

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005605.D
 Acq On : 10 Aug 2021 18:55
 Operator : SY/MD
 Sample : M3331-04
 Misc : 6.63G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 03:38:58 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)

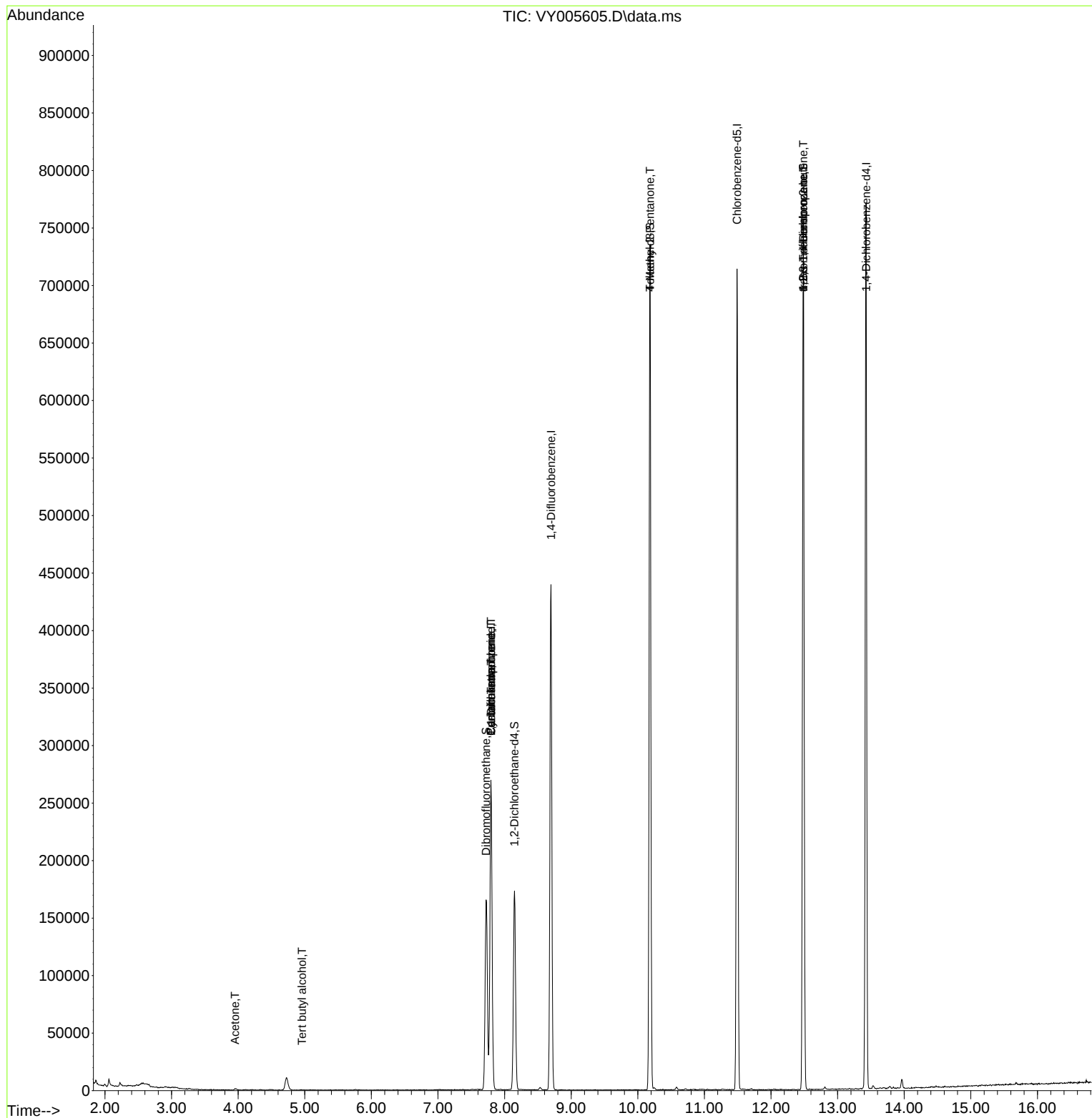
Internal Standards						
1) Pentafluorobenzene	7.795	168	215422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	368836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	382714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	198027	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	141206	64.76	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.52%
35) Dibromofluoromethane	7.722	113	114009	55.21	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.42%
50) Toluene-d8	10.185	98	479579	55.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.74%
62) 4-Bromofluorobenzene	12.483	95	171149	59.68	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.36%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	617	2.86	ug/l #	73
16) Acetone	3.954	43	1979	3.60	ug/l	99
20) Methylene Chloride	4.728	84	8025	Below Cal		87
31) Cyclohexane	7.795	56	4361	1.17	ug/l #	3
36) 1,1-Dichloropropene	7.795	75	15444	4.46	ug/l #	49
38) Carbon Tetrachloride	7.795	117	19542	5.20	ug/l #	18
51) 4-Methyl-2-Pentanone	10.185	43	2111	1.01	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	95904	46.73	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	95904	94.21	ug/l #	11

