

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004481.D
 Acq On : 16 Apr 2021 19:38
 Operator : SY/MD
 Sample : M2048-16
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-0-2.0

Quant Time: Apr 17 00:58:01 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)

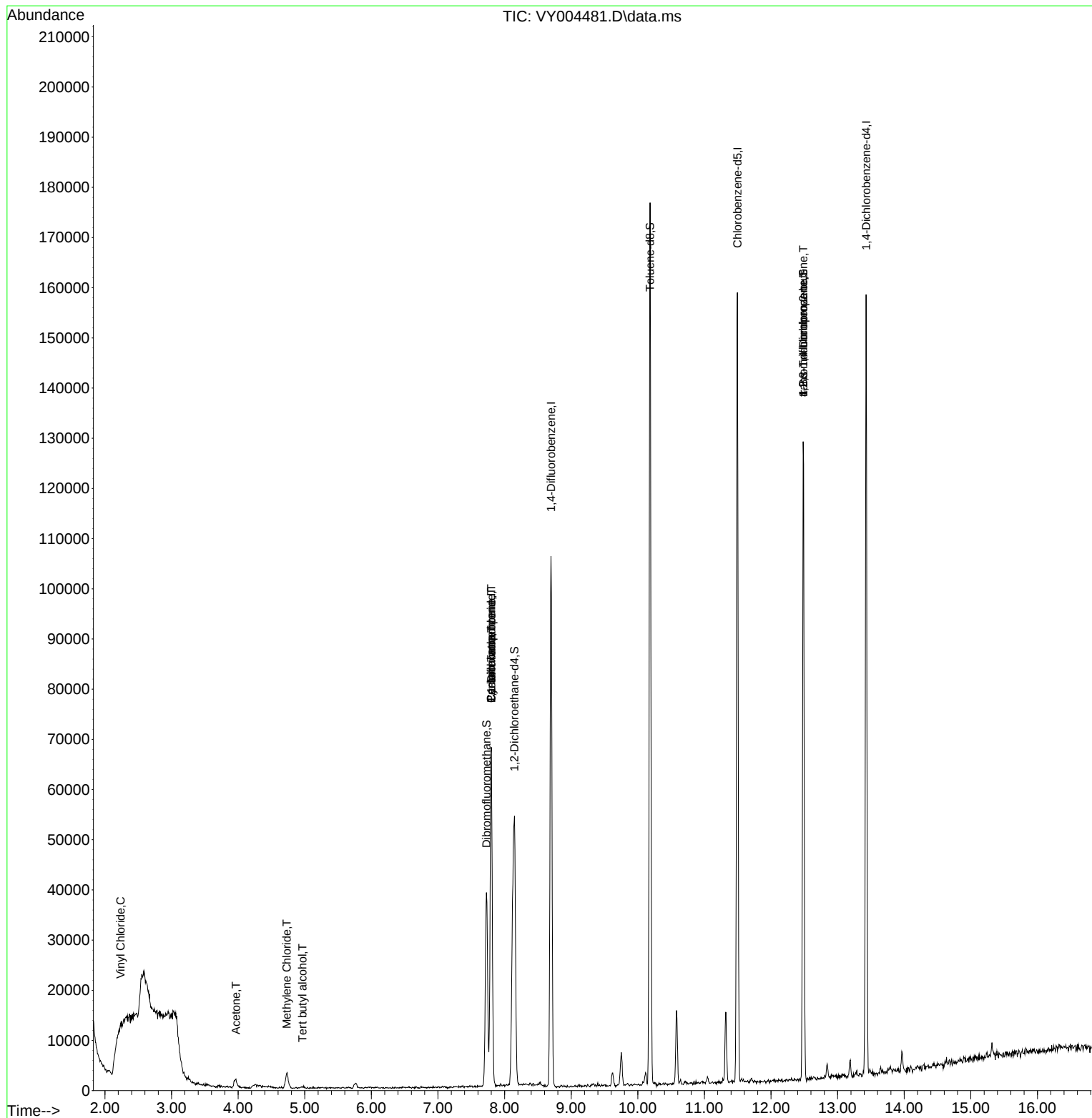
Internal Standards						
1) Pentafluorobenzene	7.801	168	50128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	88268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	80658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	36119	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	31664	56.85	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.70%
35) Dibromofluoromethane	7.728	113	27519	56.18	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.36%
50) Toluene-d8	10.185	98	107543	51.61	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.22%
62) 4-Bromofluorobenzene	12.483	95	35162	49.73	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.46%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.235	62	744	1.05	ug/l #	43
11) Tert butyl alcohol	4.966	59	454	8.27	ug/l #	73
16) Acetone	3.966	43	3471	10.97	ug/l	90
20) Methylene Chloride	4.728	84	2006	3.73	ug/l	94
31) Cyclohexane	7.801	56	1250	1.22	ug/l #	10
36) 1,1-Dichloropropene	7.801	75	4372	4.98	ug/l #	49
38) Carbon Tetrachloride	7.801	117	5102	6.73	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	19780	51.02	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	19780	91.28	ug/l #	12

