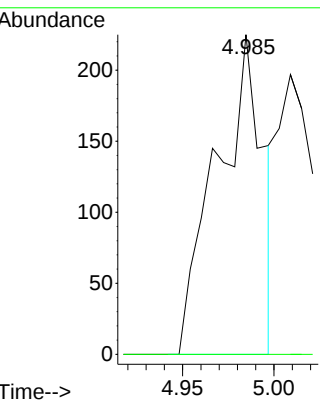
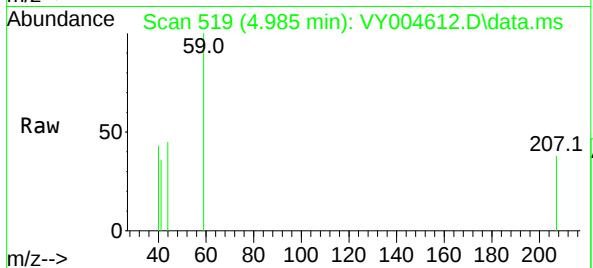


#11

Tert butyl alcohol
Concen: 2.91 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY004612.D
Acq: 23 Apr 2021 17:55

Instrument :
MSVOA_Y
ClientSampleId :
SB-39-0-2.0

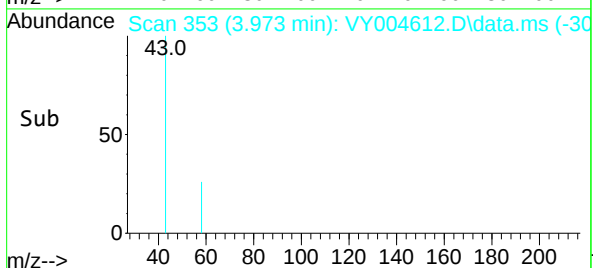
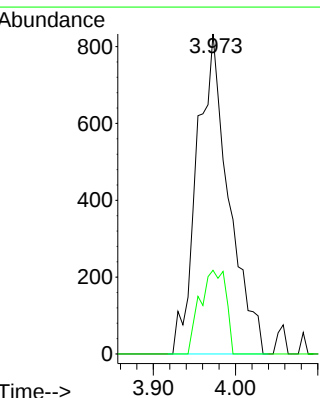
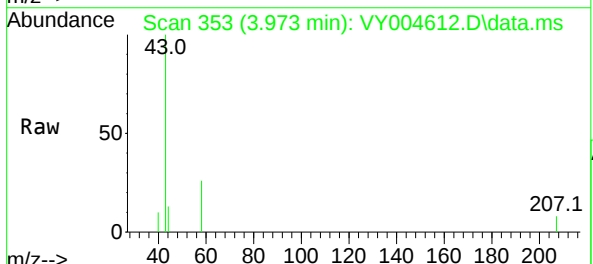
Tgt Ion: 59 Resp: 397
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

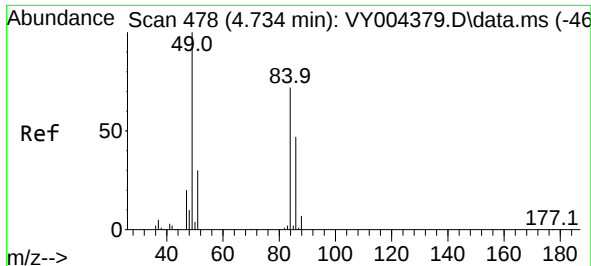


#16

Acetone
Concen: Below Cal
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY004612.D
Acq: 23 Apr 2021 17:55

