

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005793.D
 Acq On : 20 Aug 2021 15:18
 Operator : SY/MD
 Sample : M3467-18
 Misc : 4.81G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-4-(177.00)-VOC-GRAB

Quant Time: Aug 23 01:07:56 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)

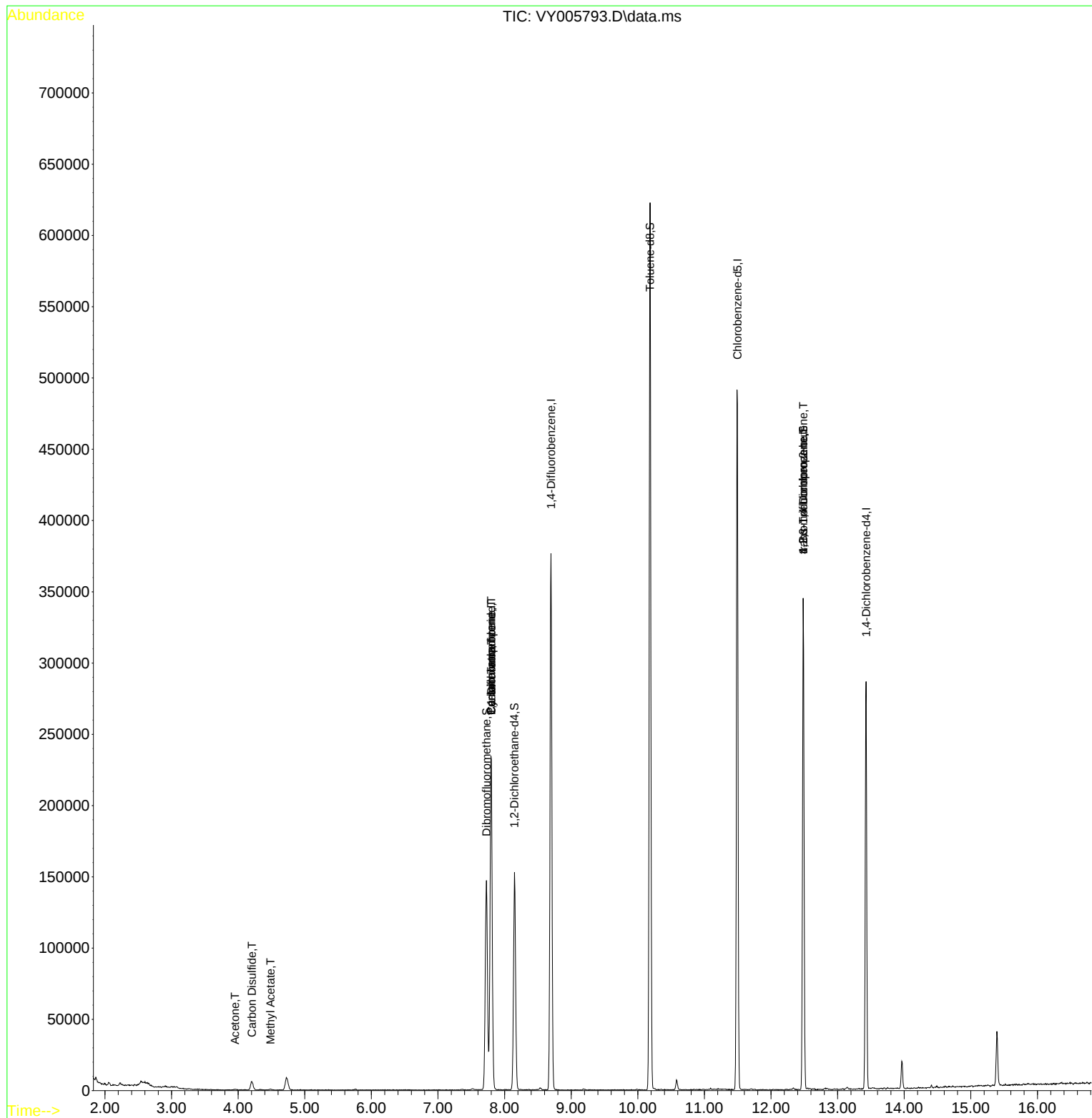
Internal Standards						
1) Pentafluorobenzene	7.801	168	188246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	311574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	261541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	119450	62.686	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.380%	
35) Dibromofluoromethane	7.728	113	98014	56.187	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.380%	
50) Toluene-d8	10.185	98	392115	53.597	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.200%	
62) 4-Bromofluorobenzene	12.483	95	85455	35.273	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 70.540%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	736	1.532	ug/l #	88
17) Carbon Disulfide	4.204	76	12646	2.529	ug/l	98
18) Methyl Acetate	4.485	43	1445	1.150	ug/l #	74
20) Methylene Chloride	4.741	84	6537	Below Cal	#	74
31) Cyclohexane	7.801	56	3818	1.168	ug/l #	35
36) 1,1-Dichloropropene	7.801	75	13819	4.729	ug/l #	50
38) Carbon Tetrachloride	7.801	117	16615	5.231	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	47196	60.737	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47196	122.437	ug/l #	11

