

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005695.D
 Acq On : 17 Aug 2021 02:21
 Operator : SY/MD
 Sample : M3425-01
 Misc : 8.79G/5ML/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20S

Quant Time: Aug 17 05:24:03 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)

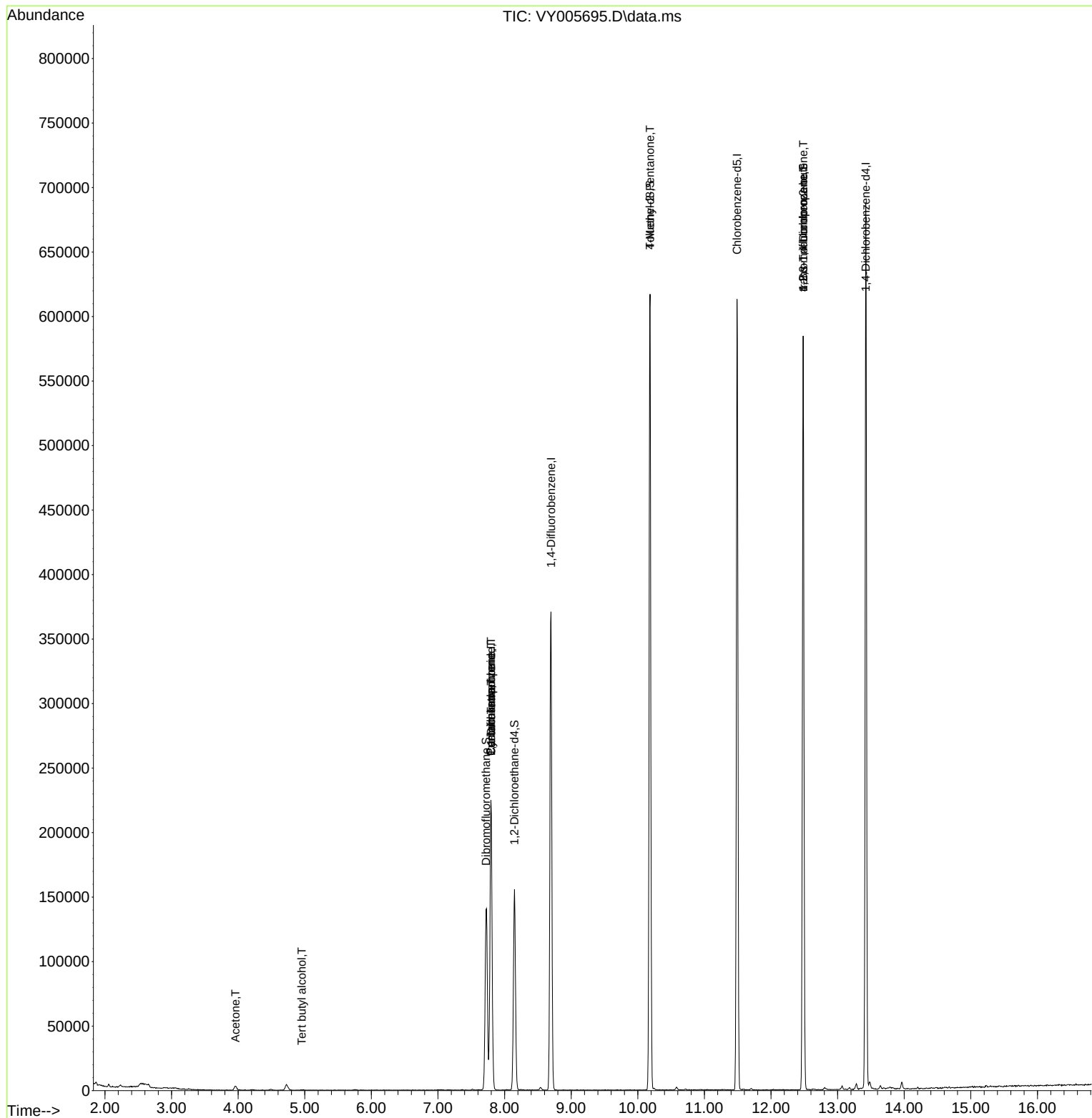
Internal Standards						
1) Pentafluorobenzene	7.795	168	179137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	310998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	324491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124898	68.878	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.760%	
35) Dibromofluoromethane	7.722	113	95753	54.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.980%	
50) Toluene-d8	10.185	98	402536	55.123	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.240%	
62) 4-Bromofluorobenzene	12.483	95	146144	60.435	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	658	3.671	ug/l #	73
16) Acetone	3.960	43	5683	12.431	ug/l	96
20) Methylene Chloride	4.735	84	3126	Below Cal		86
31) Cyclohexane	7.795	56	3745	1.204	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12937	4.435	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16706	5.270	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	2001	1.136	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	81545	46.294	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81545	93.322	ug/l #	11

