

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004494.D
 Acq On : 19 Apr 2021 13:42
 Operator : SY/MD
 Sample : M2048-16
 Misc : 5.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Apr 20 01:47:42 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)

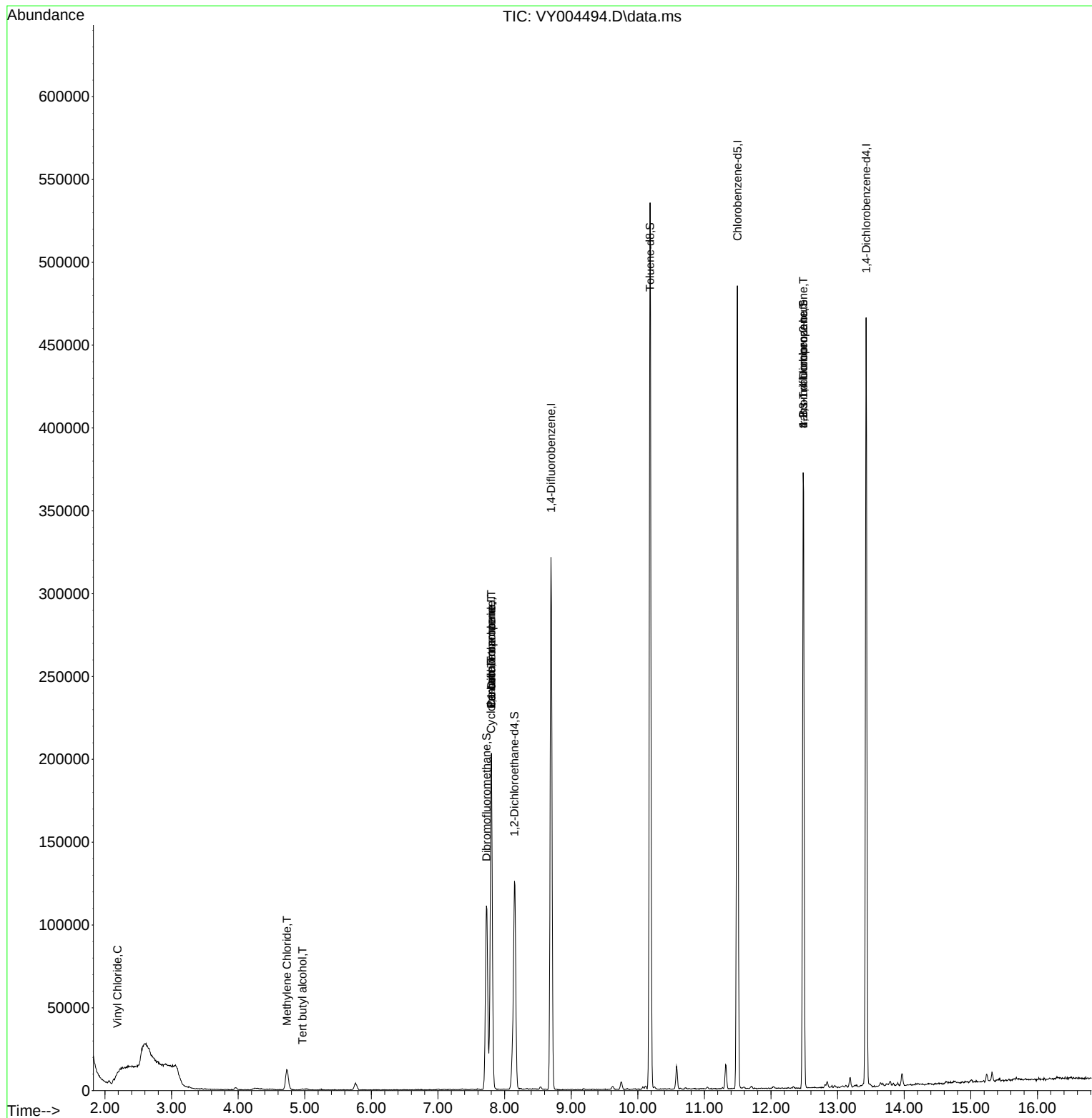
Internal Standards						
1) Pentafluorobenzene	7.801	168	149328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	259898	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	243568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	91937	55.41	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.82%
35) Dibromofluoromethane	7.728	113	78381	54.34	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.68%
50) Toluene-d8	10.185	98	319982	52.16	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.32%
62) 4-Bromofluorobenzene	12.483	95	106859	51.33	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.66%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.186	62	3410	1.61	ug/l #	43
11) Tert butyl alcohol	4.966	59	721	4.41	ug/l #	73
16) Acetone	3.966	43	2294	Below Cal	#	84
20) Methylene Chloride	4.735	84	8650	5.40	ug/l	91
31) Cyclohexane	7.795	56	3781	1.24	ug/l #	22
36) 1,1-Dichloropropene	7.801	75	11653	4.51	ug/l #	52
38) Carbon Tetrachloride	7.801	117	14818	6.64	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	58355	50.08	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58355	89.59	ug/l #	12