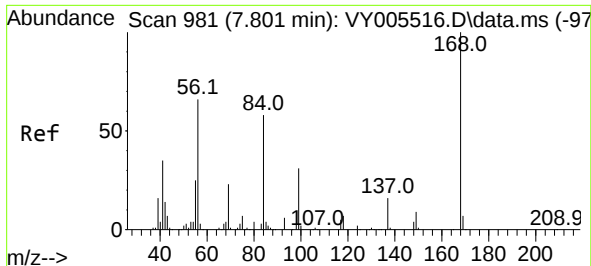
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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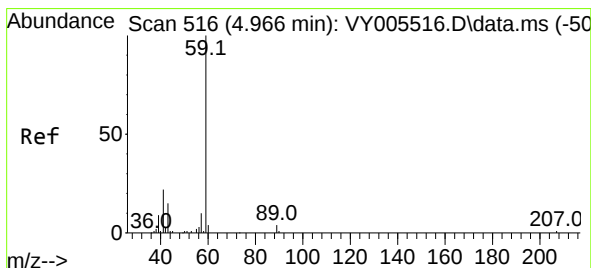
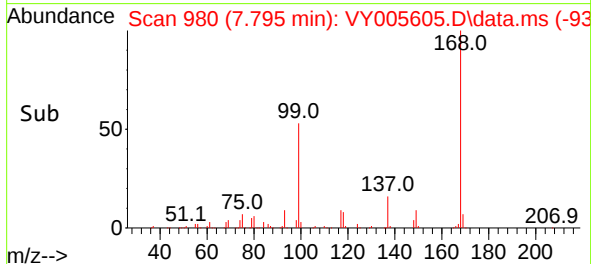
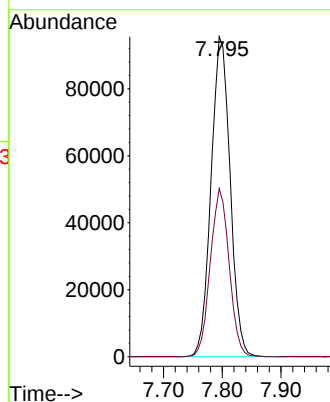
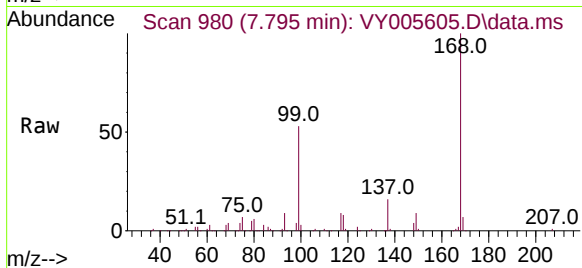




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

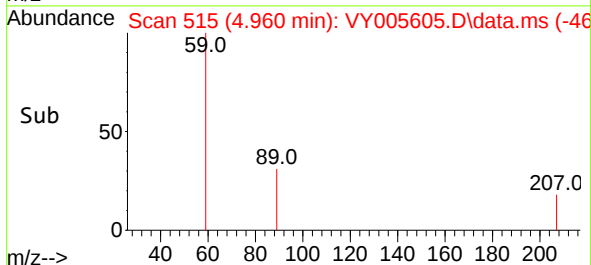
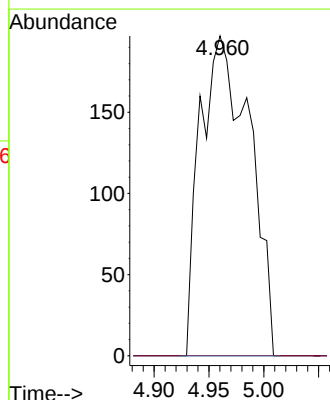
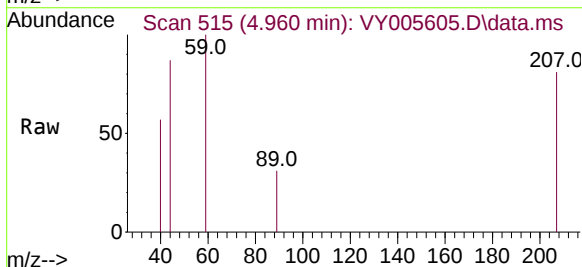
Instrument :
MSVOA_Y
ClientSampled :

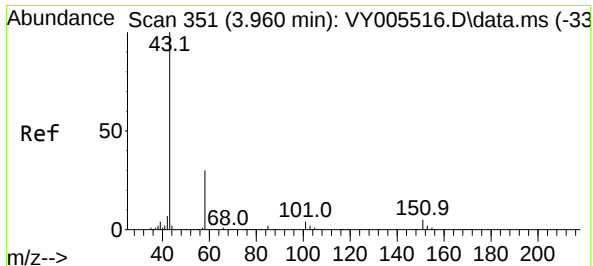
Tgt Ion:168 Resp: 215422
Ion Ratio Lower Upper
168 100
99 52.5 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.86 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