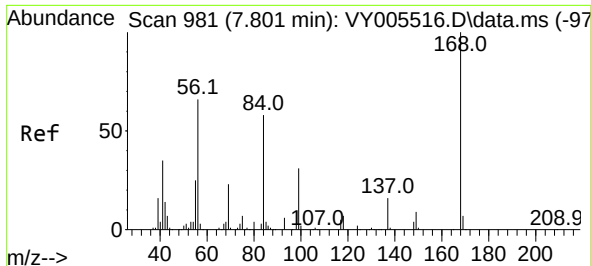
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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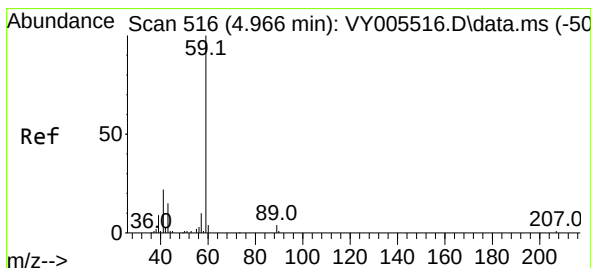
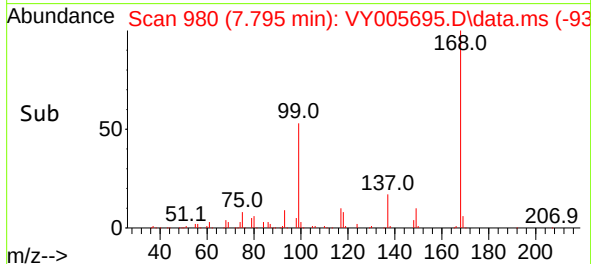
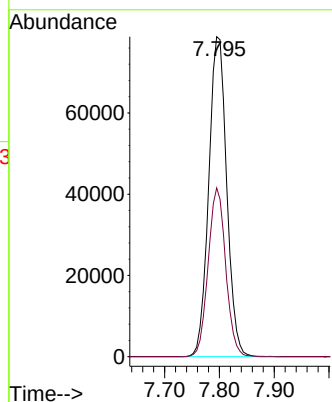
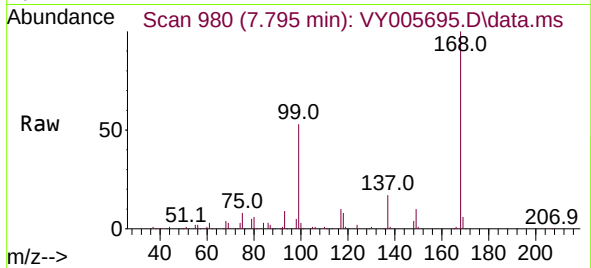




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005695.D
Acq: 17 Aug 2021 02:21

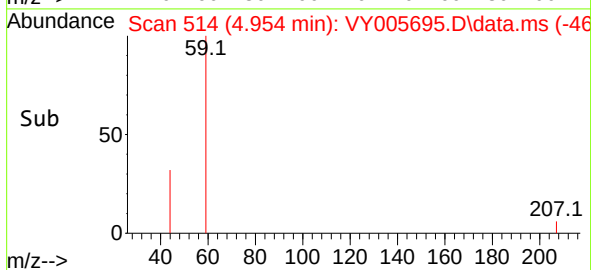
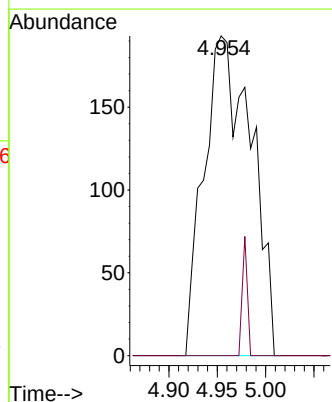
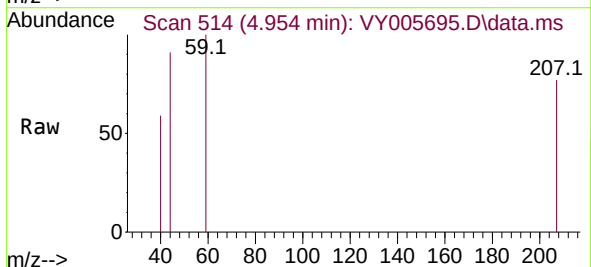
Instrument :
MSVOA_Y
ClientSampleId :
20S

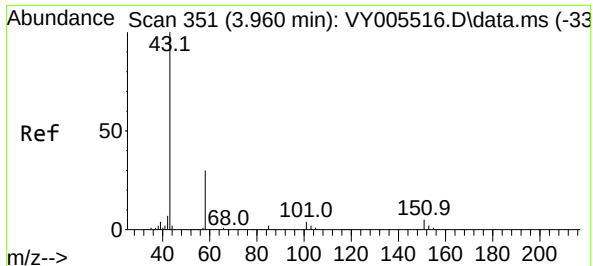
Tgt Ion:168 Resp: 179137
Ion Ratio Lower Upper
168 100
99 52.8 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.671 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY005695.D
Acq: 17 Aug 2021 02:21

