

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
 Data File : VY005841.D
 Acq On : 25 Aug 2021 15:39
 Operator : SY/MD
 Sample : M3524-06
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-6

Quant Time: Aug 26 03:38:08 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)

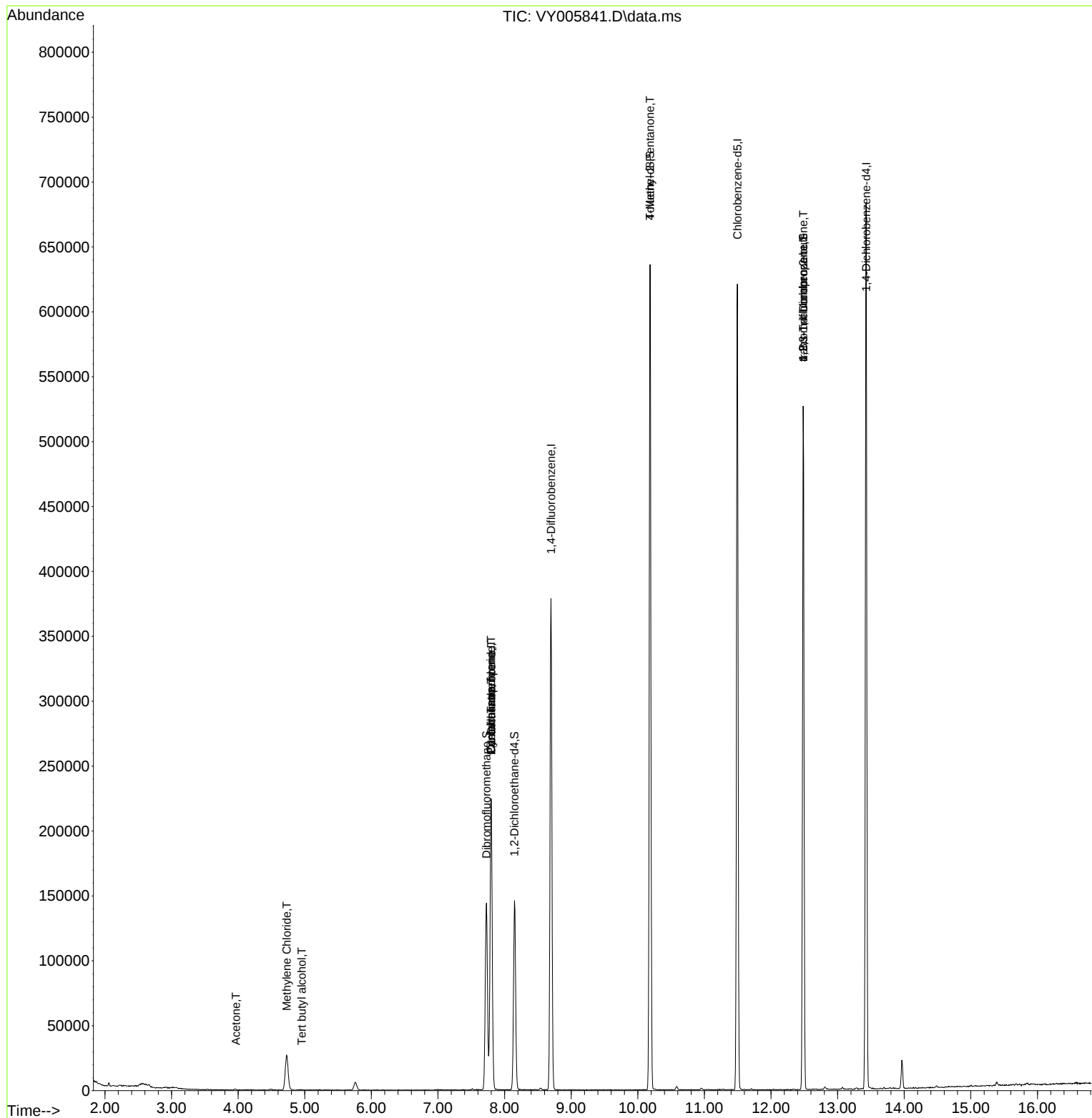
Internal Standards						
1) Pentafluorobenzene	7.801	168	186259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	316999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	333562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	173914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	117366	62.250	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.500%	
35) Dibromofluoromethane	7.728	113	96958	54.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.260%	
50) Toluene-d8	10.185	98	412574	55.428	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.860%	
62) 4-Bromofluorobenzene	12.483	95	149232	60.543	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	250	1.341	ug/l #	73
16) Acetone	3.966	43	873	1.837	ug/l #	76
20) Methylene Chloride	4.728	84	19914	5.126	ug/l	98
31) Cyclohexane	7.795	56	3620	1.119	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	13087	4.402	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16478	5.099	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1998	1.113	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	82405	45.723	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	82405	92.172	ug/l #	11

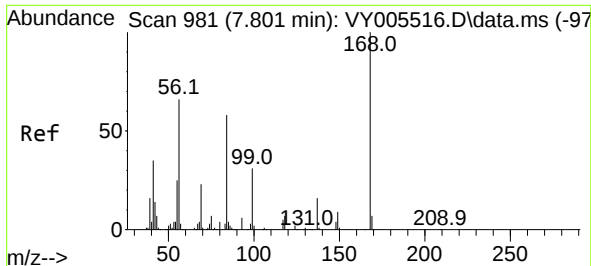
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
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Response via : Initial Calibration