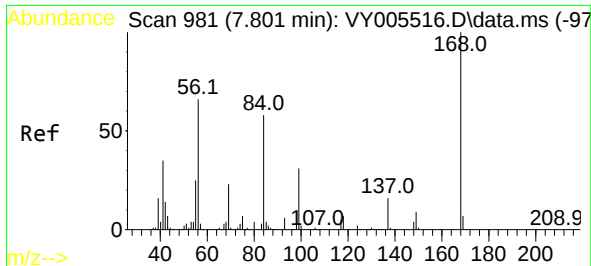
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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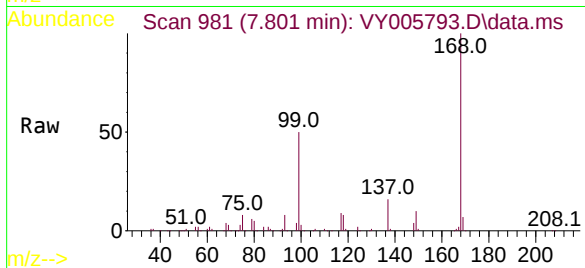
Quant Time: Aug 23 01:07:56 2021
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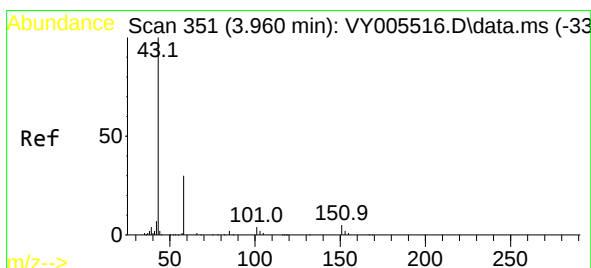
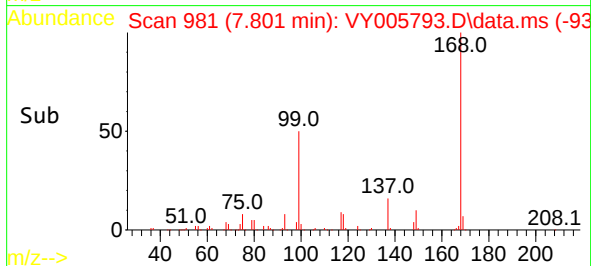
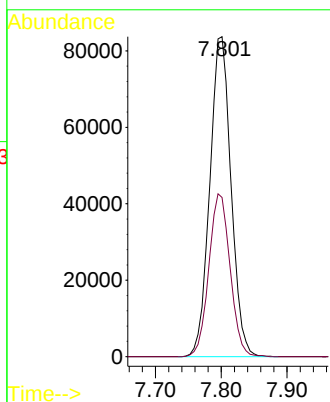


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-4-(177.00)-VOC-GRAB

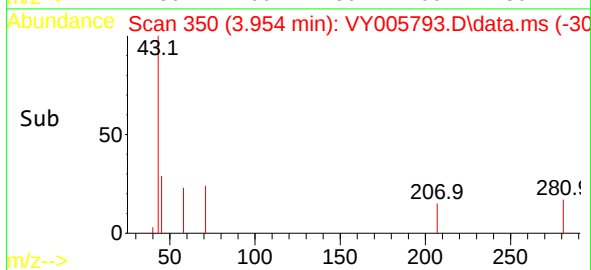
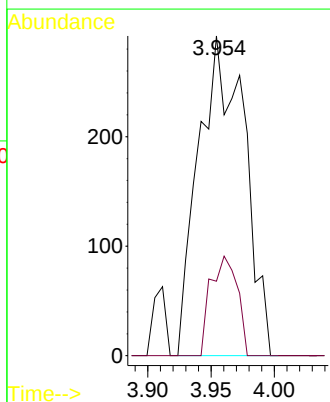
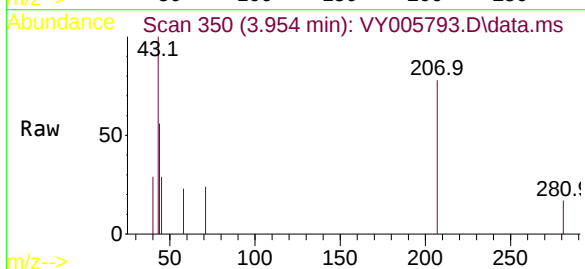


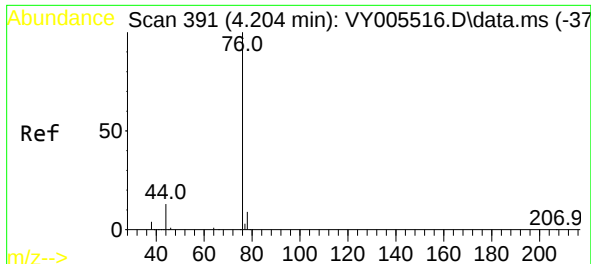
Tgt Ion:168 Resp: 188246
Ion Ratio Lower Upper
168 100
99 49.7 38.9 58.3