Tgt Ion: 59 Resp: 617
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

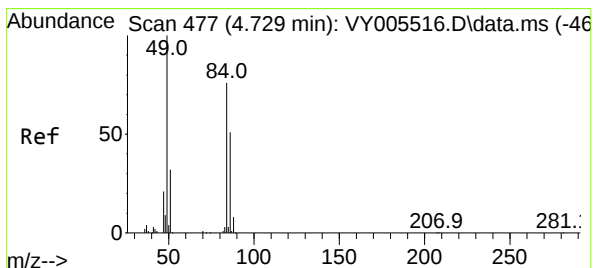
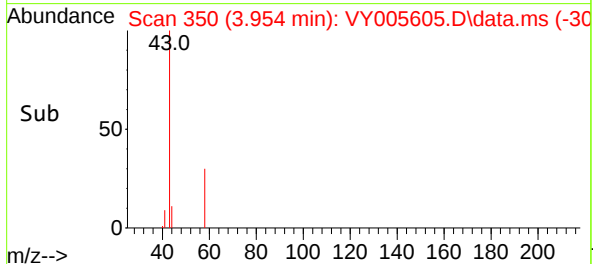
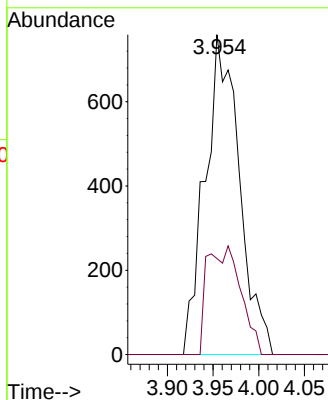
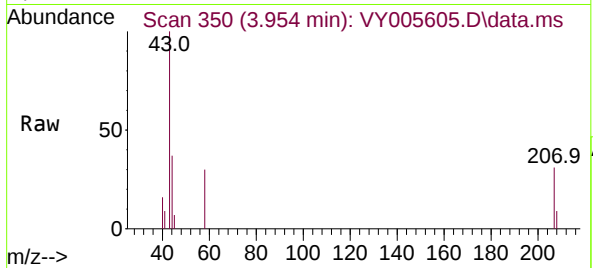




#16
Acetone
Concen: 3.60 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

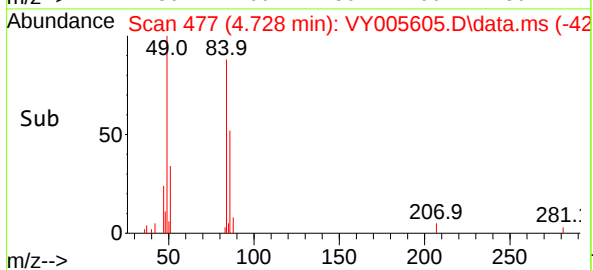
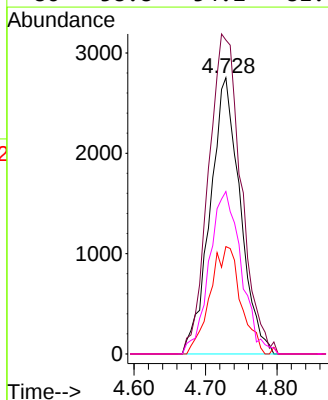
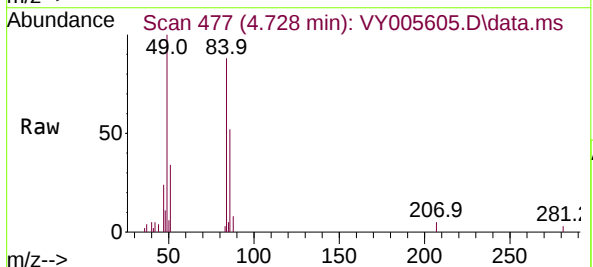
Instrument :
MSVOA_Y
ClientSampled :

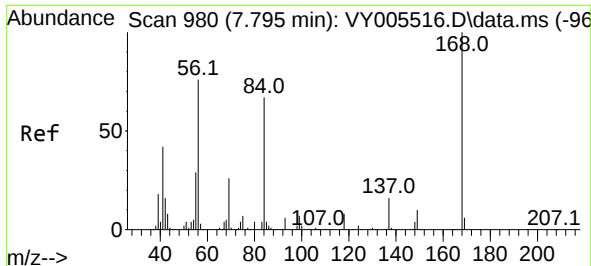
Tgt Ion: 43 Resp: 1979
Ion Ratio Lower Upper
43 100
58 30.0 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

Tgt Ion: 84 Resp: 8025
Ion Ratio Lower Upper
84 100
49 113.7 105.8 158.6
51 38.8 33.4 50.2
86 58.8 54.2 81.4

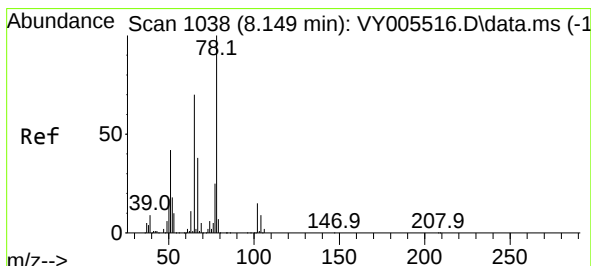
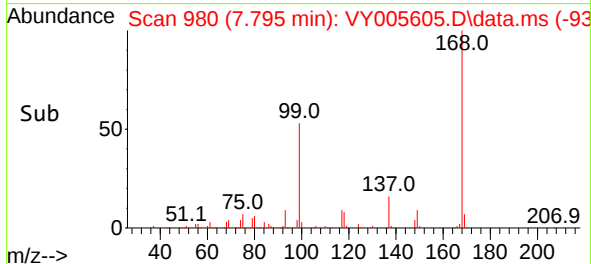
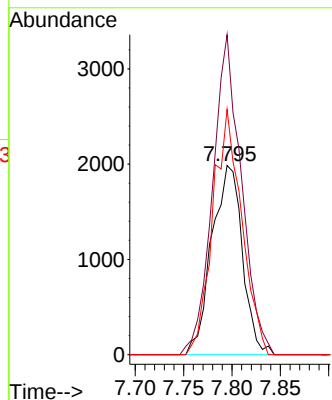
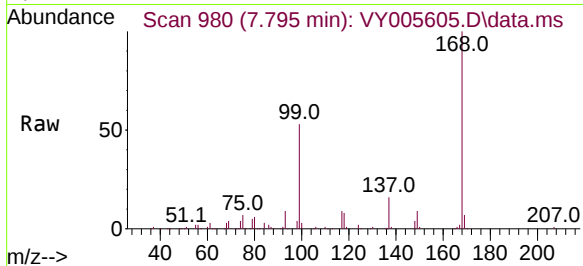




