

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005860.D
 Acq On : 26 Aug 2021 14:55
 Operator : SY/MD
 Sample : M3547-03
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-2

Quant Time: Aug 27 03:26:03 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	17592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	26671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	23685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9961	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	9119	51.209	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.420%	
35) Dibromofluoromethane	7.728	113	7517	50.340	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.680%	
50) Toluene-d8	10.185	98	31942	51.005	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.000%	
62) 4-Bromofluorobenzene	12.483	95	9295	44.820	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.640%	

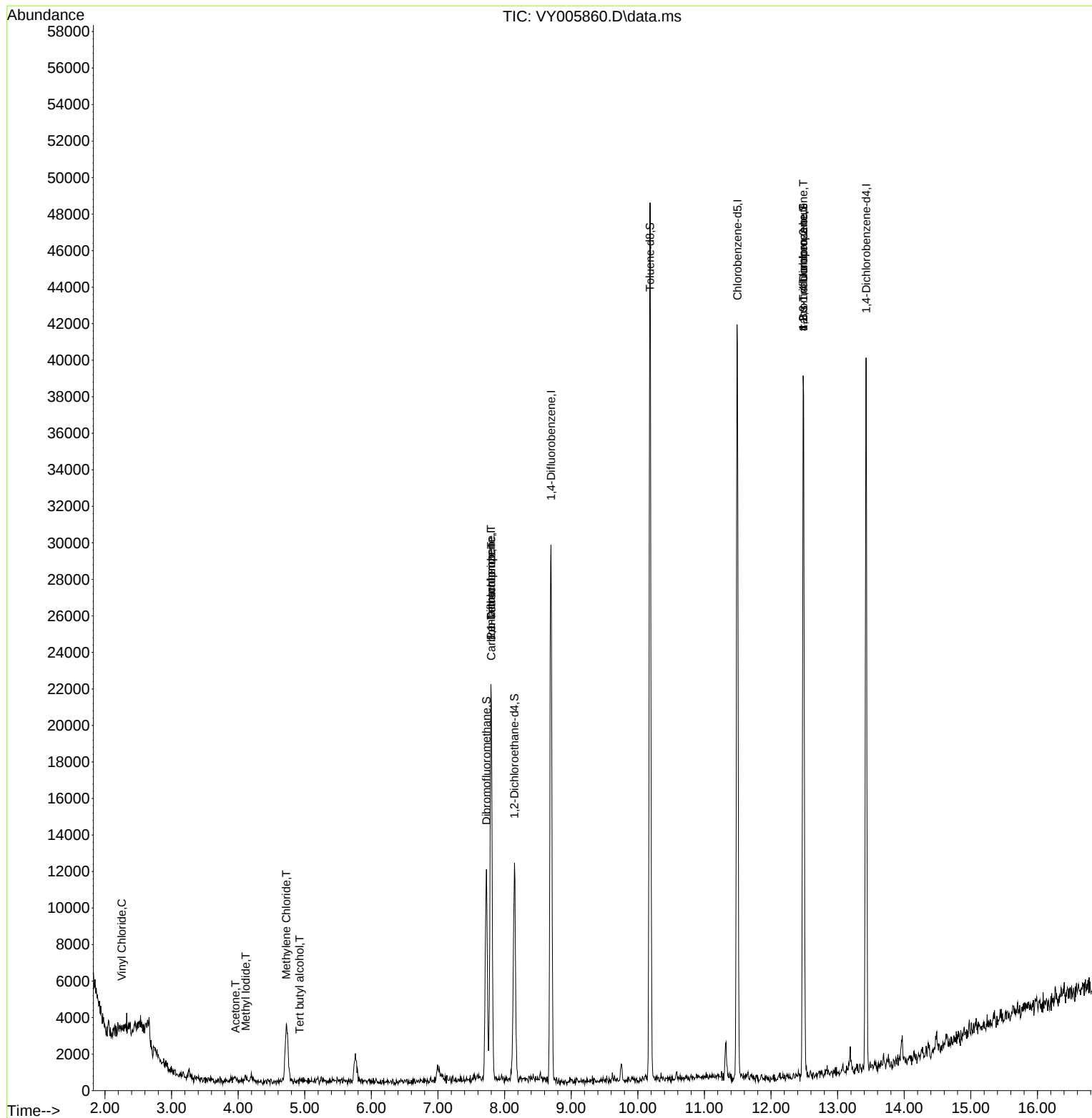
Target Compounds			Qvalue			
4) Vinyl Chloride	2.253	62	478	2.312	ug/l #	42
10) Methyl Iodide	4.113	142	431	2.304	ug/l #	67
11) Tert butyl alcohol	4.924	59	41	2.329	ug/l #	73
16) Acetone	3.960	43	436	9.711	ug/l #	74
20) Methylene Chloride	4.722	84	2461	8.836	ug/l	83
36) 1,1-Dichloropropene	7.795	75	1243	4.969	ug/l #	43
38) Carbon Tetrachloride	7.801	117	1569	5.771	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	4880	47.276	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4880	95.301	ug/l #	11