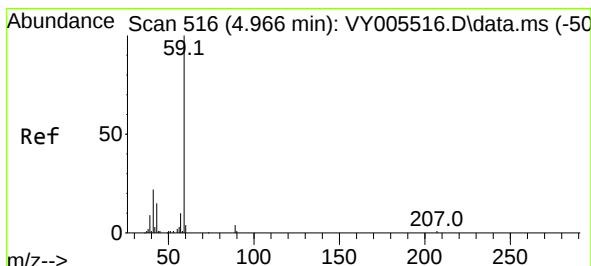
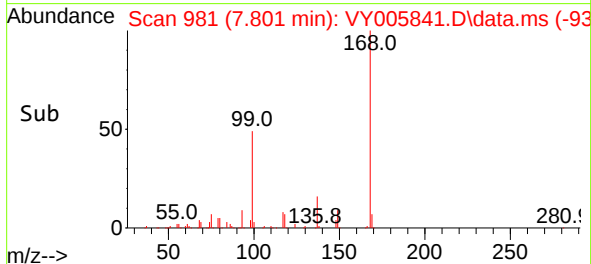
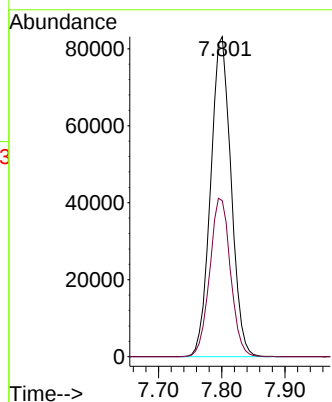
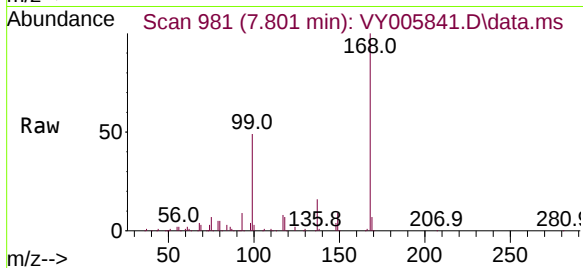




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005841.D
Acq: 25 Aug 2021 15:39

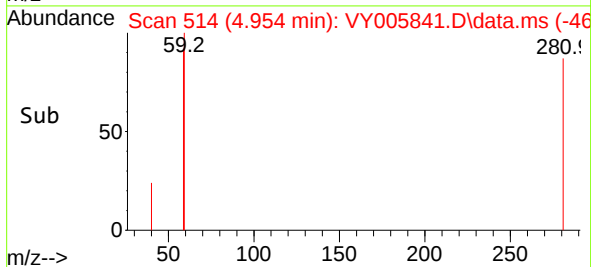
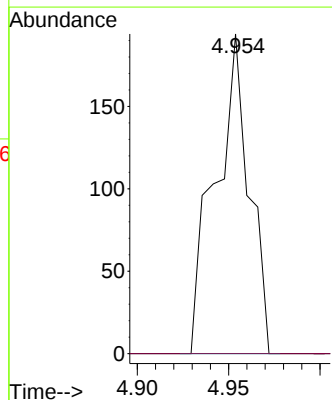
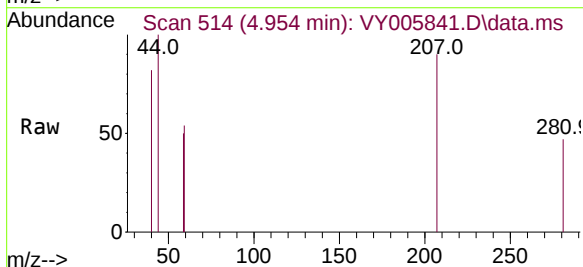
Instrument :
MSVOA_Y
ClientSampleId :
PE-6

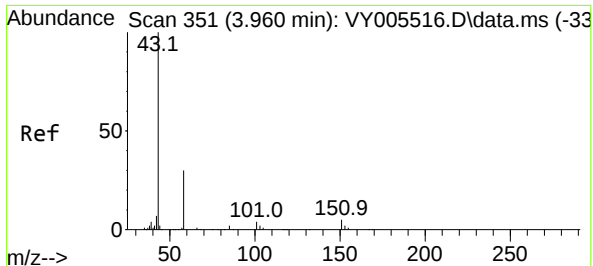
Tgt Ion:168 Resp: 186259
Ion Ratio Lower Upper
168 100
99 48.8 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.341 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.013 min
Lab File: VY005841.D
Acq: 25 Aug 2021 15:39

