

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005776.D
 Acq On : 19 Aug 2021 17:54
 Operator : SY/MD
 Sample : M3418-15
 Misc : 6.90G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 06:58:19 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)

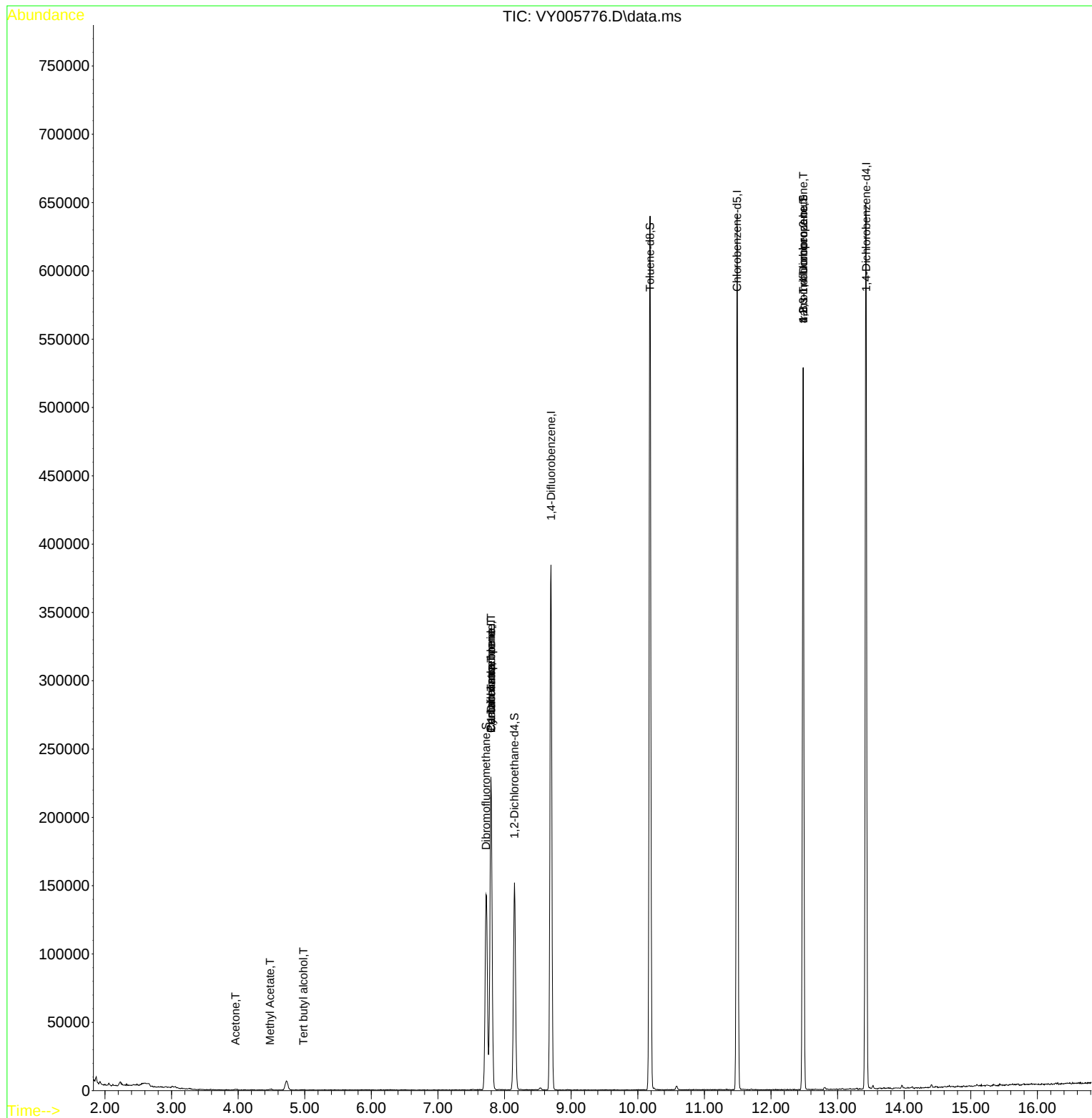
Internal Standards						
1) Pentafluorobenzene	7.795	168	185647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	323977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	334322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122123	64.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.980%	
35) Dibromofluoromethane	7.722	113	98813	54.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.960%	
50) Toluene-d8	10.185	98	420108	55.225	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.440%	
62) 4-Bromofluorobenzene	12.483	95	147430	58.524	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	504	2.713	ug/l #	91
16) Acetone	3.960	43	819	1.729	ug/l #	56
18) Methyl Acetate	4.479	43	1288	1.039	ug/l	96
20) Methylene Chloride	4.735	84	5302	Below Cal	#	76
31) Cyclohexane	7.795	56	3945	1.224	ug/l #	32
36) 1,1-Dichloropropene	7.795	75	13291	4.374	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16890	5.114	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	81576	46.204	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81576	93.140	ug/l #	11

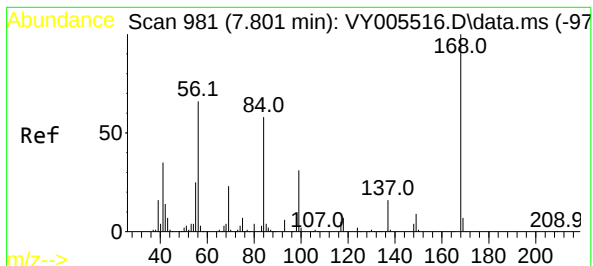
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY005776.D