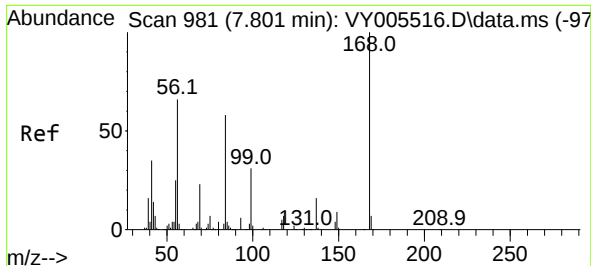
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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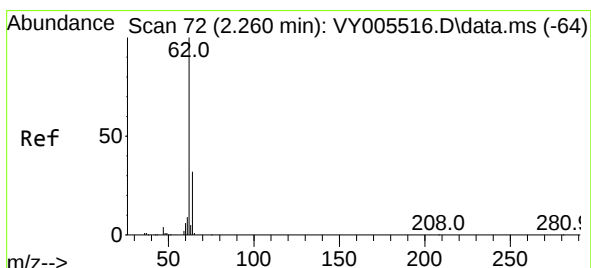
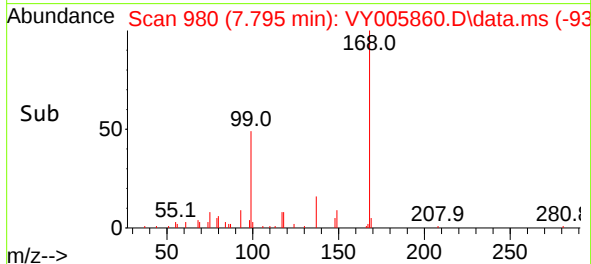
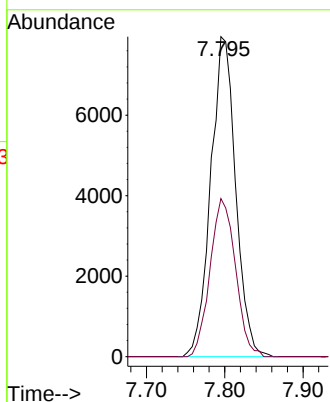
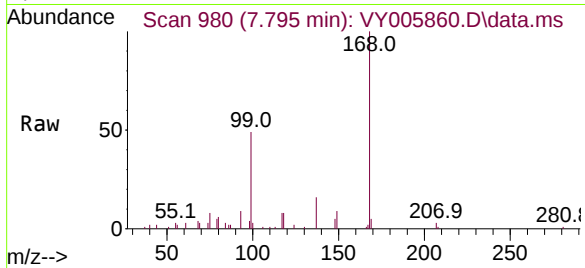




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

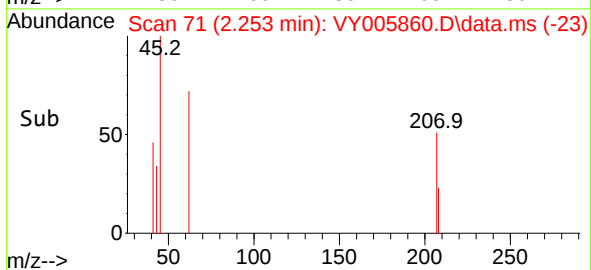
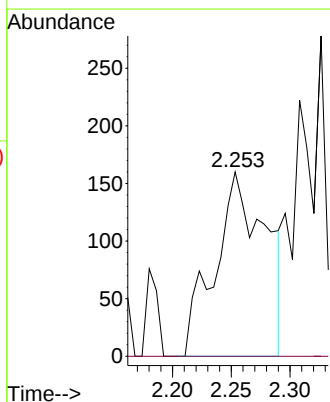
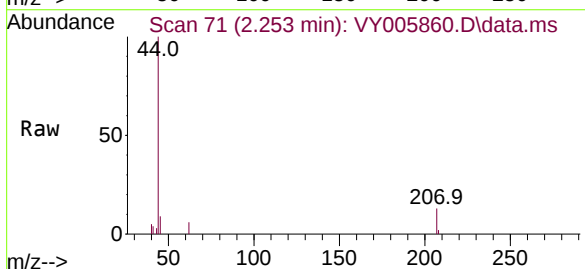
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

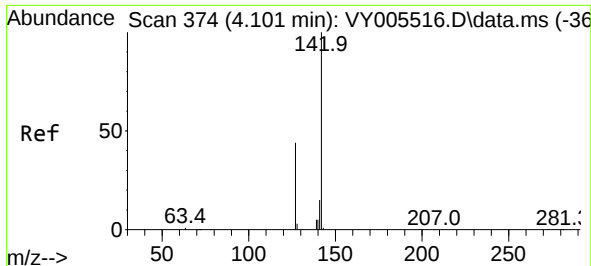
Tgt Ion:168 Resp: 17592
Ion Ratio Lower Upper
168 100
99 49.4 38.9 58.3



#4
Vinyl Chloride
Concen: 2.312 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

