

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005763.D
 Acq On : 19 Aug 2021 12:52
 Operator : SY/MD
 Sample : M3414-05RE
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-4A

Quant Time: Aug 20 06:55:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

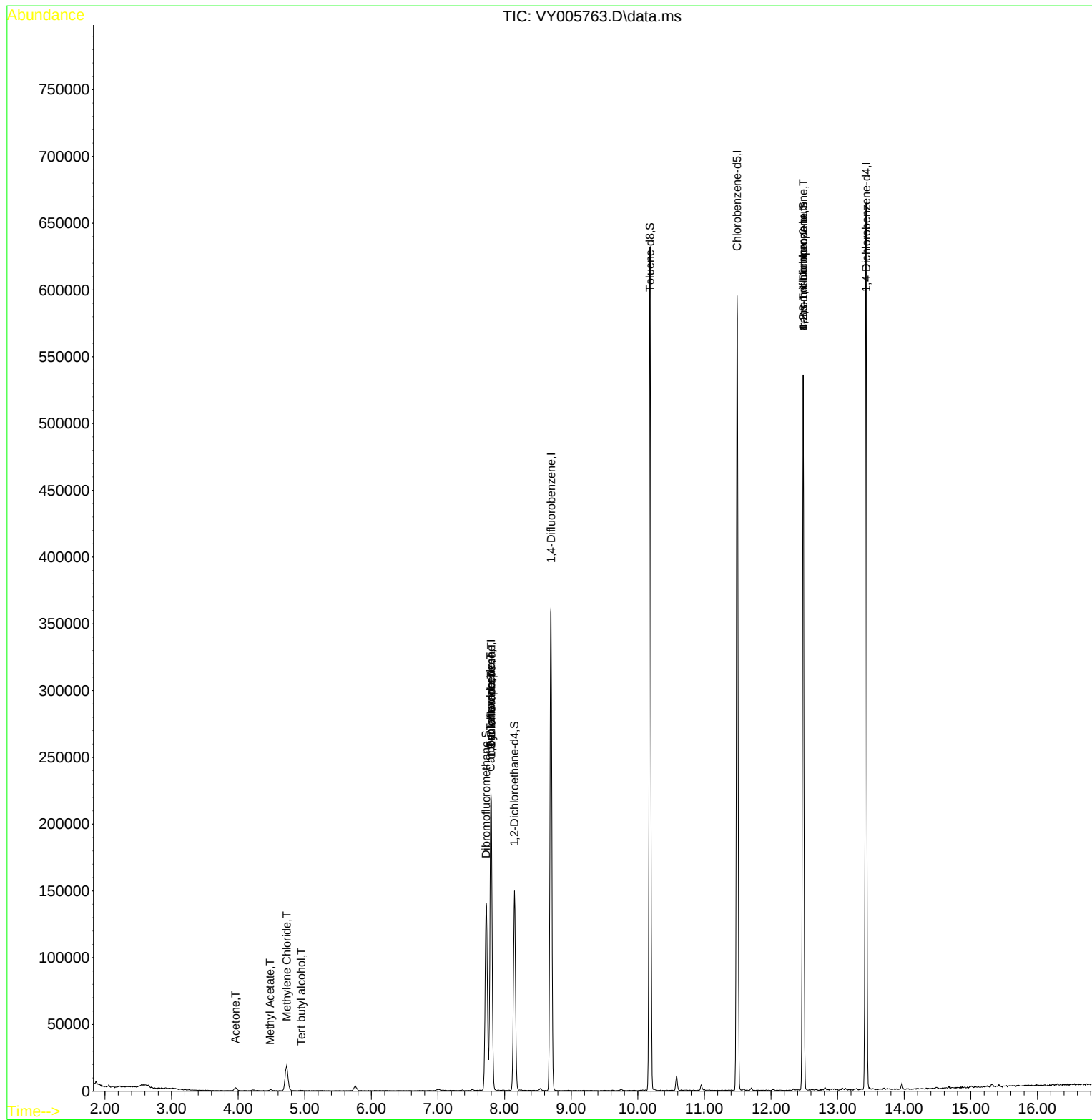
Internal Standards						
1) Pentafluorobenzene	7.795	168	180880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	310182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	323969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	120110	65.600	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	131.200%	
35) Dibromofluoromethane	7.722	113	95972	55.263	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	110.520%	
50) Toluene-d8	10.185	98	399384	54.835	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	109.680%	
62) 4-Bromofluorobenzene	12.483	95	144610	59.958	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	119.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	266	1.470	ug/l #	73
16) Acetone	3.960	43	4484	9.713	ug/l	92
18) Methyl Acetate	4.478	43	1474	1.221	ug/l #	76
20) Methylene Chloride	4.728	84	13825	1.697	ug/l	92
31) Cyclohexane	7.795	56	3699	1.178	ug/l #	28
36) 1,1-Dichloropropene	7.801	75	13040	4.482	ug/l #	48
38) Carbon Tetrachloride	7.789	117	16761	5.301	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	80078	44.900	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80078	90.512	ug/l #	11