#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

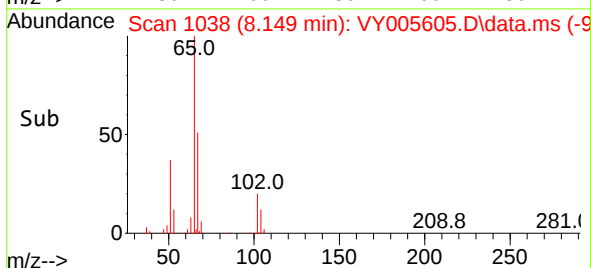
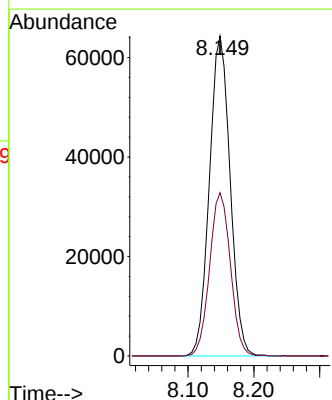
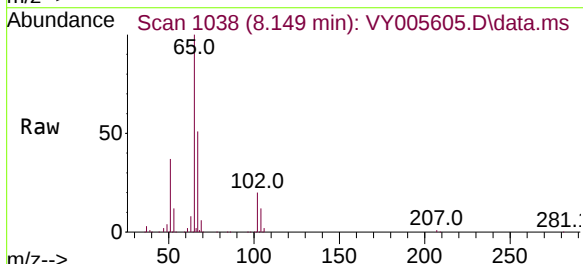
Instrument :
MSVOA_Y
ClientSampleId :

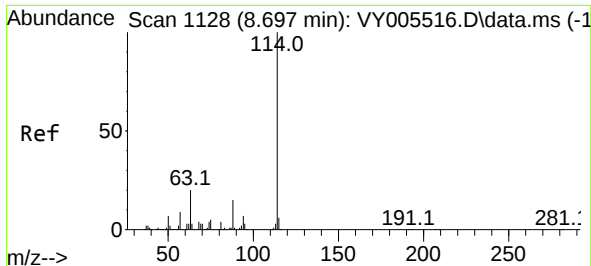
Tgt Ion: 56 Resp: 4361
Ion Ratio Lower Upper
56 100
69 169.1 27.7 41.5#
84 129.6 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 64.76 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

Tgt Ion: 65 Resp: 141206
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4

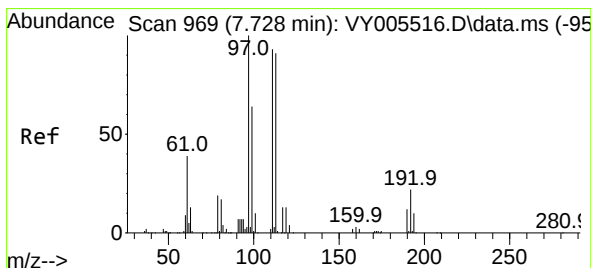
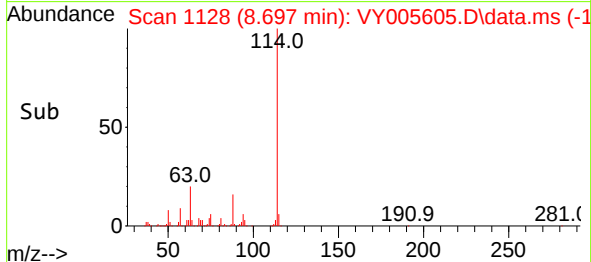
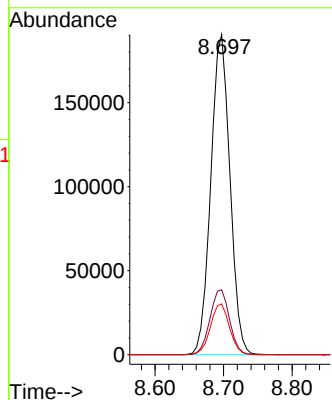
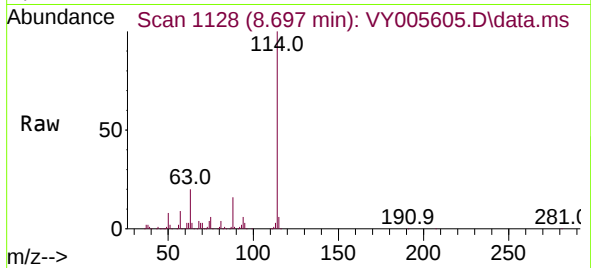