Tgt Ion: 62 Resp: 478
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#





#10

Methyl Iodide

Concen: 2.304 ug/l

RT: 4.113 min Scan# 376

Delta R.T. 0.012 min

Lab File: VY005860.D

Acq: 26 Aug 2021 14:55

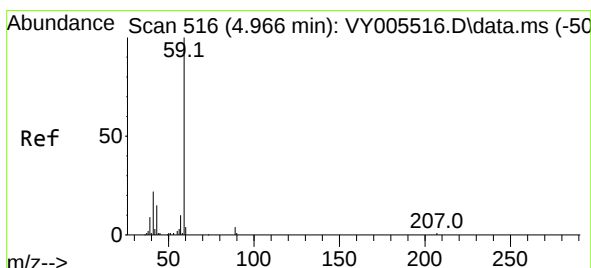
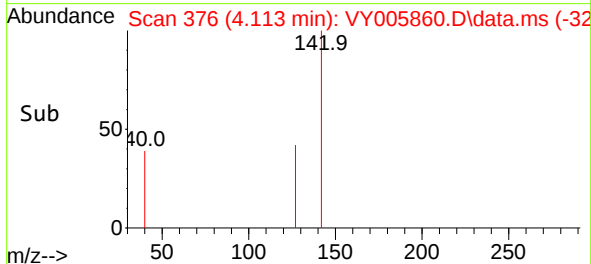
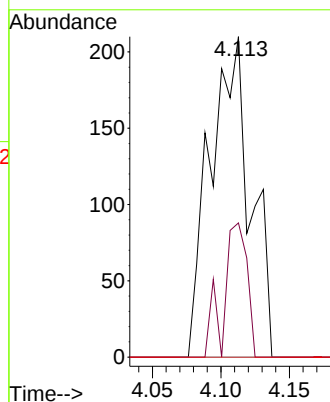
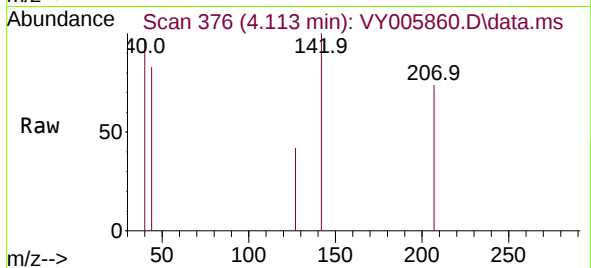
Instrument :

MSVOA_Y

ClientSampleId :

PE-2

Tgt Ion:	142	Resp:	431
Ion	Ratio	Lower	Upper
142	100		
127	24.4	36.6	54.8#
141	0.0	12.2	18.4#



#11

Tert butyl alcohol

Concen: 2.329 ug/l

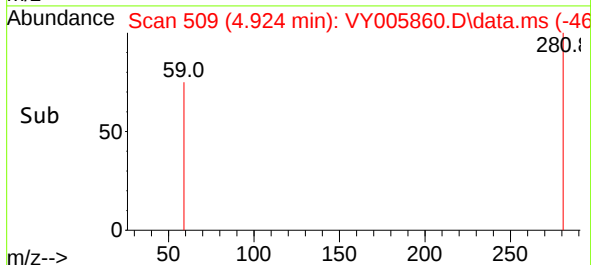
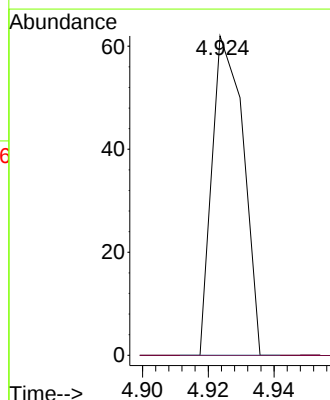
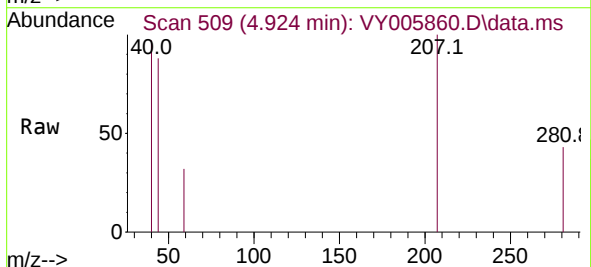
RT: 4.924 min Scan# 509