#16
Acetone
Concen: 1.532 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

Tgt Ion: 43 Resp: 736
Ion Ratio Lower Upper
43 100
58 23.3 23.8 35.6#

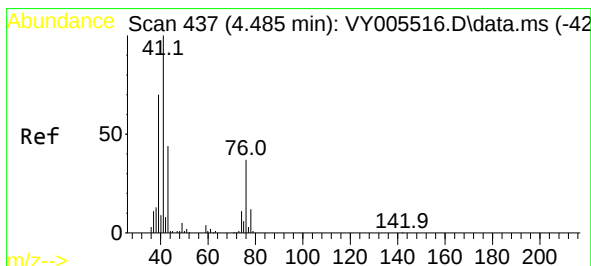
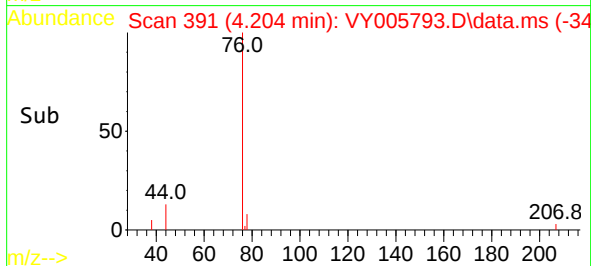
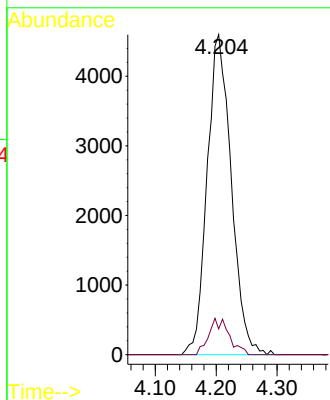
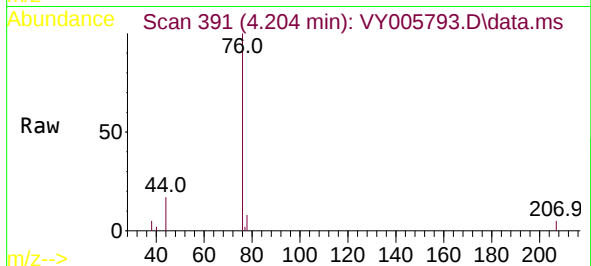




#17
Carbon Disulfide
Concen: 2.529 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

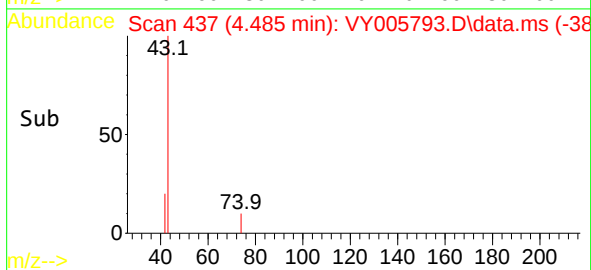
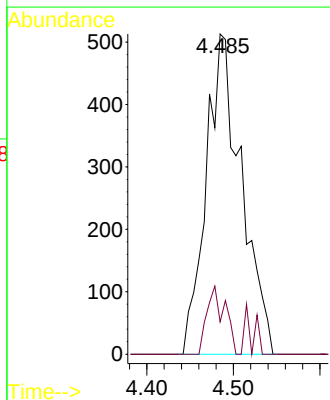
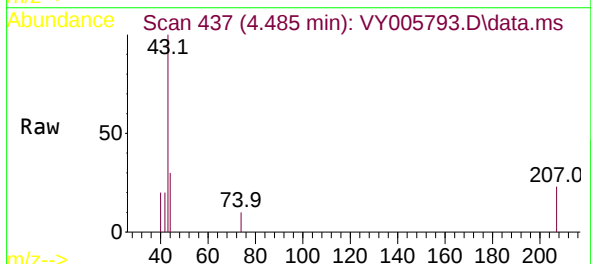
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-4-(177.00)-VOC-GRAB

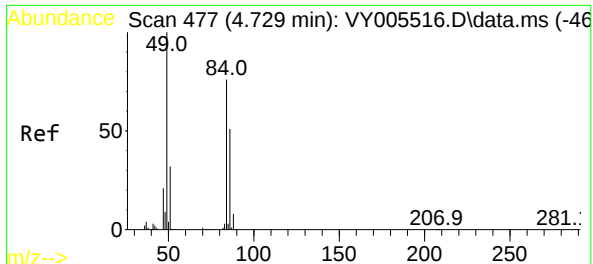
Tgt Ion: 76 Resp: 12646
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.6



#18
Methyl Acetate
Concen: 1.150 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

Tgt Ion: 43 Resp: 1445
Ion Ratio Lower Upper
43 100
74 10.9 19.0 28.6#



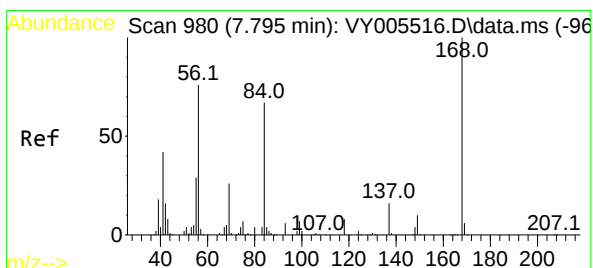
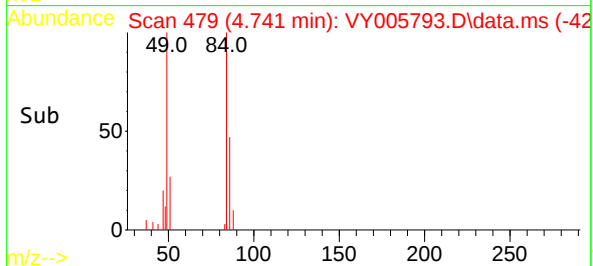
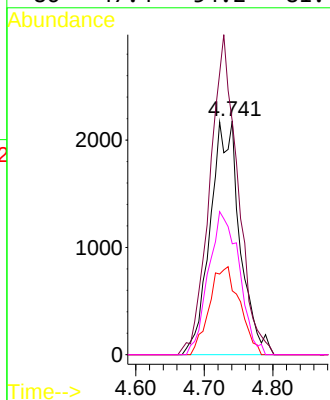
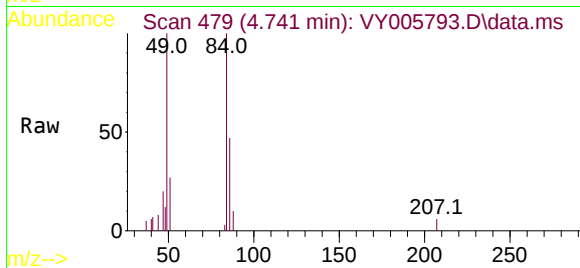


