

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005594.D
 Acq On : 10 Aug 2021 14:40
 Operator : SY/MD
 Sample : M3324-02RE
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 03:37:19 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)

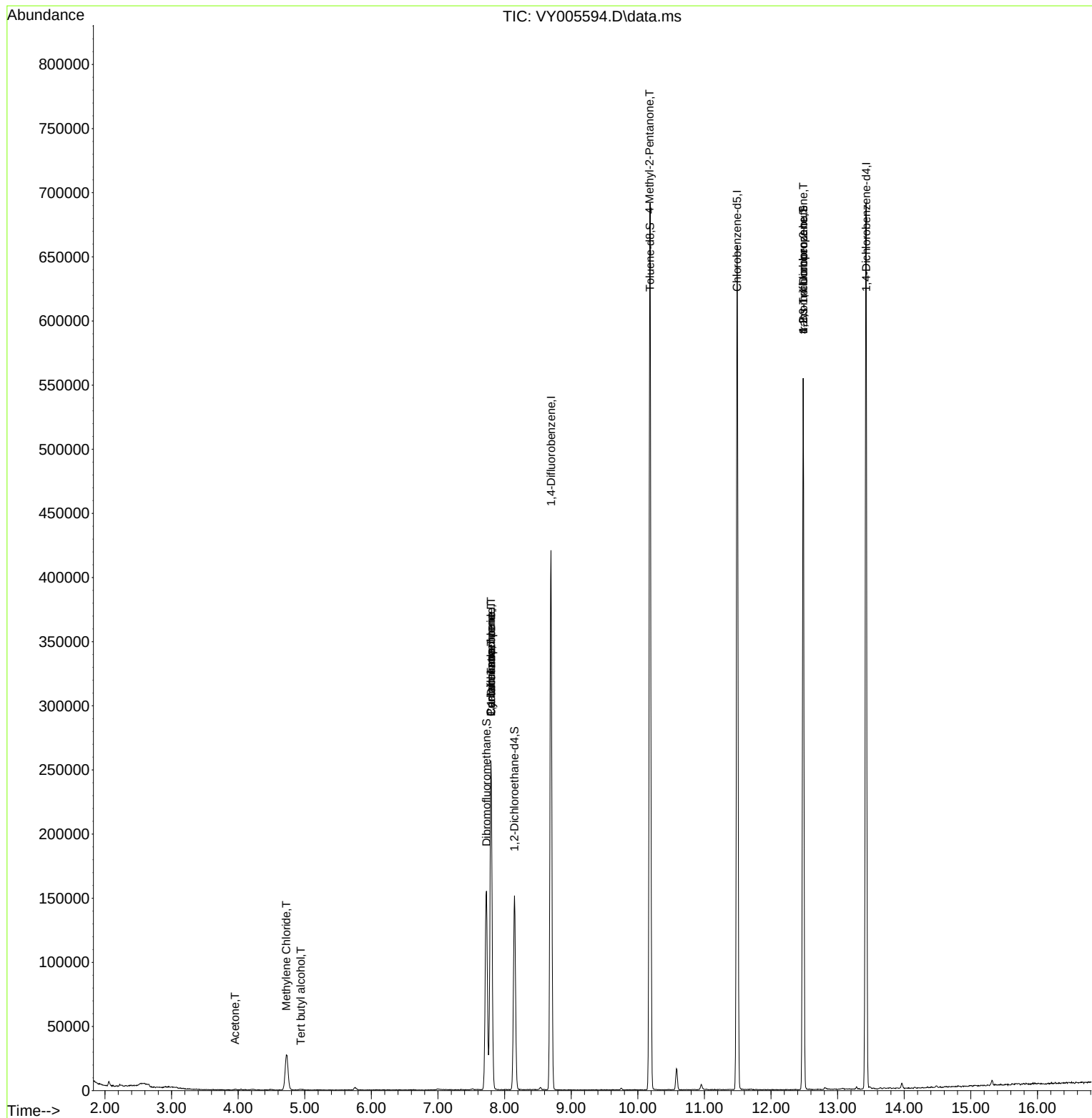
Internal Standards						
1) Pentafluorobenzene	7.795	168	208232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	345560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	348911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	178957	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122320	58.03	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.06%			
35) Dibromofluoromethane	7.728	113	104570	54.05	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.10%			
50) Toluene-d8	10.185	98	444863	54.83	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.66%			
62) 4-Bromofluorobenzene	12.483	95	156175	58.12	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.24%			
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.942	59	628	3.01	ug/l #	73
16) Acetone	3.954	43	965	1.82	ug/l #	83
20) Methylene Chloride	4.722	84	21080	4.49	ug/l #	85
31) Cyclohexane	7.795	56	3972	1.10	ug/l #	8
36) 1,1-Dichloropropene	7.795	75	15137	4.67	ug/l #	49
38) Carbon Tetrachloride	7.795	117	18703	5.31	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1975	1.01	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	84803	45.73	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84803	92.18	ug/l #	11