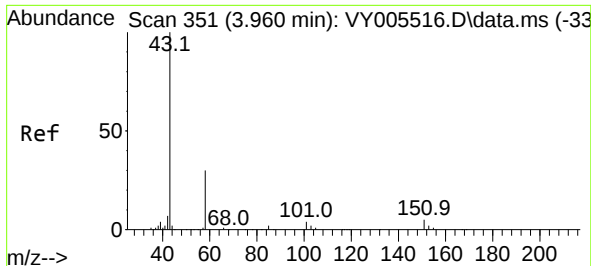
Delta R.T. -0.043 min

Lab File: VY005860.D

Acq: 26 Aug 2021 14:55

Tgt Ion:	59	Resp:	41
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#

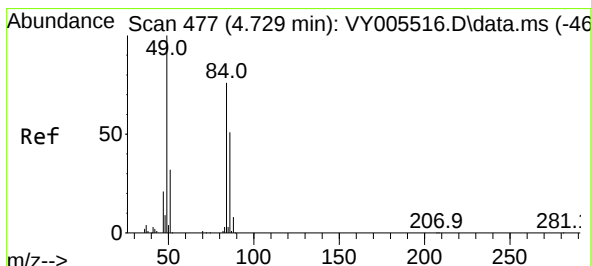
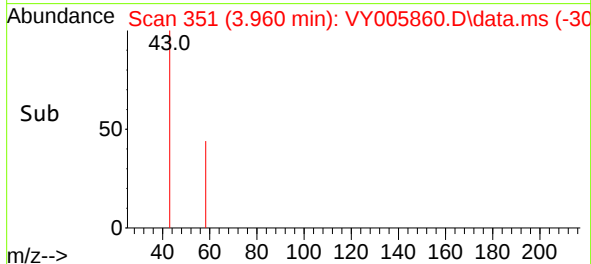
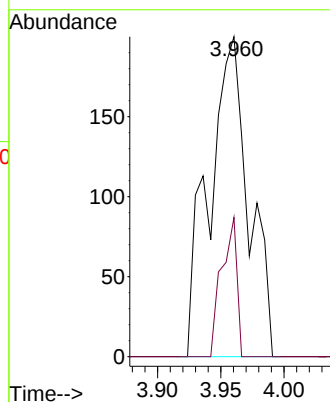
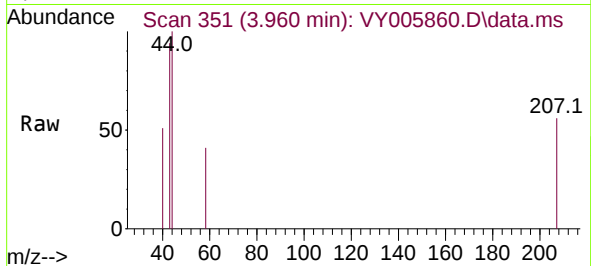




#16
Acetone
Concen: 9.711 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

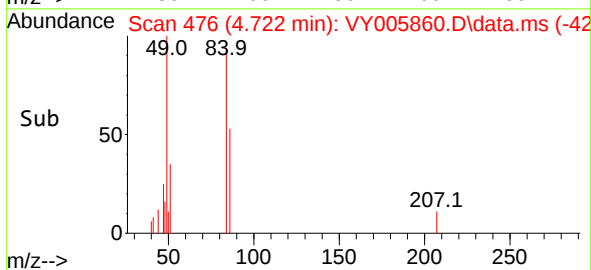
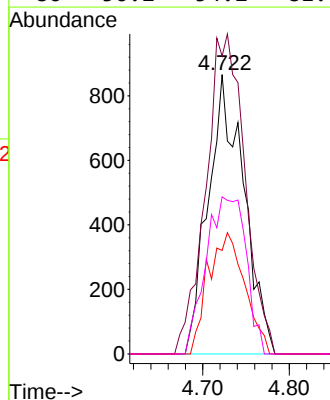
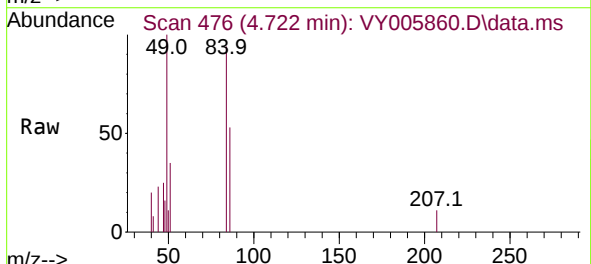
Instrument :
MSVOA_Y
ClientSampled :
PE-2

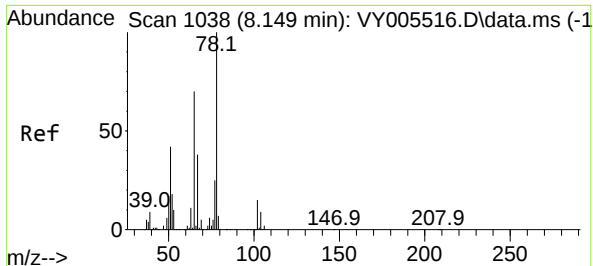
Tgt Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
58 43.5 23.8 35.6#



#20
Methylene Chloride
Concen: 8.836 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

Tgt Ion: 84 Resp: 2461
Ion Ratio Lower Upper
84 100
49 106.6 105.8 158.6
51 37.1 33.4 50.2
86 56.2 54.2 81.4



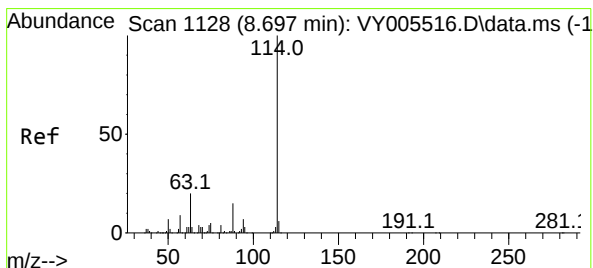
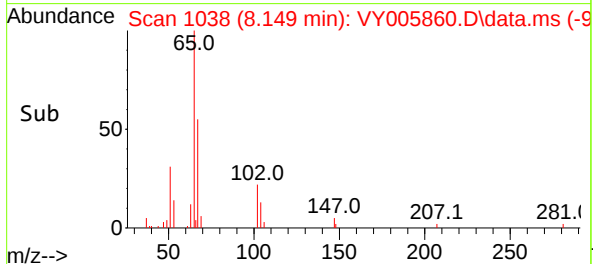
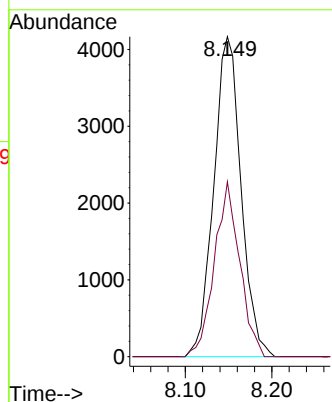
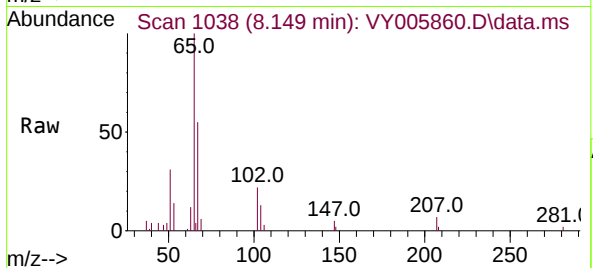