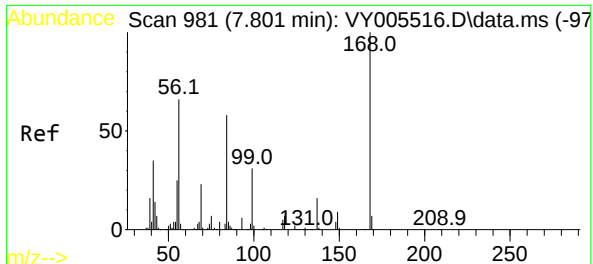
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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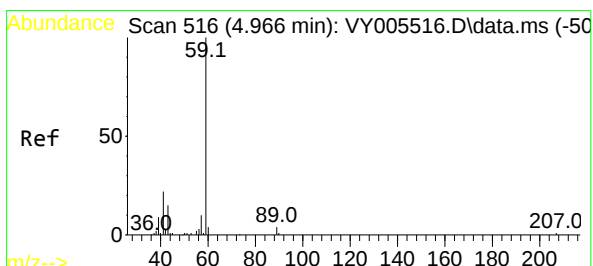
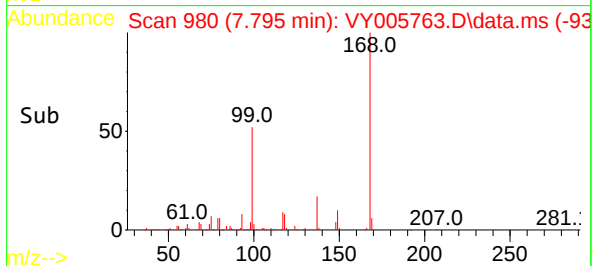
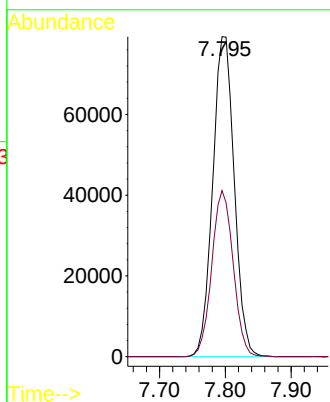
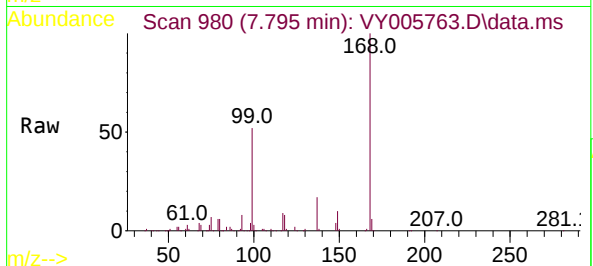




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005763.D
Acq: 19 Aug 2021 12:52

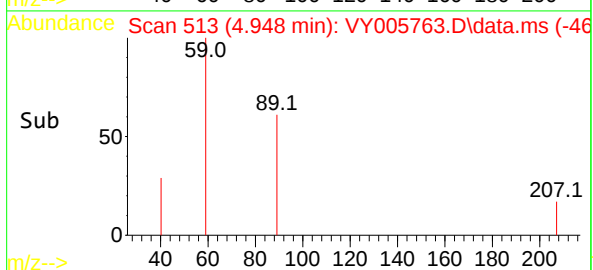
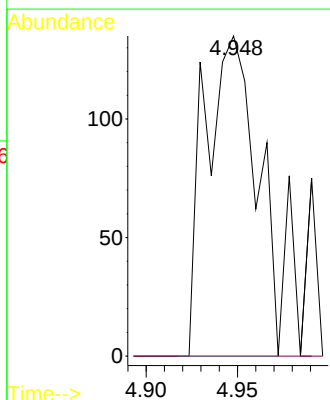
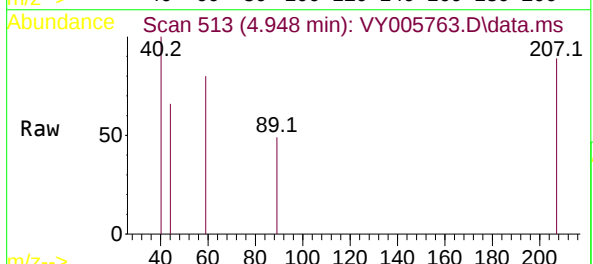
Instrument :
MSVOA_Y
ClientSampleId :
B-4A

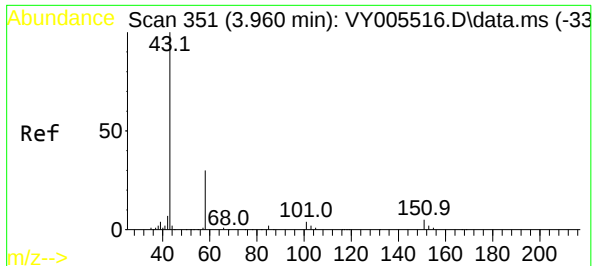
Tgt Ion:168 Resp: 180880
Ion Ratio Lower Upper
168 100
99 51.9 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.470 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005763.D
Acq: 19 Aug 2021 12:52