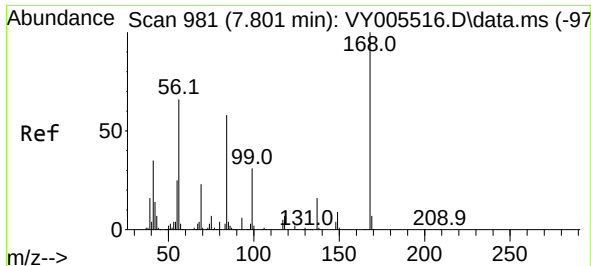
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
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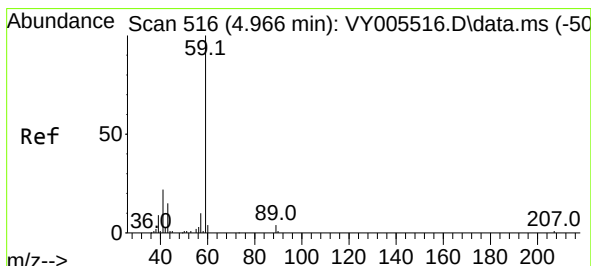
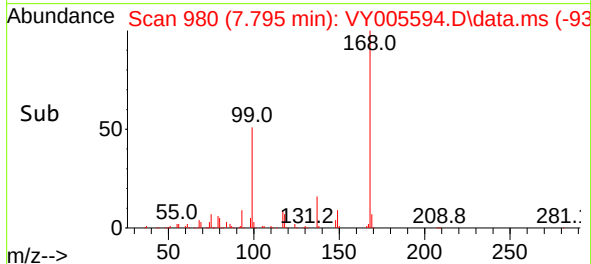
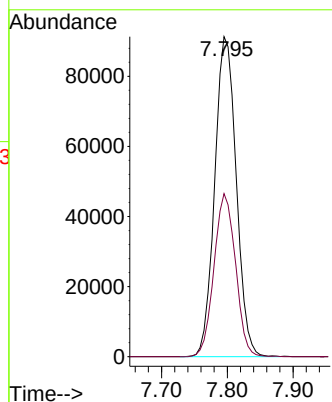
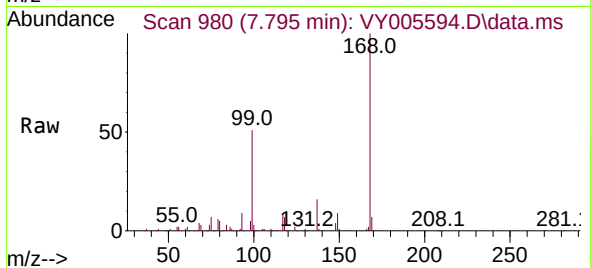




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005594.D
Acq: 10 Aug 2021 14:40

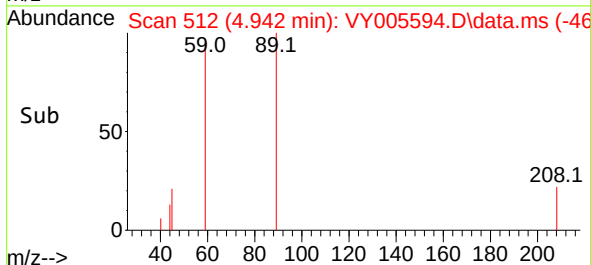
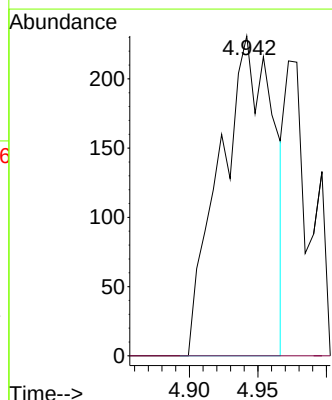
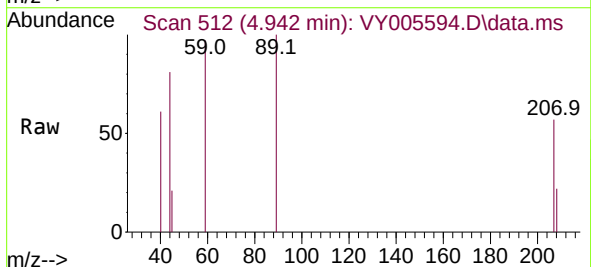
Instrument :
MSVOA_Y
ClientSampleId :

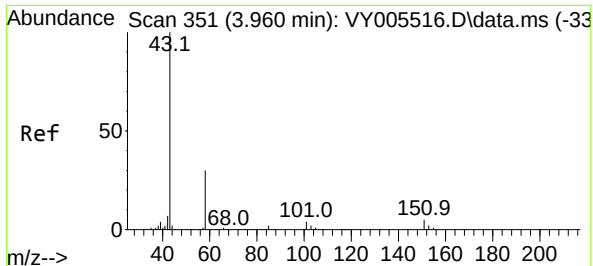
Tgt Ion:168 Resp: 208232
Ion Ratio Lower Upper
168 100
99 51.0 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.01 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.024 min
Lab File: VY005594.D
Acq: 10 Aug 2021 14:40