Tgt Ion: 59 Resp: 658
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

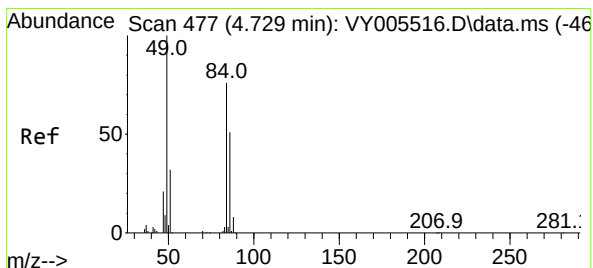
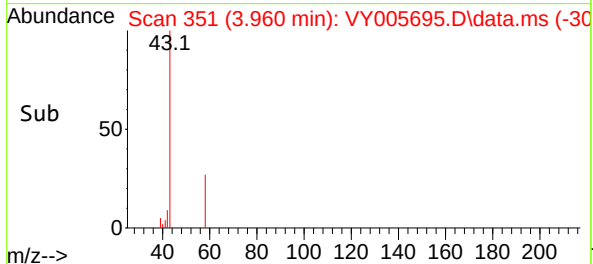
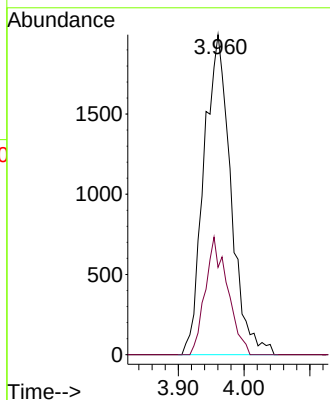
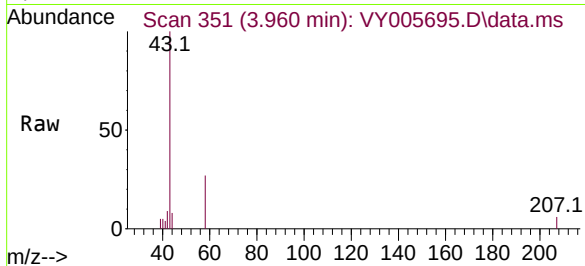




#16
Acetone
Concen: 12.431 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005695.D
Acq: 17 Aug 2021 02:21

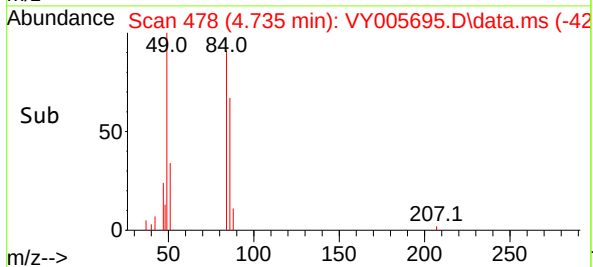
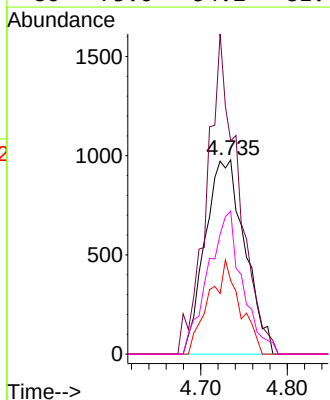
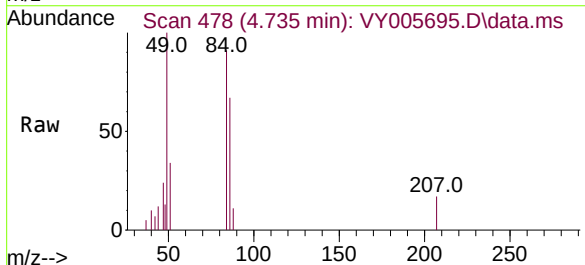
Instrument :
MSVOA_Y
ClientSampled :
20S

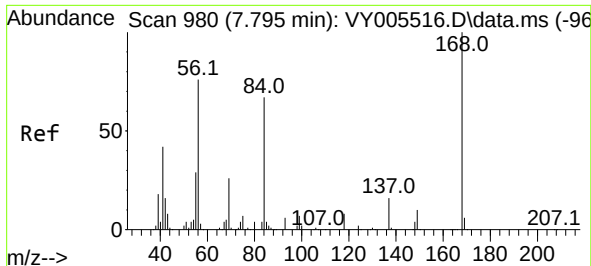
Tgt Ion: 43 Resp: 5683
Ion Ratio Lower Upper
43 100
58 27.3 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005695.D
Acq: 17 Aug 2021 02:21

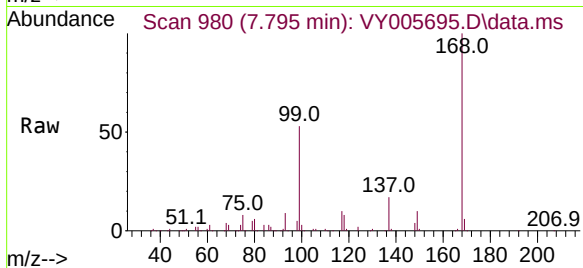
Tgt Ion: 84 Resp: 3126
Ion Ratio Lower Upper
84 100
49 109.8 105.8 158.6
51 37.7 33.4 50.2
86 73.6 54.2 81.4



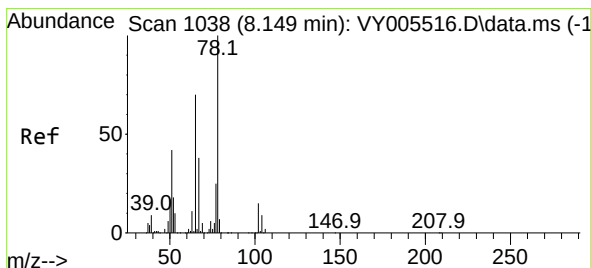
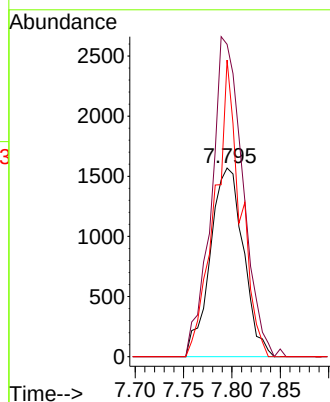
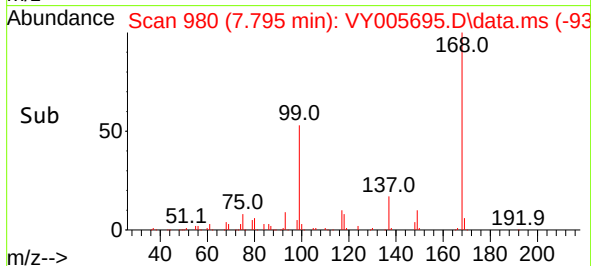