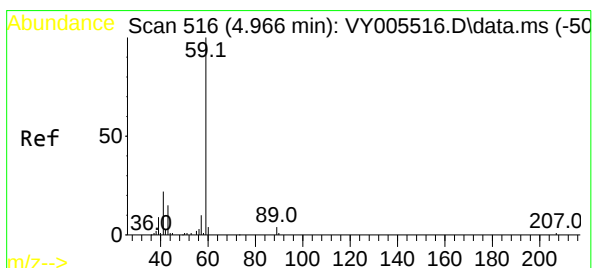
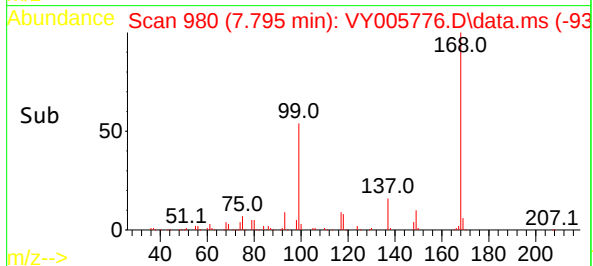
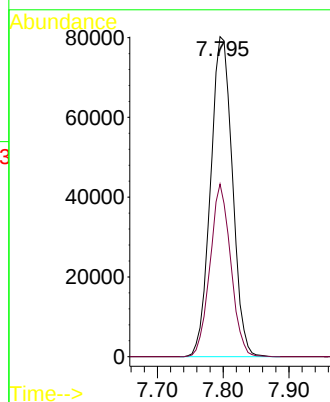
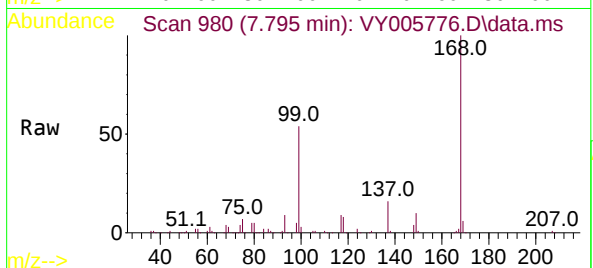
Acq: 19 Aug 2021 17:54

Tgt Ion:168 Resp: 185647

Ion Ratio Lower Upper

168 100

99 54.0 38.9 58.3



#11

Tert butyl alcohol

Concen: 2.713 ug/l

RT: 4.979 min Scan# 518

Delta R.T. 0.012 min

Lab File: VY005776.D

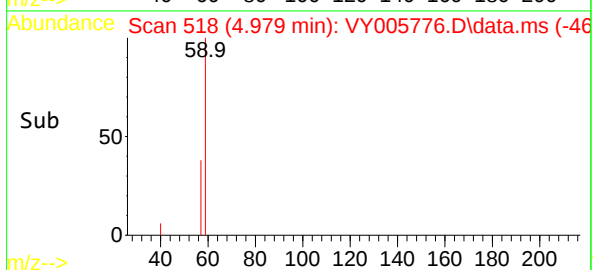
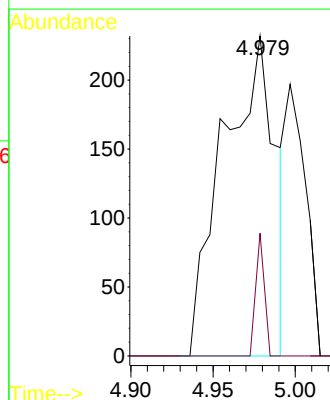
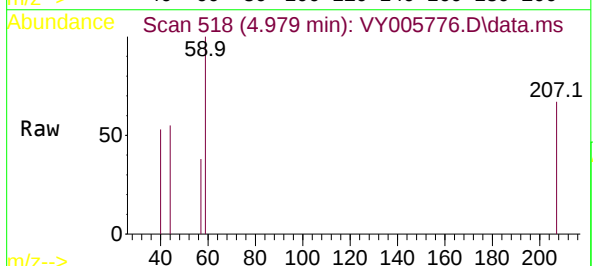
Acq: 19 Aug 2021 17:54