Tgt Ion: 59 Resp: 628
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

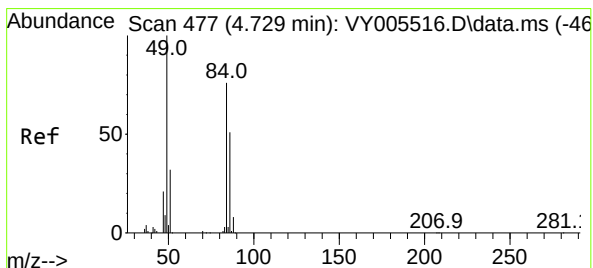
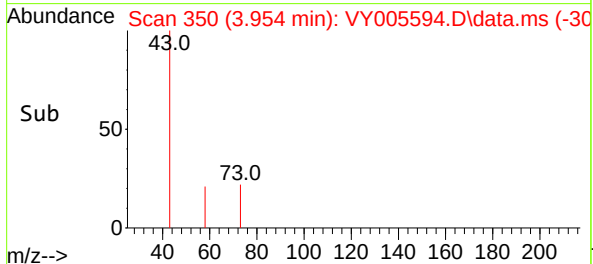
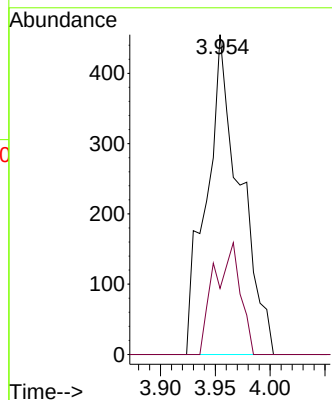
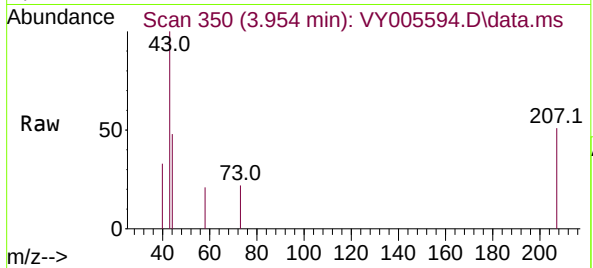




#16
Acetone
Concen: 1.82 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005594.D
Acq: 10 Aug 2021 14:40

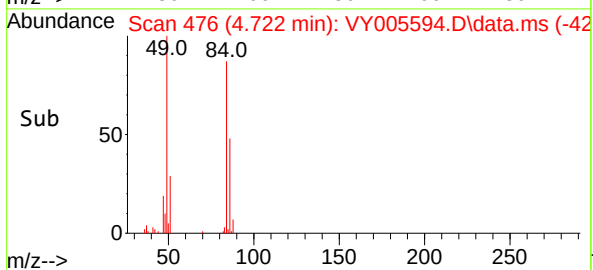
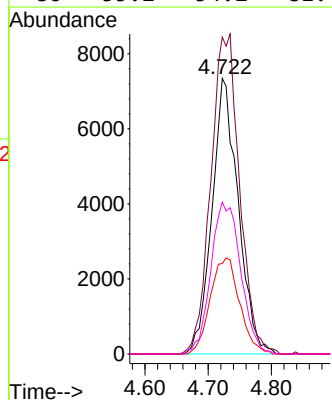
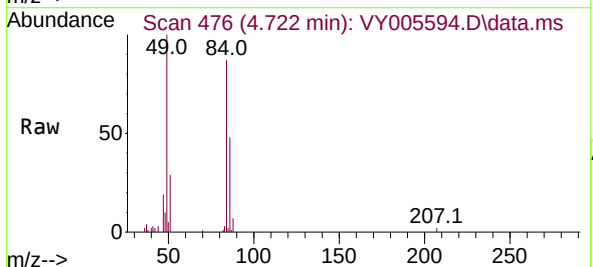
Instrument :
MSVOA_Y
ClientSampled :

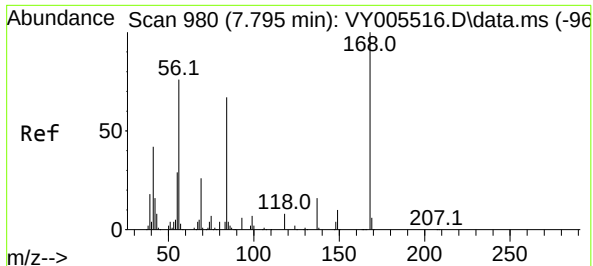
Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
58 20.7 23.8 35.6#



#20
Methylene Chloride
Concen: 4.49 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005594.D
Acq: 10 Aug 2021 14:40

Tgt Ion: 84 Resp: 21080
Ion Ratio Lower Upper
84 100
49 115.0 105.8 158.6
51 32.8 33.4 50.2#
86 55.2 54.2 81.4

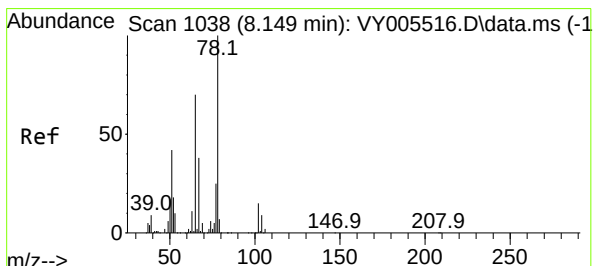
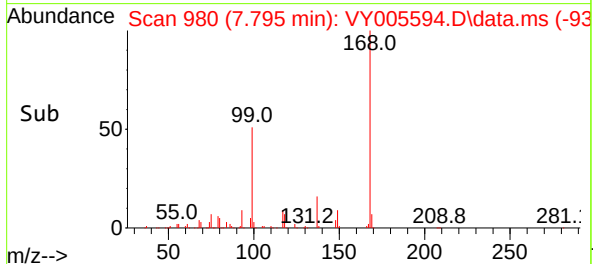
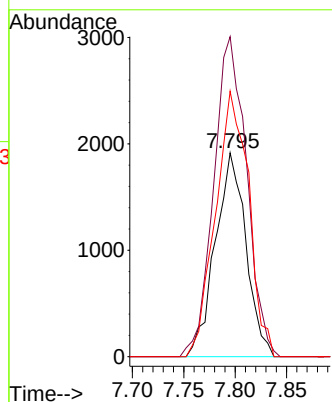
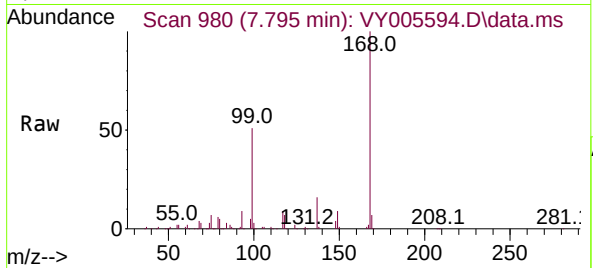




