

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005698.D
 Acq On : 17 Aug 2021 03:31
 Operator : SY/MD
 Sample : M3425-10
 Misc : 9.56G/5ML/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22N

Quant Time: Aug 17 05:24:28 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	183089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	316063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	326712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168390	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	122392	66.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.080%
35) Dibromofluoromethane	7.728	113	95481	53.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.920%
50) Toluene-d8	10.184	98	408635	55.062	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.120%
62) 4-Bromofluorobenzene	12.483	95	144924	58.970	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.940%

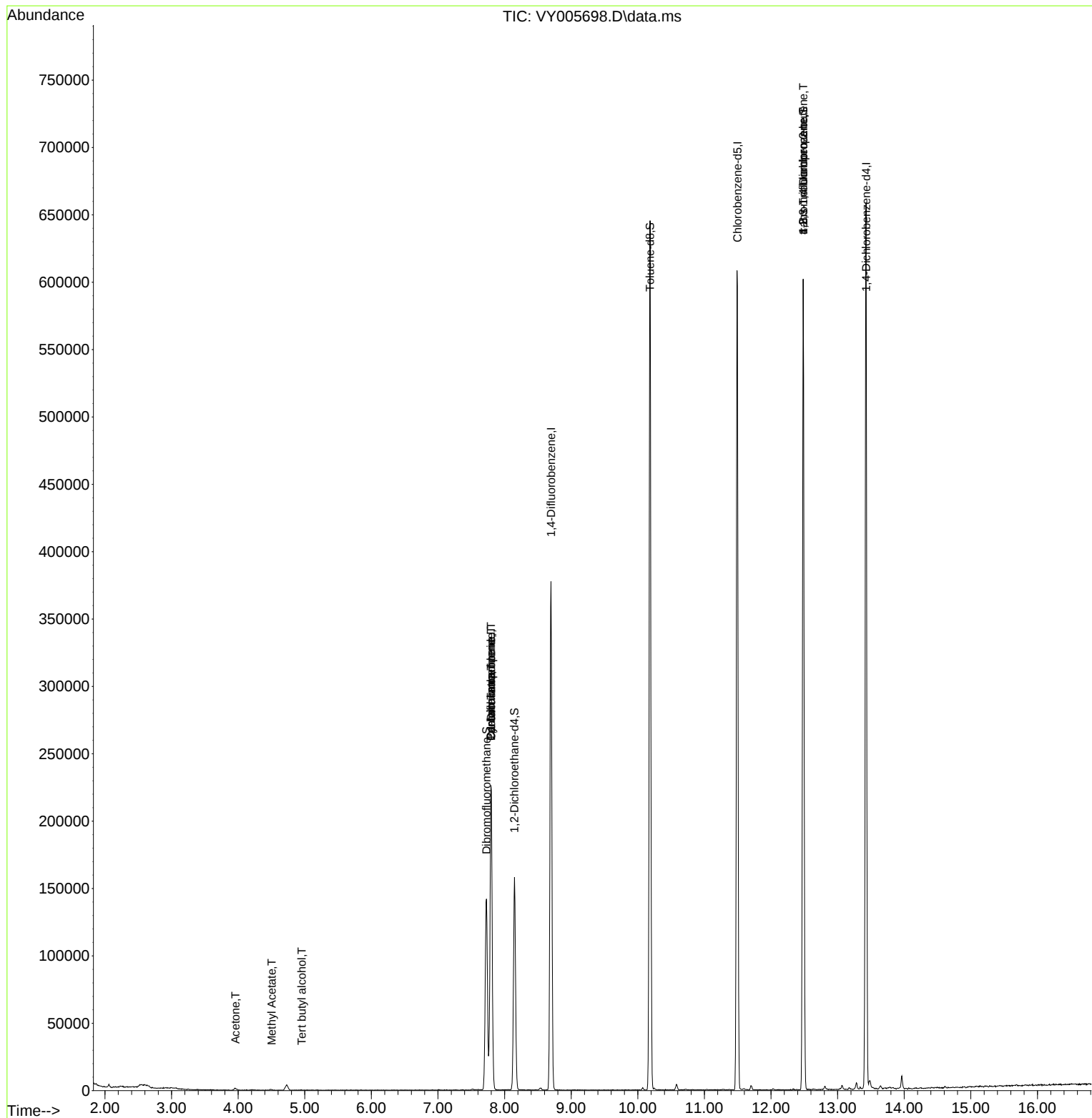
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.954	59	387	2.112	ug/l #	73
16) Acetone	3.960	43	2426	5.192	ug/l #	86
18) Methyl Acetate	4.503	43	1249	1.022	ug/l #	84
20) Methylene Chloride	4.728	84	2824	Below Cal	#	80
31) Cyclohexane	7.795	56	3764	1.184	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	12597	4.249	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17015	5.281	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	81547	46.732	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81547	94.205	ug/l #	11