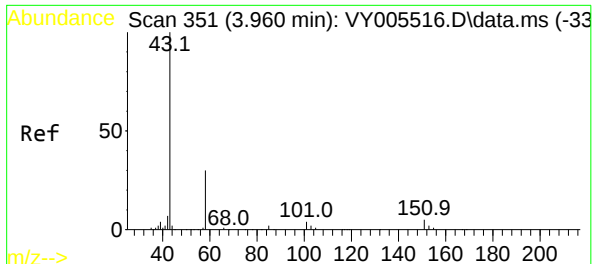
Tgt Ion: 59 Resp: 504

Ion Ratio Lower Upper

59 100

57 6.5 8.0 12.0#

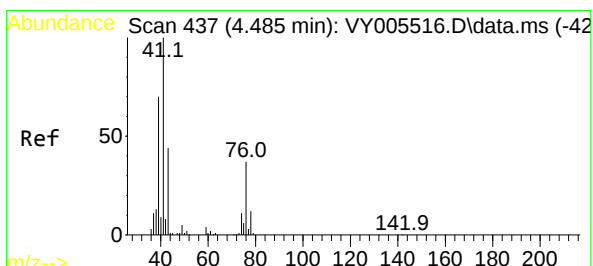
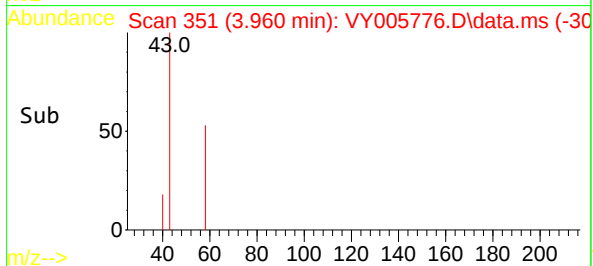
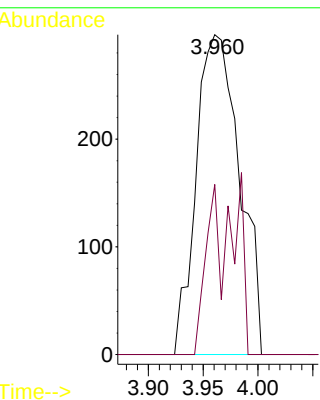
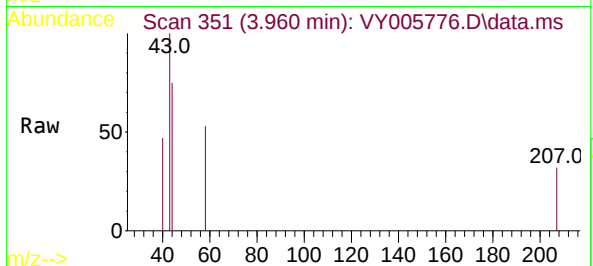




#16
Acetone
Concen: 1.729 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005776.D
Acq: 19 Aug 2021 17:54

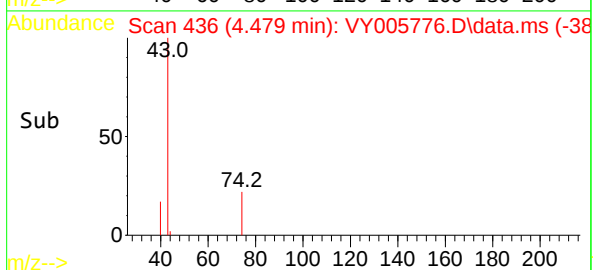
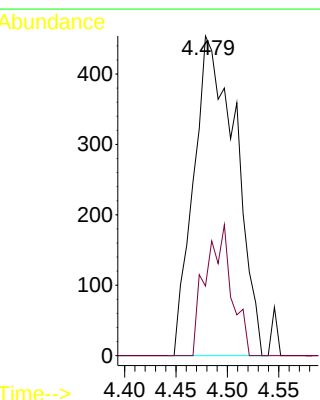
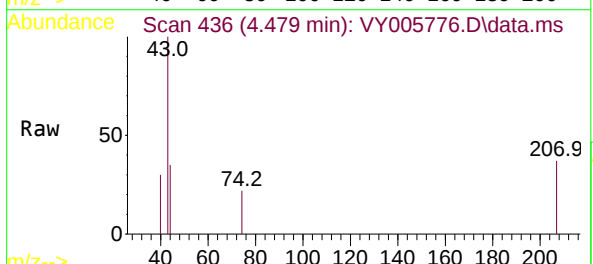
Instrument :
MSVOA_Y
ClientSampleId :

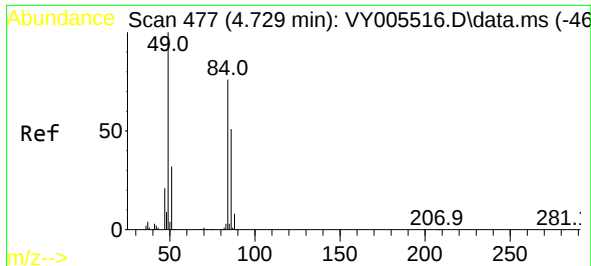
Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
58 53.2 23.8 35.6#



#18
Methyl Acetate
Concen: 1.039 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY005776.D
Acq: 19 Aug 2021 17:54

Tgt Ion: 43 Resp: 1288
Ion Ratio Lower Upper
43 100
74 25.6 19.0 28.6



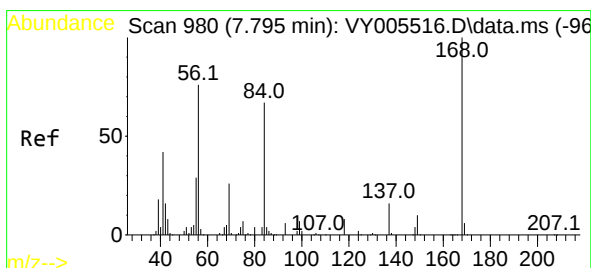
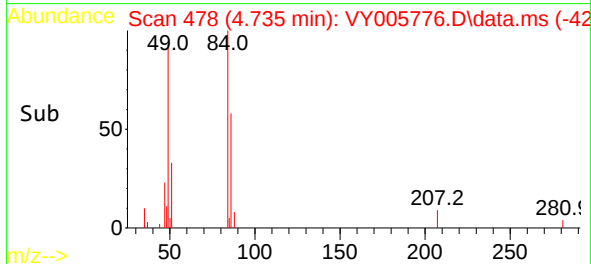
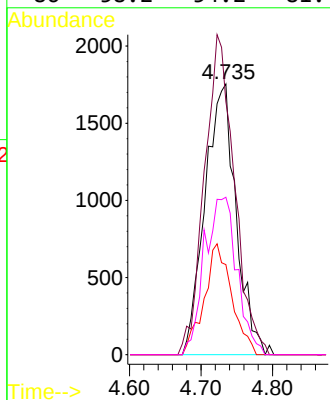
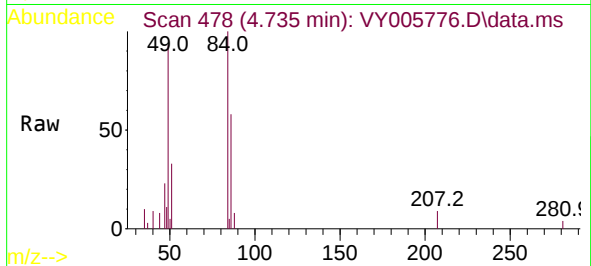