Tgt Ion: 43 Resp: 2246
Ion Ratio Lower Upper
43 100
58 26.2 24.6 37.0



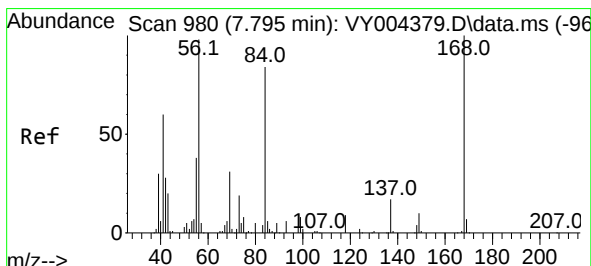
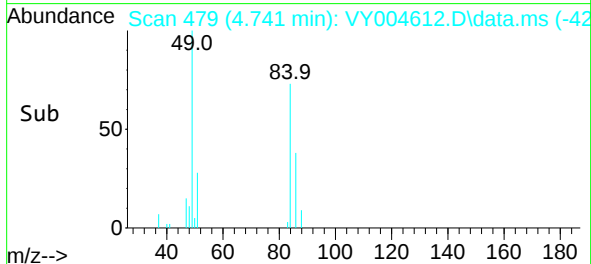
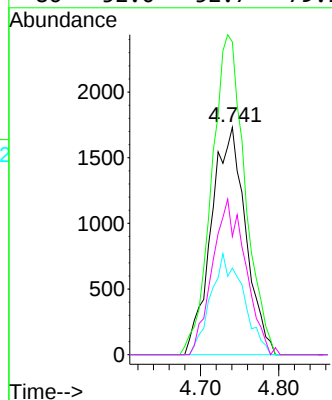
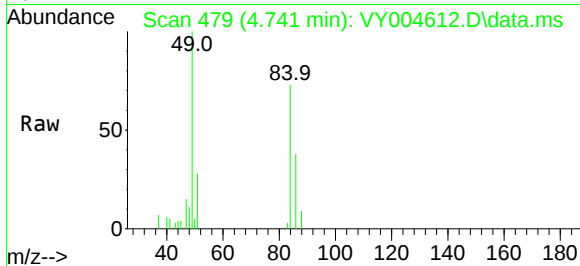


#20
Methylene Chloride
Concen: 3.95 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004612.D
Acq: 23 Apr 2021 17:55

Instrument :
MSVOA_Y
ClientSampleId :
SB-39-0-2.0

Tgt Ion: 84 Resp: 5292

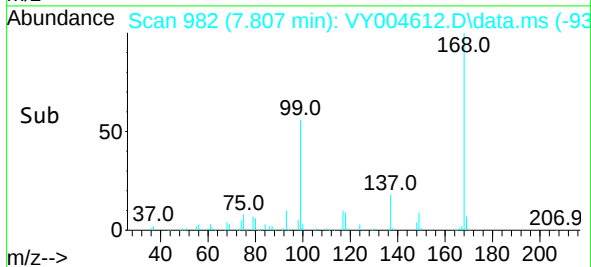
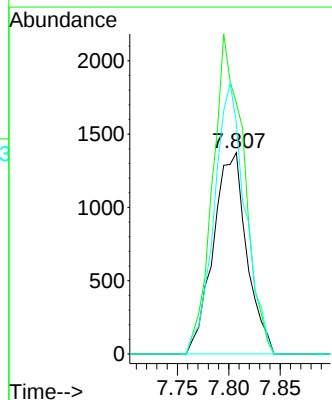
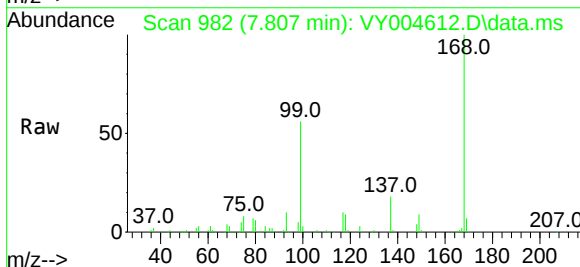
Ion	Ratio	Lower	Upper
84	100		
49	137.5	111.2	166.8
51	38.0	33.4	50.2
86	52.0	52.7	79.1#

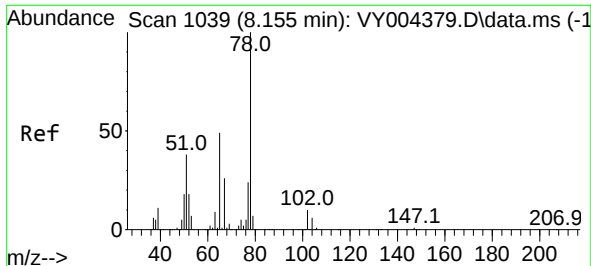


#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY004612.D
Acq: 23 Apr 2021 17:55