Tgt Ion: 59 Resp: 250
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

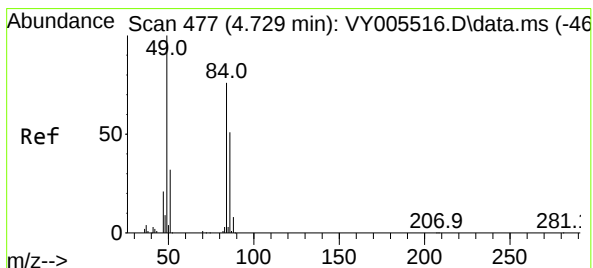
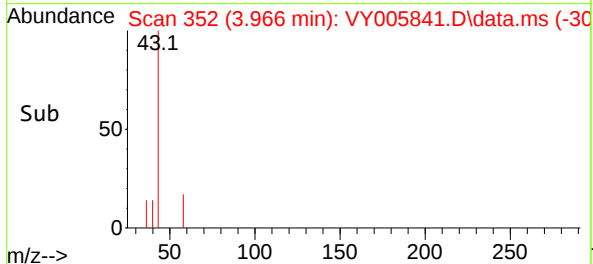
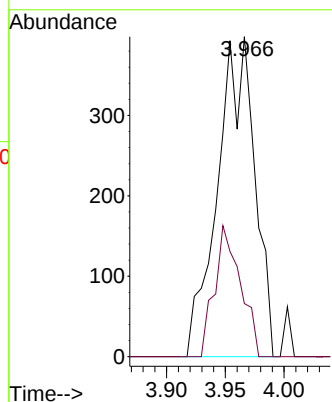
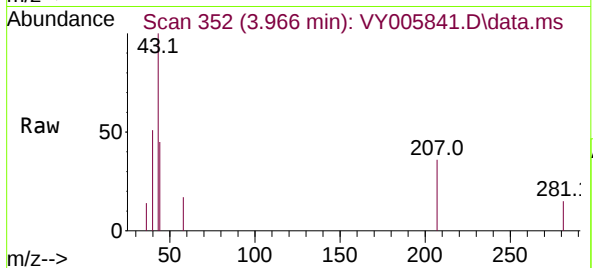




#16
Acetone
Concen: 1.837 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005841.D
Acq: 25 Aug 2021 15:39

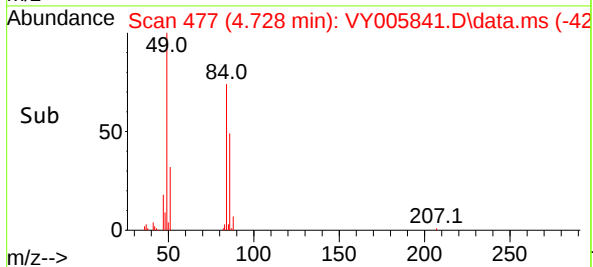
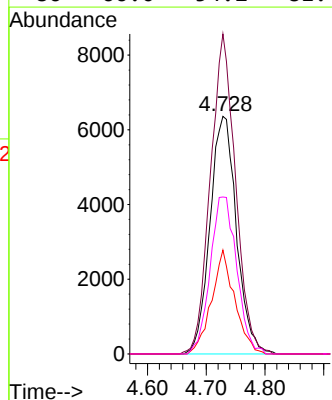
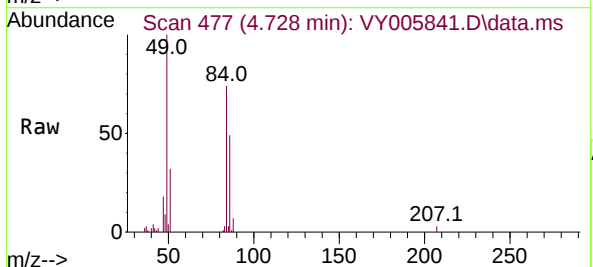
Instrument :
MSVOA_Y
ClientSampled :
PE-6

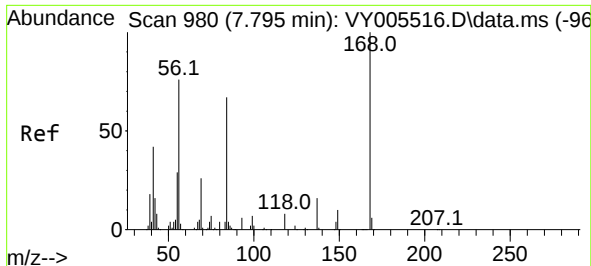
Tgt Ion: 43 Resp: 873
Ion Ratio Lower Upper
43 100
58 16.6 23.8 35.6#



#20
Methylene Chloride
Concen: 5.126 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005841.D
Acq: 25 Aug 2021 15:39

Tgt Ion: 84 Resp: 19914
Ion Ratio Lower Upper
84 100
49 134.7 105.8 158.6
51 43.7 33.4 50.2
86 66.0 54.2 81.4

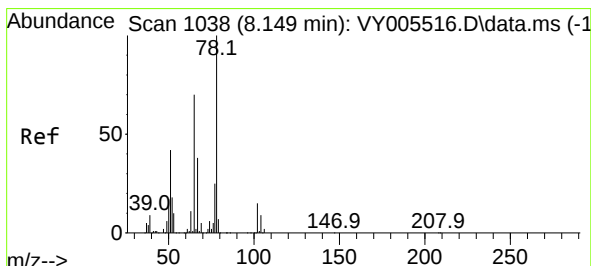
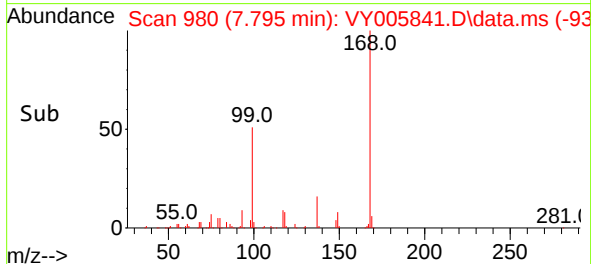
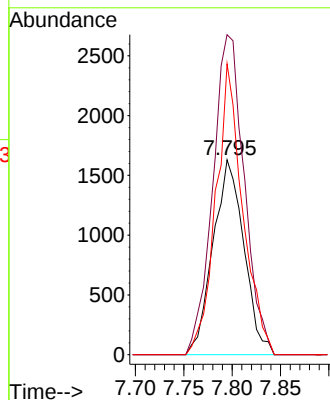
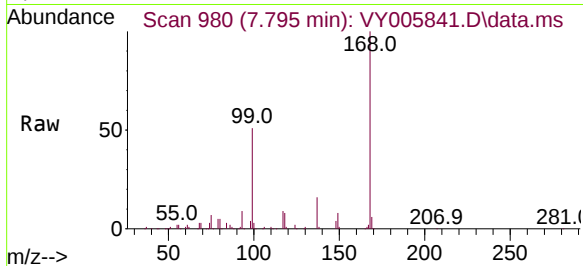