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

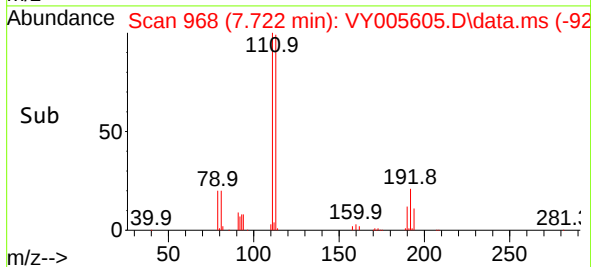
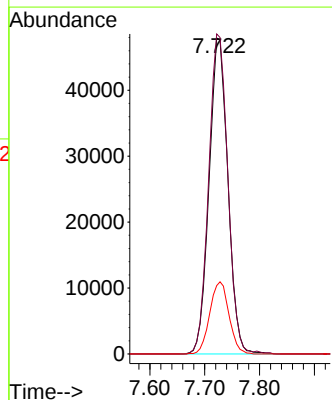
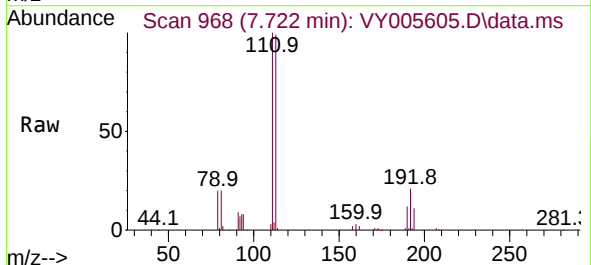
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 368836
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 15.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.21 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

Tgt Ion:113 Resp: 114009
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 23.3 19.2 28.8

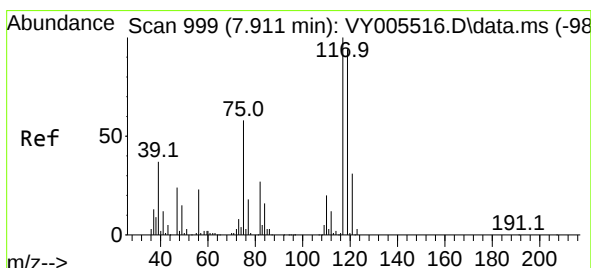
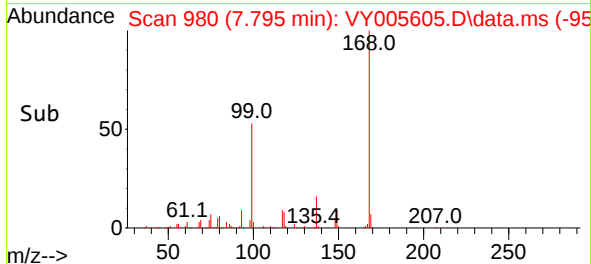
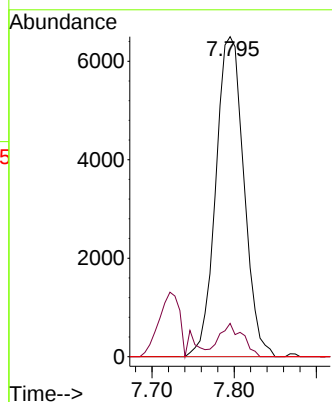
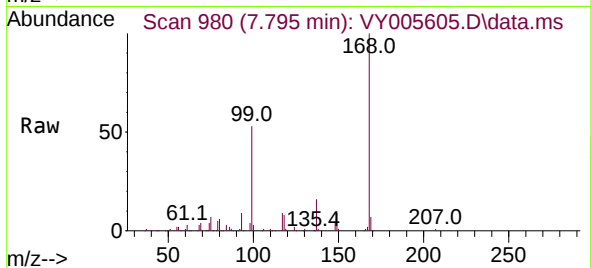




#36
1,1-Dichloropropene
Concen: 4.46 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

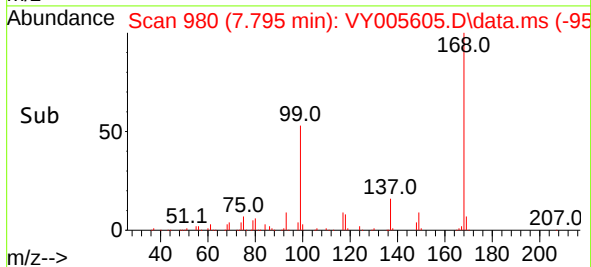
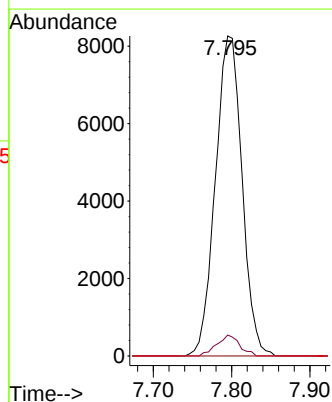
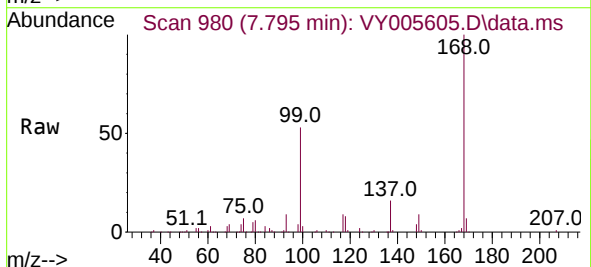
Instrument :
MSVOA_Y
ClientSampled :