Tgt Ion: 56 Resp: 3109

Ion	Ratio	Lower	Upper
56	100		
69	124.5	25.8	38.6#
84	114.8	68.2	102.4#

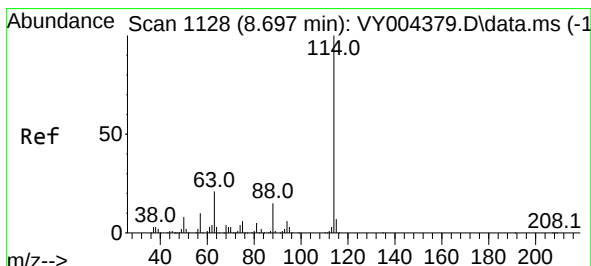
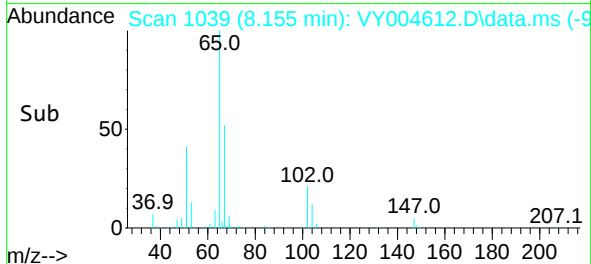
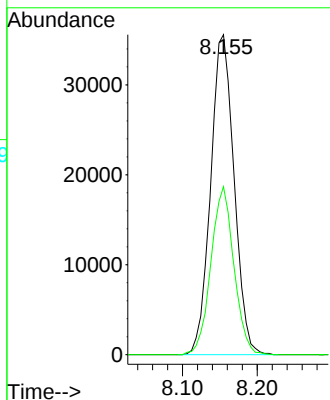
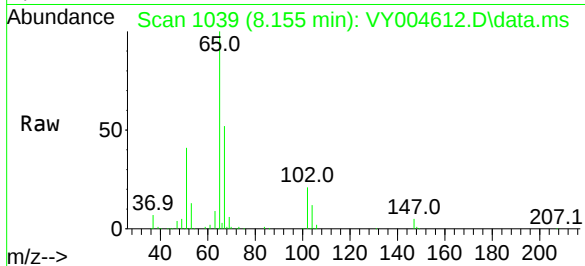




#33
 1,2-Dichloroethane-d4
 Concen: 55.86 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY004612.D
 Acq: 23 Apr 2021 17:55

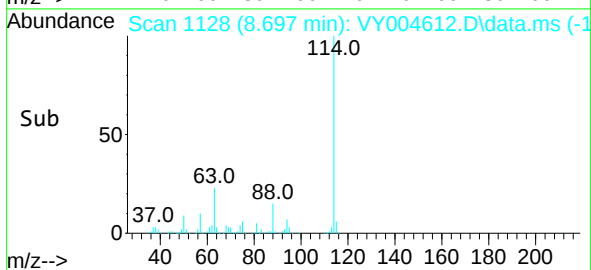
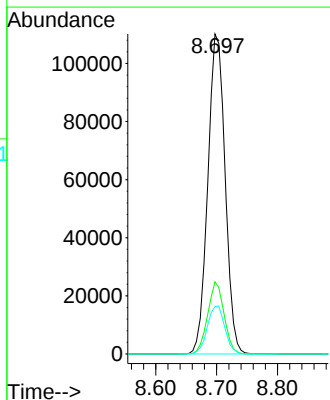
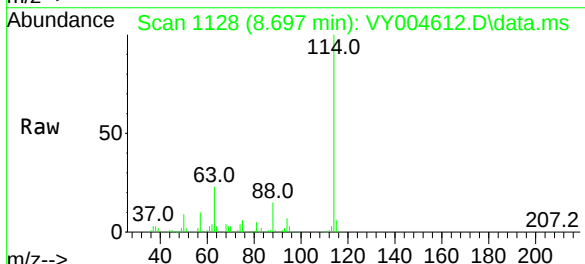
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-39-0-2.0