#31
Cyclohexane
Concen: 1.204 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005695.D
Acq: 17 Aug 2021 02:21

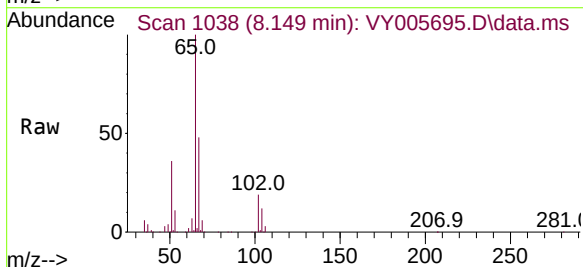
Instrument :
MSVOA_Y
ClientSampled :
20S



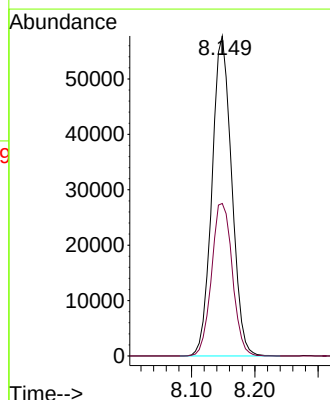
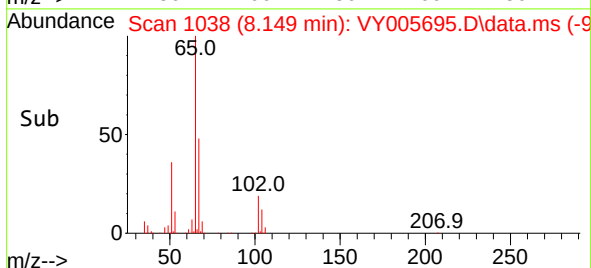
Tgt Ion: 56 Resp: 3745
Ion Ratio Lower Upper
56 100
69 165.6 27.7 41.5#
84 157.3 70.9 106.3#

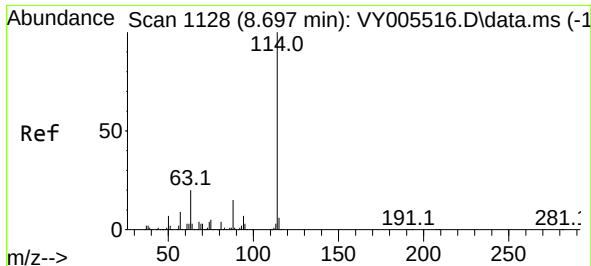


#33
1,2-Dichloroethane-d4
Concen: 68.878 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005695.D
Acq: 17 Aug 2021 02:21



Tgt Ion: 65 Resp: 124898
Ion Ratio Lower Upper
65 100
67 50.2 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: VY005695.D

Acq: 17 Aug 2021 02:21

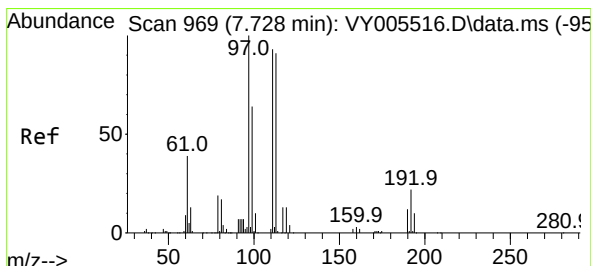
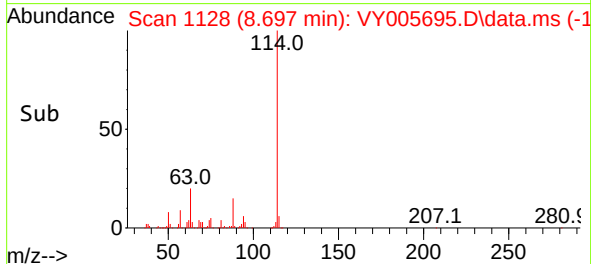
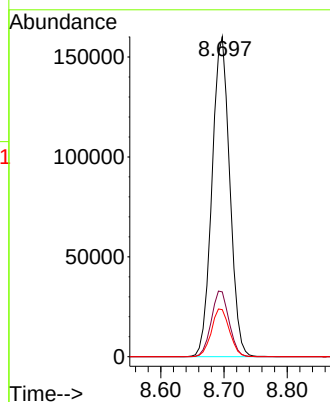
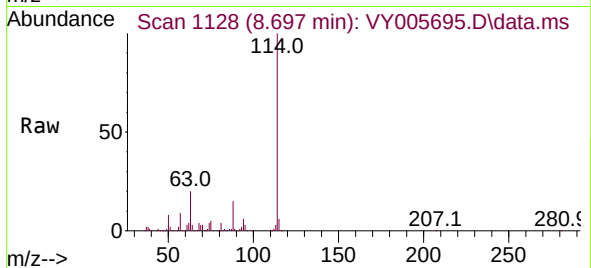
Instrument :

MSVOA_Y

ClientSampleId :

20S

Tgt Ion:	114	Resp:	310998
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.2
88	14.7	0.0	30.8