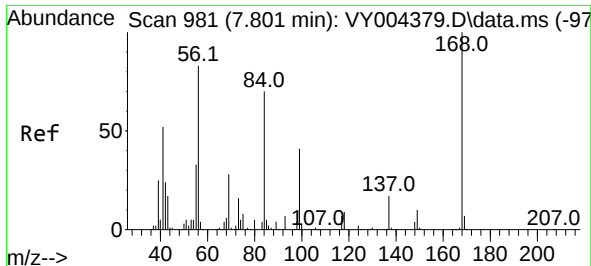
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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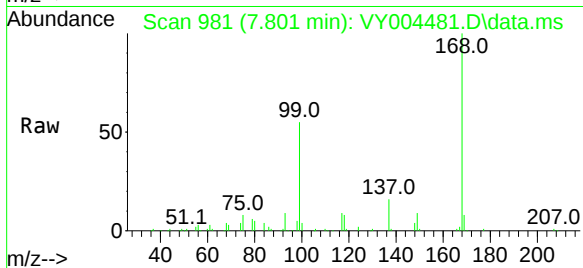
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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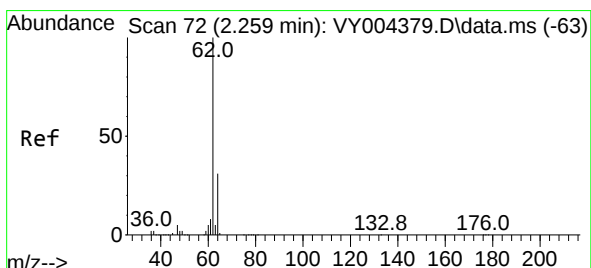
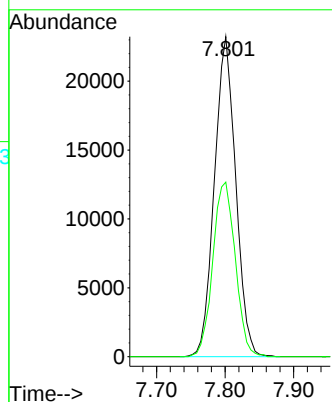
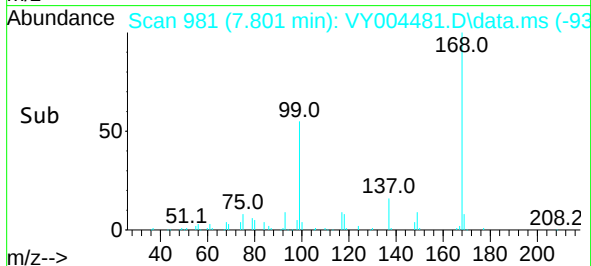


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004481.D
Acq: 16 Apr 2021 19:38

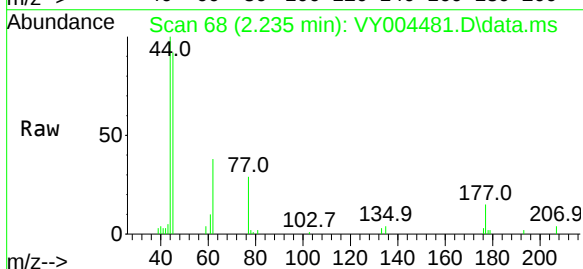
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-0-2.0



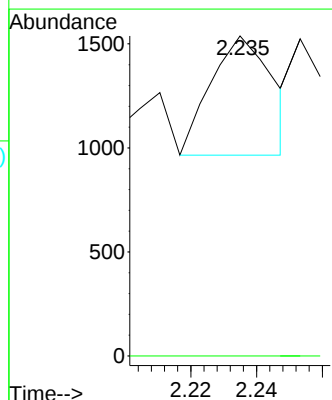
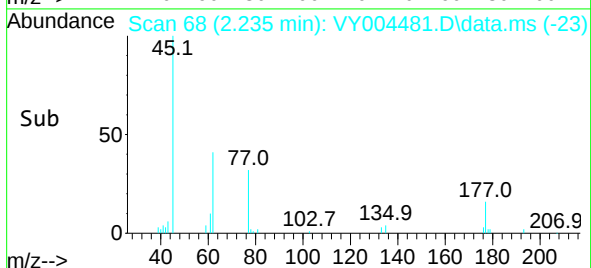
Tgt Ion:168 Resp: 50128
Ion Ratio Lower Upper
168 100
99 54.6 45.5 68.3

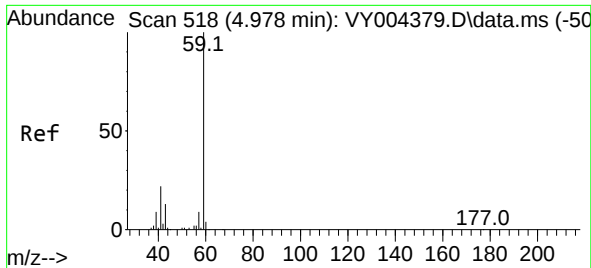


#4
Vinyl Chloride
Concen: 1.05 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.024 min
Lab File: VY004481.D
Acq: 16 Apr 2021 19:38