Tgt Ion: 59 Resp: 266
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

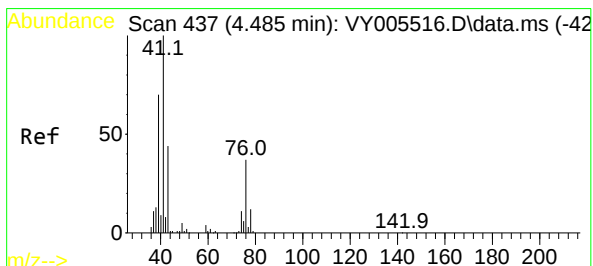
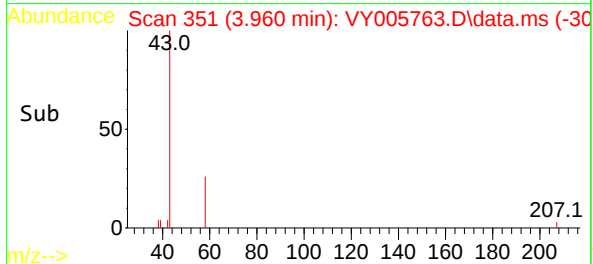
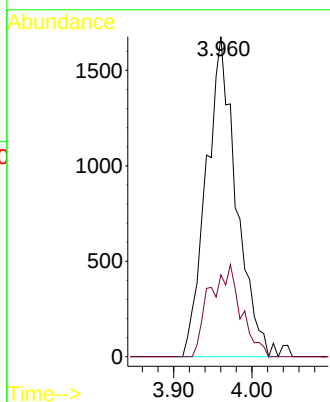
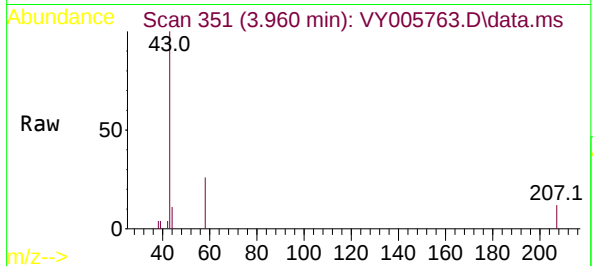




#16
Acetone
Concen: 9.713 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005763.D
Acq: 19 Aug 2021 12:52

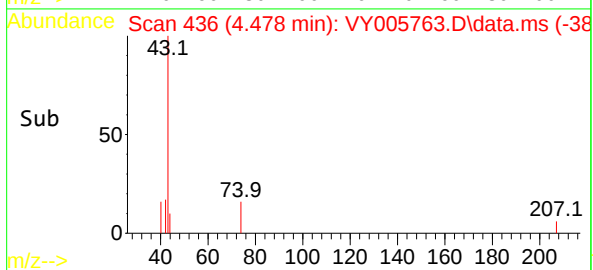
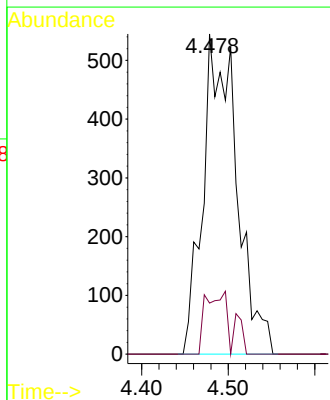
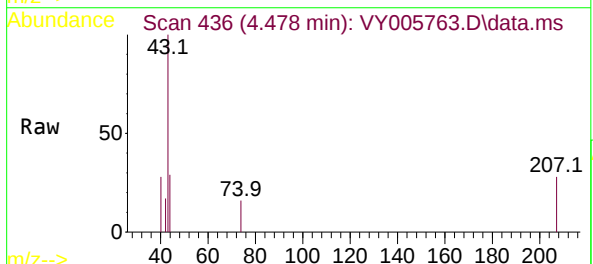
Instrument :
MSVOA_Y
ClientSampleId :
B-4A

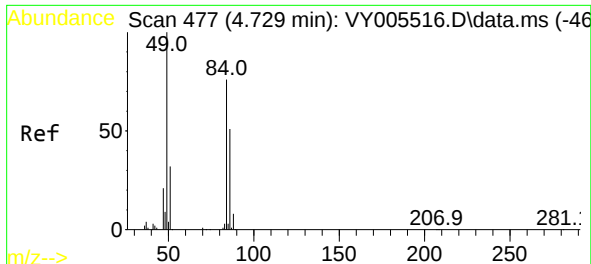
Tgt Ion: 43 Resp: 4484
Ion Ratio Lower Upper
43 100
58 25.6 23.8 35.6



#18
Methyl Acetate
Concen: 1.221 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY005763.D
Acq: 19 Aug 2021 12:52

Tgt Ion: 43 Resp: 1474
Ion Ratio Lower Upper
43 100
74 11.9 19.0 28.6#



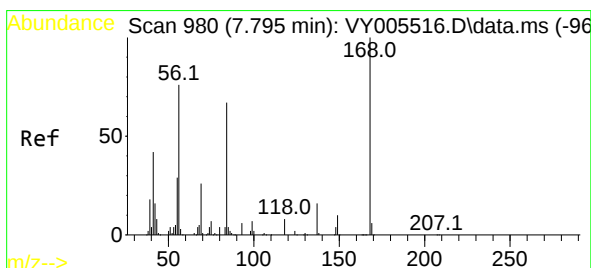
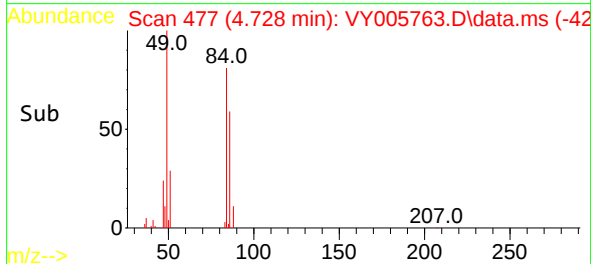
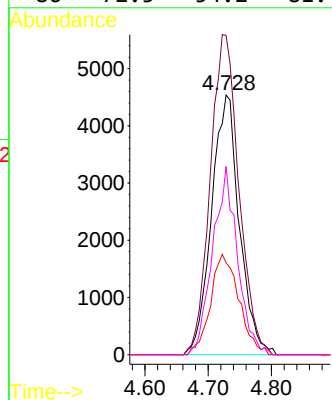
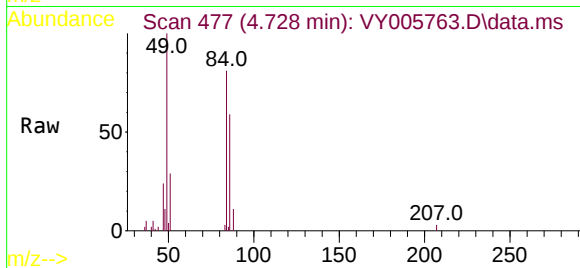