#35

Dibromofluoromethane

Concen: 54.992 ug/l

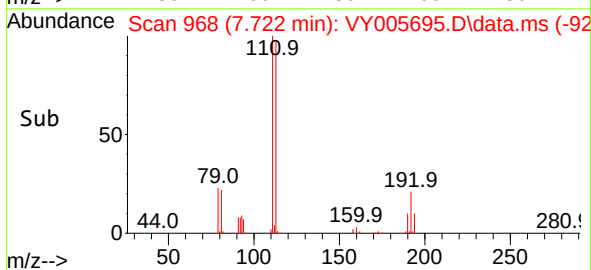
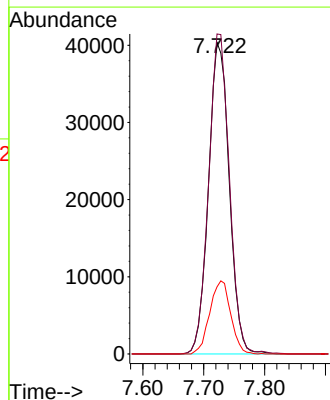
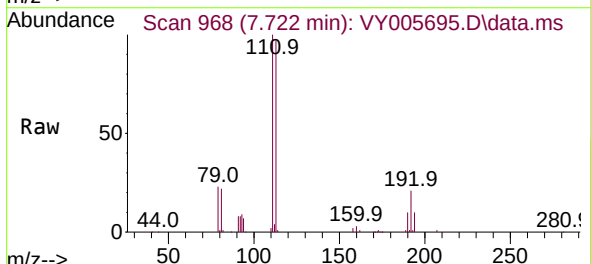
RT: 7.722 min Scan# 968

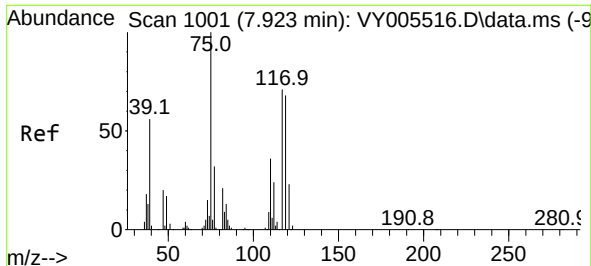
Delta R.T. -0.006 min

Lab File: VY005695.D

Acq: 17 Aug 2021 02:21

Tgt Ion:	113	Resp:	95753
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	23.7	19.2	28.8





#36

1,1-Dichloropropene

Concen: 4.435 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005695.D

Acq: 17 Aug 2021 02:21

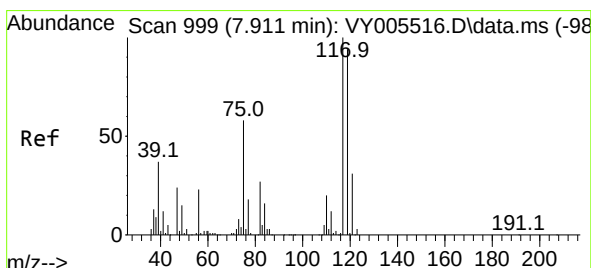
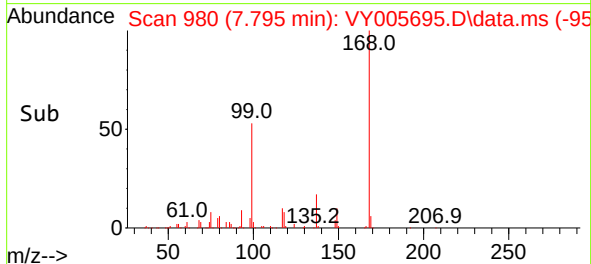
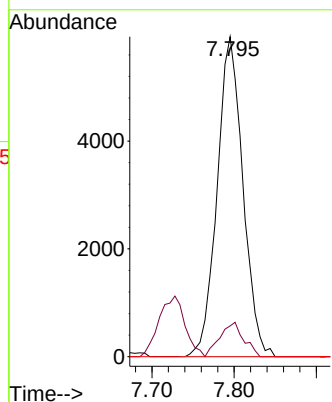
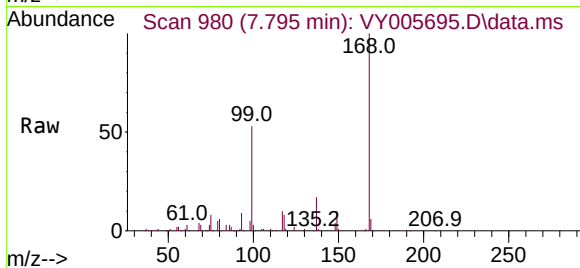
Instrument :

MSVOA_Y

ClientSampled :

20S

Tgt Ion:	75	Resp:	12937
Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.270 ug/l