Tgt Ion: 62 Resp: 744
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



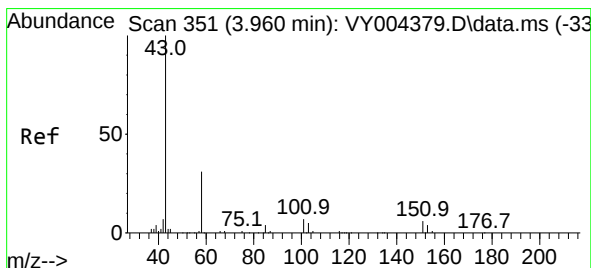
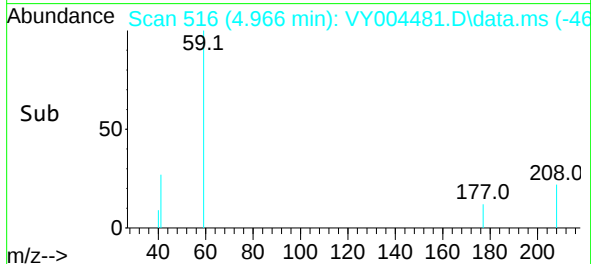
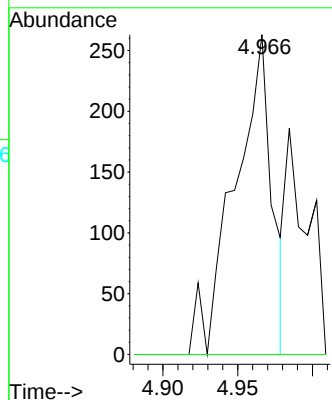
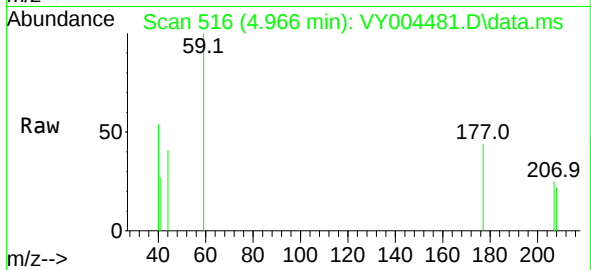


#11

Tert butyl alcohol
Concen: 8.27 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004481.D
Acq: 16 Apr 2021 19:38

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-0-2.0

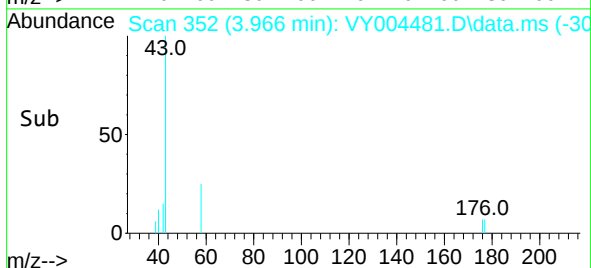
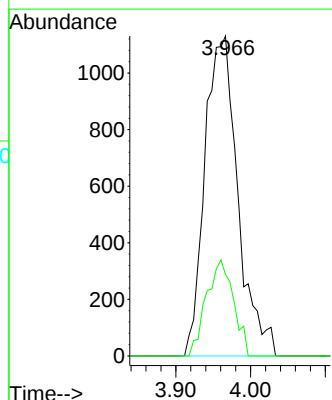
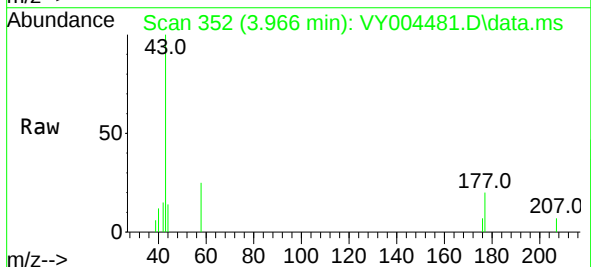
Tgt Ion: 59 Resp: 454
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

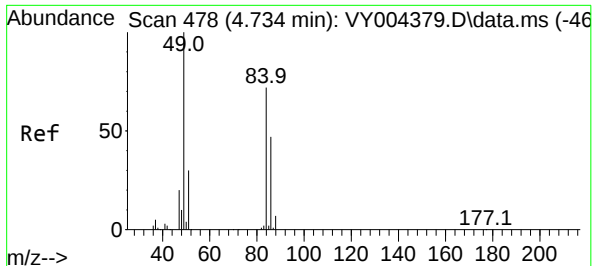


#16

Acetone
Concen: 10.97 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004481.D
Acq: 16 Apr 2021 19:38

Tgt Ion: 43 Resp: 3471
Ion Ratio Lower Upper
43 100
58 25.5 24.6 37.0





#20

Methylene Chloride

Concen: 3.73 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.006 min

Lab File: VY004481.D

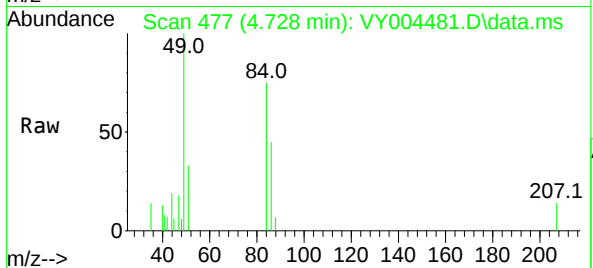
Acq: 16 Apr 2021 19:38

Instrument :

MSVOA_Y

ClientSampleId :