#20
Methylene Chloride
Concen: 1.697 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005763.D
Acq: 19 Aug 2021 12:52

Instrument :
MSVOA_Y
ClientSampled :
B-4A

Tgt Ion: 84 Resp: 13825

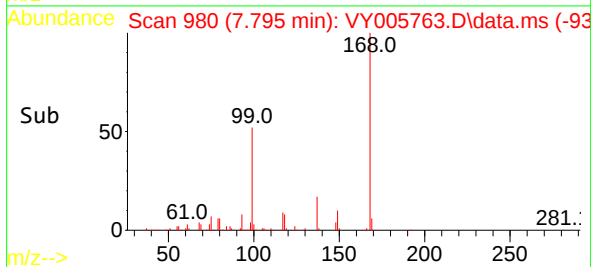
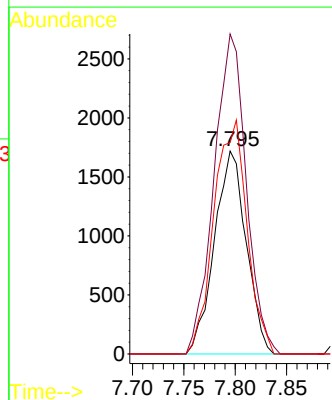
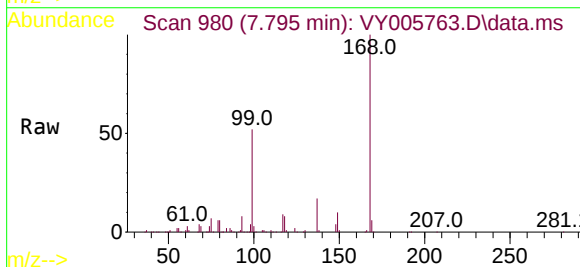
Ion	Ratio	Lower	Upper
84	100		
49	123.0	105.8	158.6
51	35.4	33.4	50.2
86	72.5	54.2	81.4

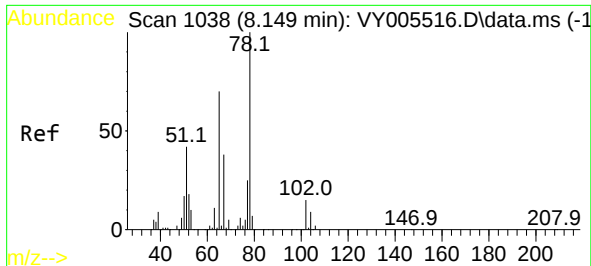


#31
Cyclohexane
Concen: 1.178 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005763.D
Acq: 19 Aug 2021 12:52

Tgt Ion: 56 Resp: 3699

Ion	Ratio	Lower	Upper
56	100		
69	157.7	27.7	41.5#
84	104.2	70.9	106.3

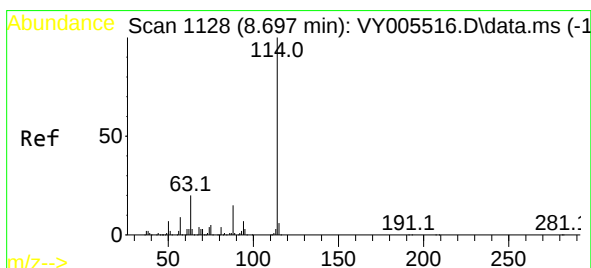
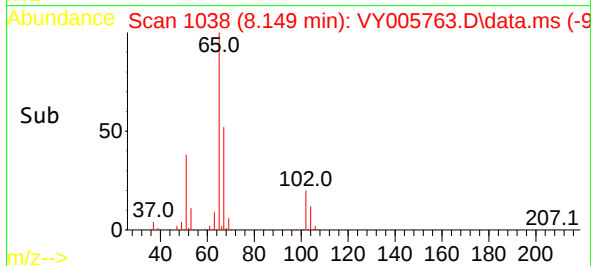
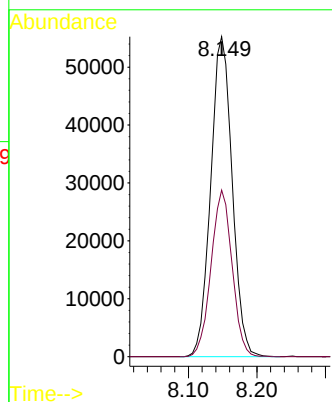
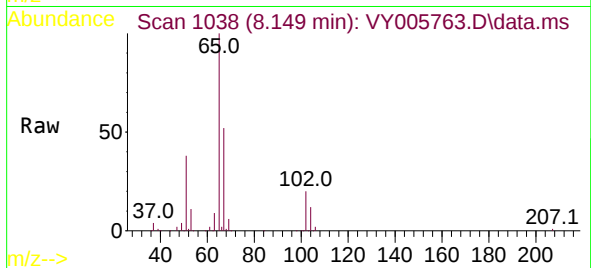