#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005594.D
Acq: 10 Aug 2021 14:40

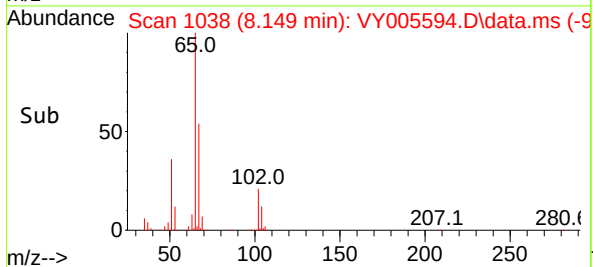
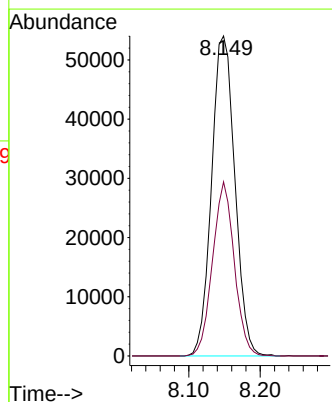
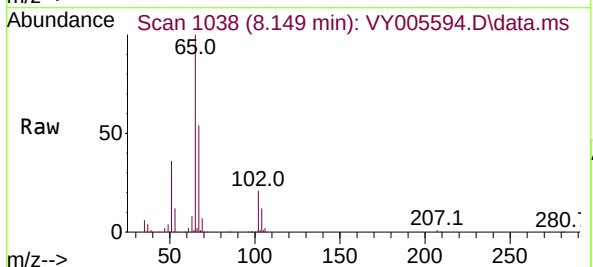
Instrument :
MSVOA_Y
ClientSampleId :

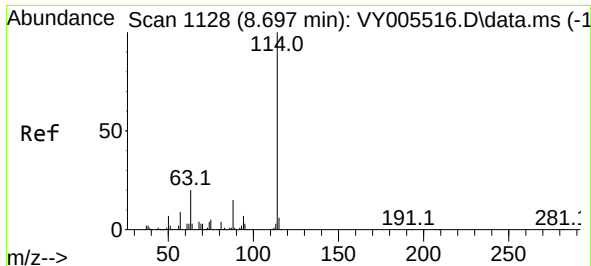
Tgt Ion: 56 Resp: 3972
Ion Ratio Lower Upper
56 100
69 157.0 27.7 41.5#
84 130.2 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 58.03 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005594.D
Acq: 10 Aug 2021 14:40

Tgt Ion: 65 Resp: 122320
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4

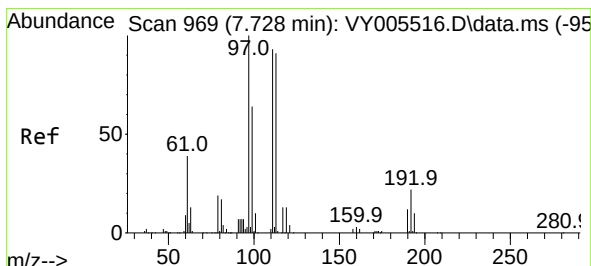
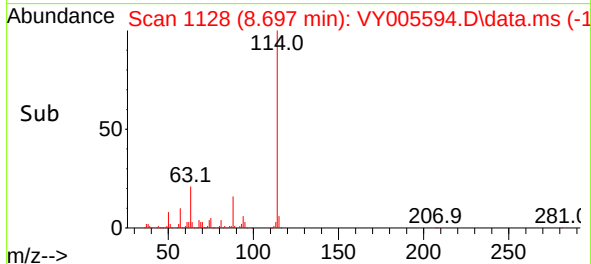
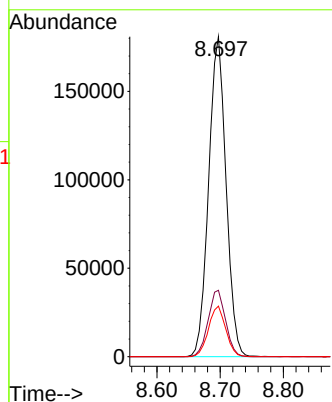
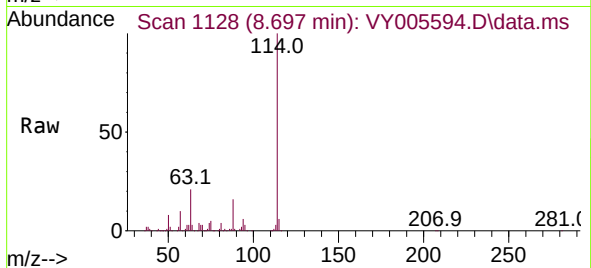




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005594.D
Acq: 10 Aug 2021 14:40