SB-06-0-2.0



Tgt Ion: 84 Resp: 2006

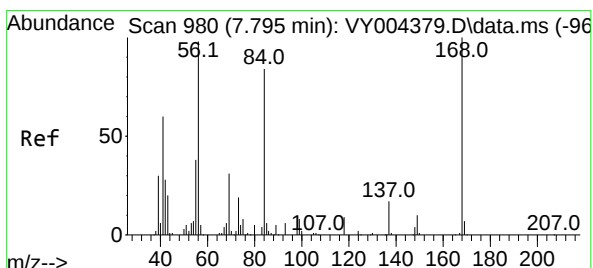
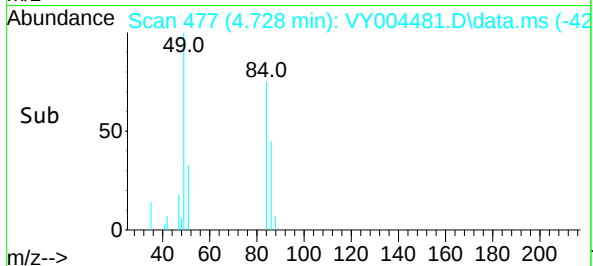
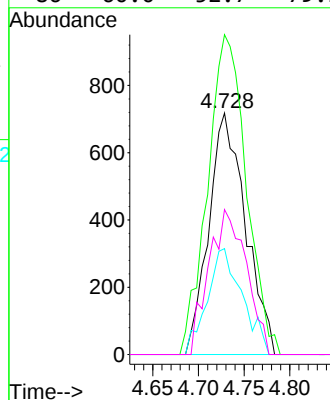
Ion Ratio Lower Upper

84 100

49 132.5 111.2 166.8

51 43.9 33.4 50.2

86 60.0 52.7 79.1



#31

Cyclohexane

Concen: 1.22 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY004481.D

Acq: 16 Apr 2021 19:38

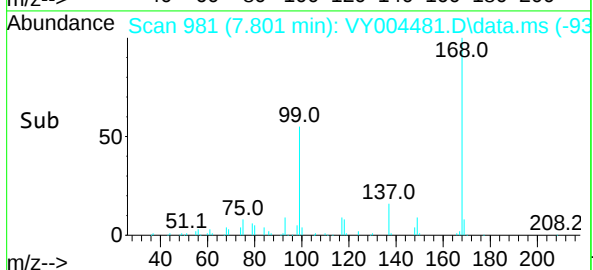
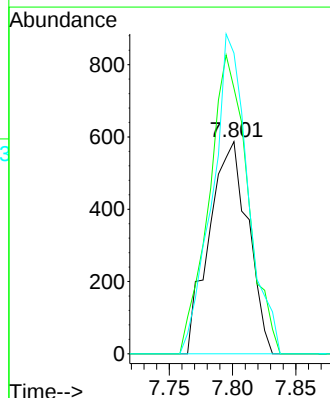
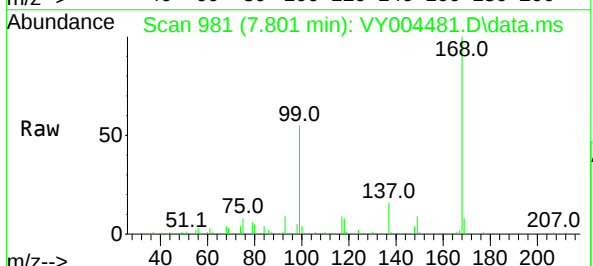
Tgt Ion: 56 Resp: 1250

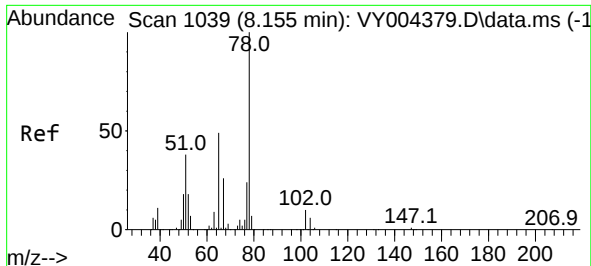
Ion Ratio Lower Upper

56 100

69 125.2 25.8 38.6#

84 141.7 68.2 102.4#

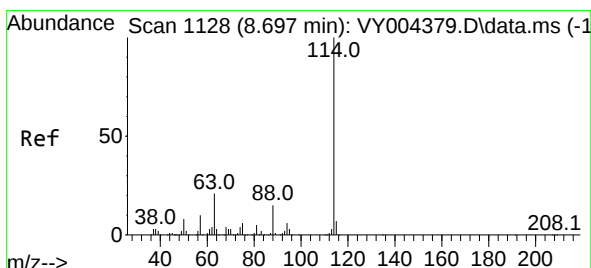
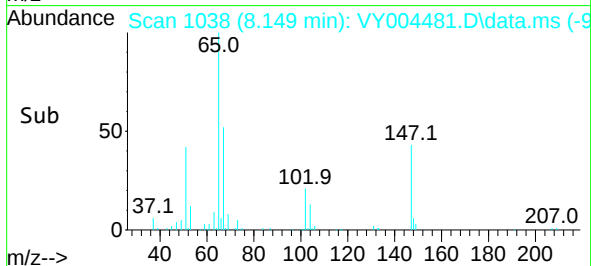
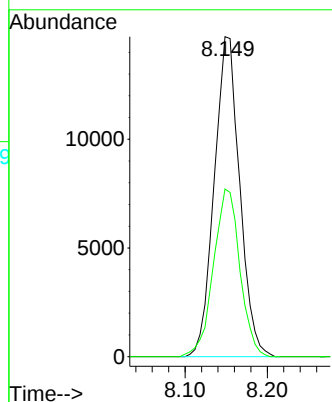
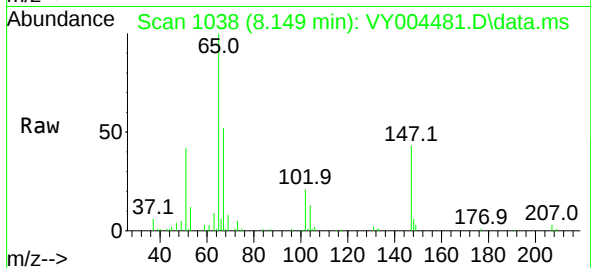