#33
1,2-Dichloroethane-d4
Concen: 65.600 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005763.D
Acq: 19 Aug 2021 12:52

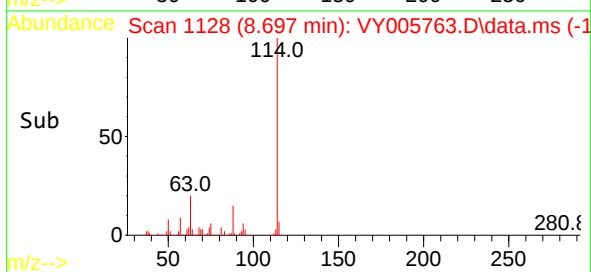
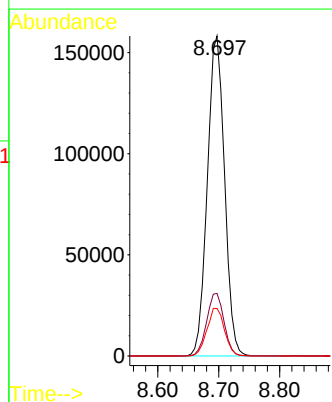
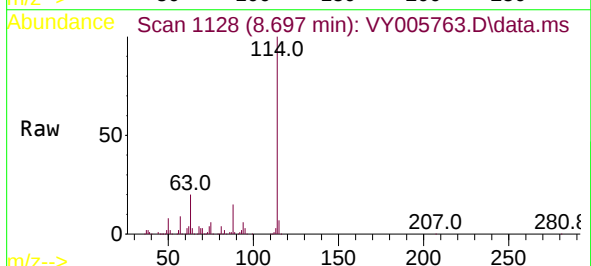
Instrument :
MSVOA_Y
ClientSampleId :
B-4A

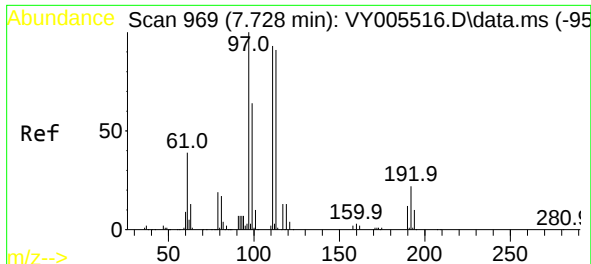
Tgt Ion: 65 Resp: 120110
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005763.D
Acq: 19 Aug 2021 12:52

Tgt Ion: 114 Resp: 310182
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.2
88 14.8 0.0 30.8

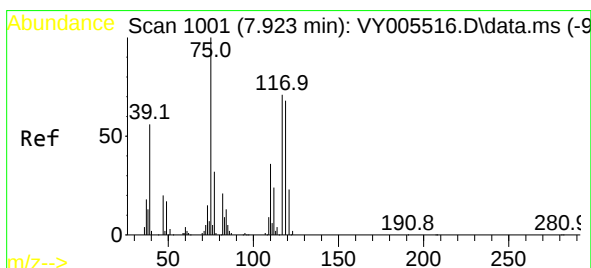
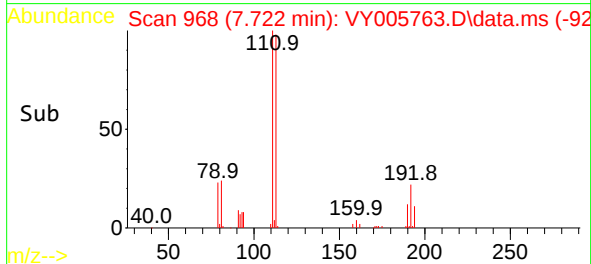
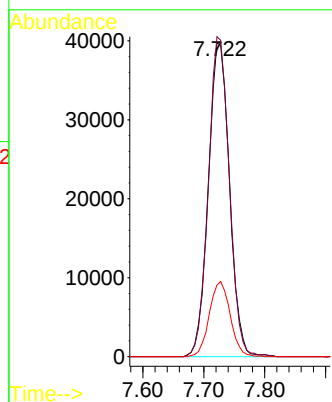
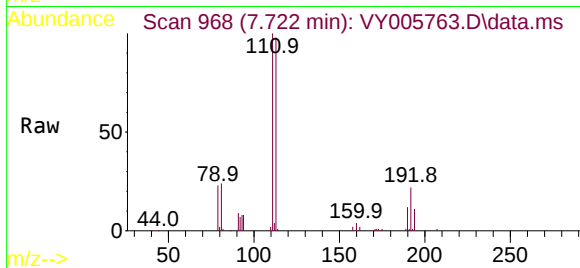




#35
Dibromofluoromethane
Concen: 55.263 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005763.D
Acq: 19 Aug 2021 12:52