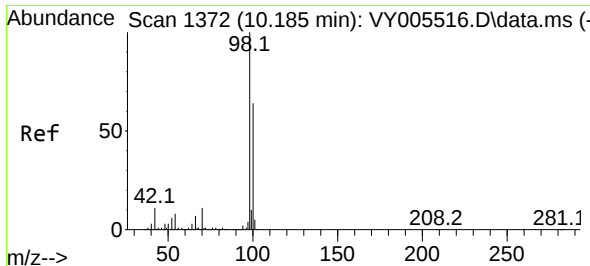
Tgt Ion: 75 Resp: 15444
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

Tgt Ion: 117 Resp: 19542
Ion Ratio Lower Upper
117 100
119 6.6 75.4 113.0#
121 0.0 25.1 37.7#

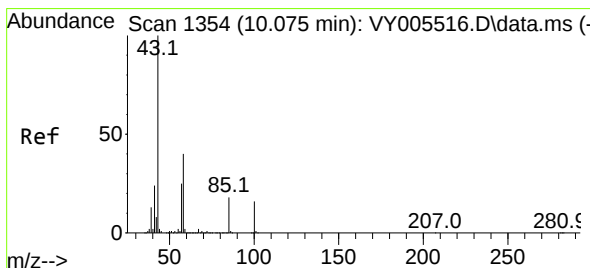
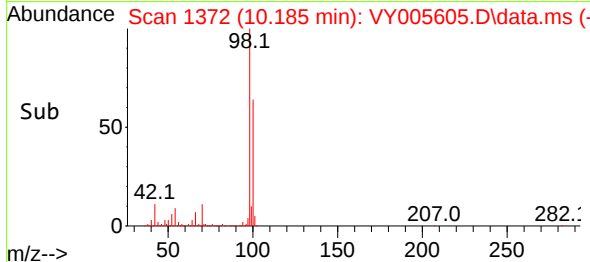
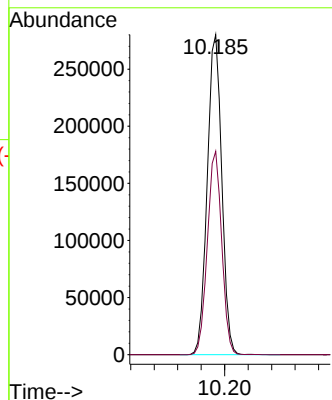
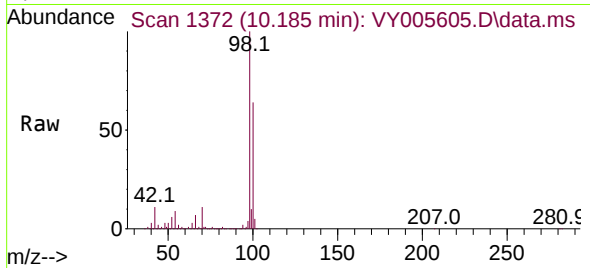




#50
Toluene-d8
Concen: 55.37 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

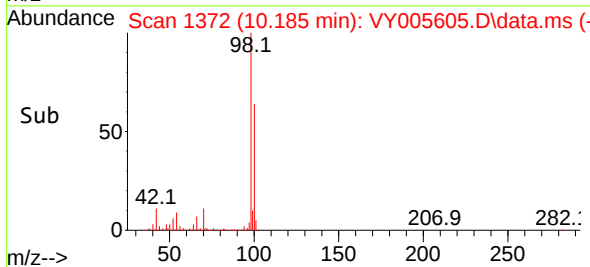
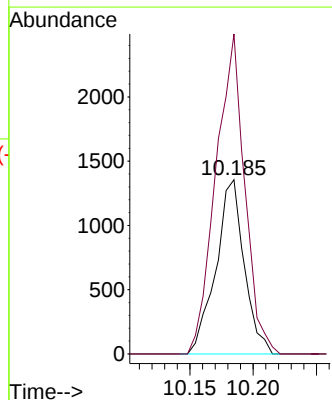
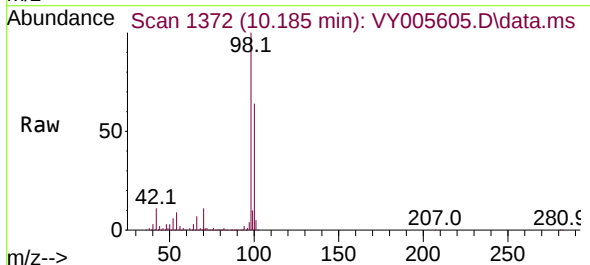
Instrument :
MSVOA_Y
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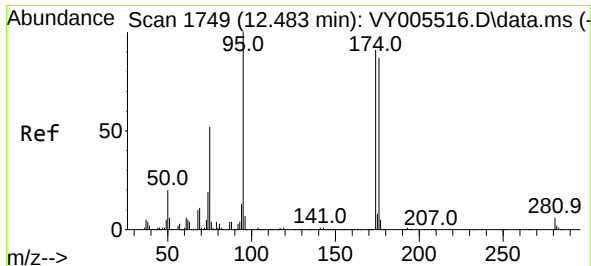
Tgt Ion: 98 Resp: 479579
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.01 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