#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005776.D
Acq: 19 Aug 2021 17:54

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 84 Resp: 5302

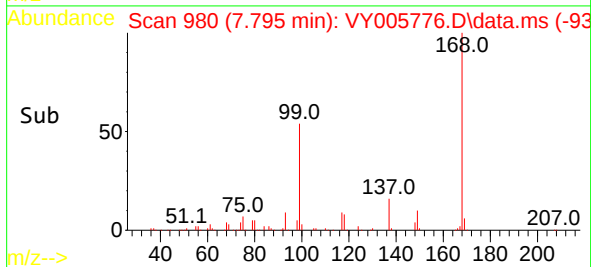
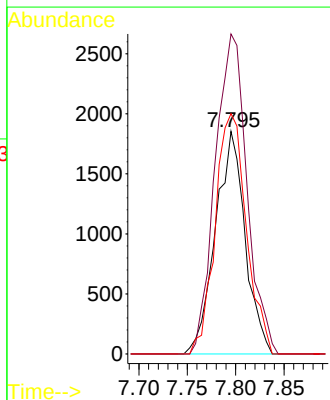
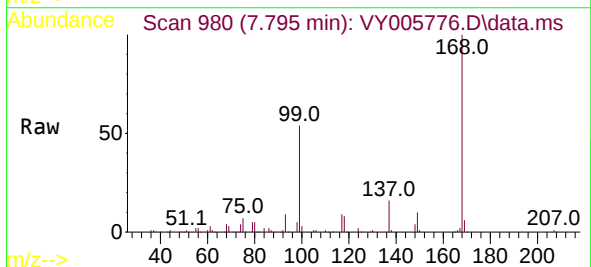
Ion	Ratio	Lower	Upper
84	100		
49	93.4	105.8	158.6#
51	33.3	33.4	50.2#
86	58.2	54.2	81.4

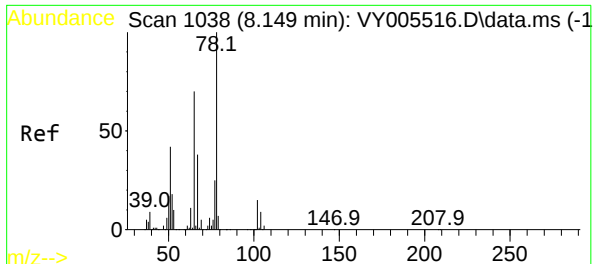


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005776.D
Acq: 19 Aug 2021 17:54

Tgt Ion: 56 Resp: 3945

Ion	Ratio	Lower	Upper
56	100		
69	143.8	27.7	41.5#
84	108.0	70.9	106.3#

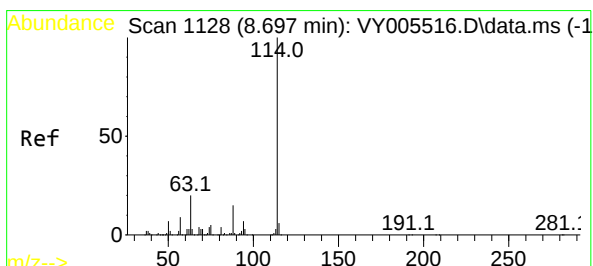
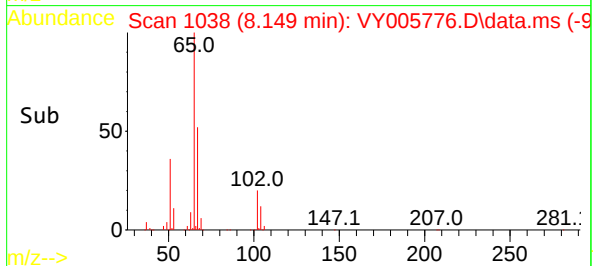
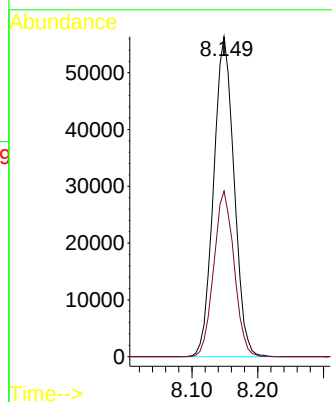
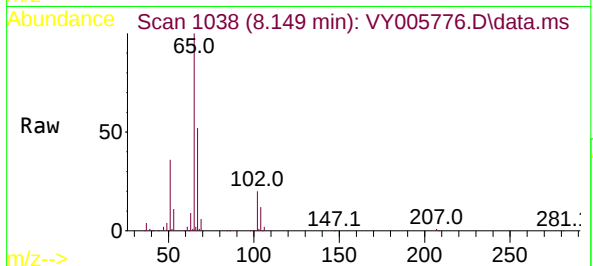