#31
Cyclohexane
Concen: 1.119 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005841.D
Acq: 25 Aug 2021 15:39

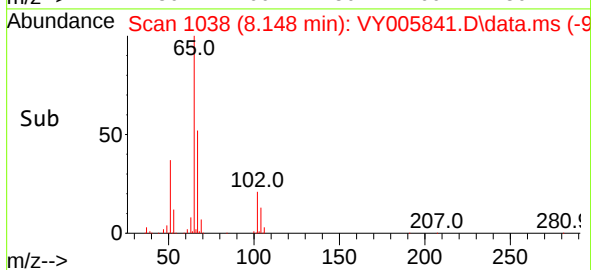
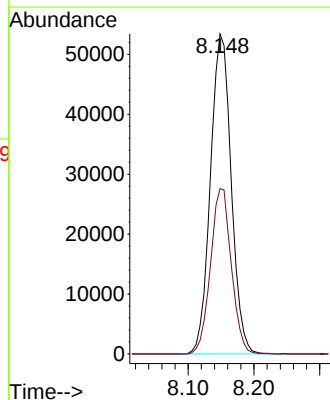
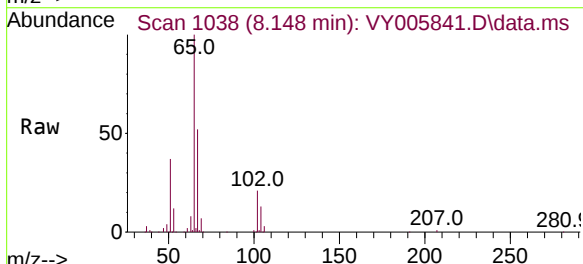
Instrument :
MSVOA_Y
ClientSampleId :
PE-6

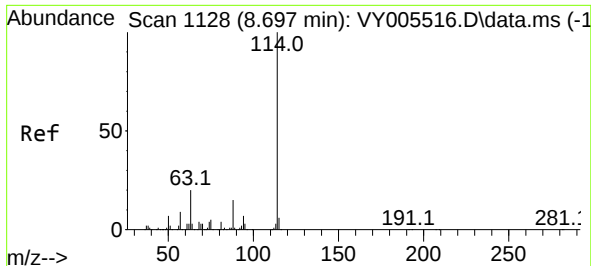
Tgt Ion: 56 Resp: 3620
Ion Ratio Lower Upper
56 100
69 164.2 27.7 41.5#
84 149.3 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 62.250 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005841.D
Acq: 25 Aug 2021 15:39

Tgt Ion: 65 Resp: 117366
Ion Ratio Lower Upper
65 100
67 51.7 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: VY005841.D

Acq: 25 Aug 2021 15:39

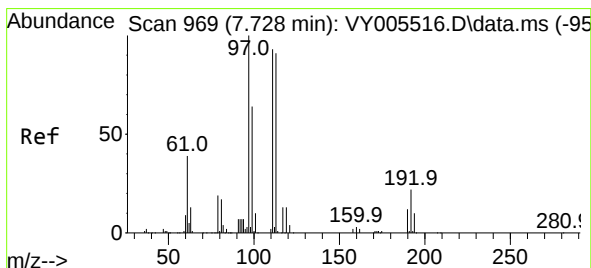
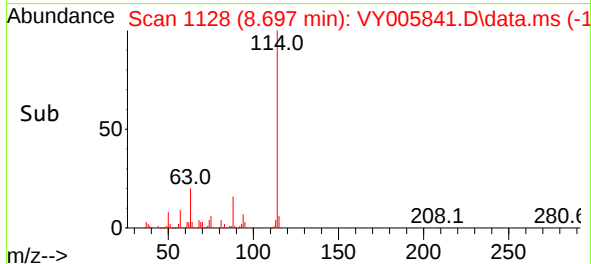
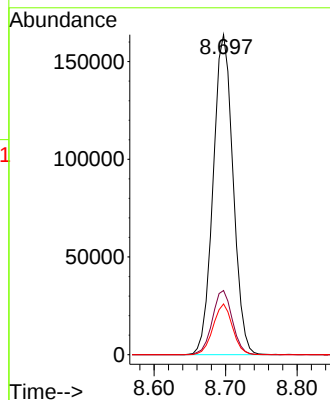
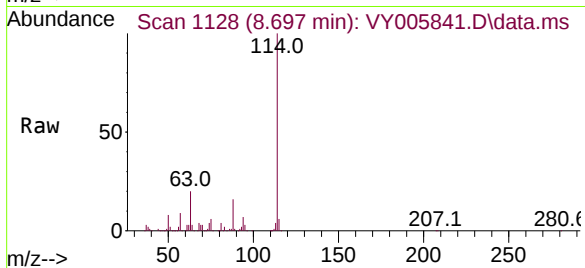
Instrument :

MSVOA_Y

ClientSampleId :

PE-6

Tgt Ion:	114	Resp:	316999
Ion Ratio	Lower	Upper	
114	100		
63	20.0	0.0	39.2
88	15.9	0.0	30.8