#33
 1,2-Dichloroethane-d4
 Concen: 56.85 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY004481.D
 Acq: 16 Apr 2021 19:38

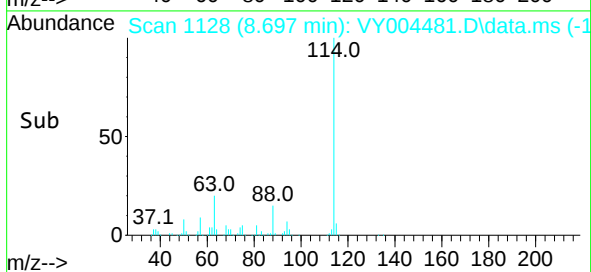
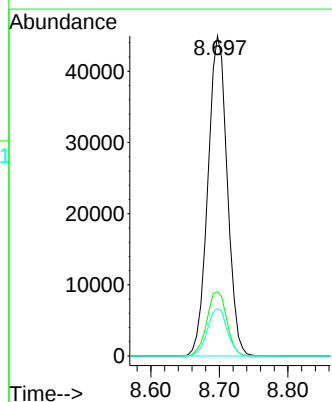
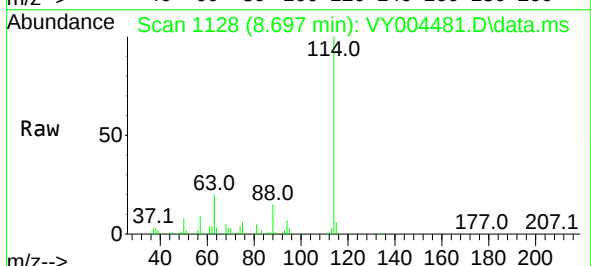
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-0-2.0

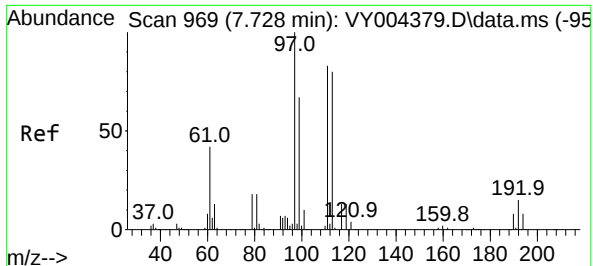
Tgt Ion: 65 Resp: 31664
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004481.D
 Acq: 16 Apr 2021 19:38

Tgt Ion: 114 Resp: 88268
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 14.7 0.0 30.8

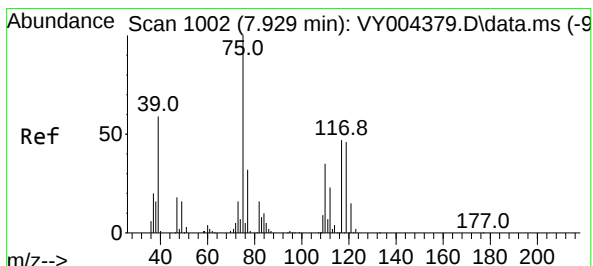
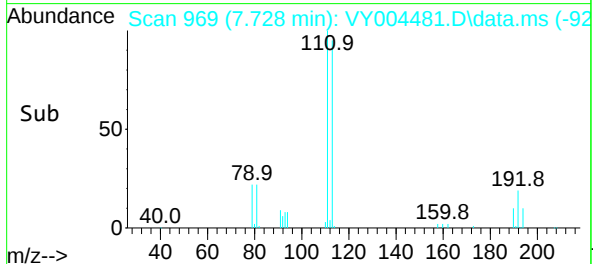
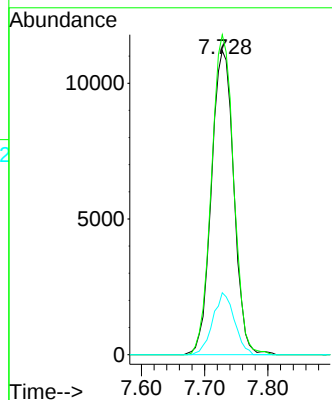
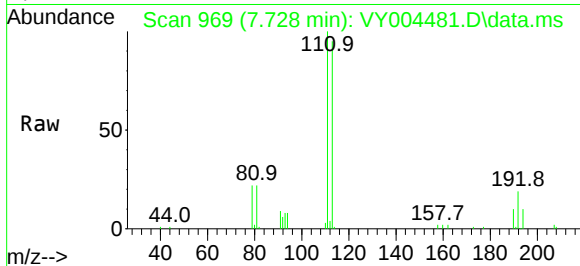




#35
Dibromofluoromethane
Concen: 56.18 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004481.D
Acq: 16 Apr 2021 19:38