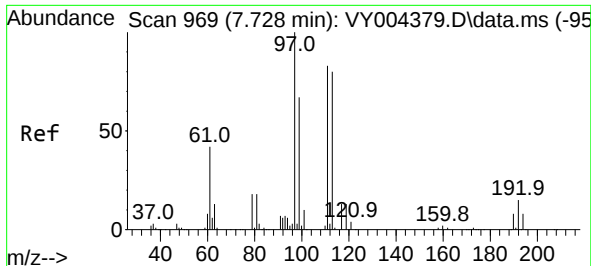
Tgt Ion: 65 Resp: 77435
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004612.D
 Acq: 23 Apr 2021 17:55

Tgt Ion: 114 Resp: 217360
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 42.4
 88 14.8 0.0 30.8

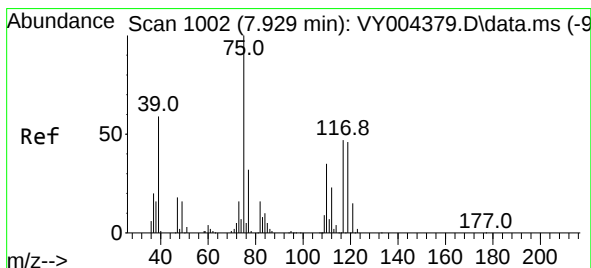
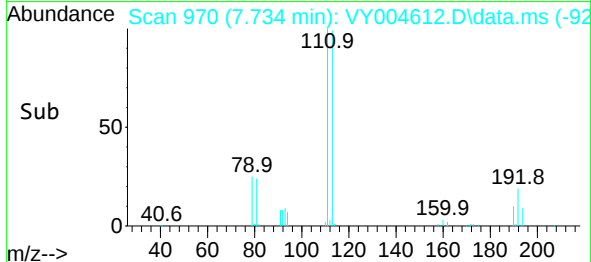
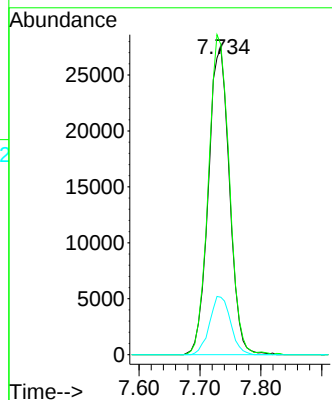
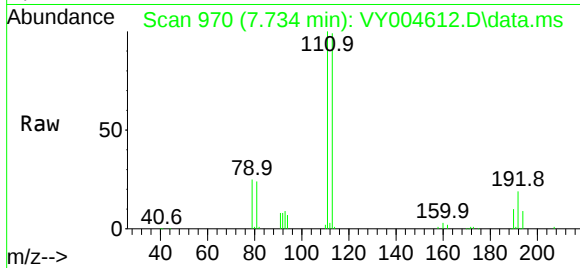




#35
Dibromofluoromethane
Concen: 54.85 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004612.D
Acq: 23 Apr 2021 17:55