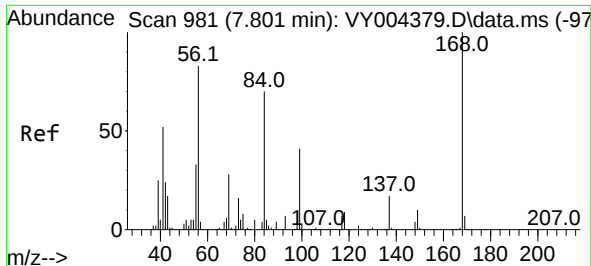
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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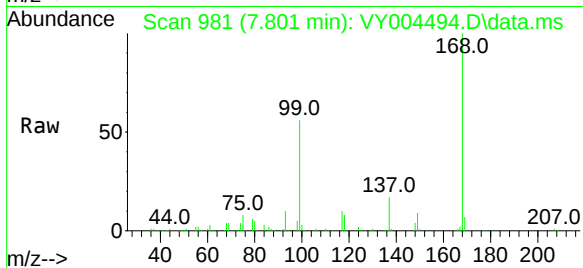
Quant Time: Apr 20 01:47:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
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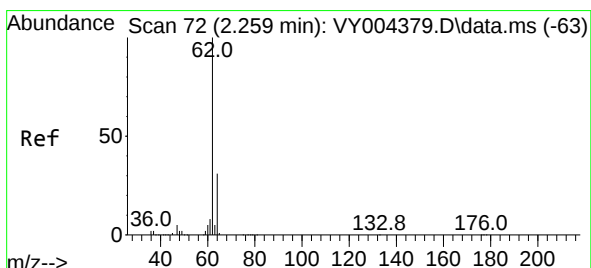
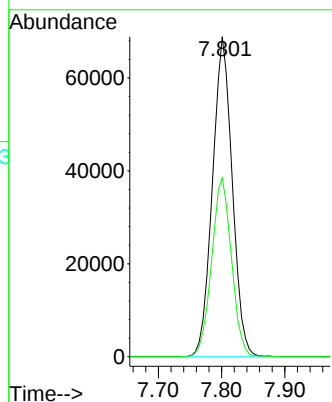
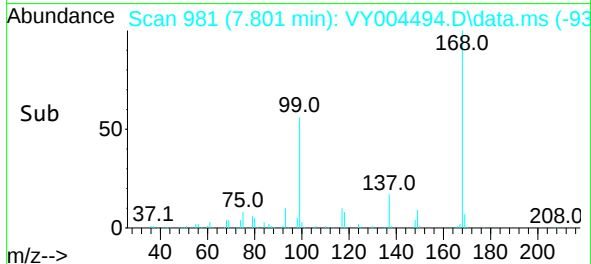


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004494.D
Acq: 19 Apr 2021 13:42

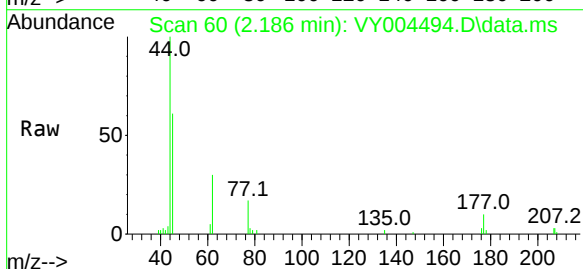
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-0-2.0



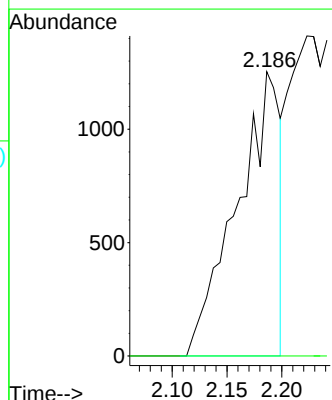
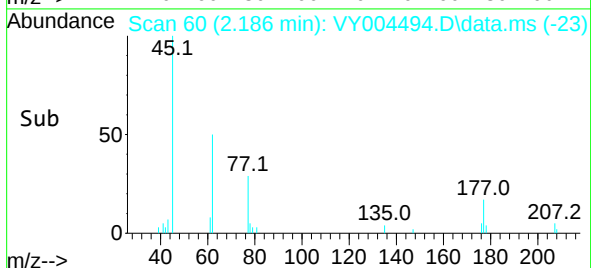
Tgt Ion:168 Resp: 149328
Ion Ratio Lower Upper
168 100
99 55.8 45.5 68.3

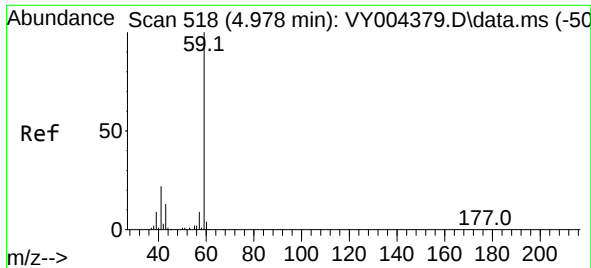


#4
Vinyl Chloride
Concen: 1.61 ug/l
RT: 2.186 min Scan# 60
Delta R.T. -0.073 min
Lab File: VY004494.D
Acq: 19 Apr 2021 13:42