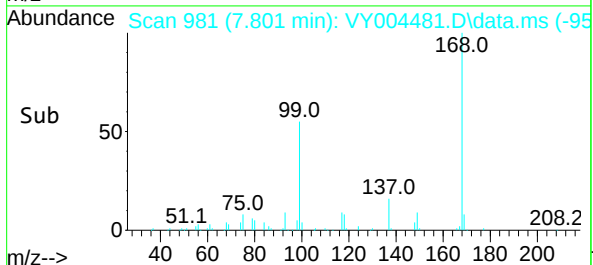
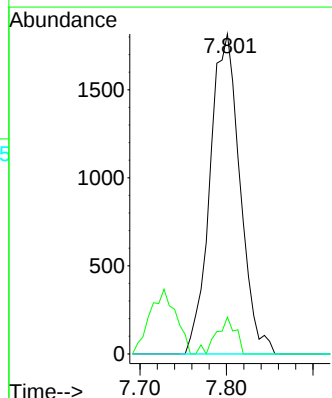
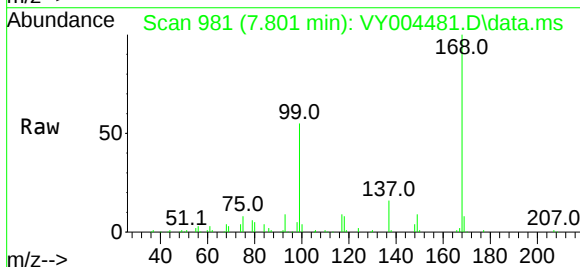
Instrument :
MSVOA_Y
ClientSampleId :
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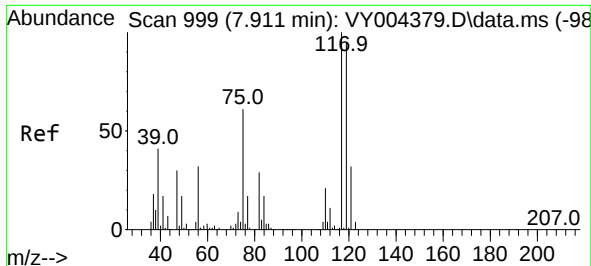
Tgt Ion:	113	Resp:	27519
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.6	123.8
192	19.6	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.98 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004481.D
Acq: 16 Apr 2021 19:38

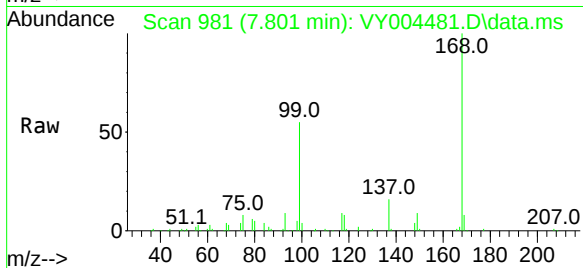
Tgt Ion:	75	Resp:	4372
Ion	Ratio	Lower	Upper
75	100		
110	7.2	17.3	51.7#
77	0.0	24.3	36.5#



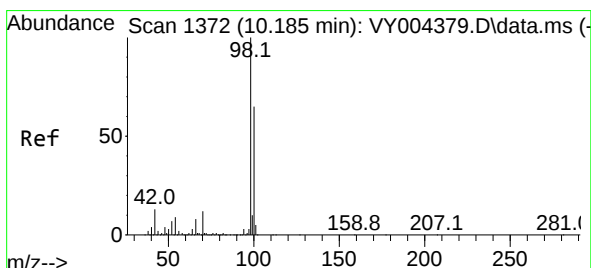
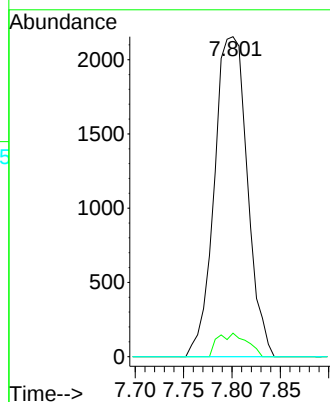
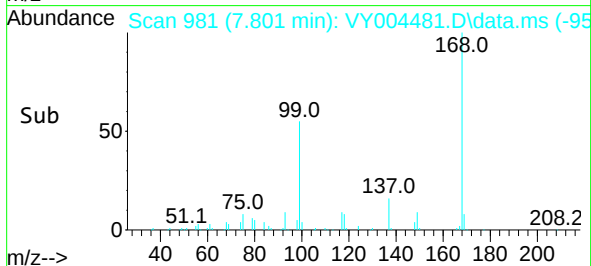


#38
Carbon Tetrachloride
Concen: 6.73 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004481.D
Acq: 16 Apr 2021 19:38

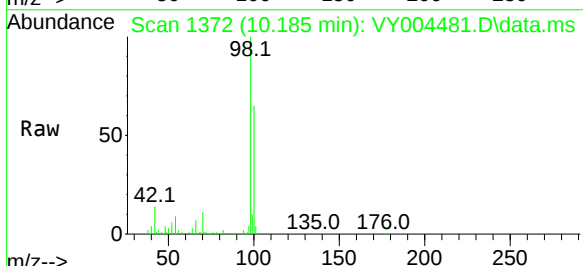
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ClientSampleId :
SB-06-0-2.0