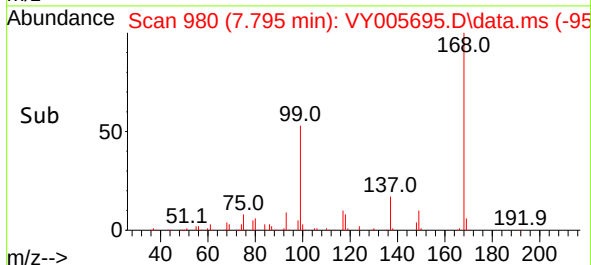
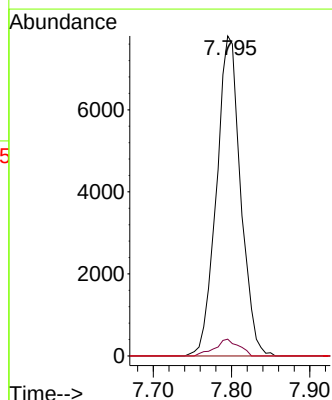
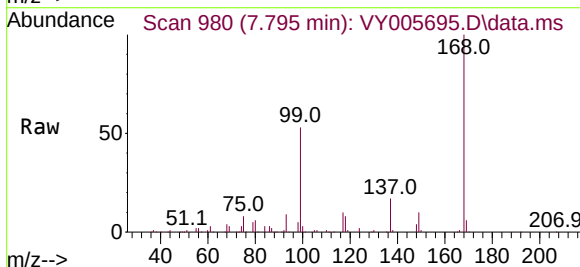
RT: 7.795 min Scan# 980

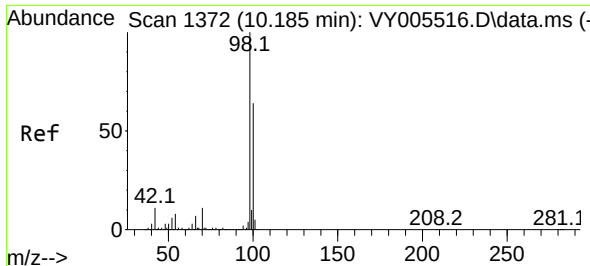
Delta R.T. -0.116 min

Lab File: VY005695.D

Acq: 17 Aug 2021 02:21

Tgt Ion:	117	Resp:	16706
Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.4	113.0#
121	0.0	25.1	37.7#

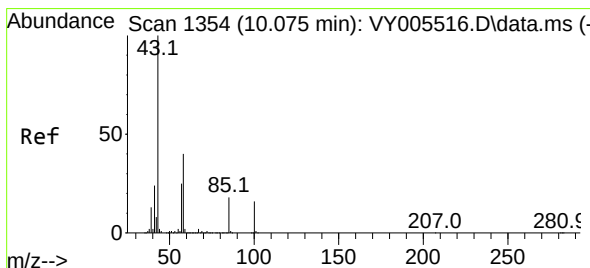
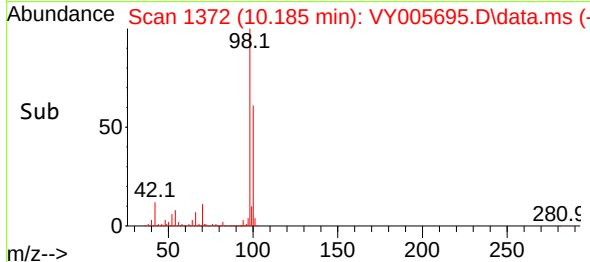
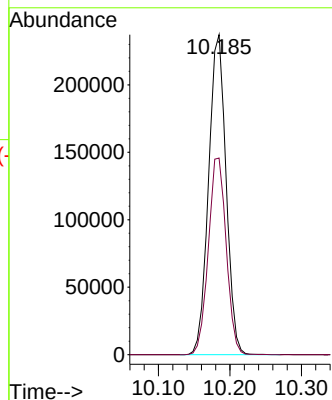
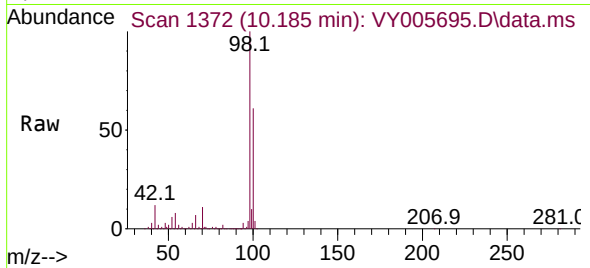




#50
Toluene-d8
Concen: 55.123 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005695.D
Acq: 17 Aug 2021 02:21

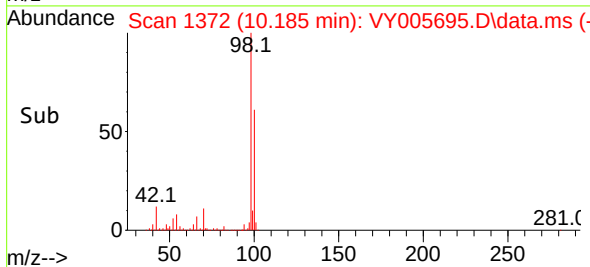
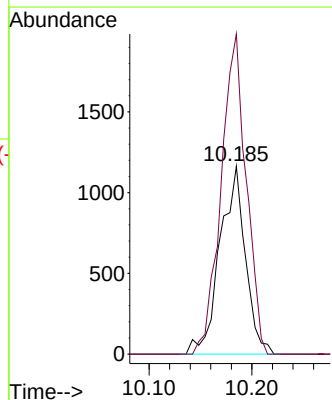
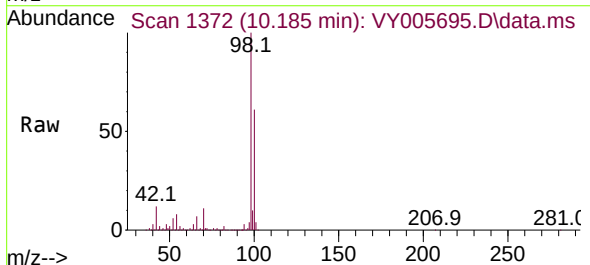
Instrument :
MSVOA_Y
ClientSampled :
20S