#33
1,2-Dichloroethane-d4
Concen: 64.986 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005776.D
Acq: 19 Aug 2021 17:54

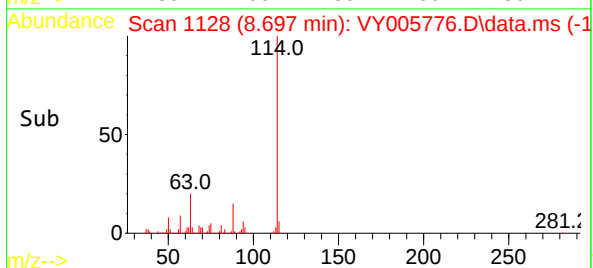
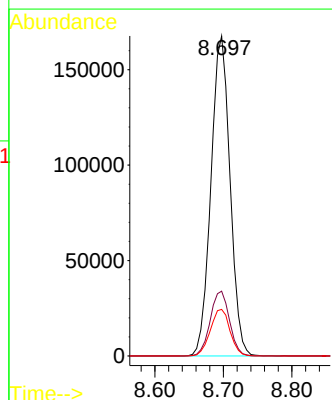
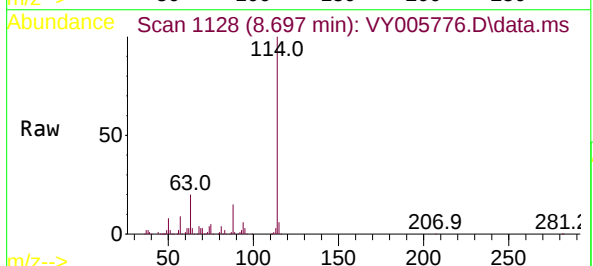
Instrument :
MSVOA_Y
ClientSampleId :

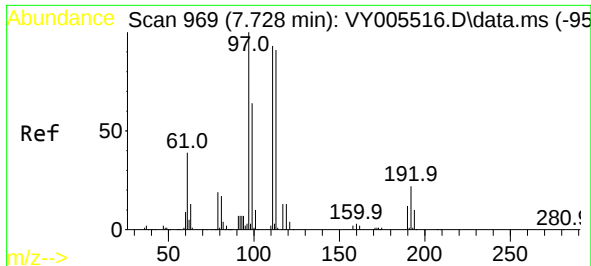
Tgt Ion: 65 Resp: 122123
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005776.D
Acq: 19 Aug 2021 17:54

Tgt Ion:114 Resp: 323977
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 14.5 0.0 30.8

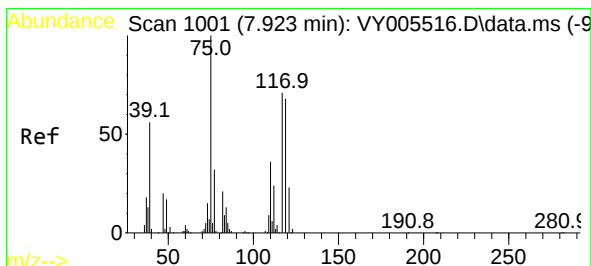
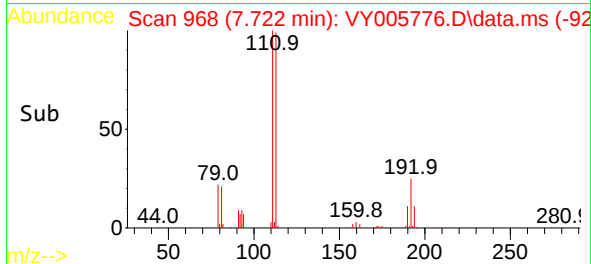
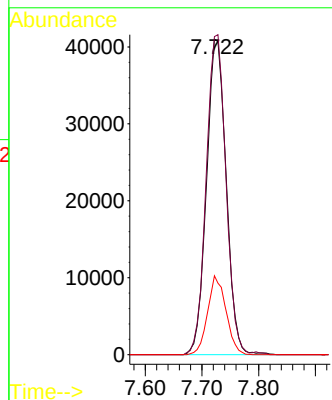
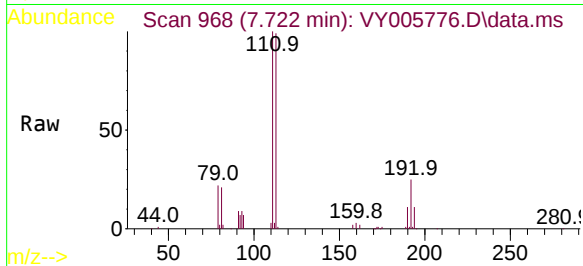




#35
Dibromofluoromethane
Concen: 54.476 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005776.D
Acq: 19 Aug 2021 17:54