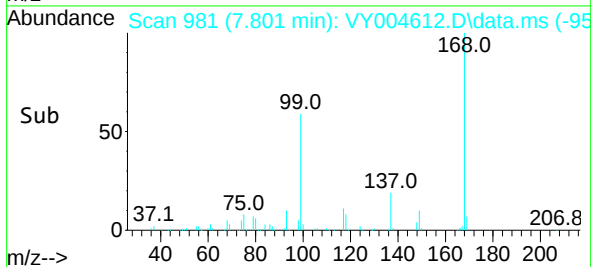
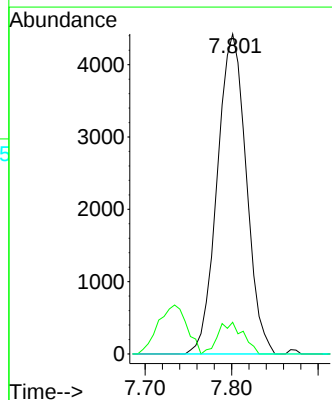
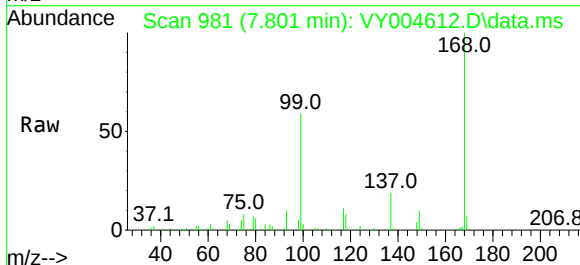
Instrument :
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ClientSampleId :
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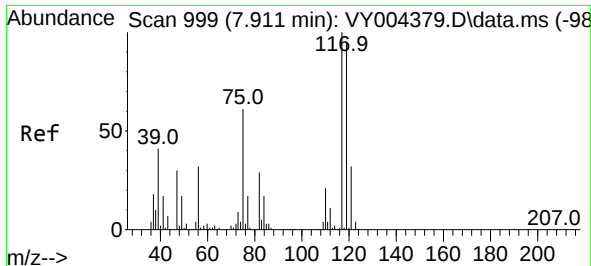
Tgt Ion:	113	Resp:	66159
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	18.8	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.76 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004612.D
Acq: 23 Apr 2021 17:55

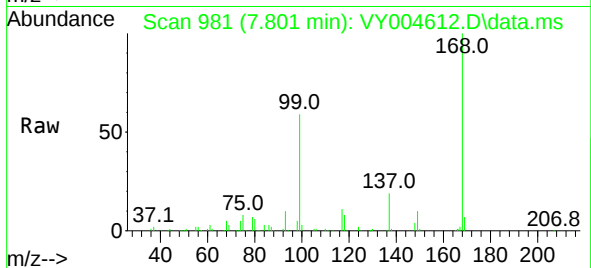
Tgt Ion:	75	Resp:	10275
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.3	51.7#
77	0.0	24.3	36.5#



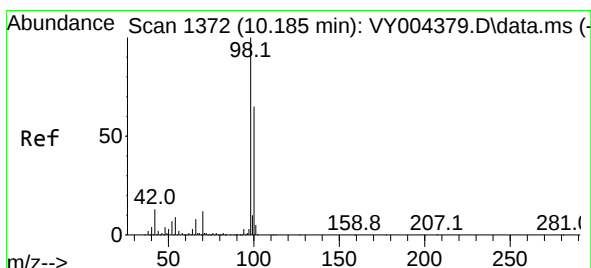
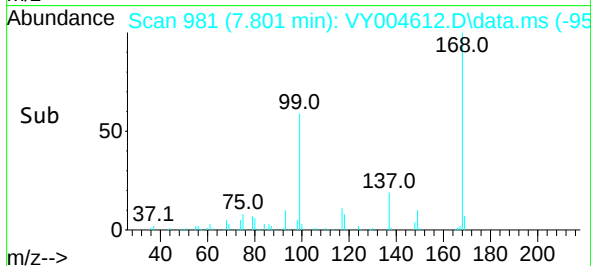
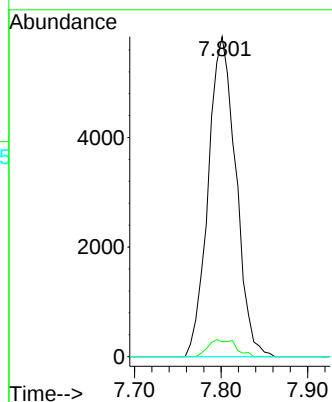


#38
Carbon Tetrachloride
Concen: 6.92 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004612.D
Acq: 23 Apr 2021 17:55