Tgt Ion: 62 Resp: 3410
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

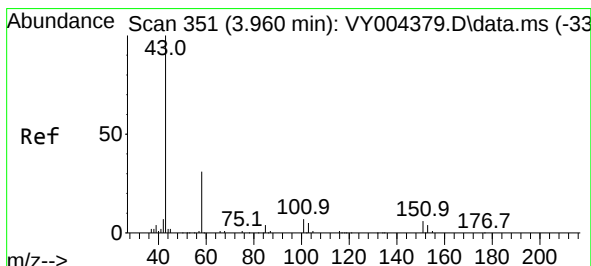
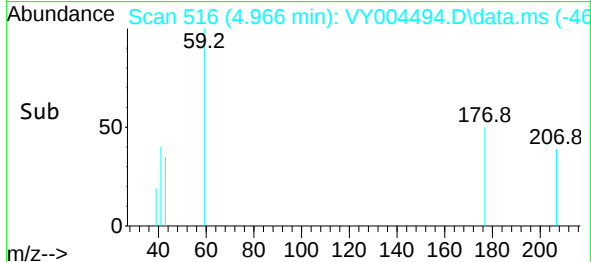
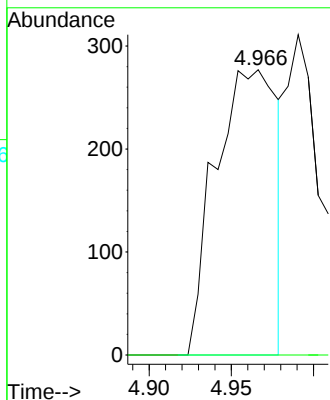
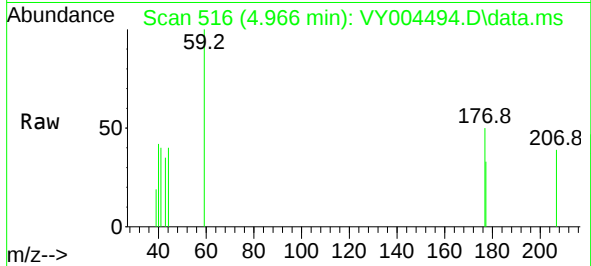




#11
Tert butyl alcohol
Concen: 4.41 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004494.D
Acq: 19 Apr 2021 13:42

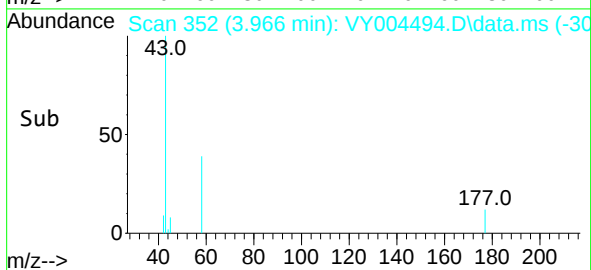
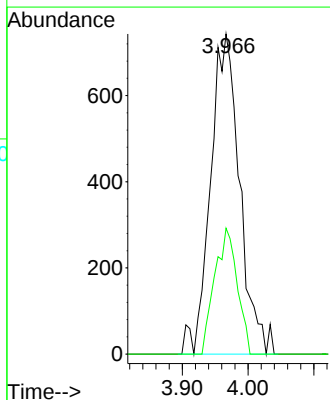
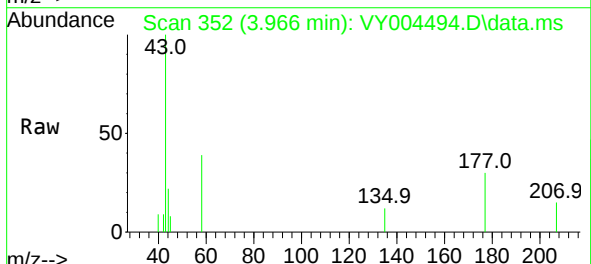
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-0-2.0

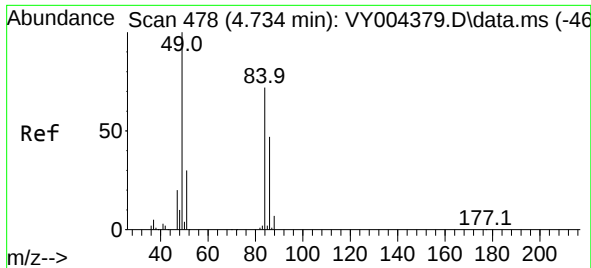
Tgt Ion: 59 Resp: 721
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004494.D
Acq: 19 Apr 2021 13:42

Tgt Ion: 43 Resp: 2294
Ion Ratio Lower Upper
43 100
58 39.3 24.6 37.0#

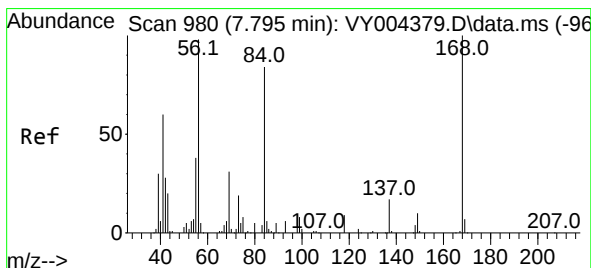
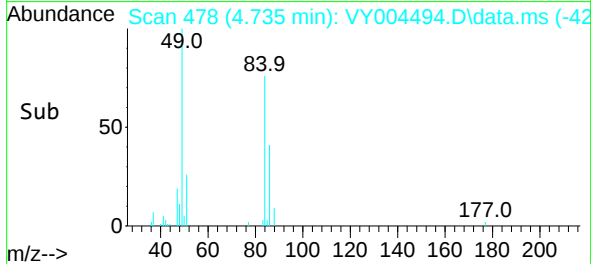
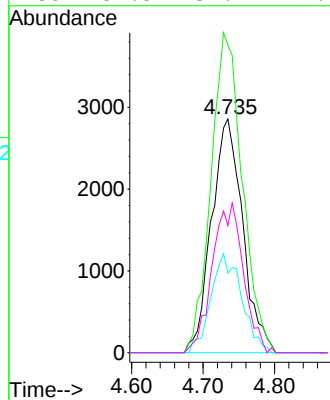
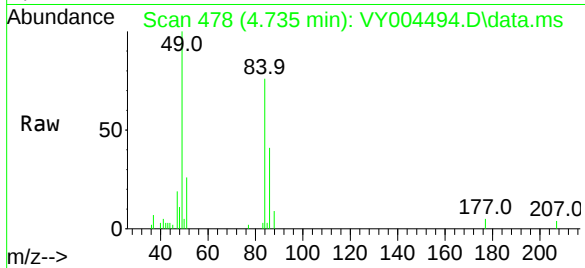