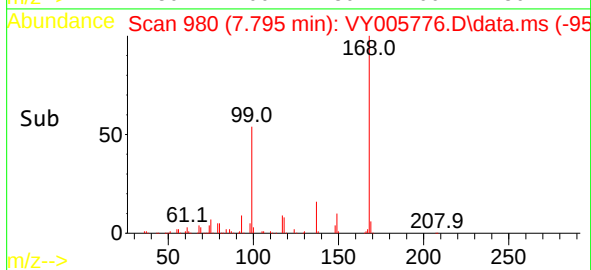
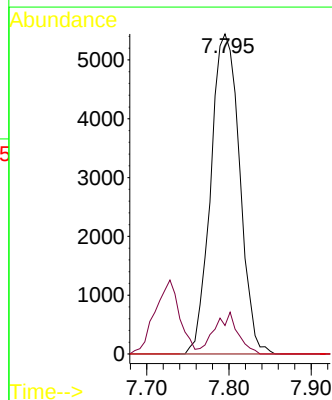
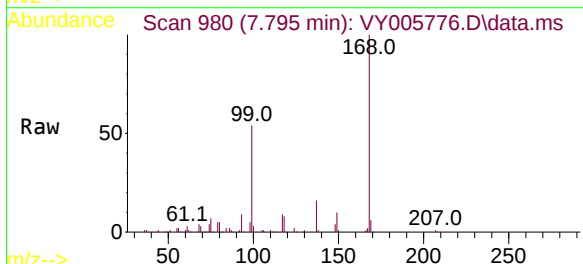
Instrument :
MSVOA_Y
ClientSampleId :

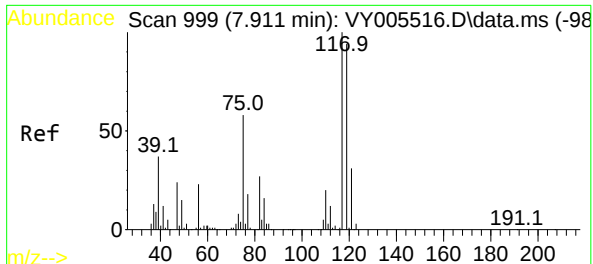
Tgt Ion:113 Resp: 98813
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 23.3 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.374 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005776.D
Acq: 19 Aug 2021 17:54

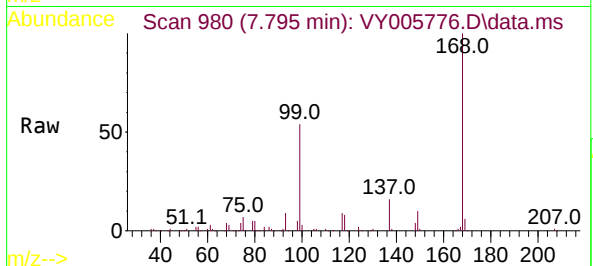
Tgt Ion: 75 Resp: 13291
Ion Ratio Lower Upper
75 100
110 10.6 18.1 54.1#
77 0.0 25.1 37.7#



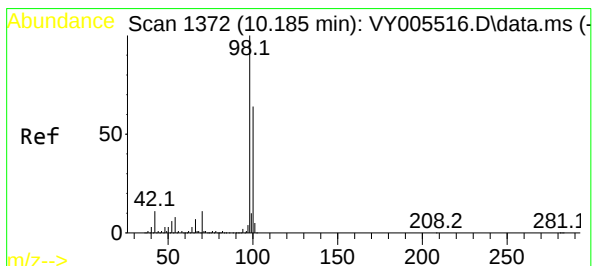
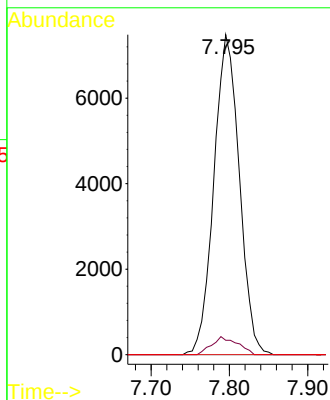
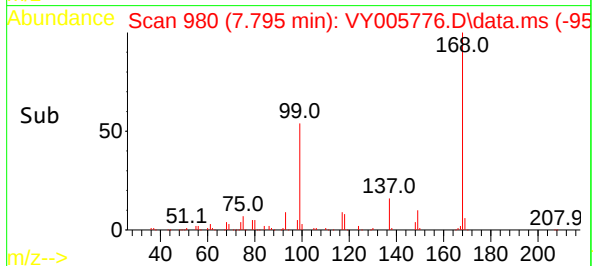


#38
Carbon Tetrachloride
Concen: 5.114 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005776.D
Acq: 19 Aug 2021 17:54

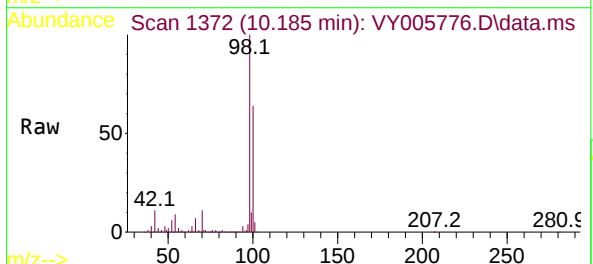
Instrument :
MSVOA_Y
ClientSampleId :



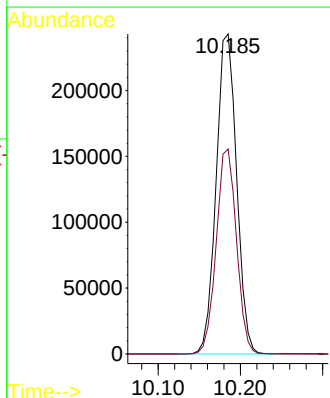
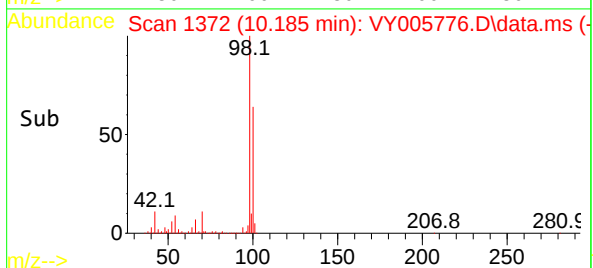
Tgt Ion:117 Resp: 16890
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.0#
121 0.0 25.1 37.7#