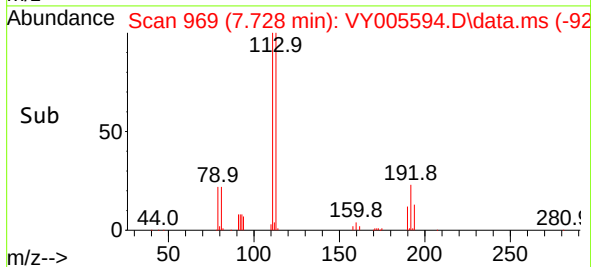
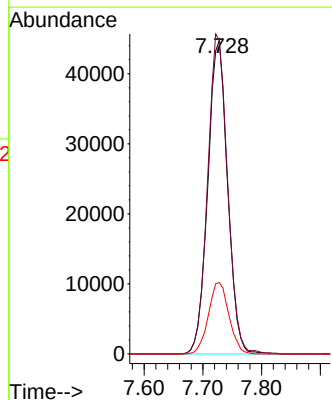
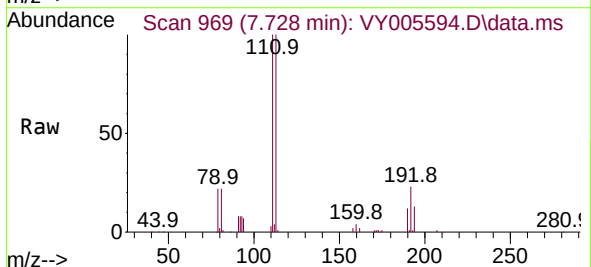
Instrument :
MSVOA_Y
ClientSampleId :

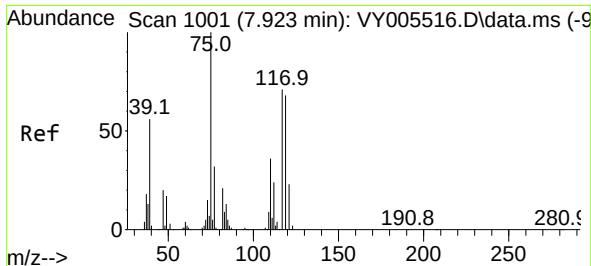
Tgt Ion:114 Resp: 345560
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.2
88 15.8 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.05 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005594.D
Acq: 10 Aug 2021 14:40

Tgt Ion:113 Resp: 104570
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 23.7 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.67 ug/l

RT: 7.795 min Scan# 980

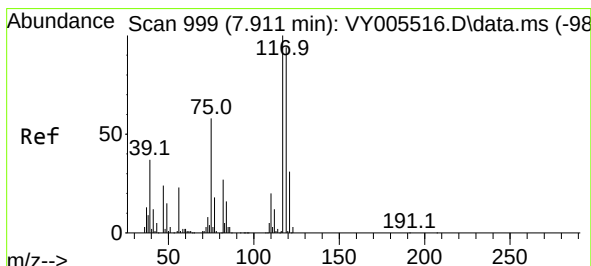
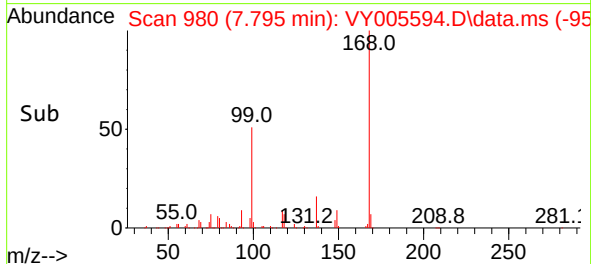
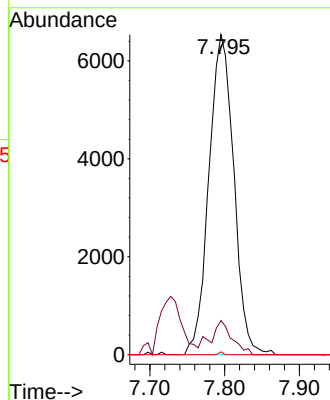
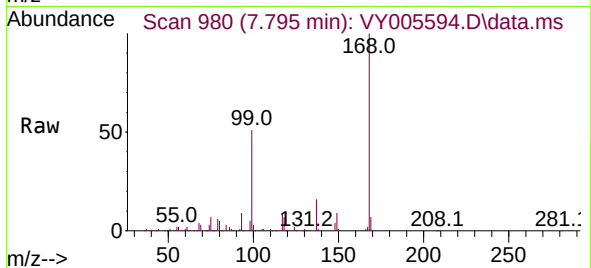
Delta R.T. -0.128 min

Lab File: VY005594.D

Acq: 10 Aug 2021 14:40

Tgt Ion:	75	Resp:	15137
Ion Ratio	Lower	Upper	
75	100		
110	9.2	18.1	54.1#
77	0.1	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.31 ug/l