#20
Methylene Chloride
Concen: 5.40 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004494.D
Acq: 19 Apr 2021 13:42

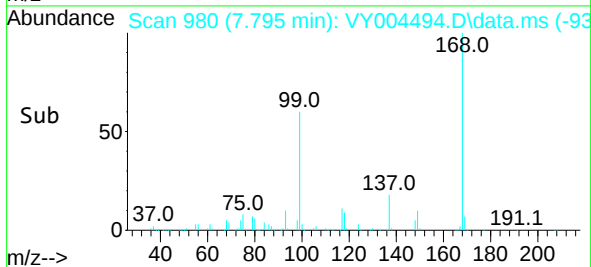
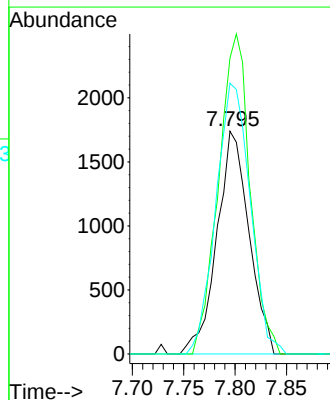
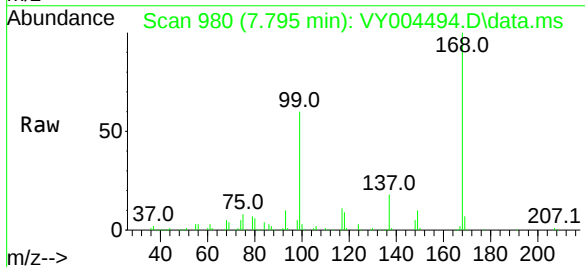
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-0-2.0

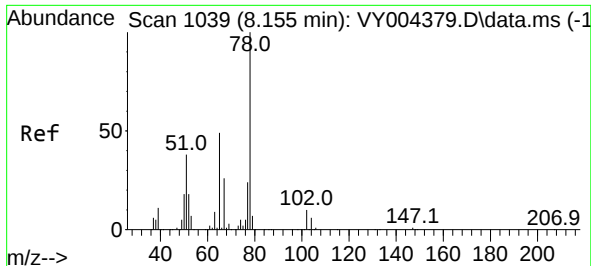
Tgt Ion:	84	Resp:	8650
Ion	Ratio	Lower	Upper
84	100		
49	131.7	111.2	166.8
51	34.1	33.4	50.2
86	54.5	52.7	79.1



#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004494.D
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Tgt Ion:	56	Resp:	3781
Ion	Ratio	Lower	Upper
56	100		
69	132.8	25.8	38.6#
84	121.6	68.2	102.4#

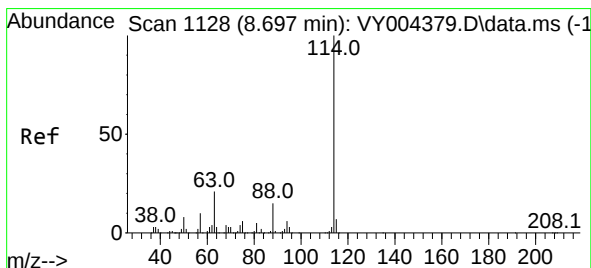
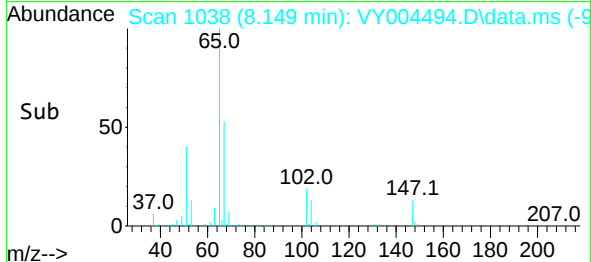
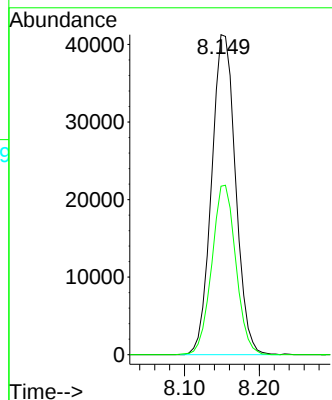
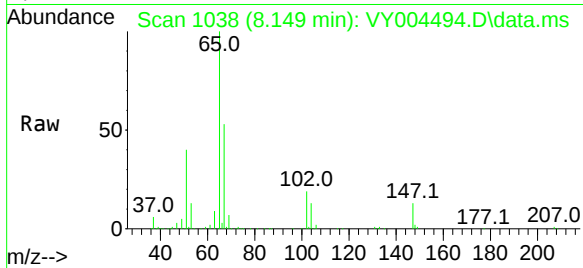