#33

1,2-Dichloroethane-d4
Concen: 51.209 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

Instrument :
MSVOA_Y
ClientSampled :
PE-2

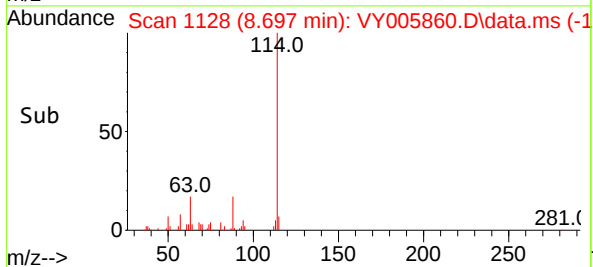
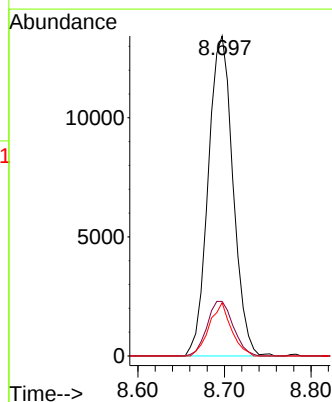
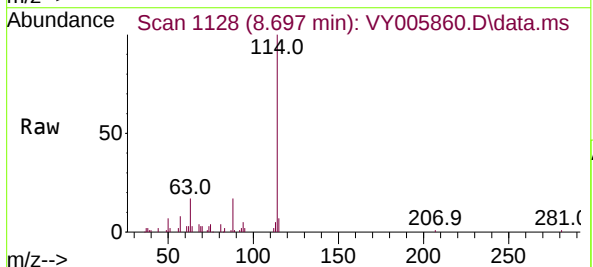
Tgt Ion: 65 Resp: 9119
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.4

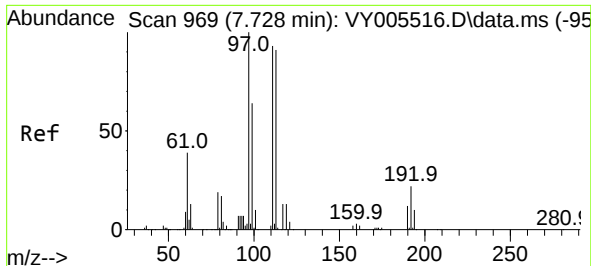


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

Tgt Ion: 114 Resp: 26671
Ion Ratio Lower Upper
114 100
63 17.1 0.0 39.2
88 16.7 0.0 30.8

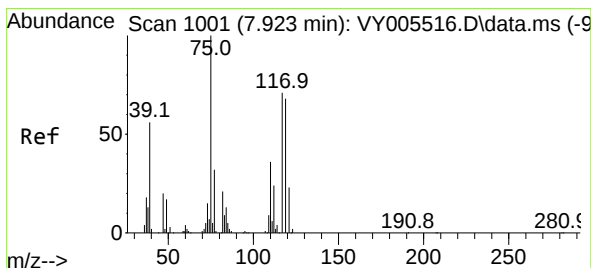
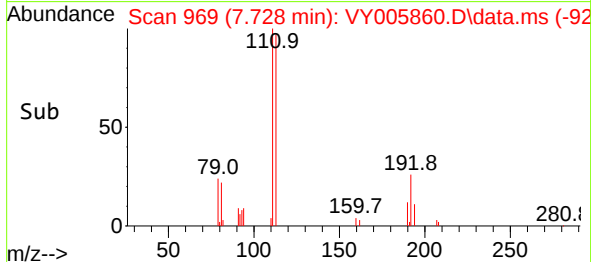
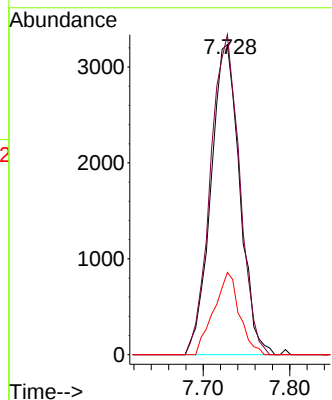
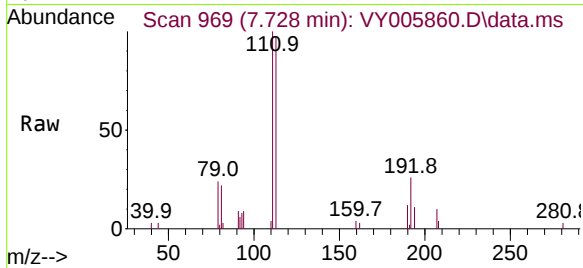




#35
Dibromofluoromethane
Concen: 50.340 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