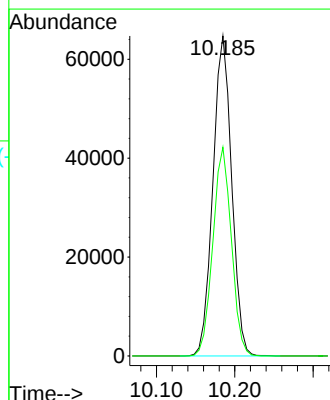
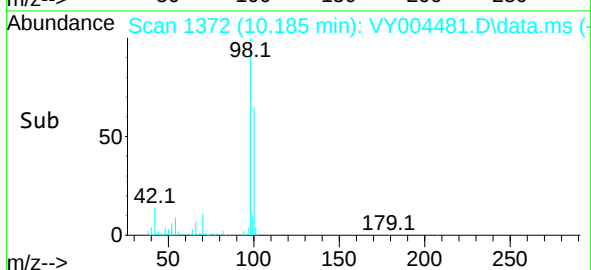
Tgt Ion:117 Resp: 5102
Ion Ratio Lower Upper
117 100
119 7.3 75.8 113.8#
121 0.0 25.3 37.9#

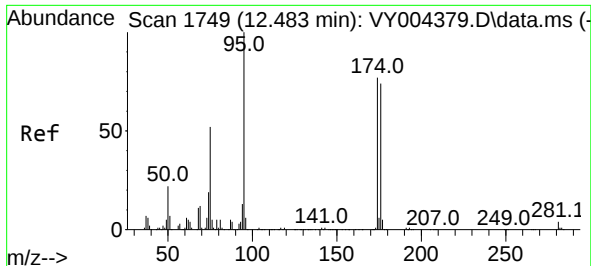


#50
Toluene-d8
Concen: 51.61 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004481.D
Acq: 16 Apr 2021 19:38



Tgt Ion: 98 Resp: 107543
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

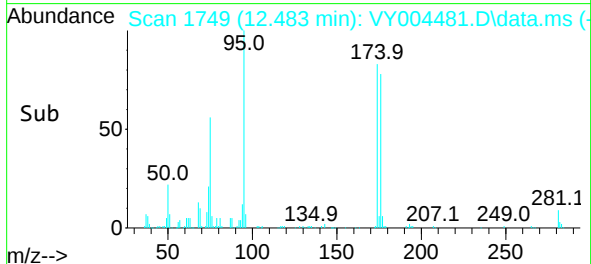
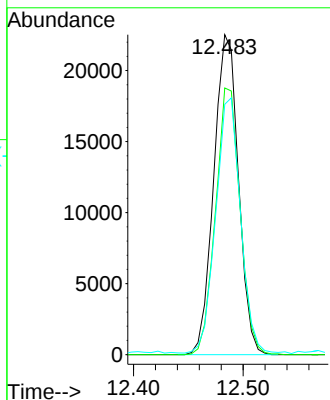
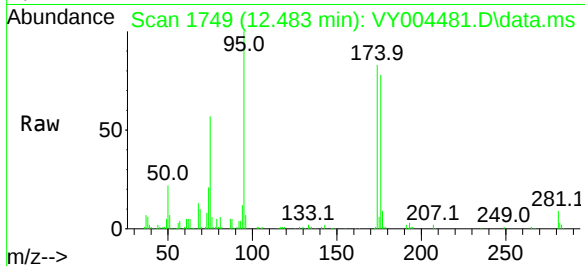




#62
4-Bromofluorobenzene
Concen: 49.73 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004481.D
Acq: 16 Apr 2021 19:38

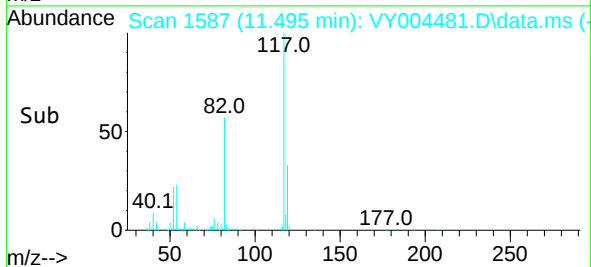
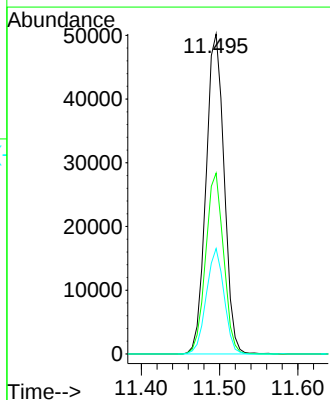
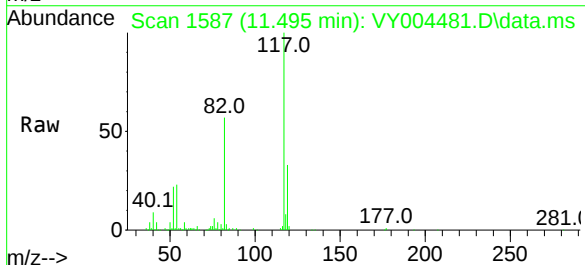
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-0-2.0

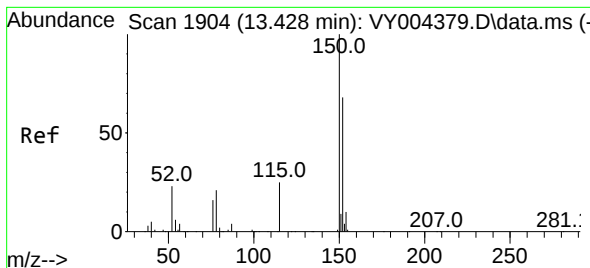
Tgt Ion: 95 Resp: 35162
Ion Ratio Lower Upper
95 100
174 83.1 0.0 162.4
176 80.7 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004481.D
Acq: 16 Apr 2021 19:38