#20
Methylene Chloride
Concen: Below Cal
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-4-(177.00)-VOC-GRAB

Tgt Ion: 84 Resp: 6537

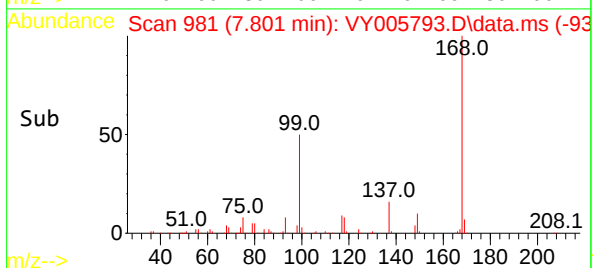
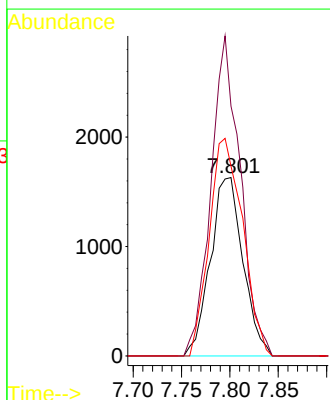
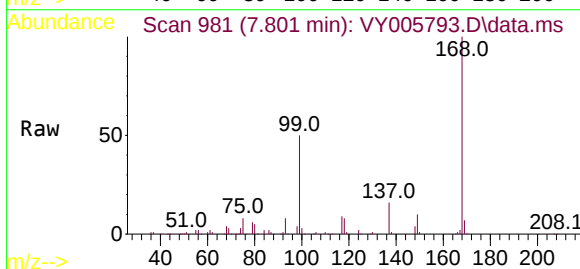
Ion	Ratio	Lower	Upper
84	100		
49	99.8	105.8	158.6#
51	27.4	33.4	50.2#
86	47.4	54.2	81.4#

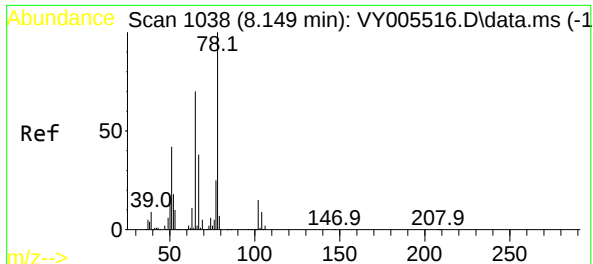


#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

Tgt Ion: 56 Resp: 3818

Ion	Ratio	Lower	Upper
56	100		
69	140.1	27.7	41.5#
84	106.4	70.9	106.3#

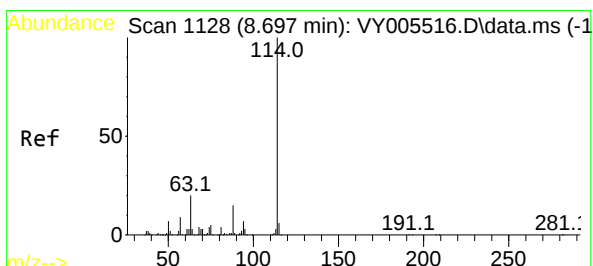
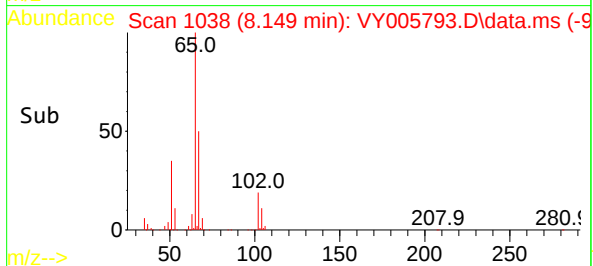
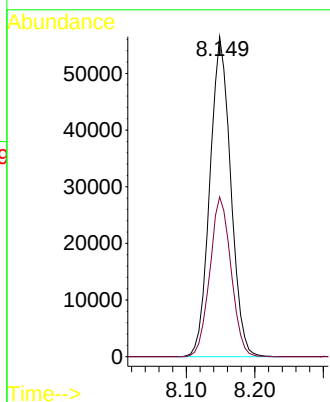
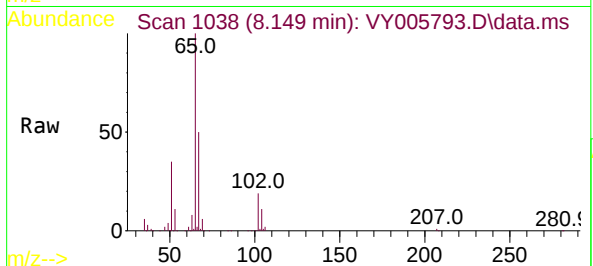