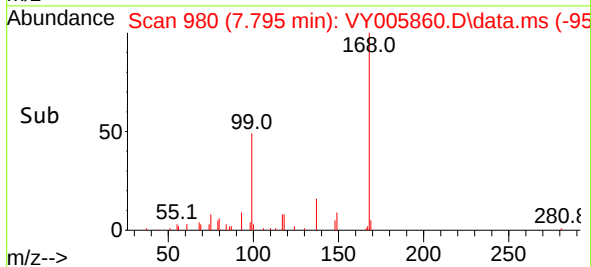
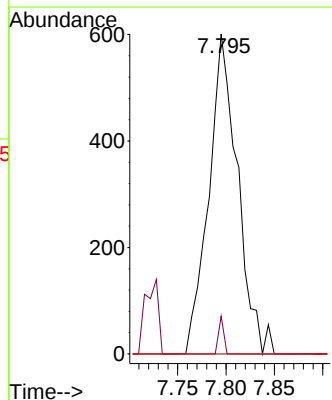
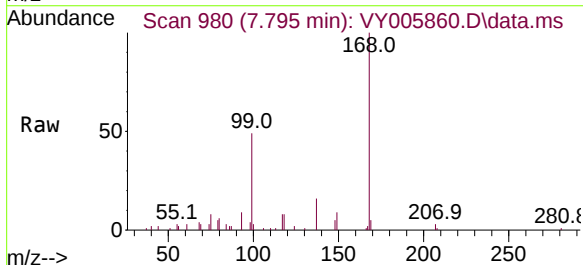
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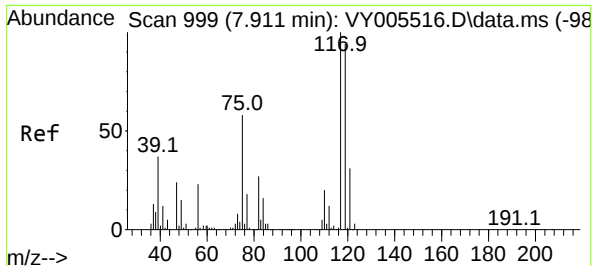
Tgt Ion:113 Resp: 7517
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 23.4 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.969 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

Tgt Ion: 75 Resp: 1243
Ion Ratio Lower Upper
75 100
110 2.1 18.1 54.1#
77 0.0 25.1 37.7#

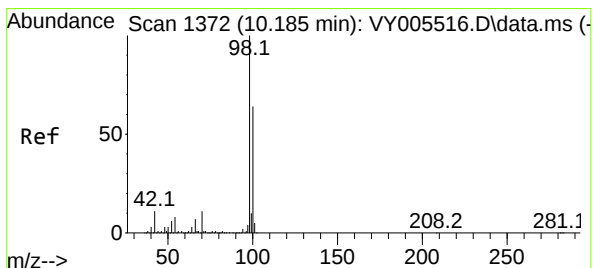
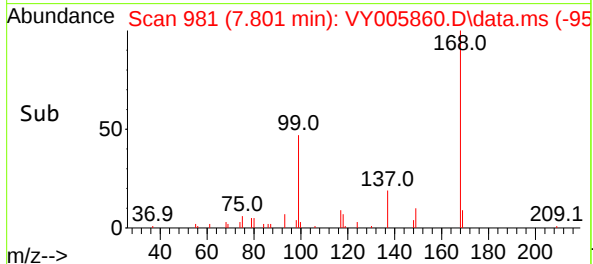
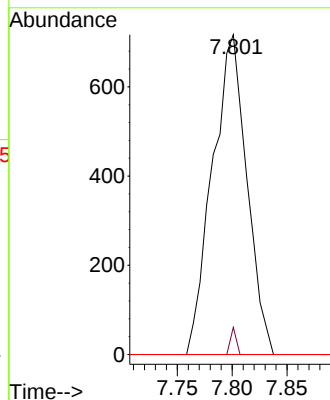
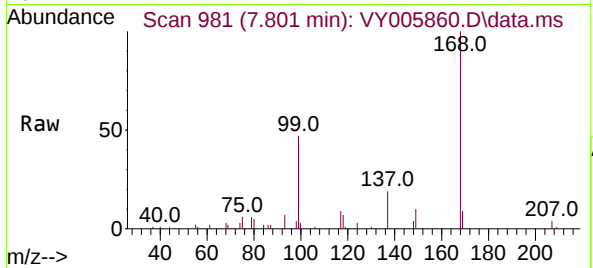




#38
Carbon Tetrachloride
Concen: 5.771 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