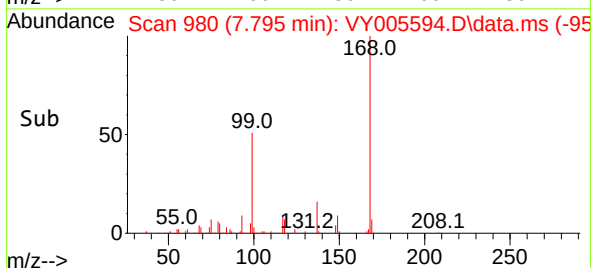
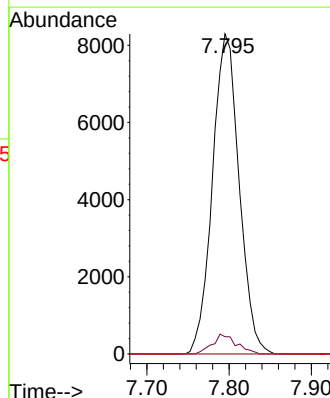
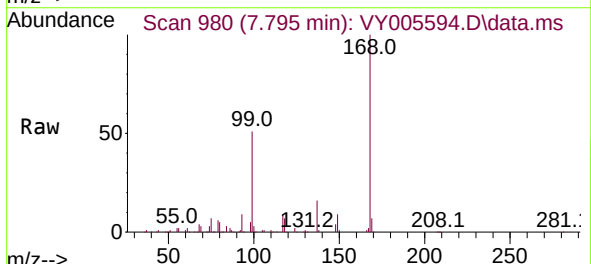
RT: 7.795 min Scan# 980

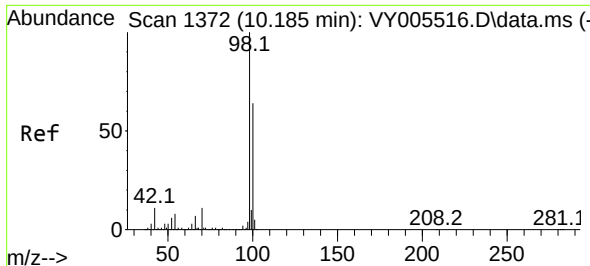
Delta R.T. -0.116 min

Lab File: VY005594.D

Acq: 10 Aug 2021 14:40

Tgt Ion:	117	Resp:	18703
Ion Ratio	Lower	Upper	
117	100		
119	5.4	75.4	113.0#
121	0.0	25.1	37.7#

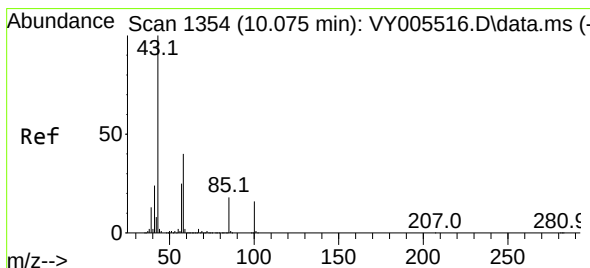
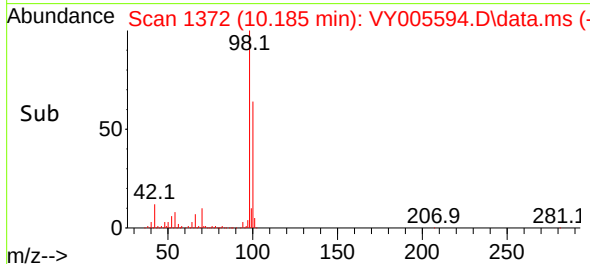
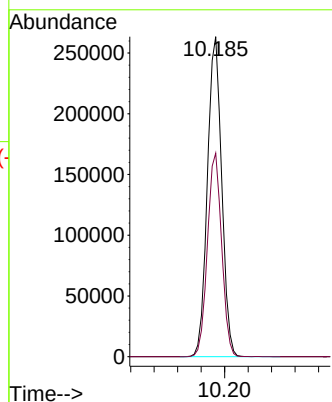
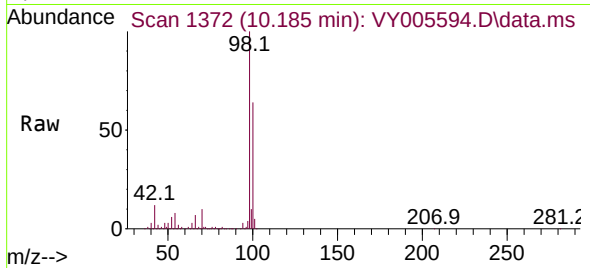




#50
Toluene-d8
Concen: 54.83 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005594.D
Acq: 10 Aug 2021 14:40

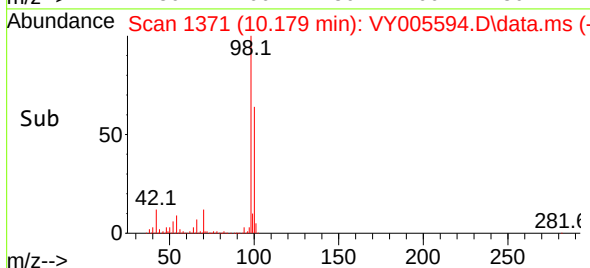
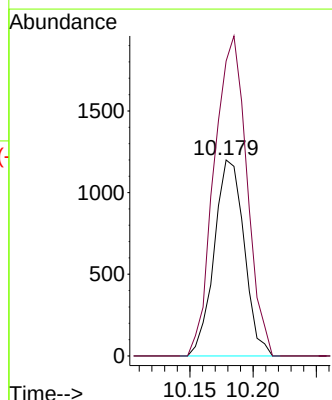
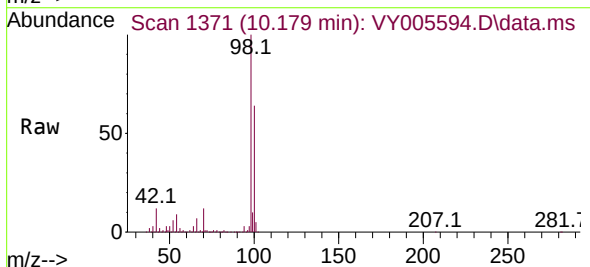
Instrument :
MSVOA_Y
ClientSampled :