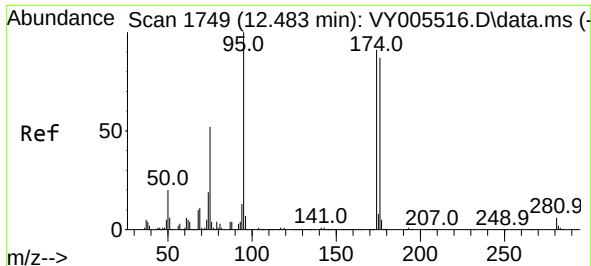
Tgt Ion: 98 Resp: 402536
Ion Ratio Lower Upper
98 100
100 62.9 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.136 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005695.D
Acq: 17 Aug 2021 02:21

Tgt Ion: 43 Resp: 2001
Ion Ratio Lower Upper
43 100
58 168.2 31.4 47.2#

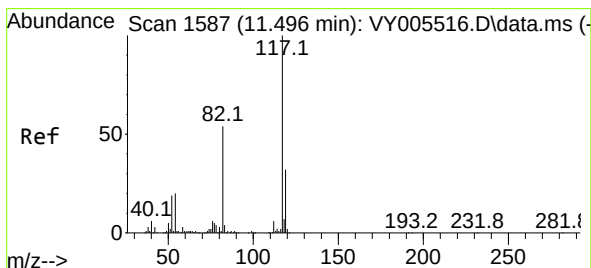
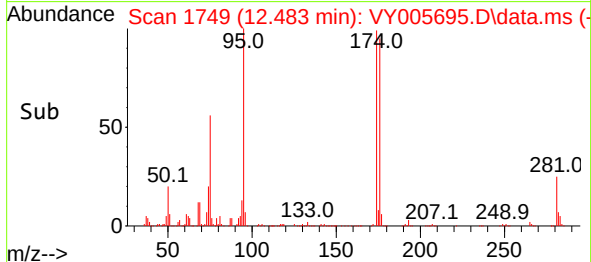
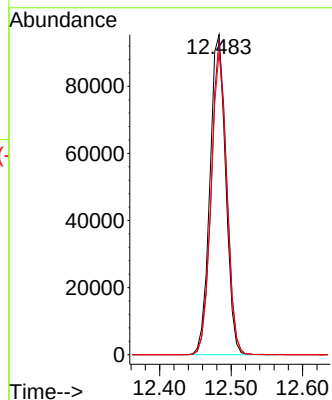
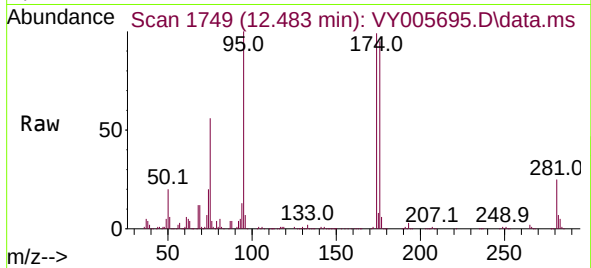




#62
4-Bromofluorobenzene
Concen: 60.435 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005695.D
Acq: 17 Aug 2021 02:21

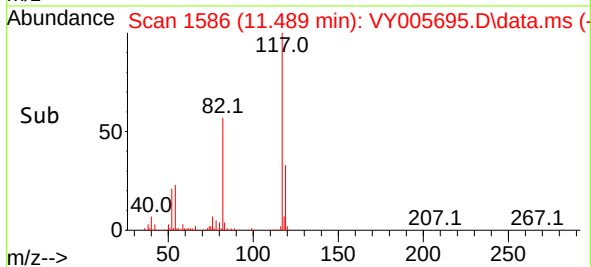
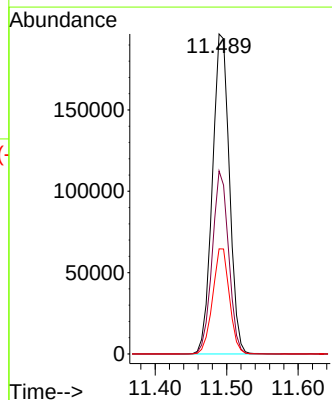
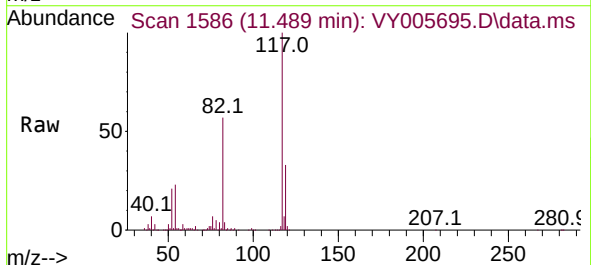
Instrument :
MSVOA_Y
ClientSampleId :
20S

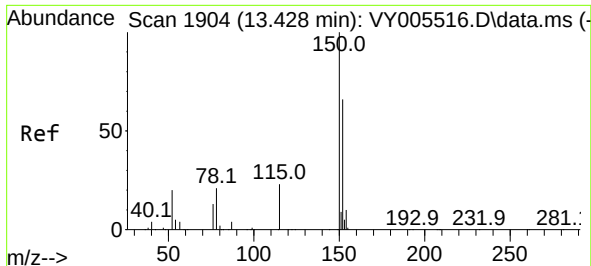
Tgt Ion:	95	Resp:	146144
Ion Ratio	Lower	Upper	
95	100		
174	96.2	0.0	191.4
176	93.4	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005695.D
Acq: 17 Aug 2021 02:21