#33
1,2-Dichloroethane-d4
Concen: 62.686 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

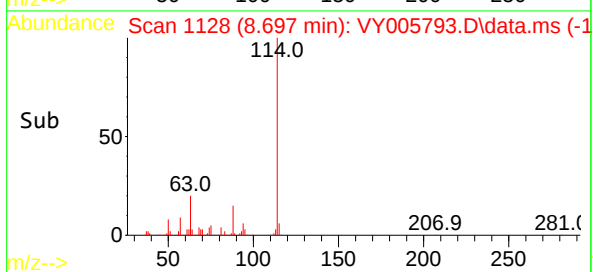
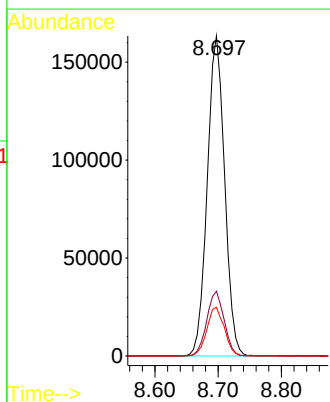
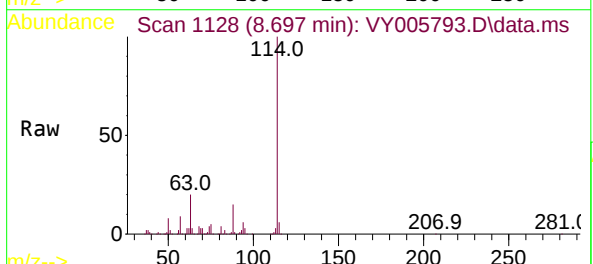
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-4-(177.00)-VOC-GRAB

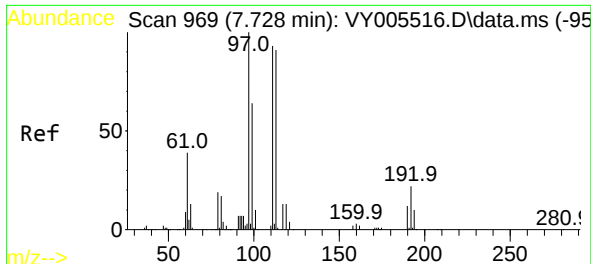
Tgt Ion: 65 Resp: 119450
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

Tgt Ion: 114 Resp: 311574
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 15.2 0.0 30.8

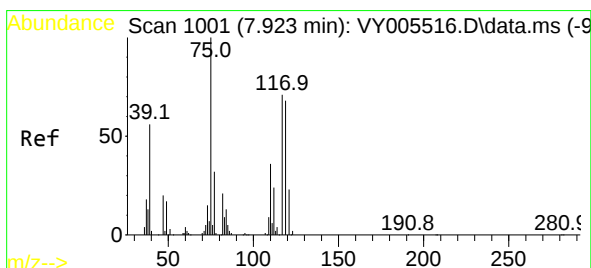
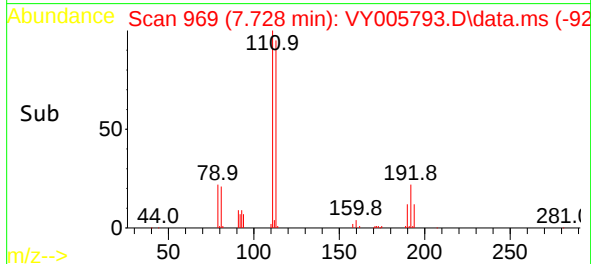
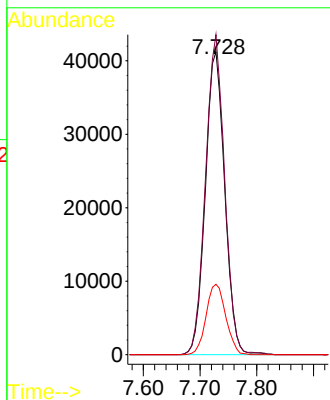
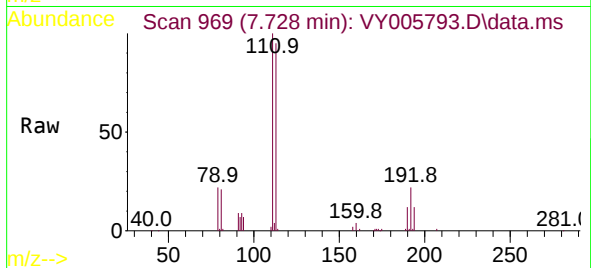




#35
Dibromofluoromethane
Concen: 56.187 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