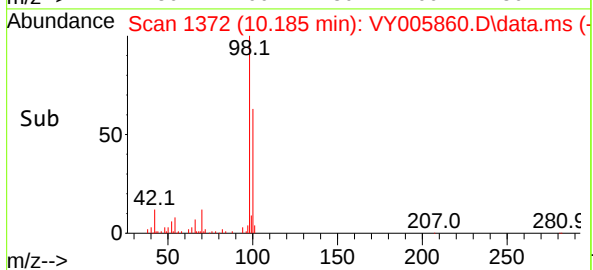
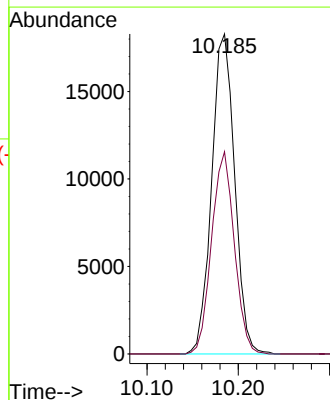
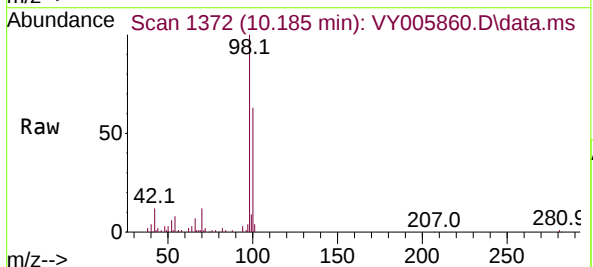
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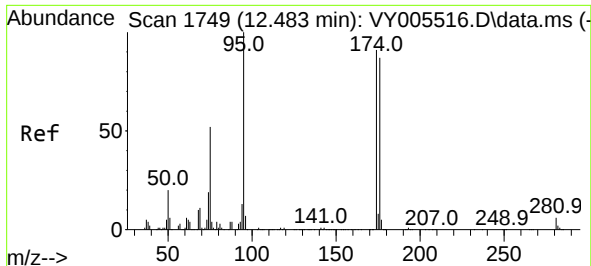
Tgt Ion:117 Resp: 1569
Ion Ratio Lower Upper
117 100
119 8.5 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 51.005 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

Tgt Ion: 98 Resp: 31942
Ion Ratio Lower Upper
98 100
100 62.5 51.3 76.9

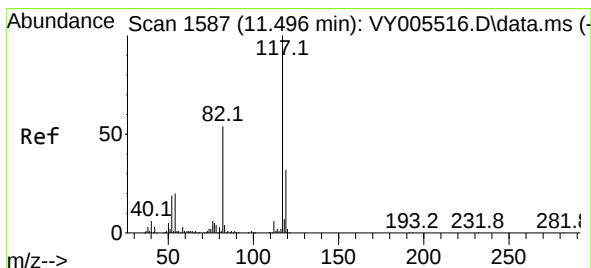
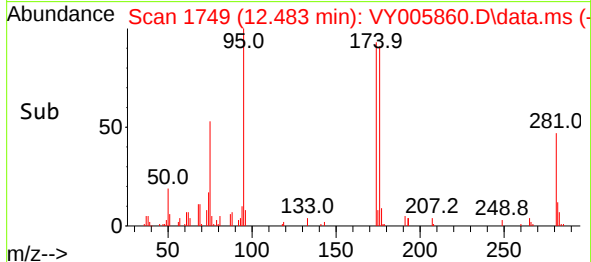
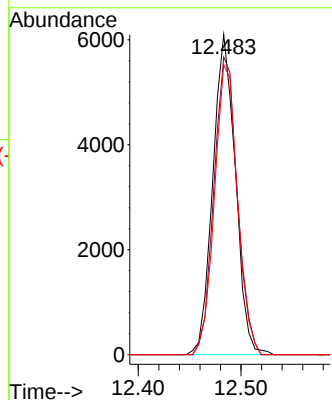
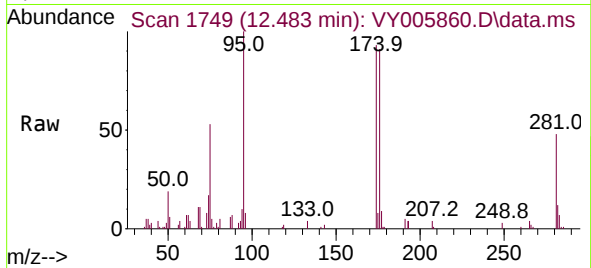




#62
4-Bromofluorobenzene
Concen: 44.820 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

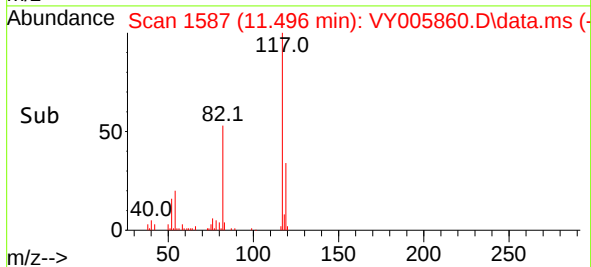
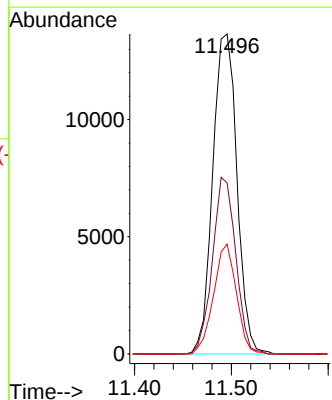
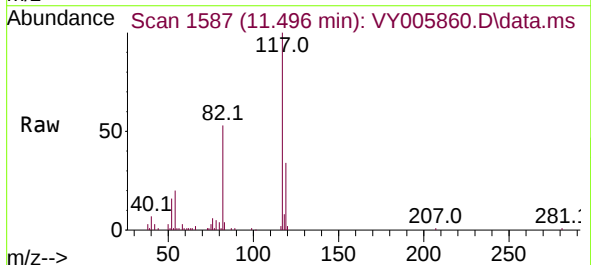
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