#33
 1,2-Dichloroethane-d4
 Concen: 55.41 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY004494.D
 Acq: 19 Apr 2021 13:42

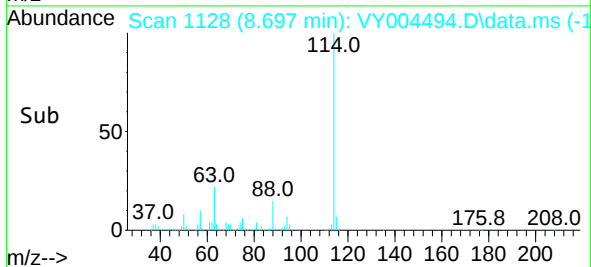
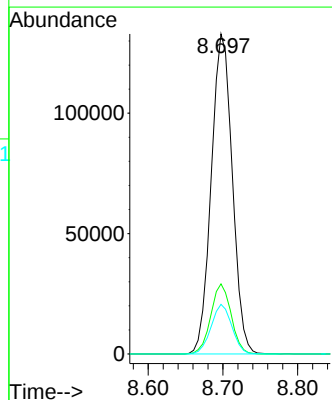
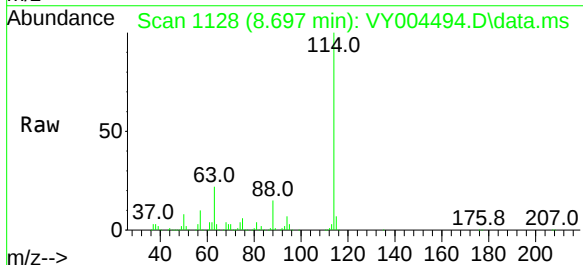
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-0-2.0

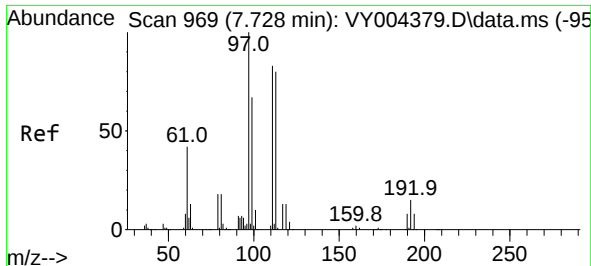
Tgt Ion: 65 Resp: 91937
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004494.D
 Acq: 19 Apr 2021 13:42

Tgt Ion: 114 Resp: 259898
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 42.4
 88 15.5 0.0 30.8

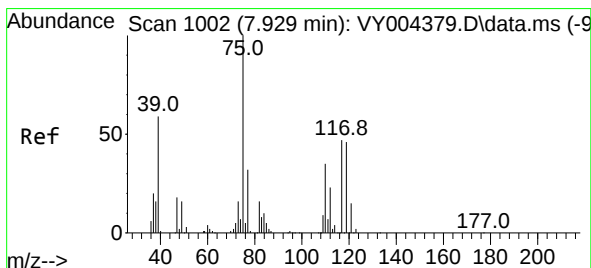
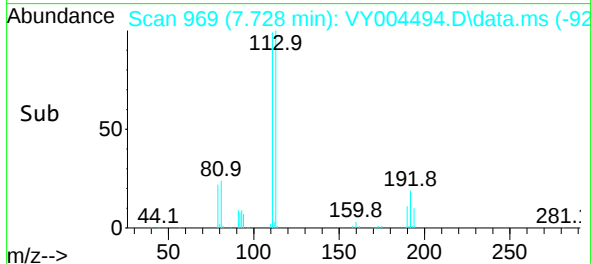
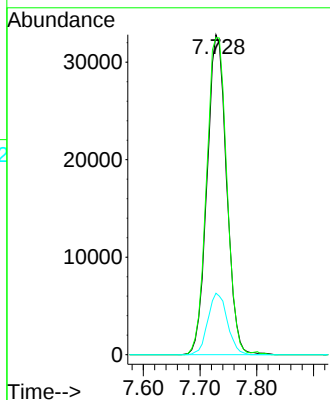
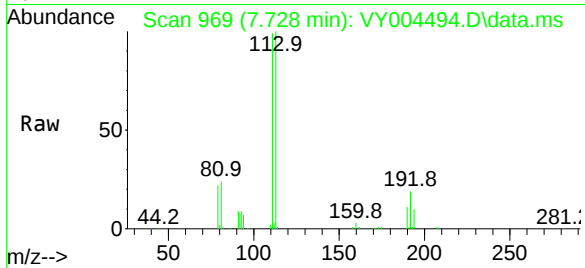




#35
Dibromofluoromethane
Concen: 54.34 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004494.D
Acq: 19 Apr 2021 13:42