Instrument :
MSVOA_Y
ClientSampleId :
SB-39-0-2.0

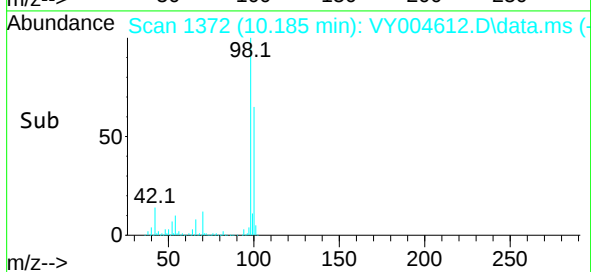
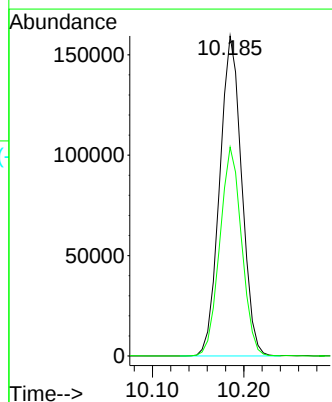
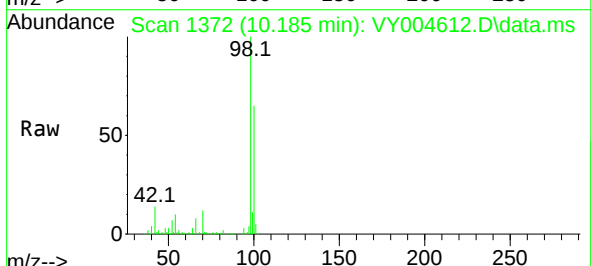


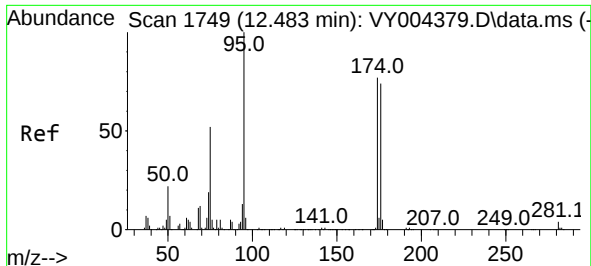
Tgt Ion: 117 Resp: 12927
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.04 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004612.D
Acq: 23 Apr 2021 17:55

Tgt Ion: 98 Resp: 267009
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

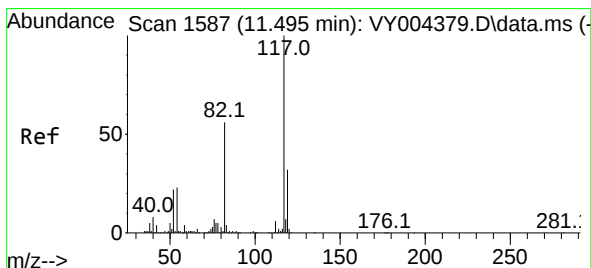
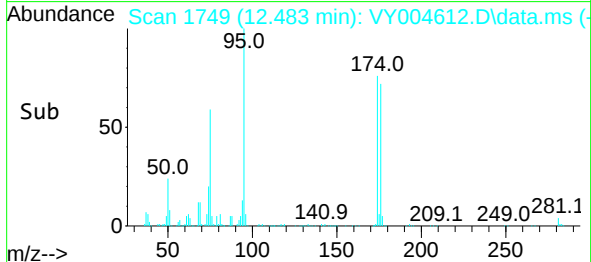
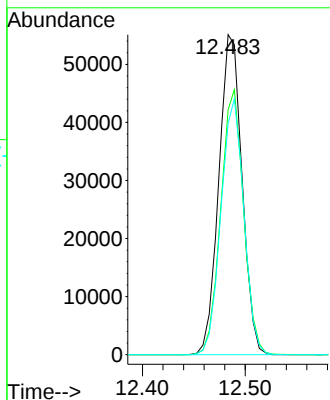
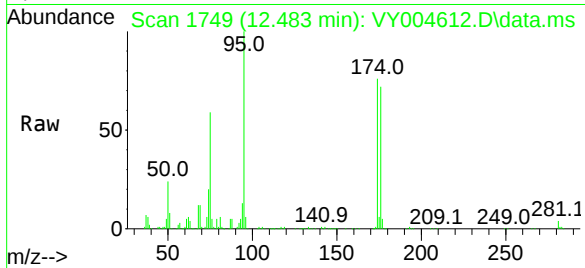