#35

Dibromofluoromethane

Concen: 54.630 ug/l

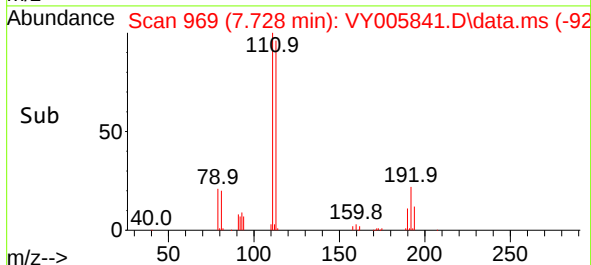
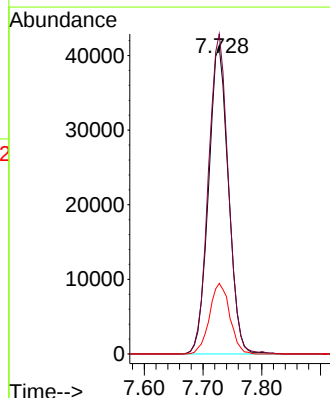
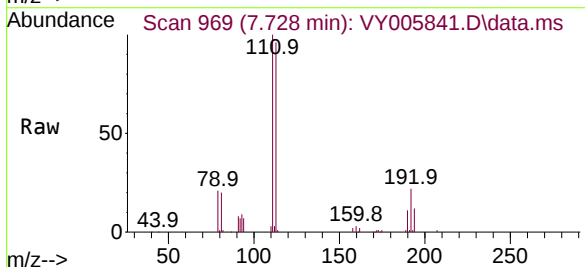
RT: 7.728 min Scan# 969

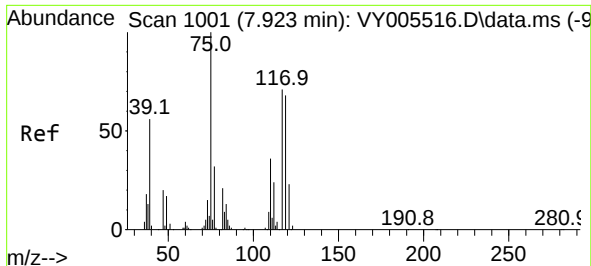
Delta R.T. -0.000 min

Lab File: VY005841.D

Acq: 25 Aug 2021 15:39

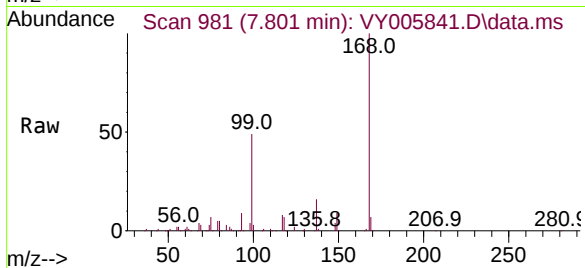
Tgt Ion:	113	Resp:	96958
Ion Ratio	Lower	Upper	
113	100		
111	104.0	81.9	122.9
192	23.4	19.2	28.8



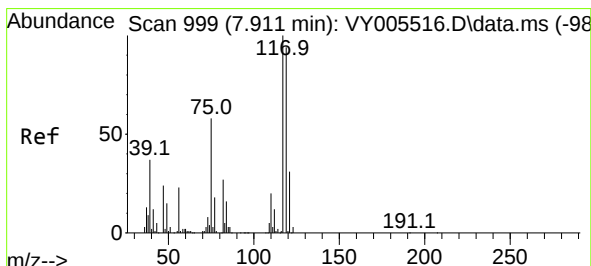
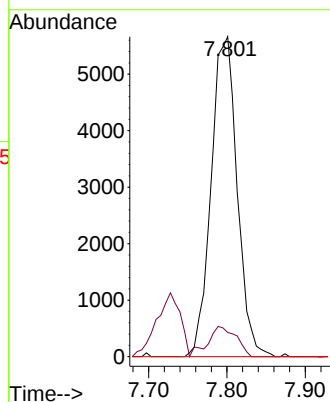
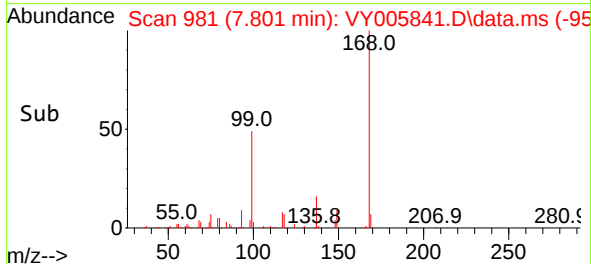


#36
1,1-Dichloropropene
Concen: 4.402 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005841.D
Acq: 25 Aug 2021 15:39

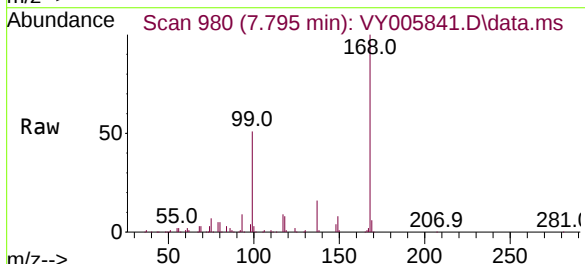
Instrument :
MSVOA_Y
ClientSampleId :
PE-6