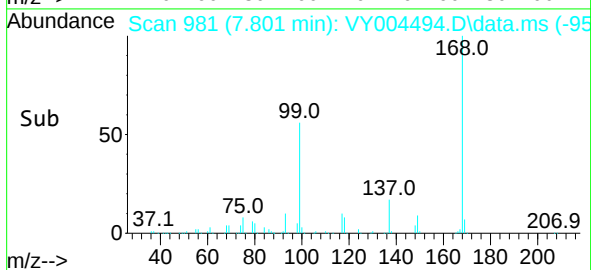
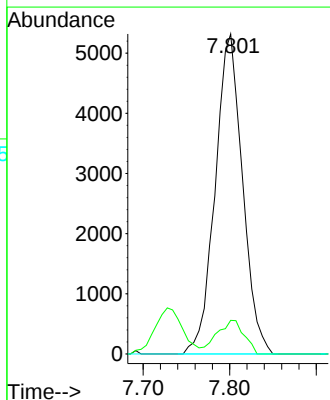
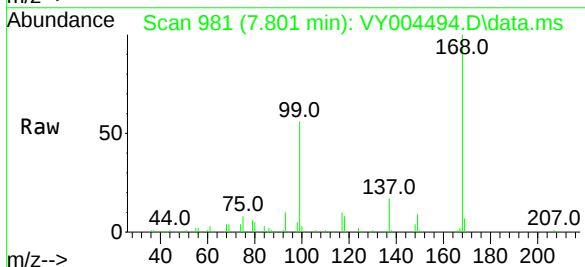
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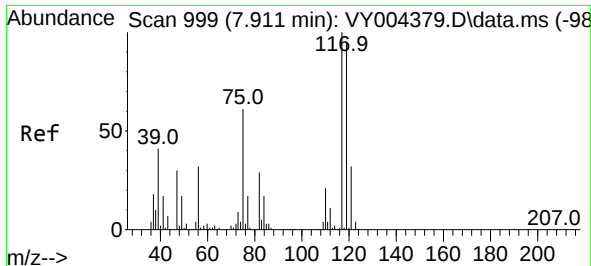
Tgt Ion:113 Resp: 78381
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 19.1 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004494.D
Acq: 19 Apr 2021 13:42

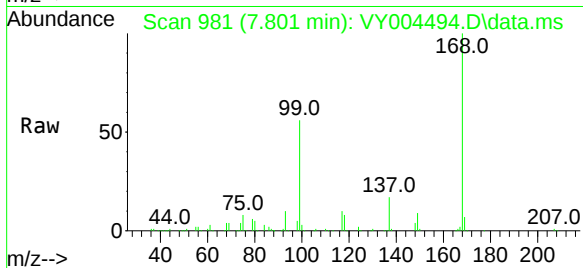
Tgt Ion: 75 Resp: 11653
Ion Ratio Lower Upper
75 100
110 10.5 17.3 51.7#
77 0.0 24.3 36.5#



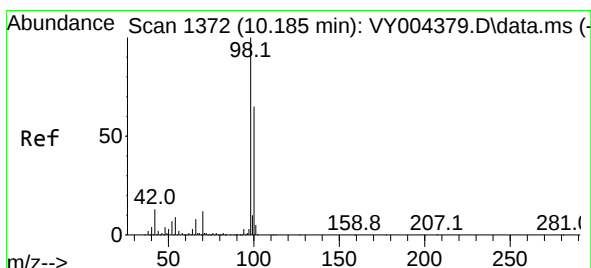
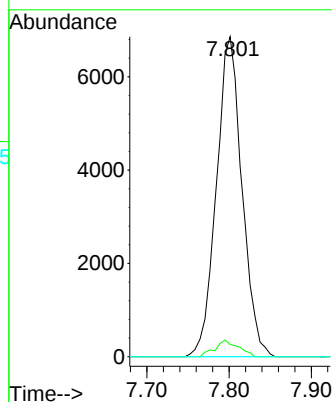
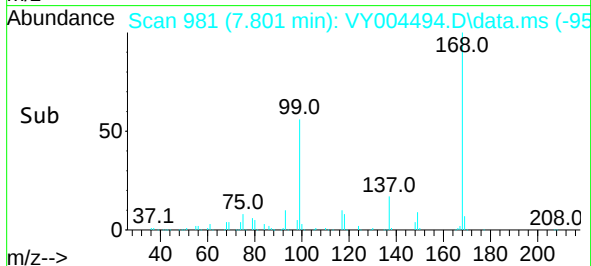


#38
Carbon Tetrachloride
Concen: 6.64 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004494.D
Acq: 19 Apr 2021 13:42

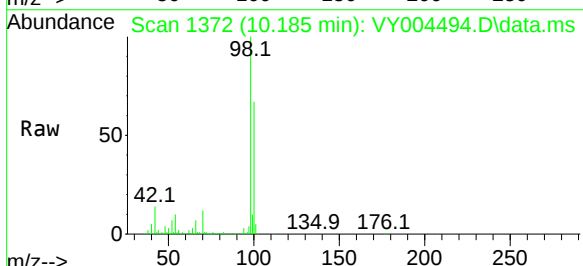
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ClientSampleId :
SB-06-0-2.0



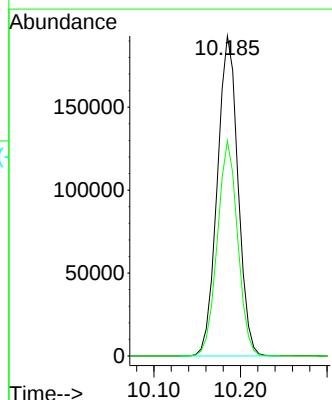
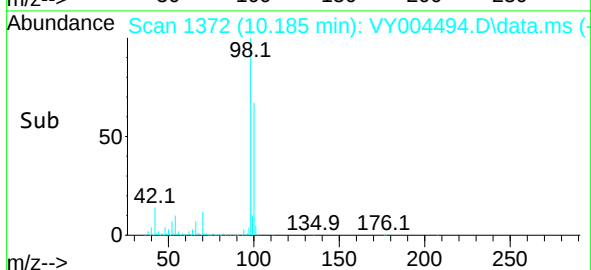
Tgt Ion:117 Resp: 14818
Ion Ratio Lower Upper
117 100
119 3.8 75.8 113.8#
121 0.0 25.3 37.9#