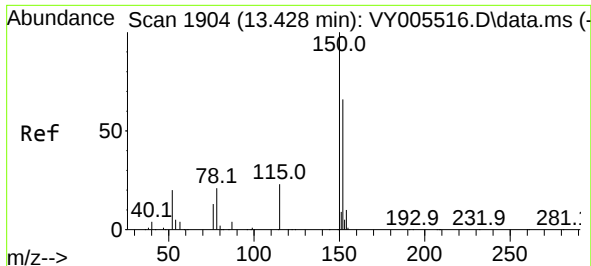
Tgt Ion:	95	Resp:	9295
Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	191.4
176	92.5	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

Tgt Ion:	117	Resp:	23685
Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.5	65.3
119	34.3	25.5	38.3

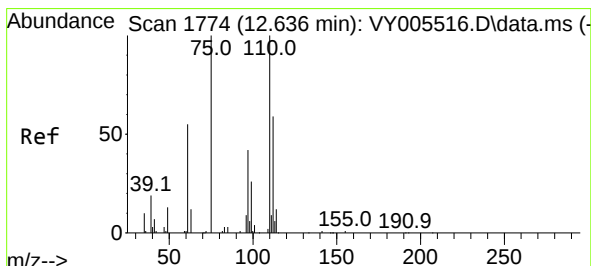
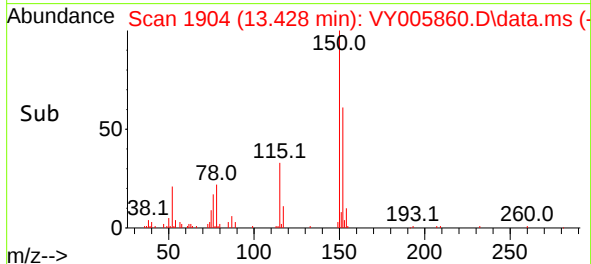
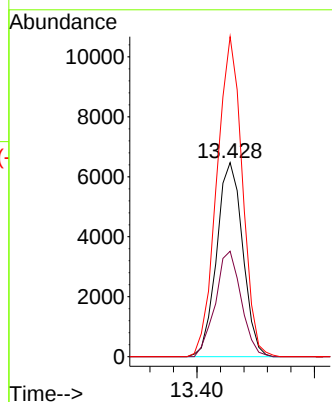
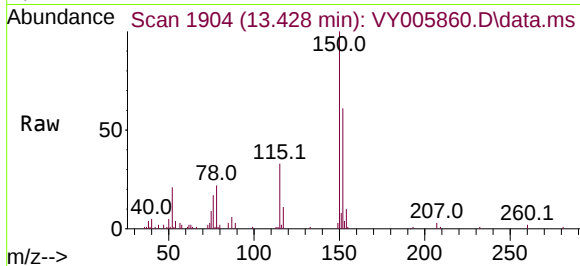




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005860.D
 Acq: 26 Aug 2021 14:55

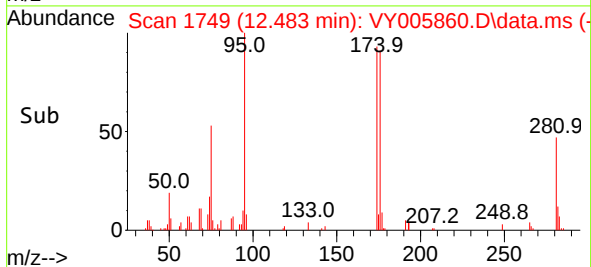
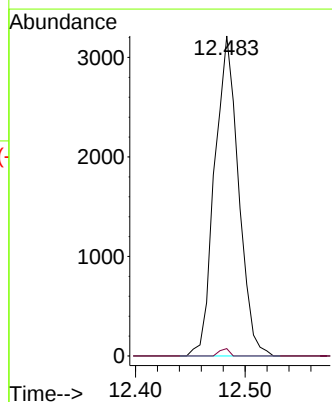
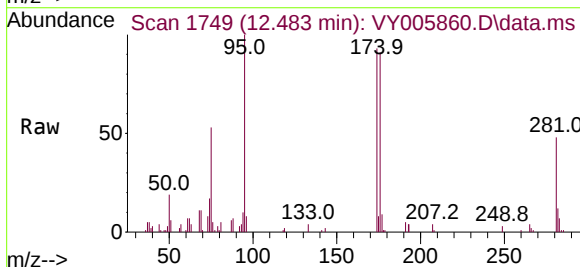
Instrument :
 MSVOA_Y
 ClientSampled :
 PE-2

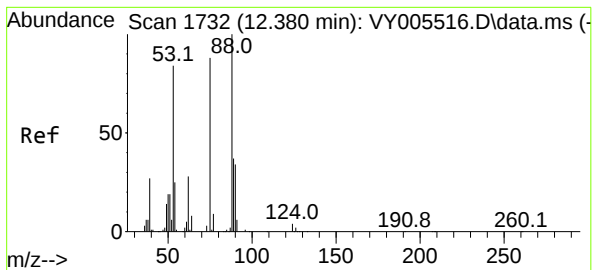
Tgt Ion:152 Resp: 9961
 Ion Ratio Lower Upper
 152 100
 115 53.9 27.3 81.9
 150 161.6 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 47.276 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005860.D
 Acq: 26 Aug 2021 14:55

Tgt Ion: 75 Resp: 4880
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.301 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005860.D
 Acq: 26 Aug 2021 14:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-2

Tgt Ion: 75 Resp: 4880
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