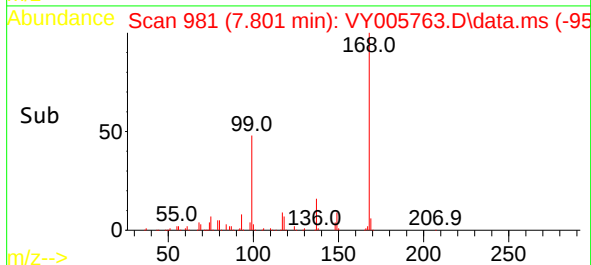
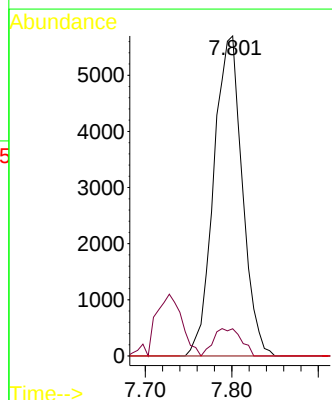
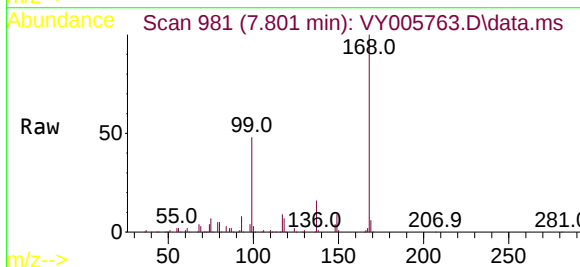
Instrument :
MSVOA_Y
ClientSampleId :
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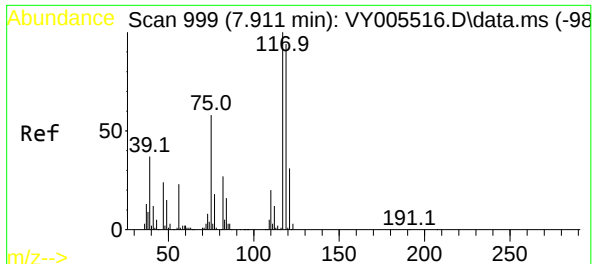
Tgt Ion:113 Resp: 95972
Ion Ratio Lower Upper
113 100
111 100.7 81.9 122.9
192 23.7 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.482 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005763.D
Acq: 19 Aug 2021 12:52

Tgt Ion: 75 Resp: 13040
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.1#
77 0.0 25.1 37.7#

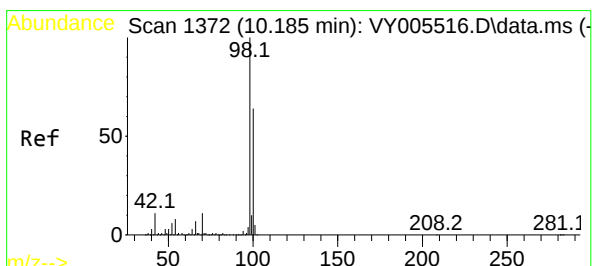
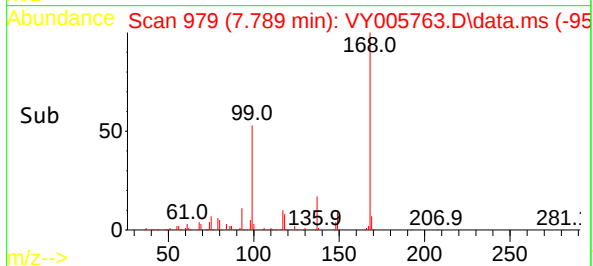
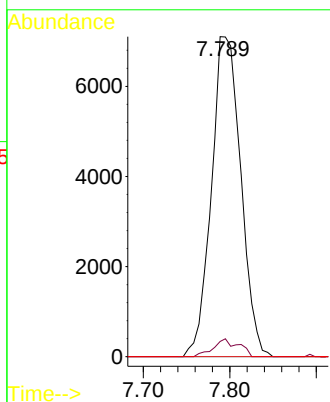
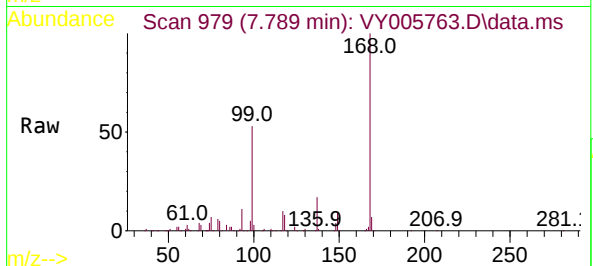




#38
Carbon Tetrachloride
Concen: 5.301 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY005763.D
Acq: 19 Aug 2021 12:52

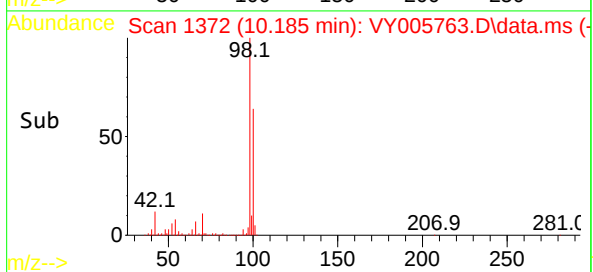
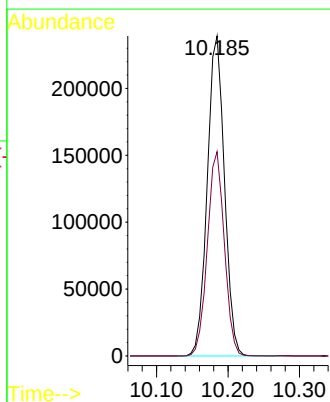
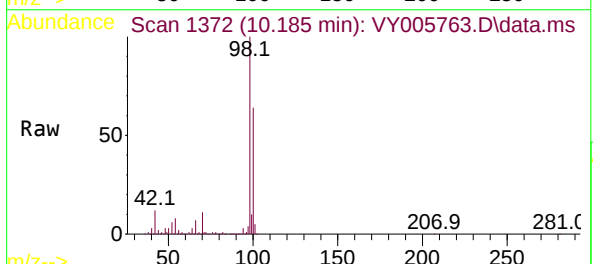
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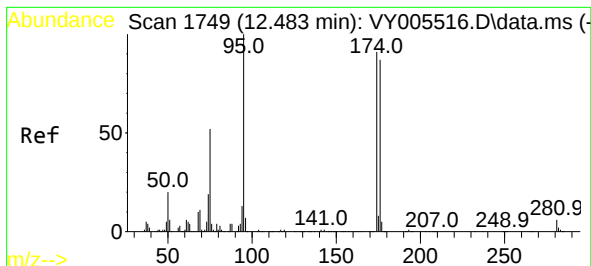
Tgt Ion:117 Resp: 16761
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.835 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005763.D
Acq: 19 Aug 2021 12:52