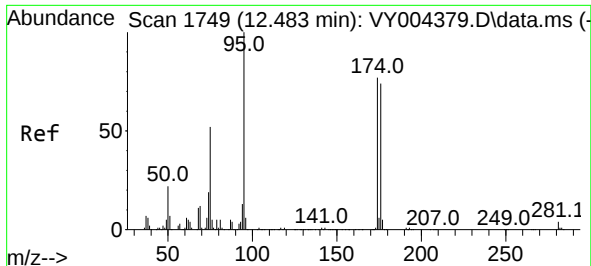


#50
Toluene-d8
Concen: 52.16 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004494.D
Acq: 19 Apr 2021 13:42



Tgt Ion: 98 Resp: 319982
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6

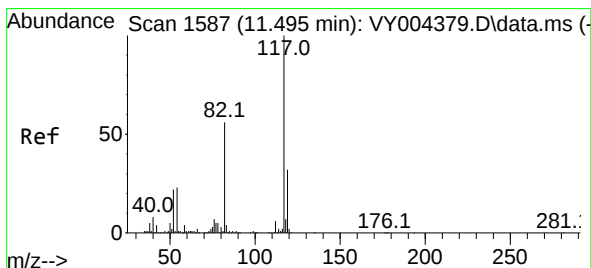
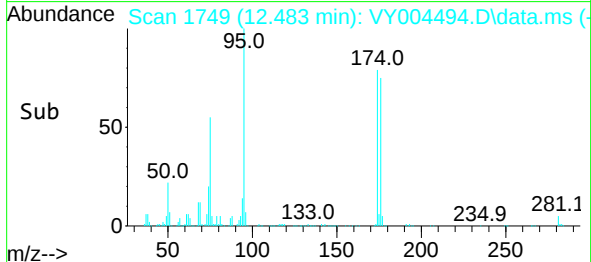
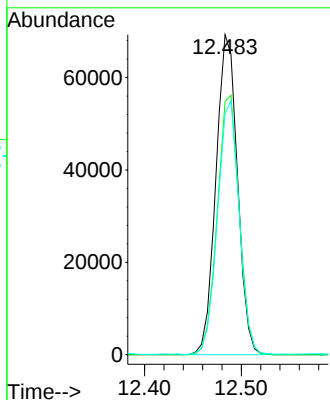
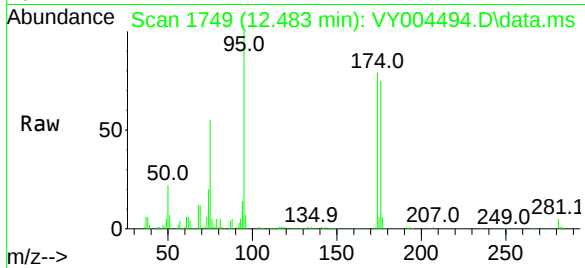




#62
4-Bromofluorobenzene
Concen: 51.33 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004494.D
Acq: 19 Apr 2021 13:42

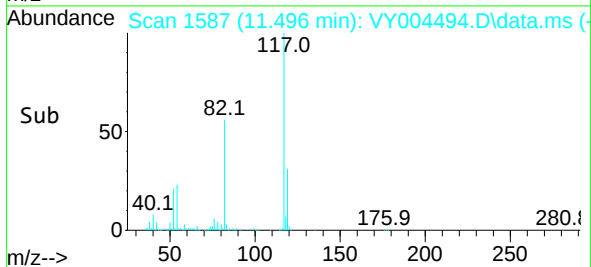
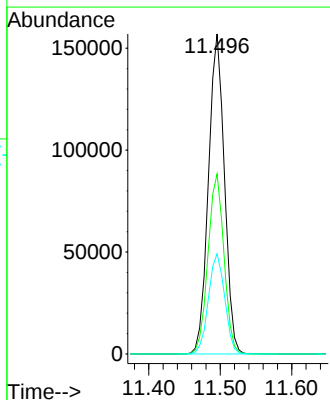
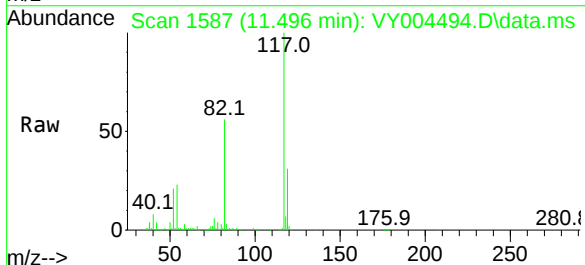
Instrument :
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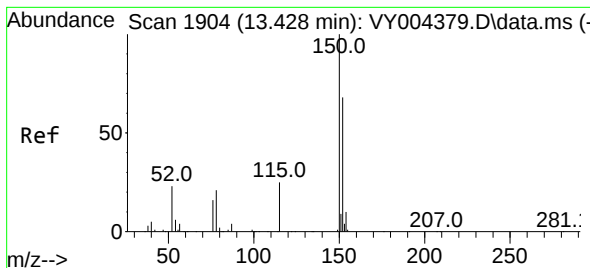
Tgt Ion: 95 Resp: 106859
Ion Ratio Lower Upper
95 100
174 82.4 0.0 162.4
176 80.0 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004494.D
Acq: 19 Apr 2021 13:42