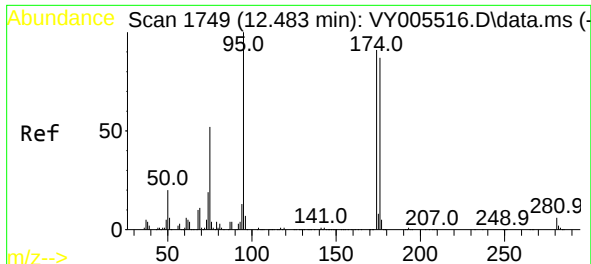


#50
Toluene-d8
Concen: 55.225 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005776.D
Acq: 19 Aug 2021 17:54



Tgt Ion: 98 Resp: 420108
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9

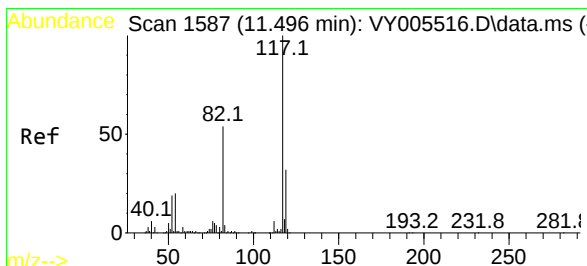
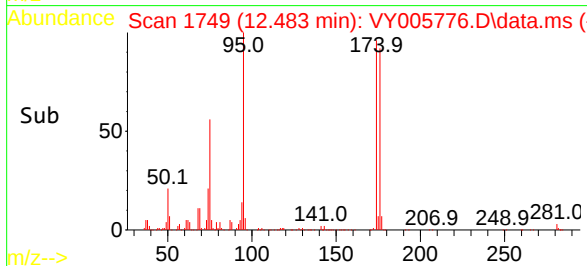
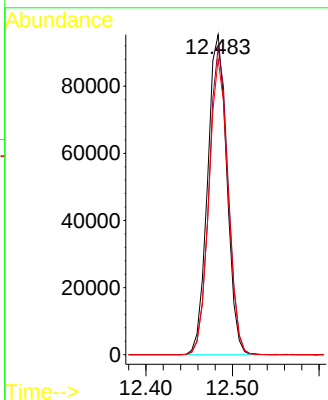
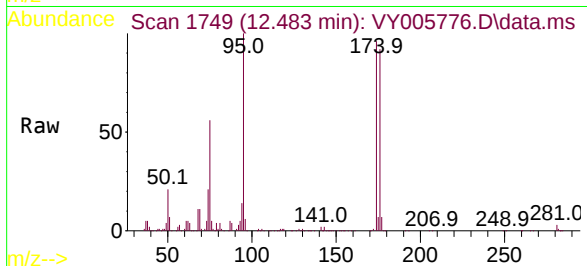




#62
4-Bromofluorobenzene
Concen: 58.524 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005776.D
Acq: 19 Aug 2021 17:54

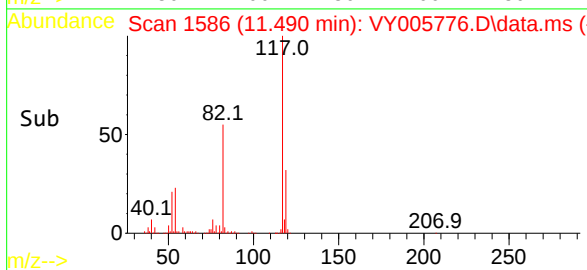
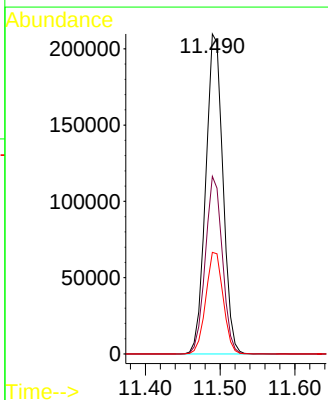
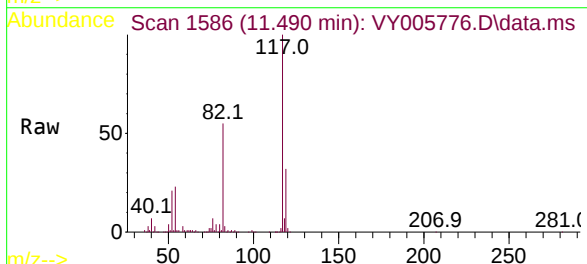
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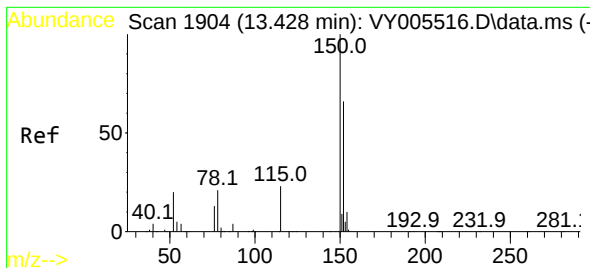
Tgt Ion: 95 Resp: 147430
Ion Ratio Lower Upper
95 100
174 95.2 0.0 191.4
176 91.5 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005776.D
Acq: 19 Aug 2021 17:54