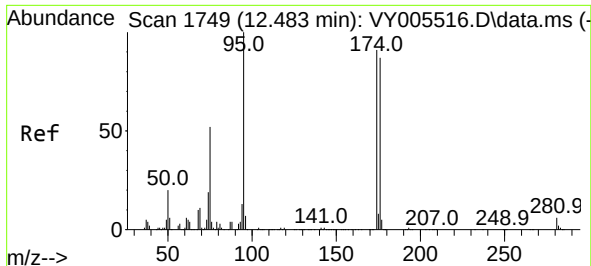
Tgt Ion: 98 Resp: 444863
Ion Ratio Lower Upper
98 100
100 63.2 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.01 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005594.D
Acq: 10 Aug 2021 14:40

Tgt Ion: 43 Resp: 1975
Ion Ratio Lower Upper
43 100
58 177.8 31.4 47.2#

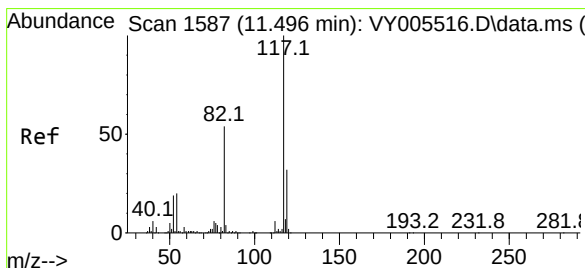
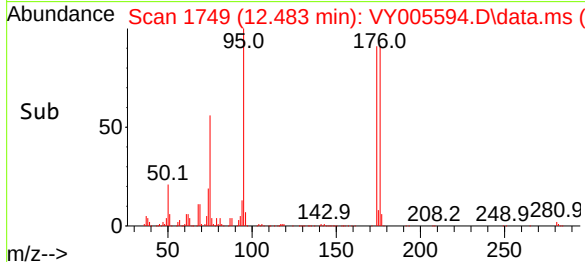
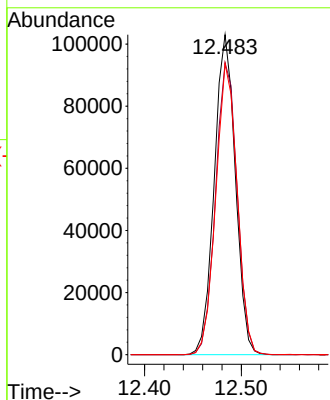
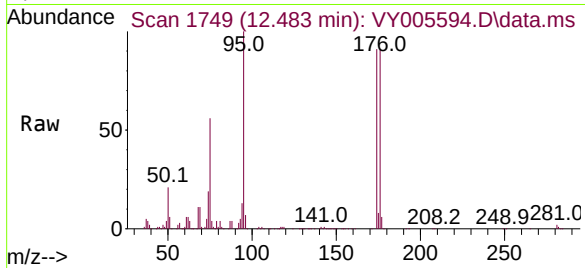




#62
4-Bromofluorobenzene
Concen: 58.12 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005594.D
Acq: 10 Aug 2021 14:40

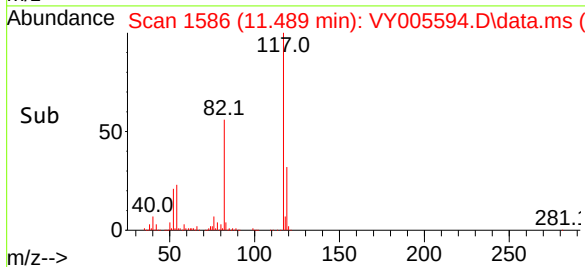
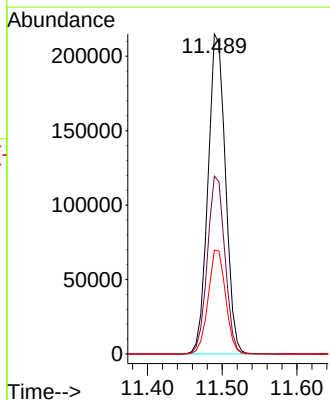
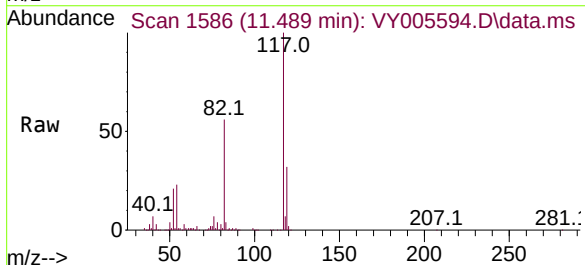
Instrument :
MSVOA_Y
ClientSampleId :

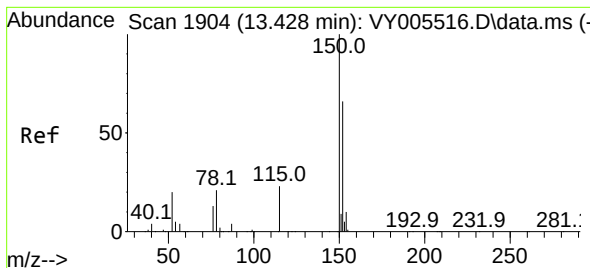
Tgt Ion: 95 Resp: 156175
Ion Ratio Lower Upper
95 100
174 93.3 0.0 191.4
176 91.6 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005594.D
Acq: 10 Aug 2021 14:40