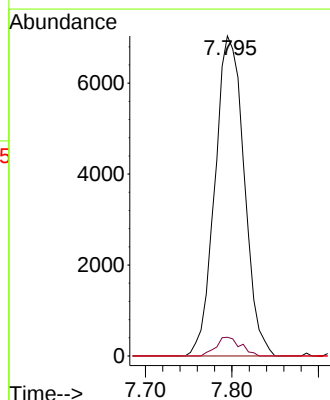
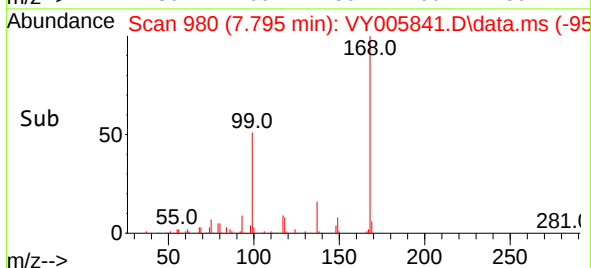
Tgt Ion: 75 Resp: 13087
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.1#
77 0.0 25.1 37.7#

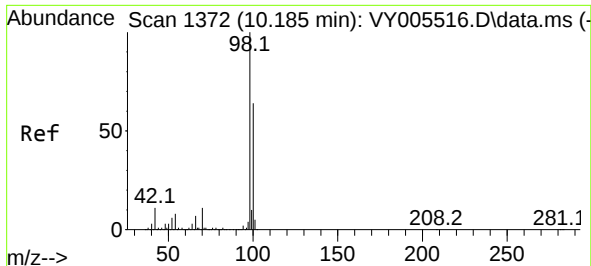


#38
Carbon Tetrachloride
Concen: 5.099 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005841.D
Acq: 25 Aug 2021 15:39



Tgt Ion: 117 Resp: 16478
Ion Ratio Lower Upper
117 100
119 5.9 75.4 113.0#
121 0.0 25.1 37.7#

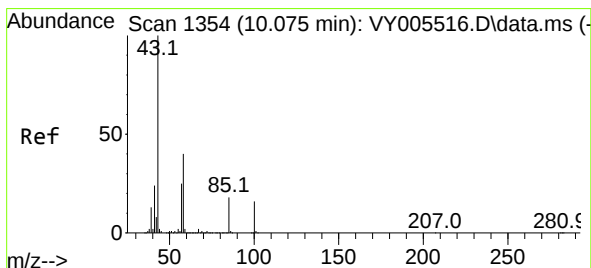
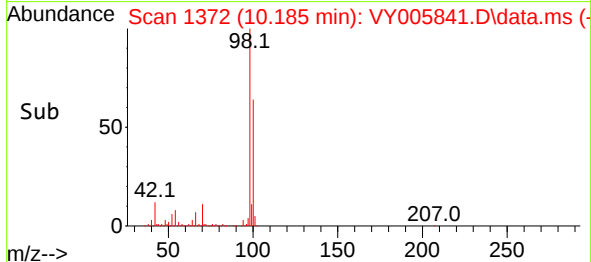
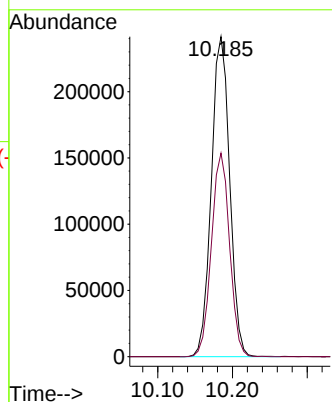
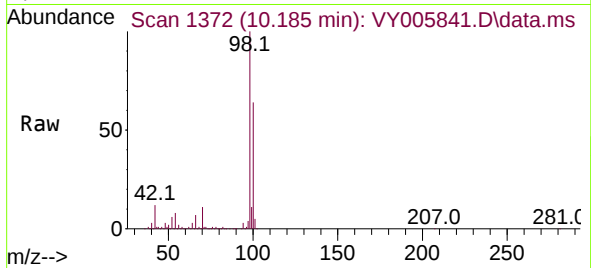




#50
Toluene-d8
Concen: 55.428 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005841.D
Acq: 25 Aug 2021 15:39

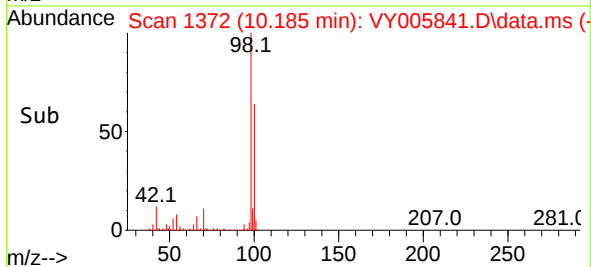
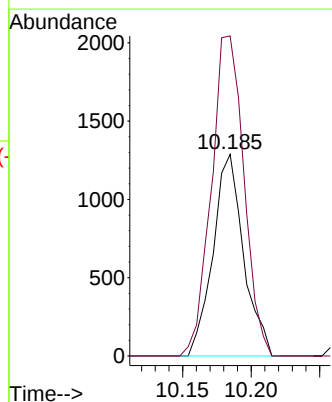
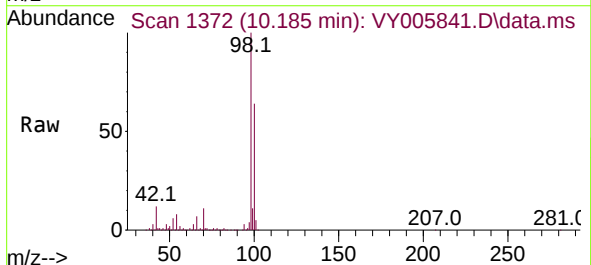
Instrument :
MSVOA_Y
ClientSampled :
PE-6