Tgt Ion: 98 Resp: 399384
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9

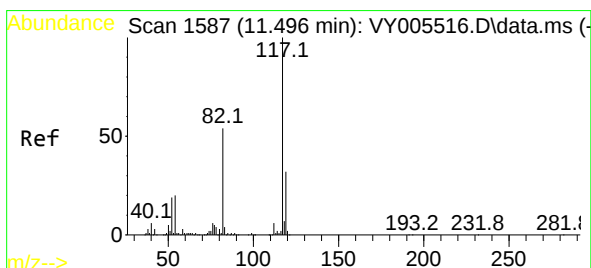
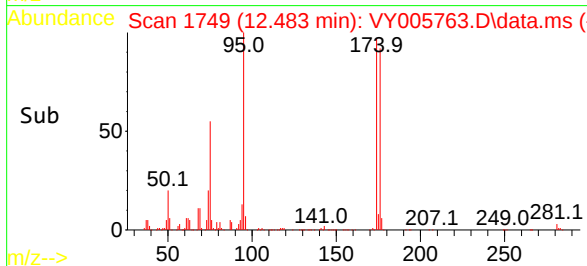
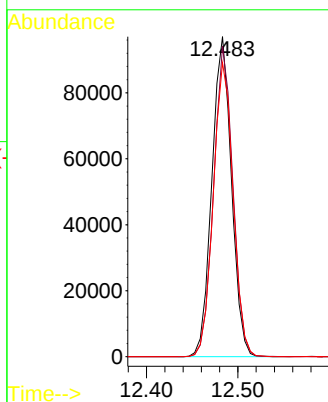
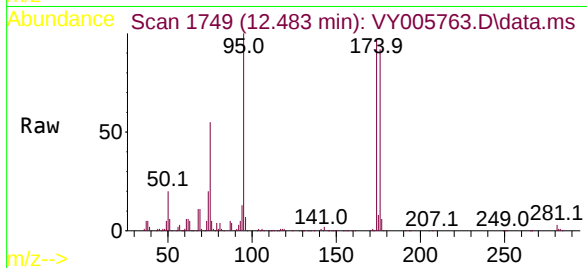




#62
4-Bromofluorobenzene
Concen: 59.958 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005763.D
Acq: 19 Aug 2021 12:52

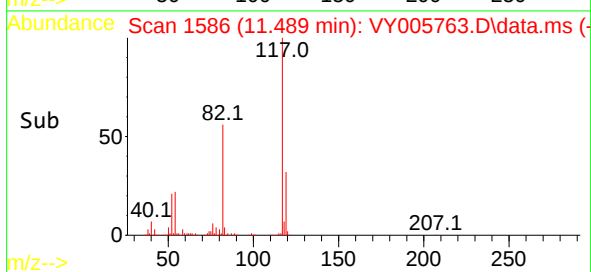
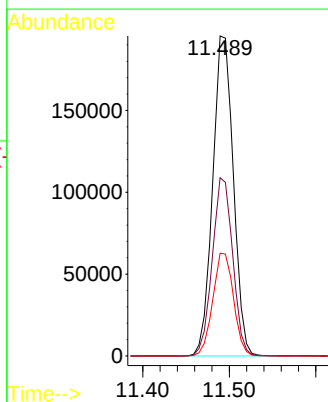
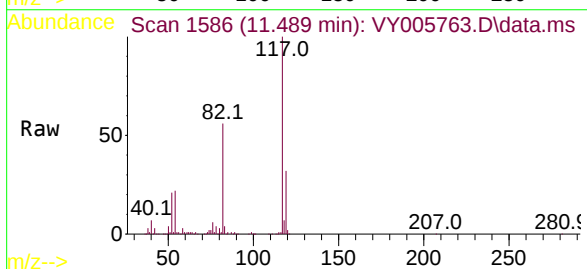
Instrument :
MSVOA_Y
ClientSampleId :
B-4A

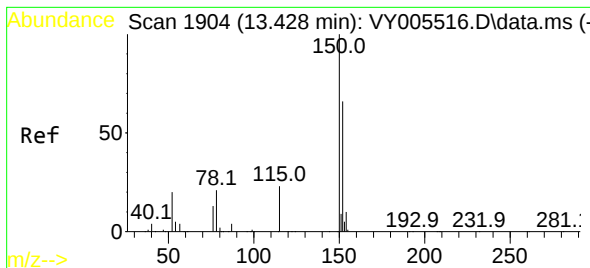
Tgt Ion: 95 Resp: 144610
Ion Ratio Lower Upper
95 100
174 95.6 0.0 191.4
176 93.2 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005763.D
Acq: 19 Aug 2021 12:52