Tgt Ion: 43 Resp: 2111
Ion Ratio Lower Upper
43 100
58 187.0 31.4 47.2#

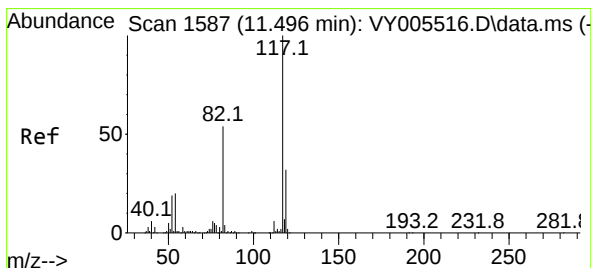
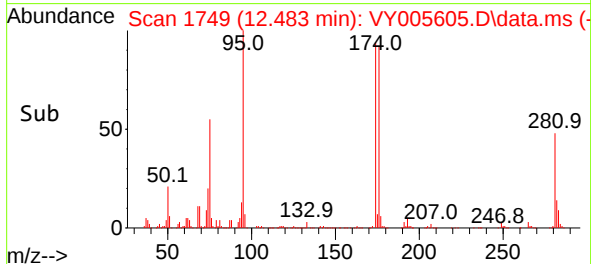
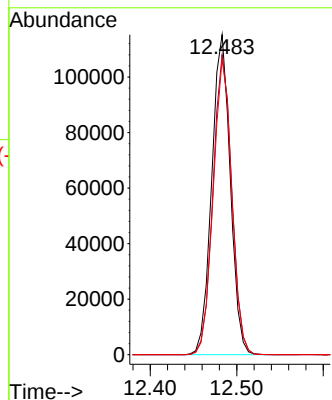
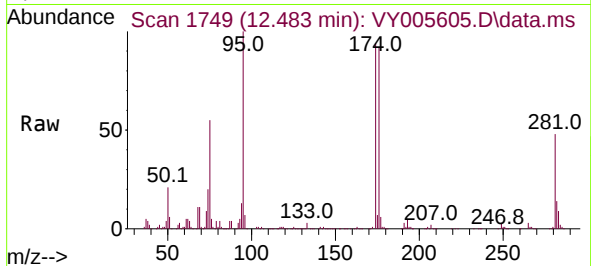




#62
4-Bromofluorobenzene
Concen: 59.68 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

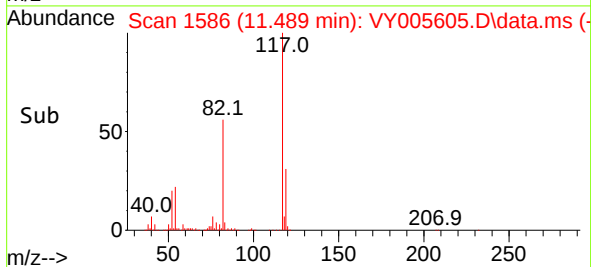
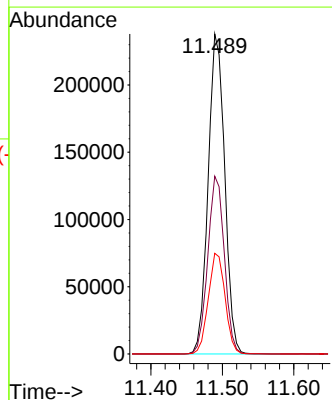
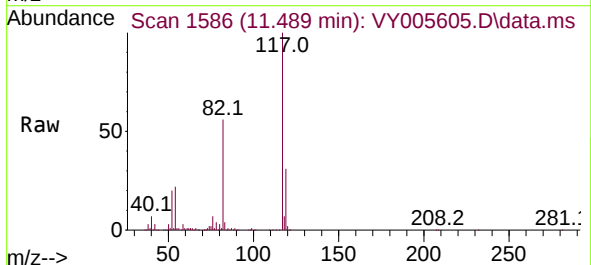
Instrument :
MSVOA_Y
ClientSampleId :

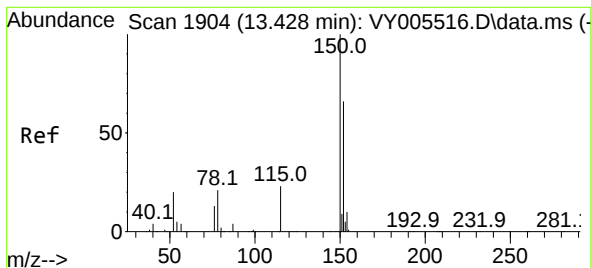
Tgt Ion: 95 Resp: 171149
Ion Ratio Lower Upper
95 100
174 94.8 0.0 191.4
176 92.6 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

Tgt Ion: 117 Resp: 382714
Ion Ratio Lower Upper
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82 55.5 43.5 65.3
119 31.5 25.5 38.3