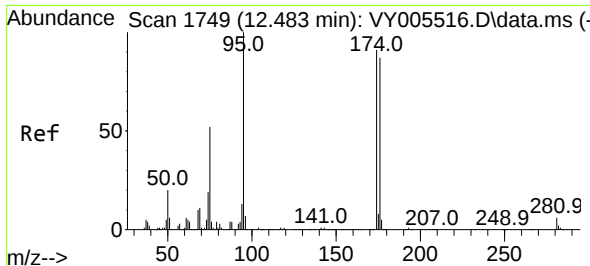
Tgt Ion: 98 Resp: 412574
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.113 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.109 min
Lab File: VY005841.D
Acq: 25 Aug 2021 15:39

Tgt Ion: 43 Resp: 1998
Ion Ratio Lower Upper
43 100
58 169.3 31.4 47.2#

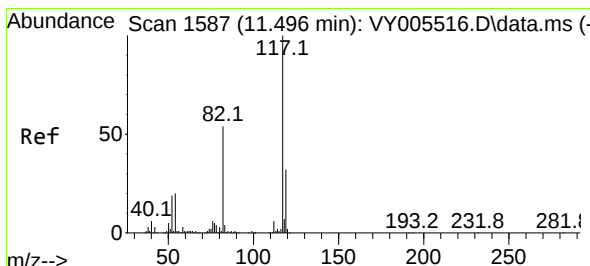
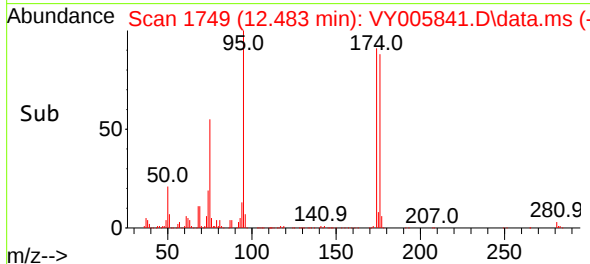
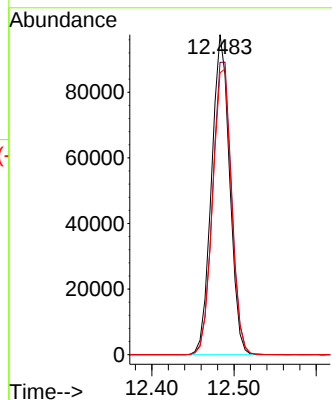
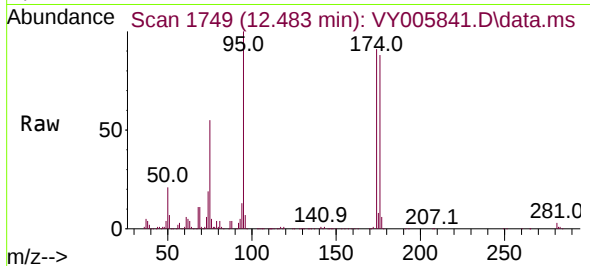




#62
4-Bromofluorobenzene
Concen: 60.543 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005841.D
Acq: 25 Aug 2021 15:39

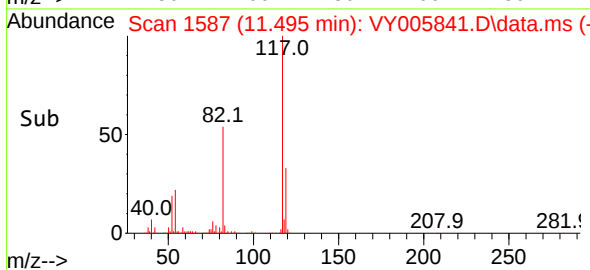
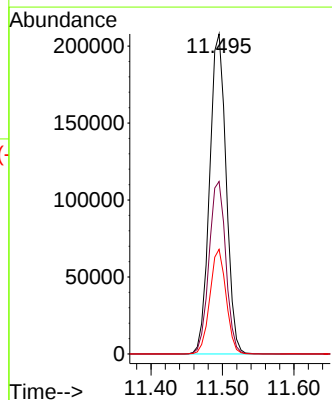
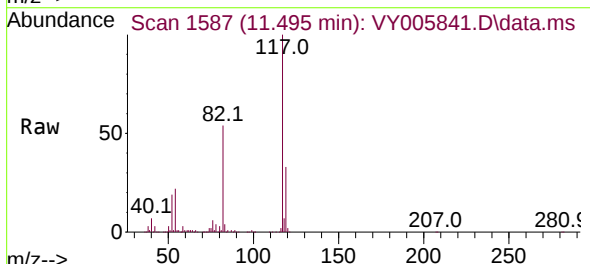
Instrument :
MSVOA_Y
ClientSampled :
PE-6

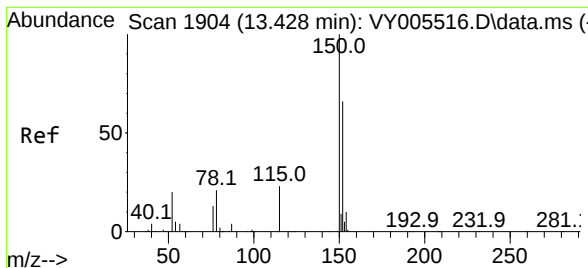
Tgt Ion: 95 Resp: 149232
Ion Ratio Lower Upper
95 100
174 95.8 0.0 191.4
176 92.6 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005841.D
Acq: 25 Aug 2021 15:39