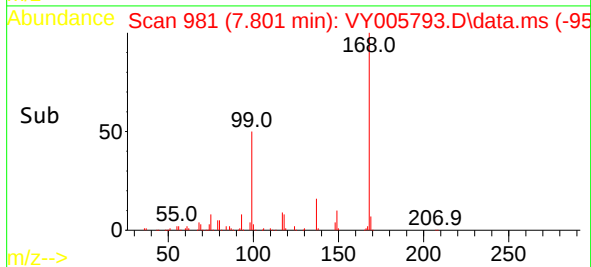
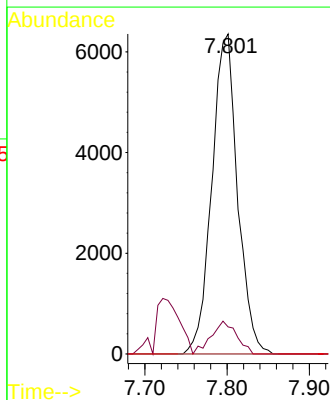
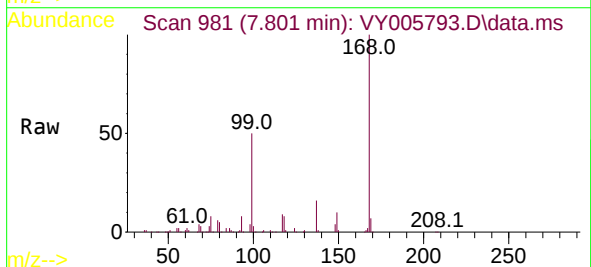
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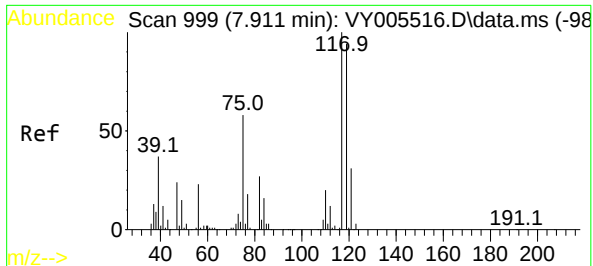
Tgt Ion:113 Resp: 98014
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 23.5 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.729 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

Tgt Ion: 75 Resp: 13819
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.1#
77 0.0 25.1 37.7#

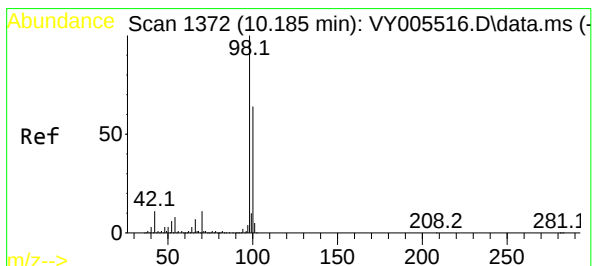
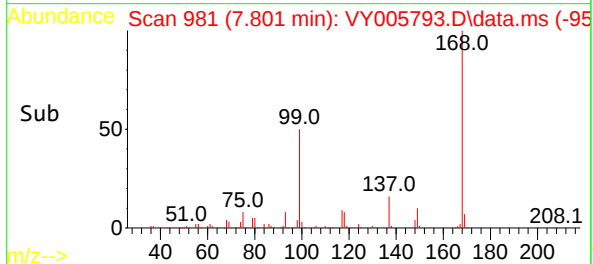
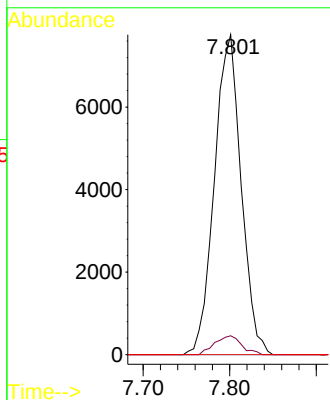
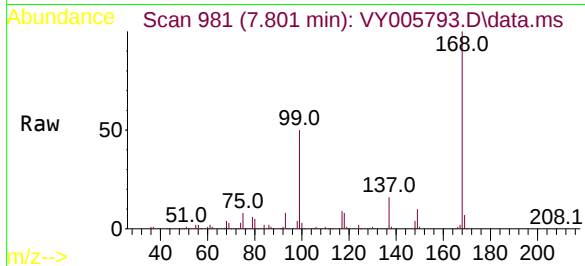




#38
Carbon Tetrachloride
Concen: 5.231 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

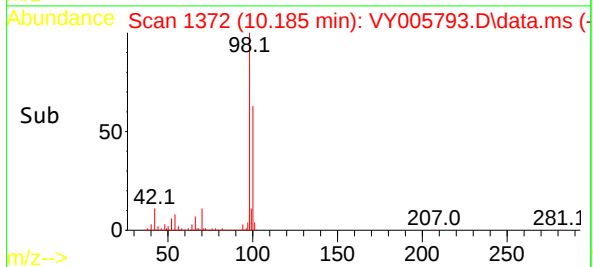
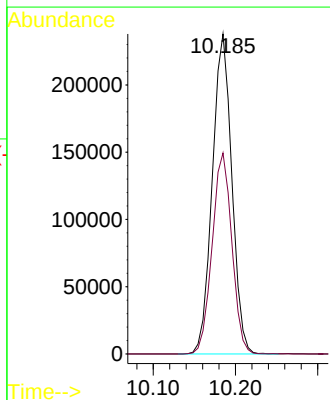
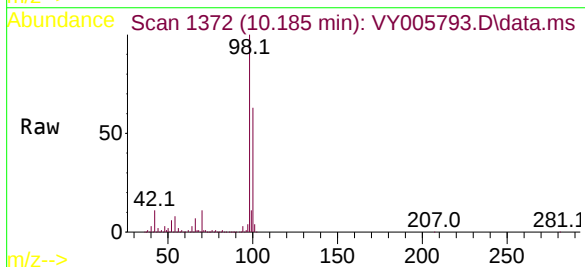
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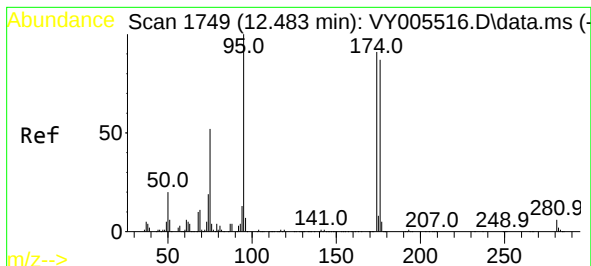
Tgt Ion:117 Resp: 16615
Ion Ratio Lower Upper
117 100
119 5.9 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 53.597 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