#62
4-Bromofluorobenzene
Concen: 49.54 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004612.D
Acq: 23 Apr 2021 17:55

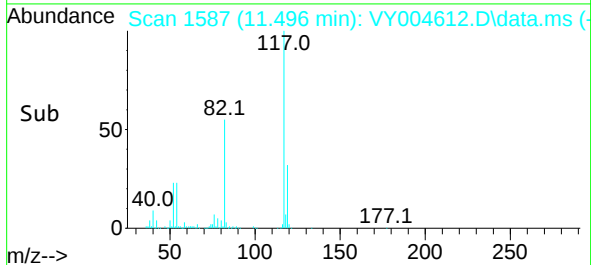
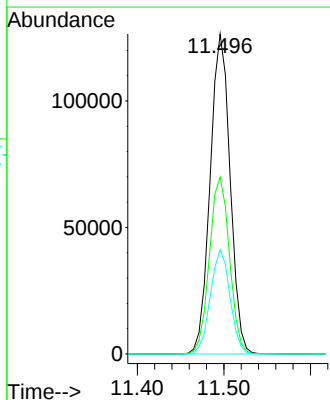
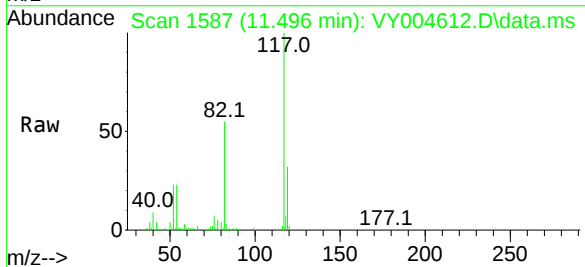
Instrument :
MSVOA_Y
ClientSampleId :
SB-39-0-2.0

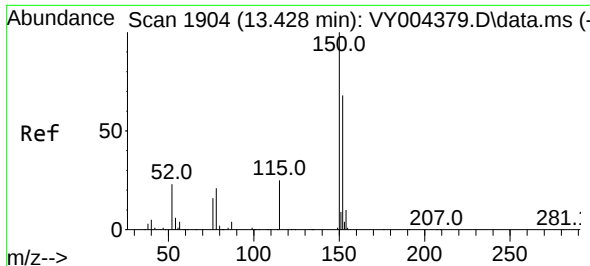
Tgt Ion: 95 Resp: 86255
Ion Ratio Lower Upper
95 100
174 81.2 0.0 162.4
176 78.8 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004612.D
Acq: 23 Apr 2021 17:55

Tgt Ion: 117 Resp: 202575
Ion Ratio Lower Upper
117 100
82 55.3 44.9 67.3
119 32.5 25.4 38.0

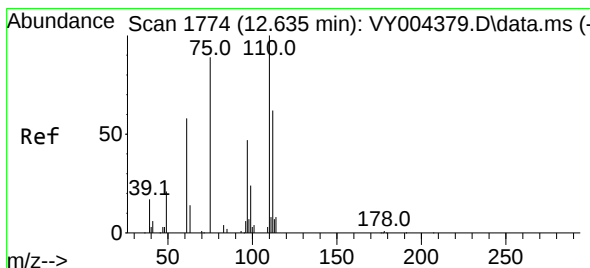
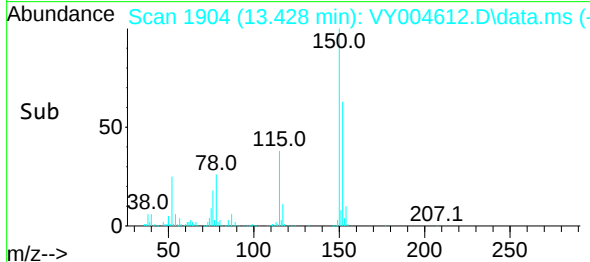
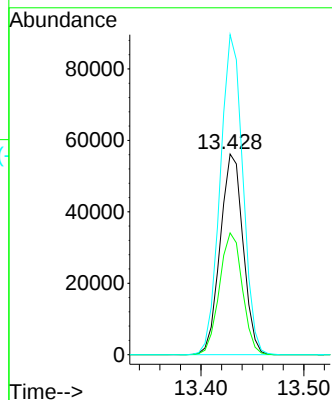
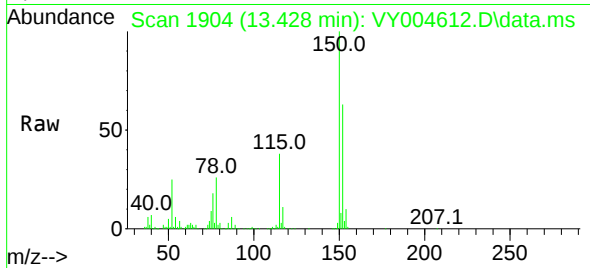