Tgt Ion:	117	Resp:	324491
Ion Ratio	Lower	Upper	
117	100		
82	57.2	43.5	65.3
119	32.8	25.5	38.3

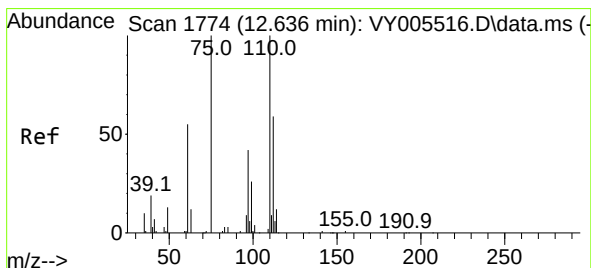
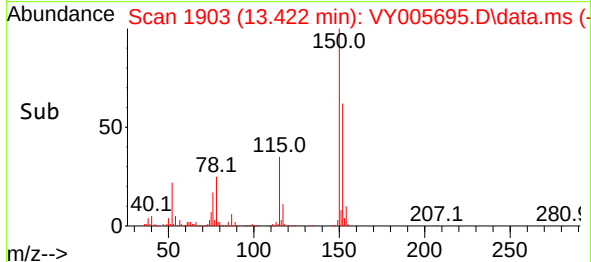
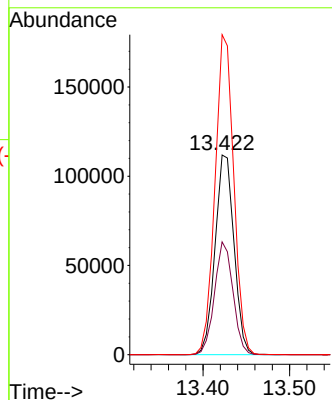
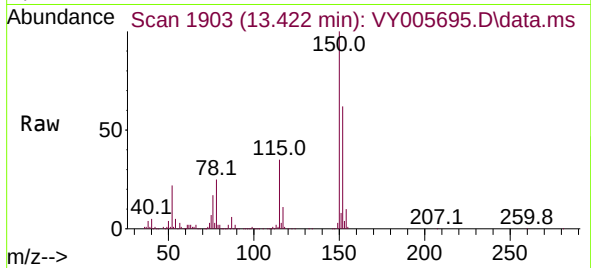




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY005695.D
 Acq: 17 Aug 2021 02:21

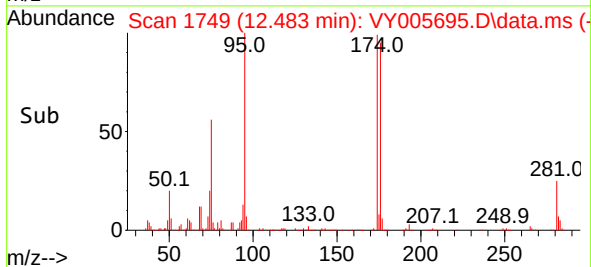
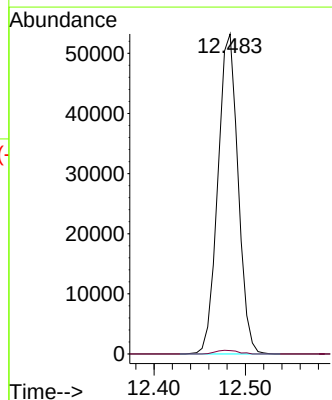
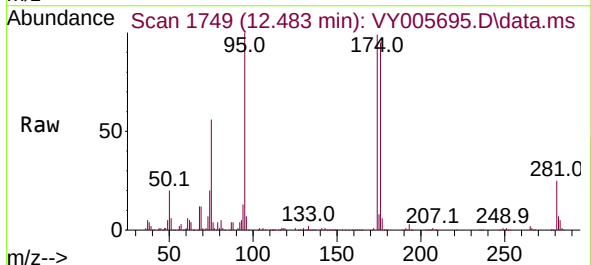
Instrument :
 MSVOA_Y
 ClientSampled :
 20S

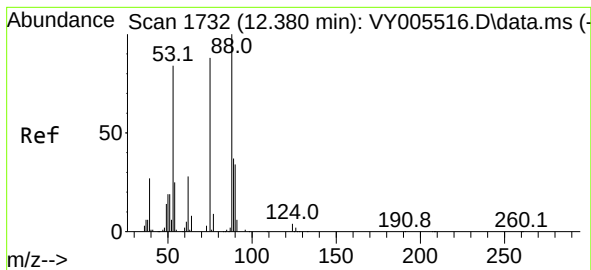
Tgt Ion:152 Resp: 169979
 Ion Ratio Lower Upper
 152 100
 115 55.0 27.3 81.9
 150 158.3 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.294 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005695.D
 Acq: 17 Aug 2021 02:21

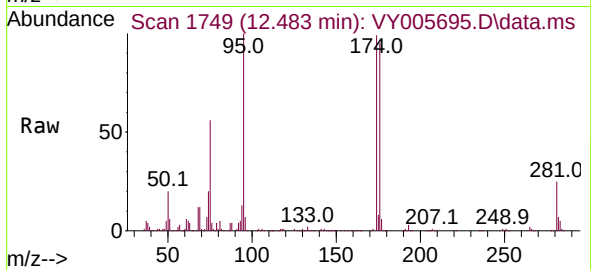
Tgt Ion: 75 Resp: 81545
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.322 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005695.D
 Acq: 17 Aug 2021 02:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 20S



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.2	38.4	57.6#