Tgt Ion: 98 Resp: 392115
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9

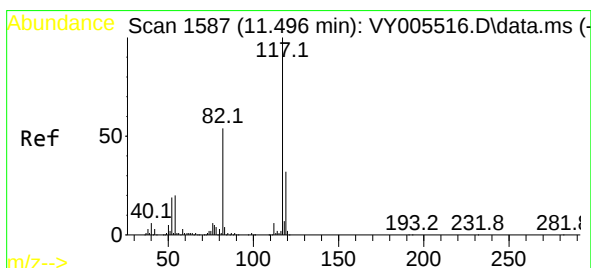
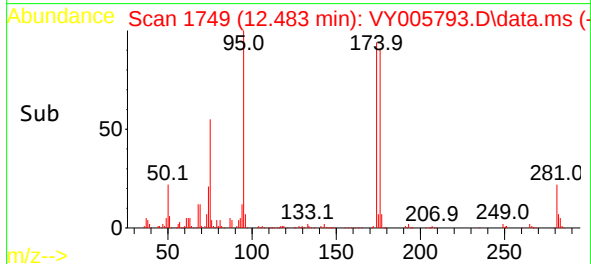
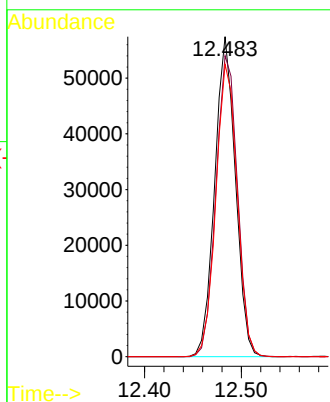
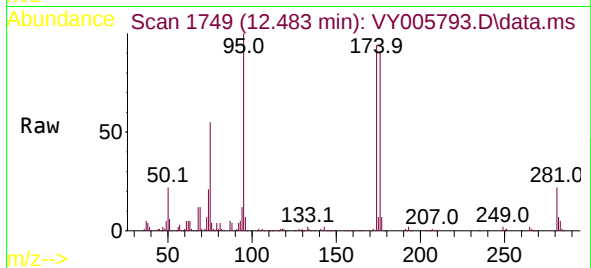




#62
4-Bromofluorobenzene
Concen: 35.273 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

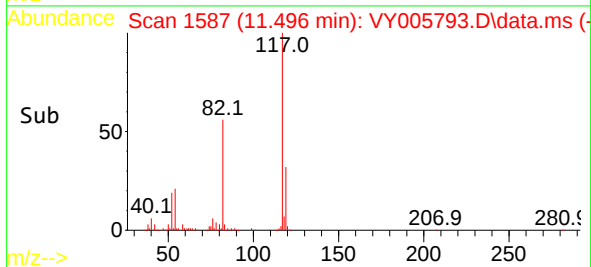
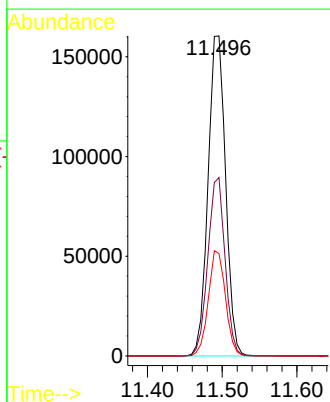
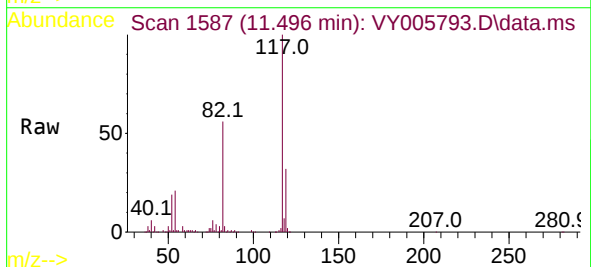
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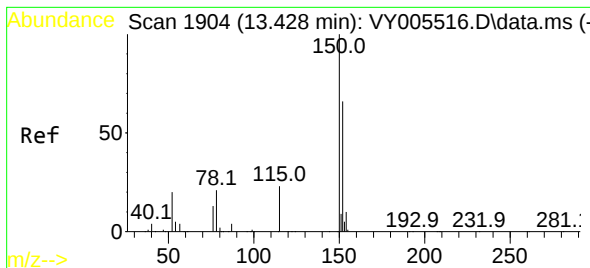
Tgt Ion: 95 Resp: 85455
Ion Ratio Lower Upper
95 100
174 97.6 0.0 191.4
176 93.9 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

Tgt Ion: 117 Resp: 261541
Ion Ratio Lower Upper
117 100
82 55.7 43.5 65.3
119 32.0 25.5 38.3