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004612.D
Acq: 23 Apr 2021 17:55

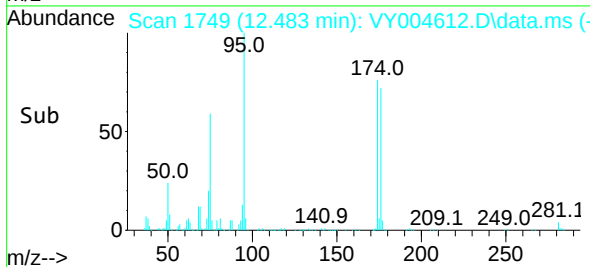
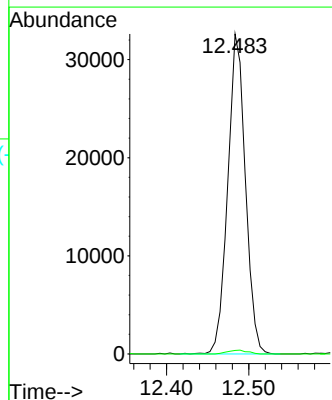
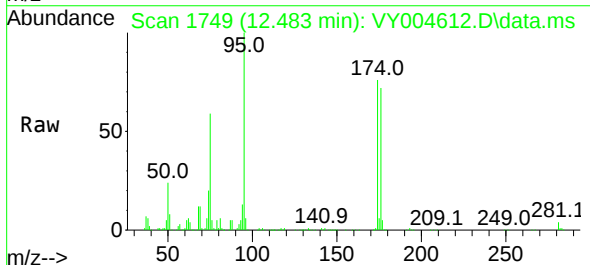
Instrument :
MSVOA_Y
ClientSampleId :
SB-39-0-2.0

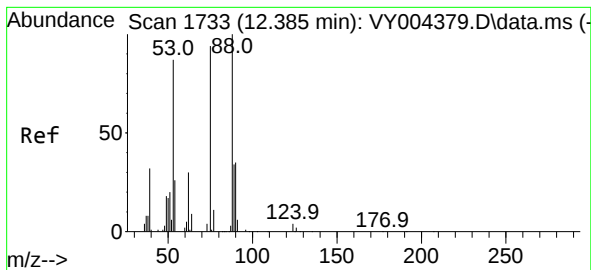
Tgt Ion:152 Resp: 86766
Ion Ratio Lower Upper
152 100
115 60.8 29.6 88.8
150 157.8 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 52.47 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004612.D
Acq: 23 Apr 2021 17:55

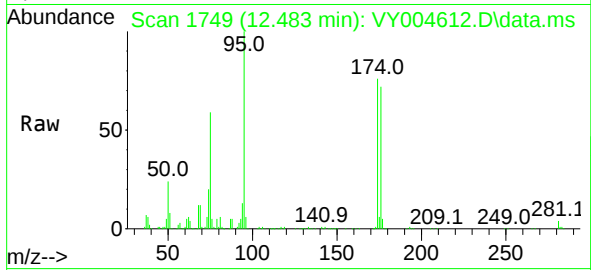
Tgt Ion: 75 Resp: 48863
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.87 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004612.D
 Acq: 23 Apr 2021 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-39-0-2.0



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	0.1	36.1	54.1#