Tgt Ion: 117 Resp: 323969
Ion Ratio Lower Upper
117 100
82 55.7 43.5 65.3
119 32.1 25.5 38.3

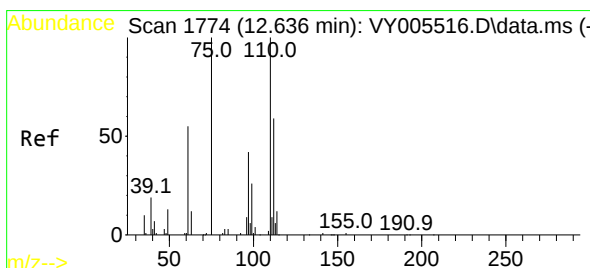
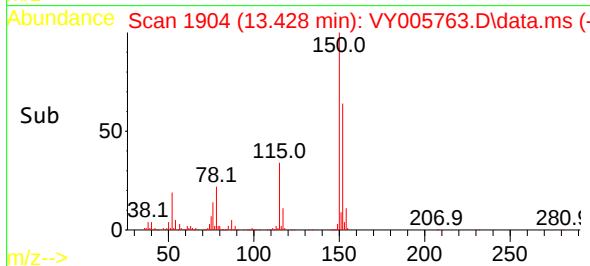
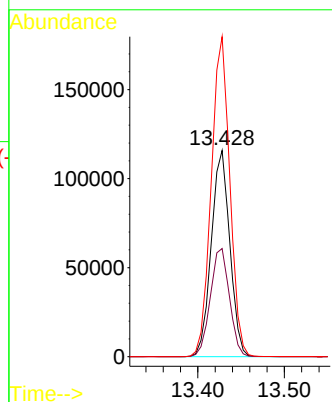
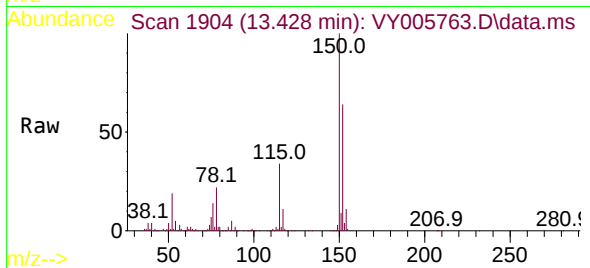




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005763.D
 Acq: 19 Aug 2021 12:52

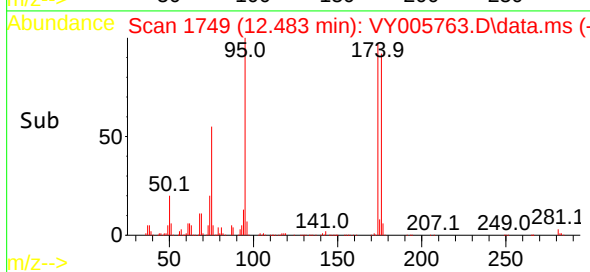
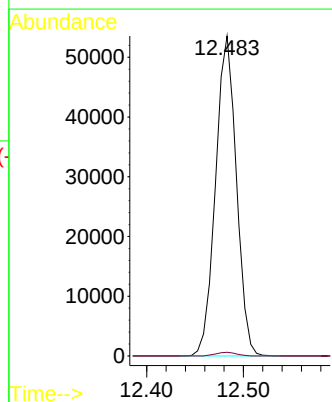
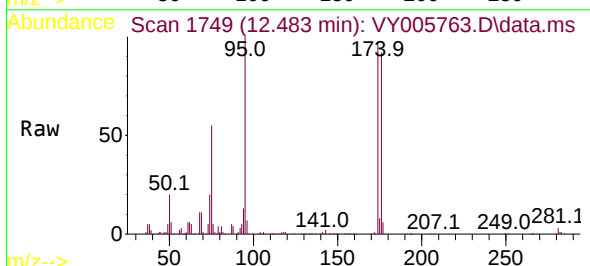
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-4A

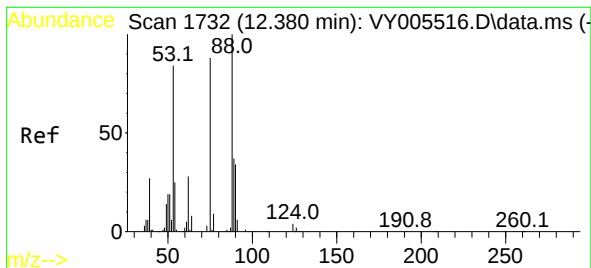
Tgt Ion:152 Resp: 172104
 Ion Ratio Lower Upper
 152 100
 115 54.1 27.3 81.9
 150 155.3 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 44.900 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005763.D
 Acq: 19 Aug 2021 12:52

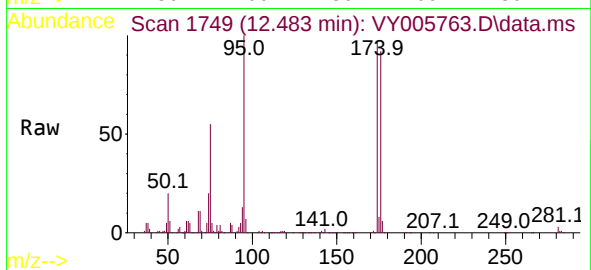
Tgt Ion: 75 Resp: 80078
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 90.512 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005763.D
Acq: 19 Aug 2021 12:52

Instrument :
MSVOA_Y
ClientSampleId :
B-4A



Tgt Ion: 75 Resp: 80078
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.0 38.4 57.6#