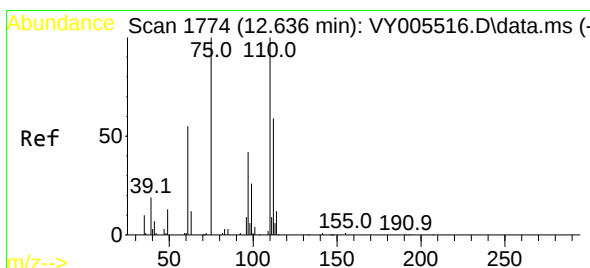
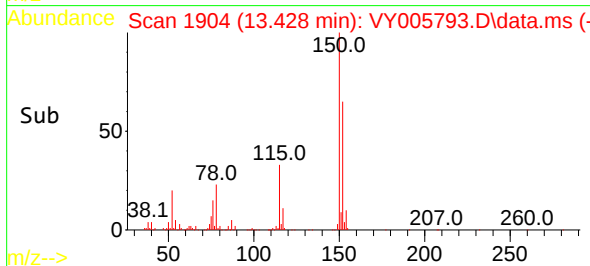
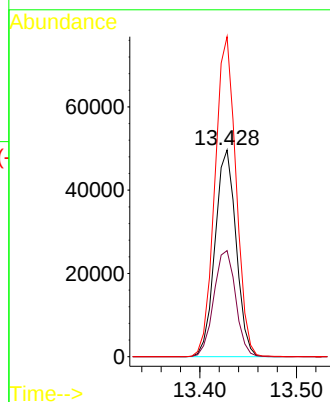
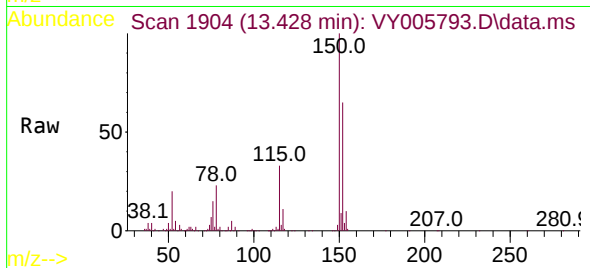




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005793.D
 Acq: 20 Aug 2021 15:18

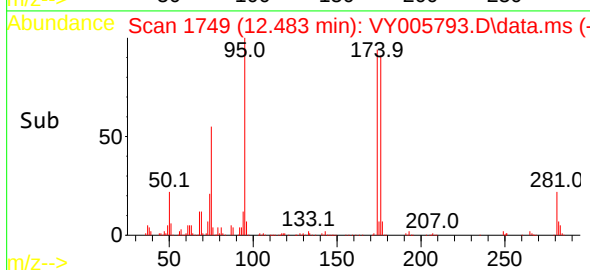
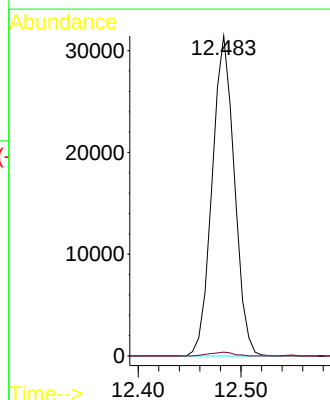
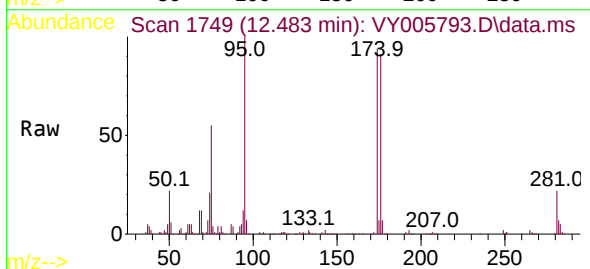
Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-4-(177.00)-VOC-GRAB

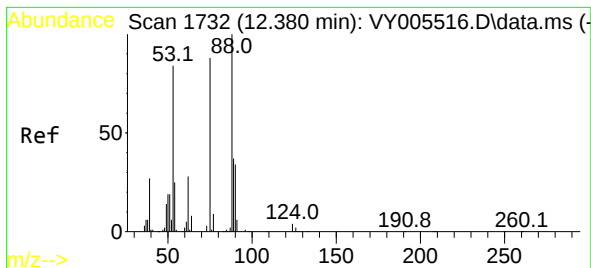
Tgt Ion:152 Resp: 74985
 Ion Ratio Lower Upper
 152 100
 115 53.3 27.3 81.9
 150 155.2 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 60.737 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005793.D
 Acq: 20 Aug 2021 15:18

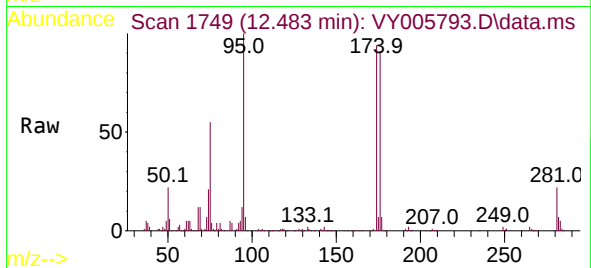
Tgt Ion: 75 Resp: 47196
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.437 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005793.D
 Acq: 20 Aug 2021 15:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-4-(177.00)-VOC-GRAB



Tgt Ion:	75	Resp:	47196
Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.0	38.4	57.6#