Tgt Ion: 117 Resp: 348911
Ion Ratio Lower Upper
117 100
82 55.6 43.5 65.3
119 32.4 25.5 38.3

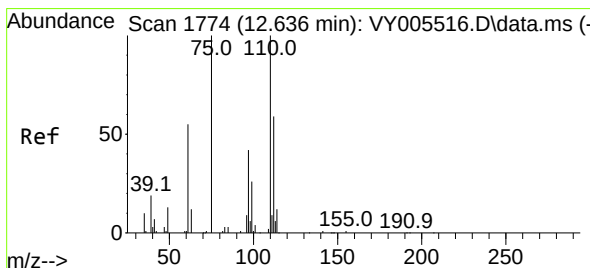
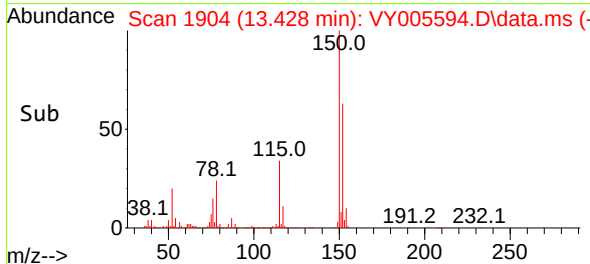
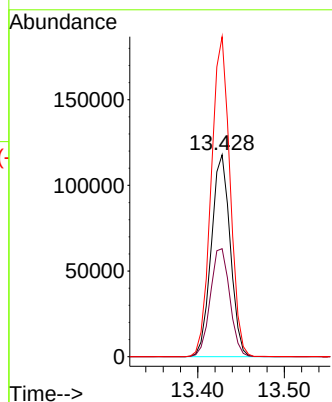
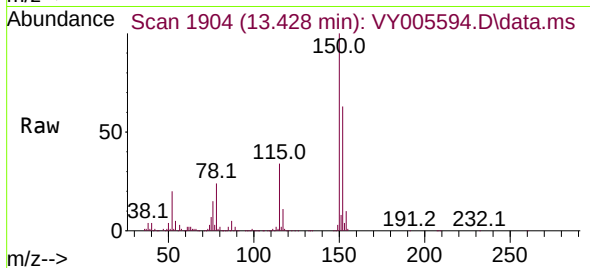




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005594.D
 Acq: 10 Aug 2021 14:40

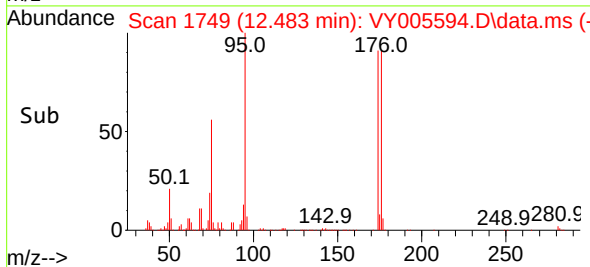
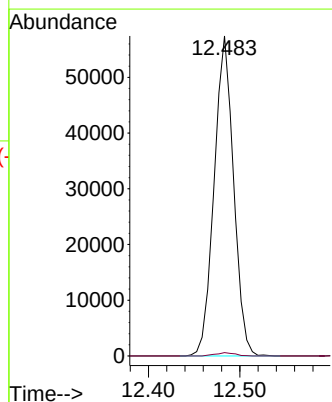
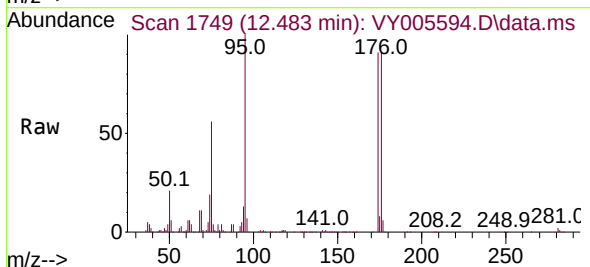
Instrument :
 MSVOA_Y
 ClientSampleId :

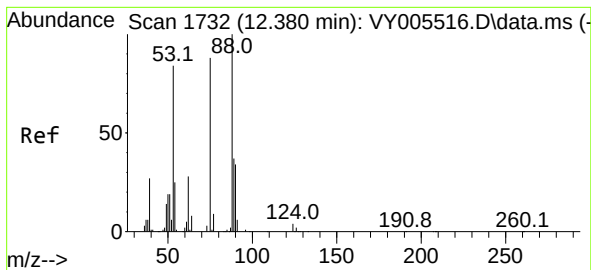
Tgt Ion:152 Resp: 178957
 Ion Ratio Lower Upper
 152 100
 115 55.0 27.3 81.9
 150 157.0 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 45.73 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005594.D
 Acq: 10 Aug 2021 14:40

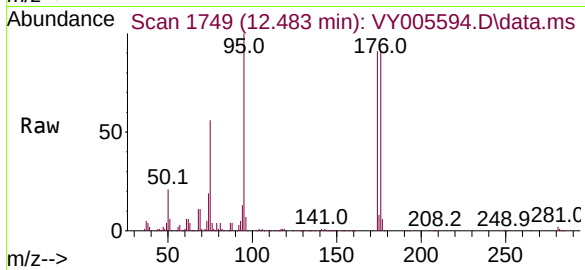
Tgt Ion: 75 Resp: 84803
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.18 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005594.D
 Acq: 10 Aug 2021 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :



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