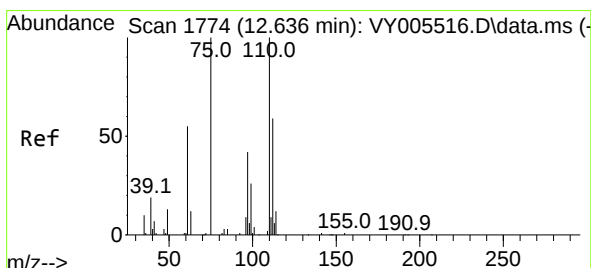
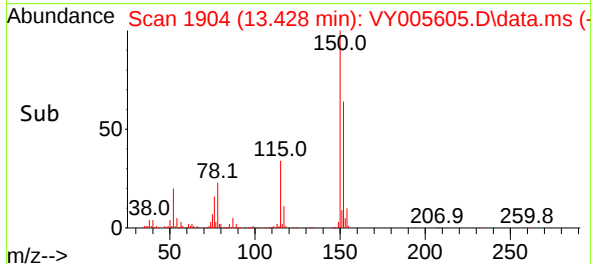
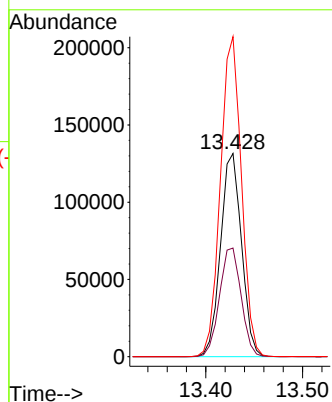
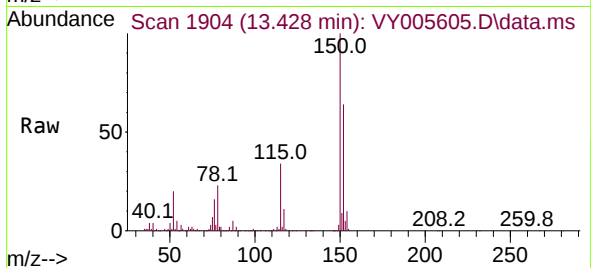




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005605.D
 Acq: 10 Aug 2021 18:55

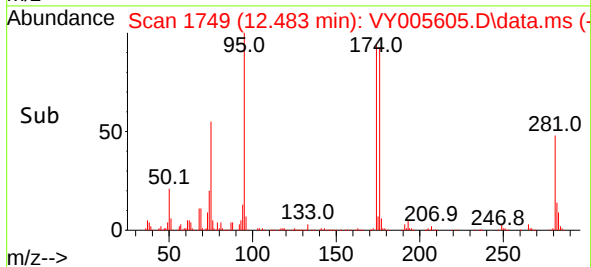
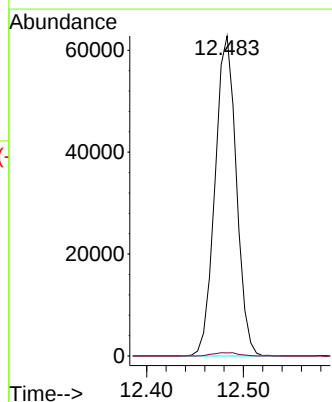
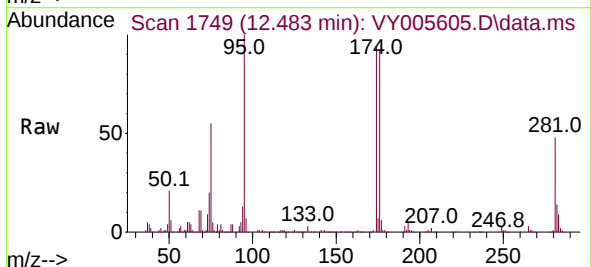
Instrument :
 MSVOA_Y
 ClientSampled :

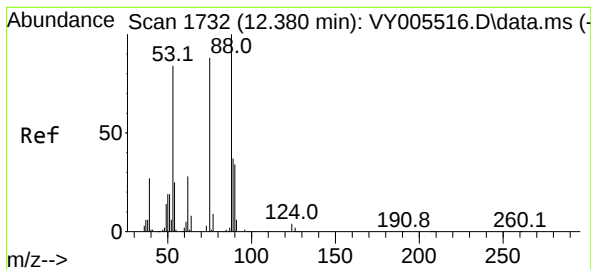
Tgt Ion:152 Resp: 198027
 Ion Ratio Lower Upper
 152 100
 115 55.1 27.3 81.9
 150 157.6 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.73 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005605.D
 Acq: 10 Aug 2021 18:55

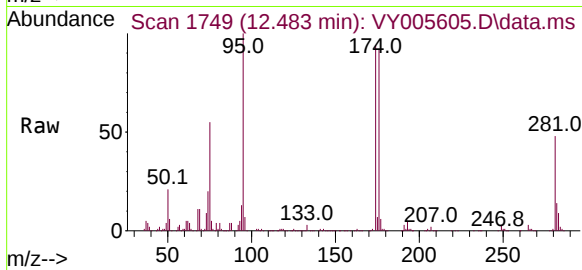
Tgt Ion: 75 Resp: 95904
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.21 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005605.D
 Acq: 10 Aug 2021 18:55

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.3	38.4	57.6#