Tgt Ion: 117 Resp: 243568
Ion Ratio Lower Upper
117 100
82 56.3 44.9 67.3
119 31.3 25.4 38.0

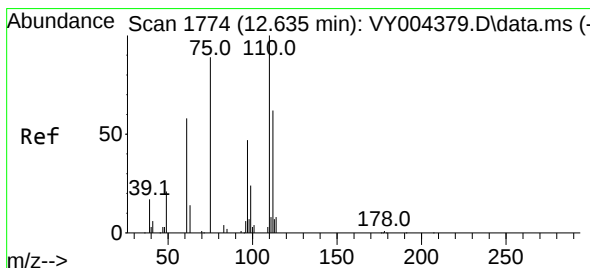
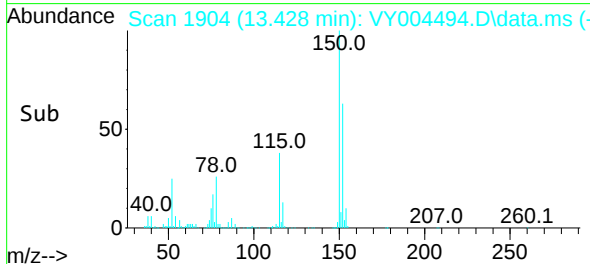
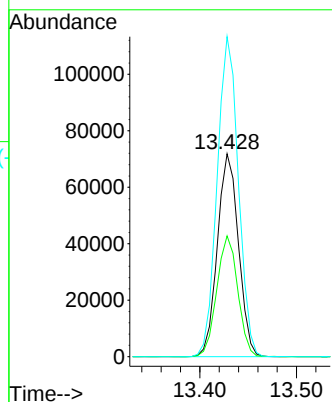
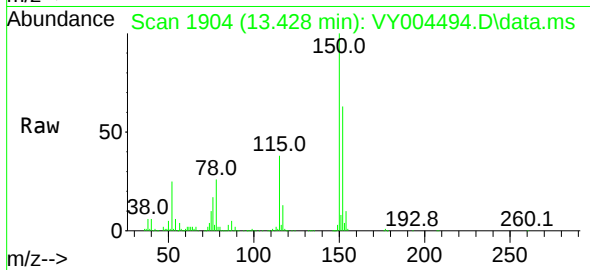




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004494.D
 Acq: 19 Apr 2021 13:42

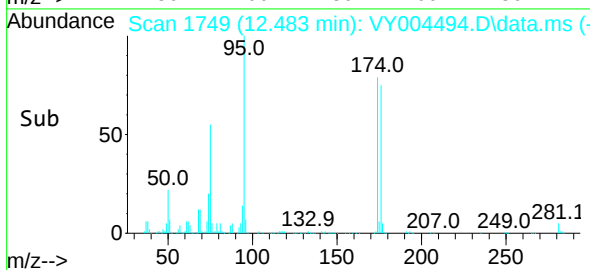
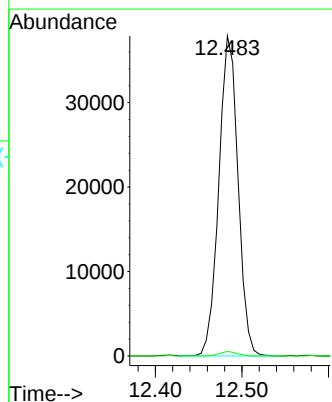
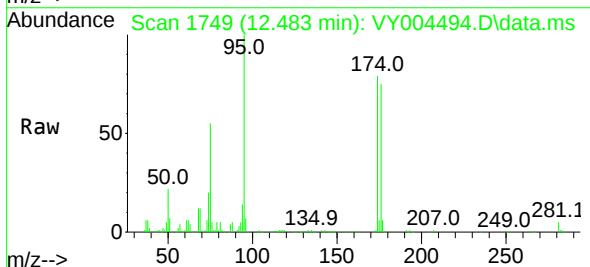
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-0-2.0

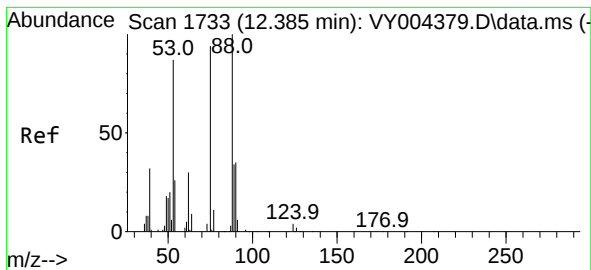
Tgt Ion:152 Resp: 108569
 Ion Ratio Lower Upper
 152 100
 115 59.2 29.6 88.8
 150 158.9 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 50.08 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004494.D
 Acq: 19 Apr 2021 13:42

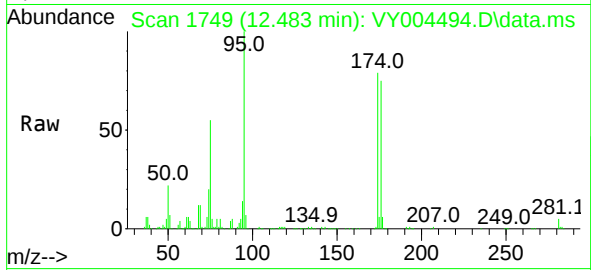
Tgt Ion: 75 Resp: 58355
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.59 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004494.D
 Acq: 19 Apr 2021 13:42

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



Tgt Ion: 75 Resp: 58355
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.0 36.1 54.1#