Tgt Ion: 117 Resp: 334322
Ion Ratio Lower Upper
117 100
82 55.5 43.5 65.3
119 31.7 25.5 38.3

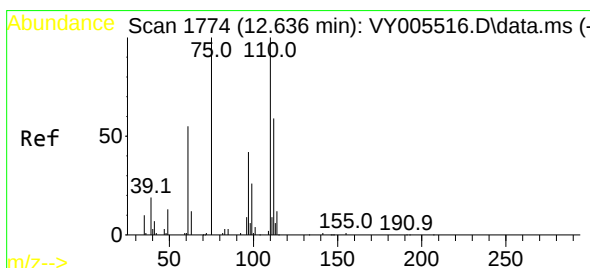
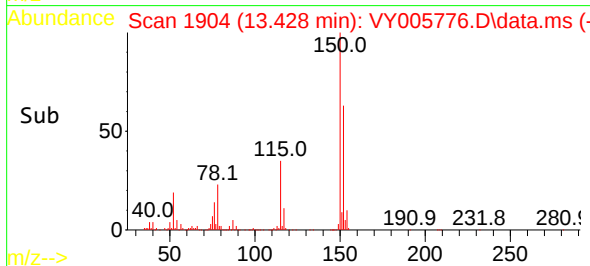
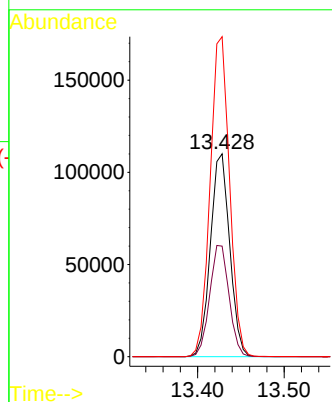
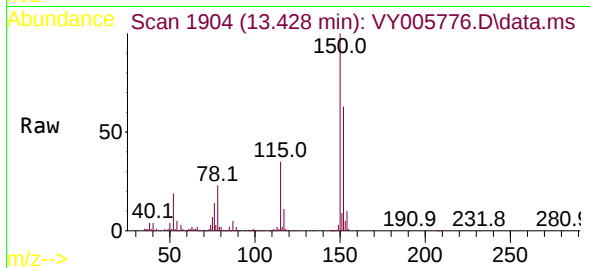




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005776.D
 Acq: 19 Aug 2021 17:54

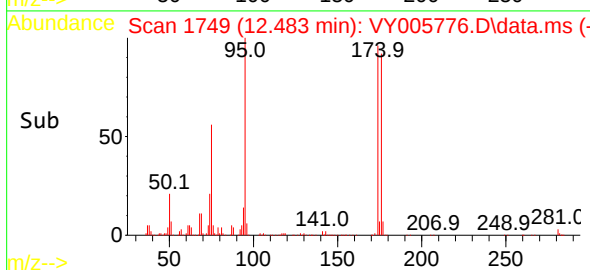
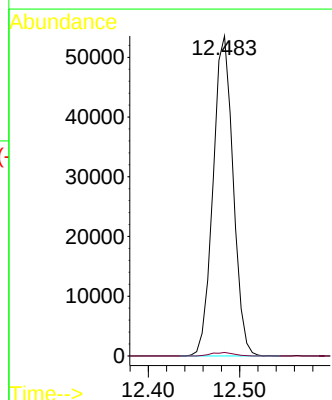
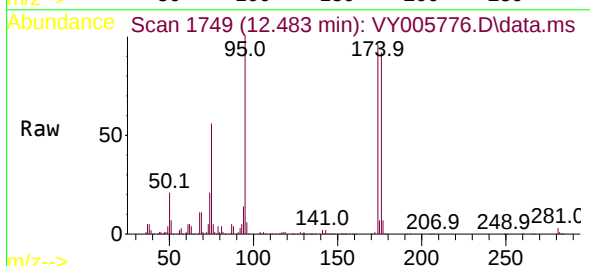
Instrument :
 MSVOA_Y
 ClientSampled :

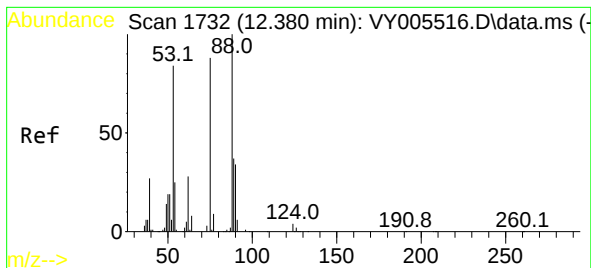
Tgt Ion:152 Resp: 170375
 Ion Ratio Lower Upper
 152 100
 115 55.0 27.3 81.9
 150 158.3 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.204 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005776.D
 Acq: 19 Aug 2021 17:54

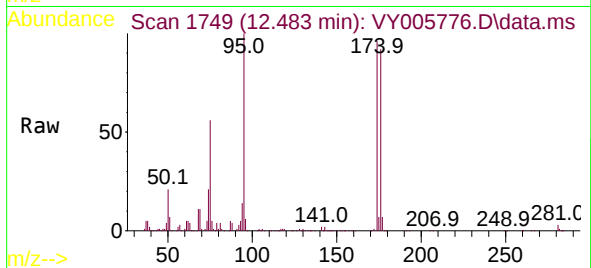
Tgt Ion: 75 Resp: 81576
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.140 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005776.D
 Acq: 19 Aug 2021 17:54

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 81576
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