Tgt Ion: 117 Resp: 333562
Ion Ratio Lower Upper
117 100
82 53.9 43.5 65.3
119 32.7 25.5 38.3

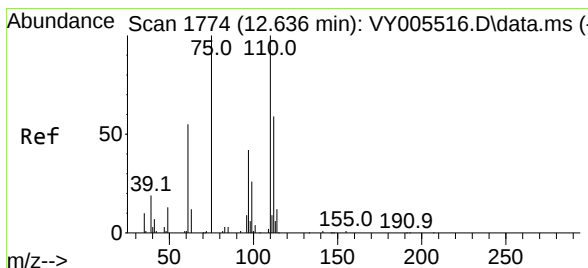
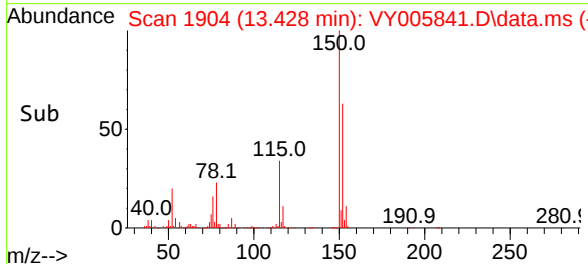
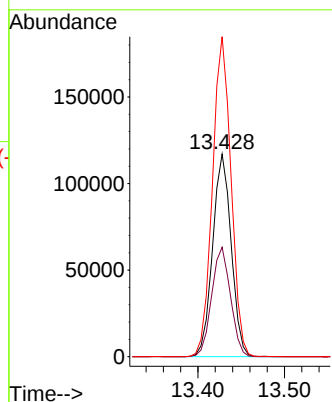
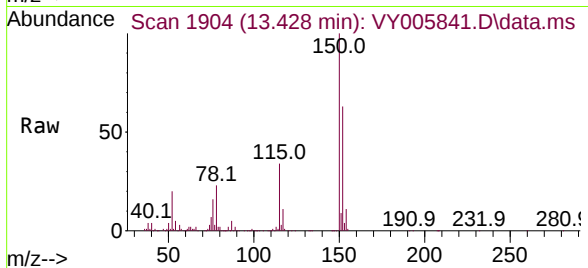




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005841.D
 Acq: 25 Aug 2021 15:39

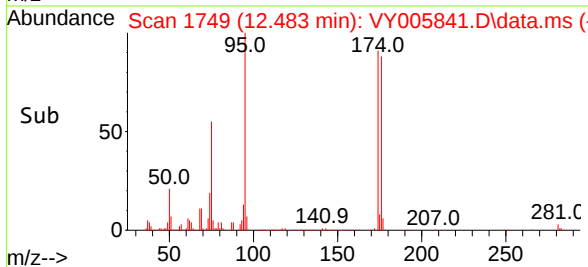
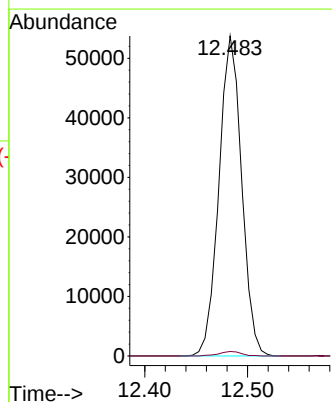
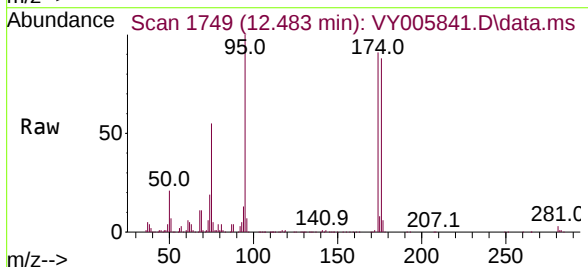
Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-6

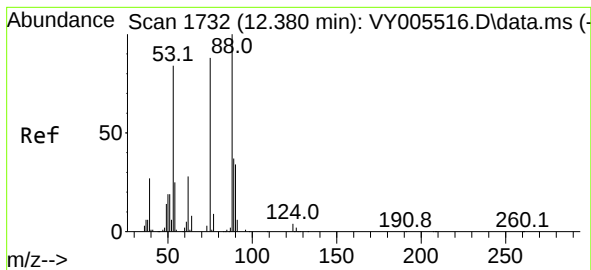
Tgt Ion:152 Resp: 173914
 Ion Ratio Lower Upper
 152 100
 115 54.8 27.3 81.9
 150 158.3 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 45.723 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005841.D
 Acq: 25 Aug 2021 15:39

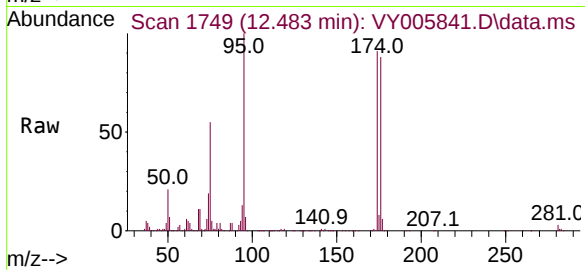
Tgt Ion: 75 Resp: 82405
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.172 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005841.D
 Acq: 25 Aug 2021 15:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-6



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