Tgt Ion: 117 Resp: 80658
Ion Ratio Lower Upper
117 100
82 56.5 44.9 67.3
119 32.9 25.4 38.0

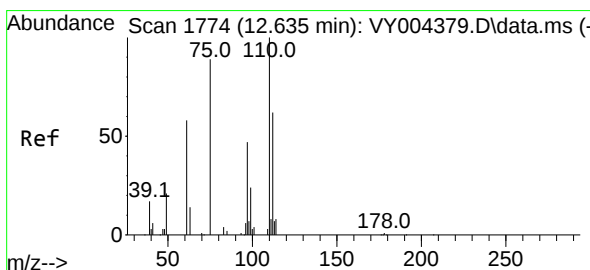
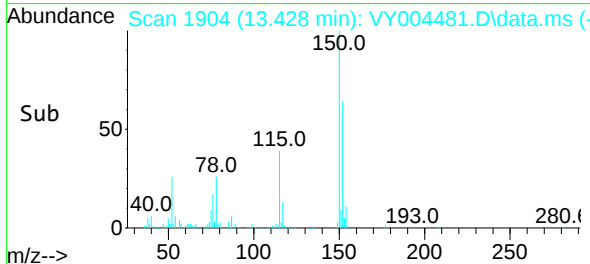
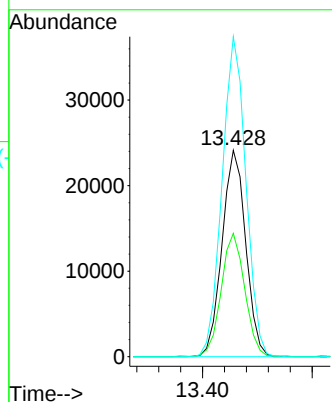
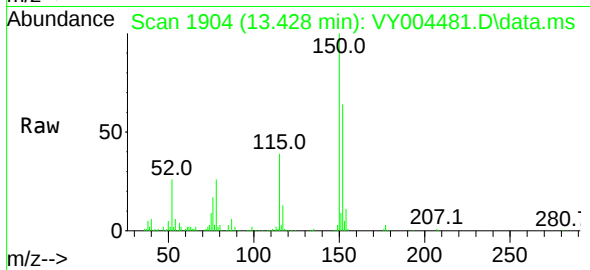




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004481.D
 Acq: 16 Apr 2021 19:38

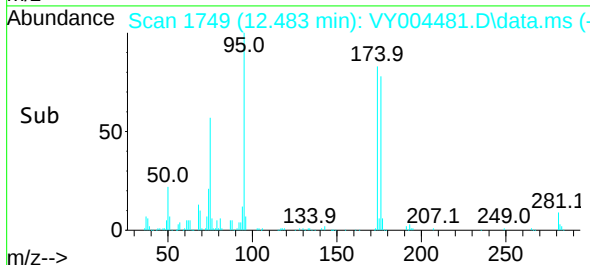
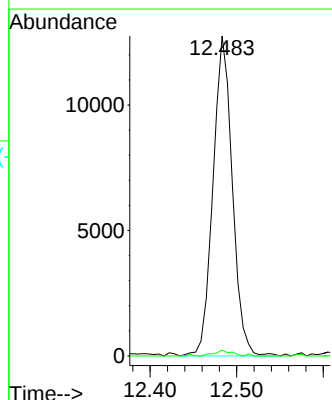
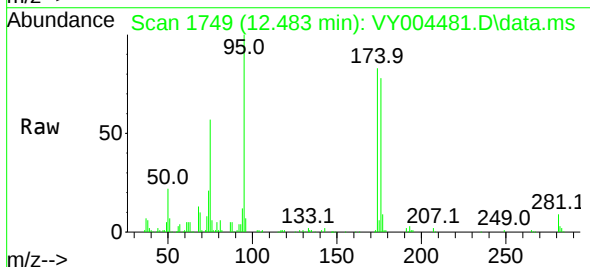
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-0-2.0

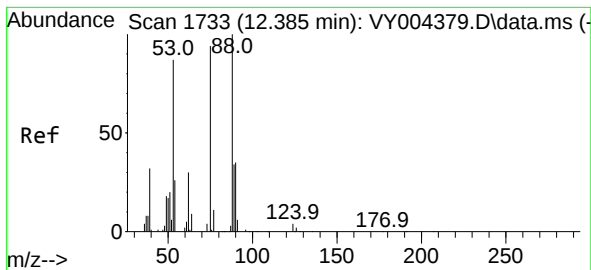
Tgt Ion:152 Resp: 36119
 Ion Ratio Lower Upper
 152 100
 115 59.7 29.6 88.8
 150 156.1 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 51.02 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004481.D
 Acq: 16 Apr 2021 19:38

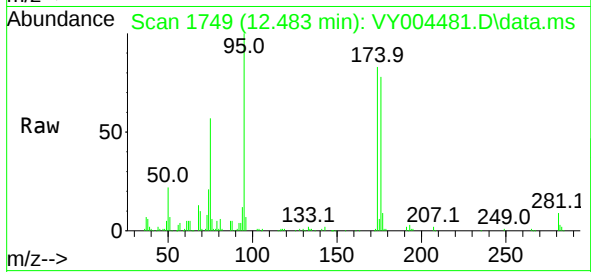
Tgt Ion: 75 Resp: 19780
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.28 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004481.D
 Acq: 16 Apr 2021 19:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-0-2.0



Tgt Ion: 75 Resp: 19780
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.4 36.1 54.1#