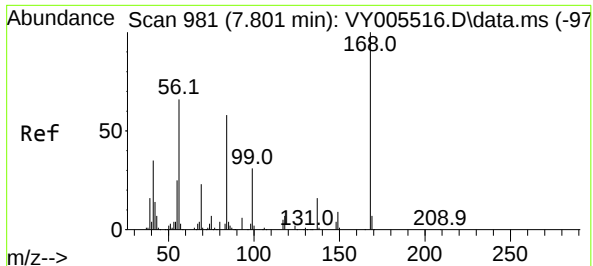
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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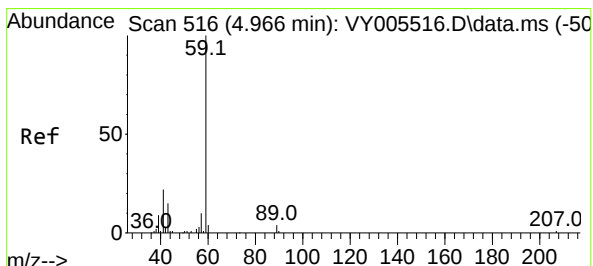
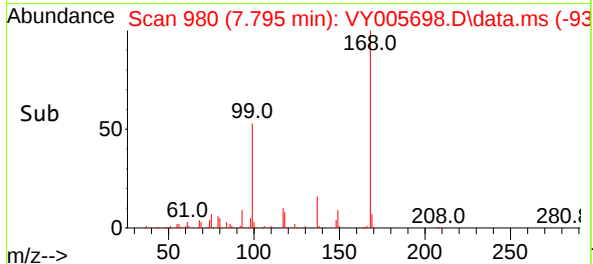
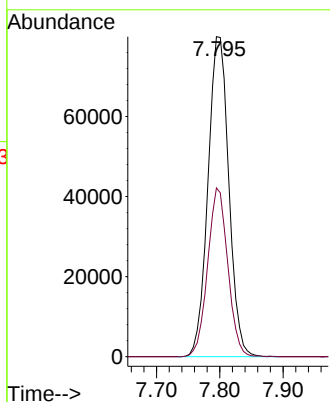
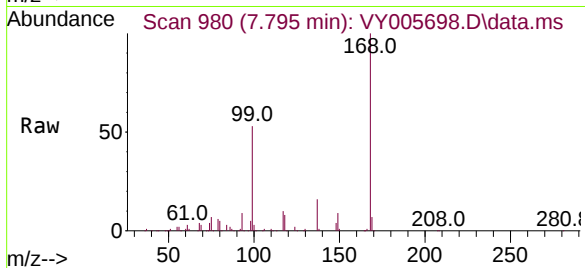




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

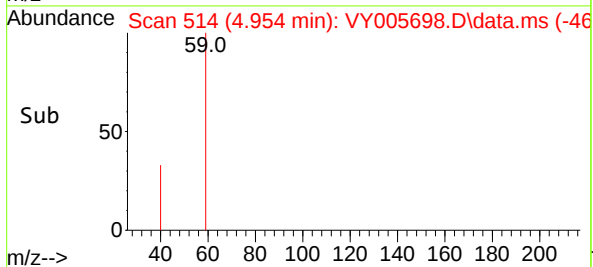
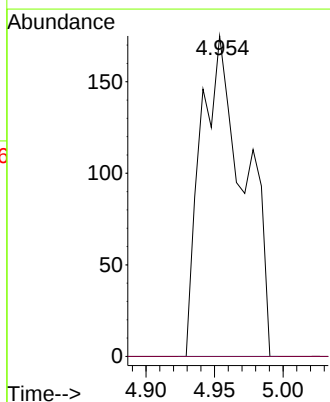
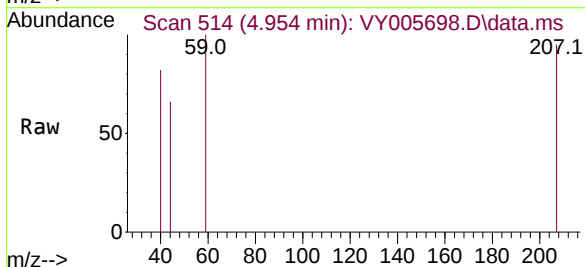
Instrument :
MSVOA_Y
ClientSampled :
22N

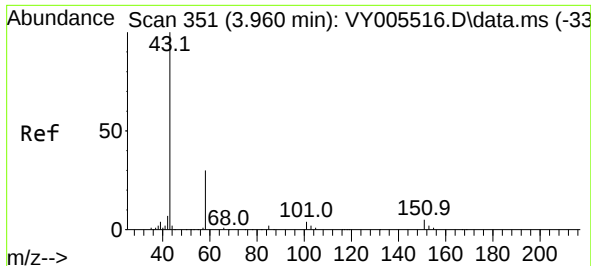
Tgt Ion:168 Resp: 183089
Ion Ratio Lower Upper
168 100
99 52.7 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.112 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.013 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

Tgt Ion: 59 Resp: 387
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

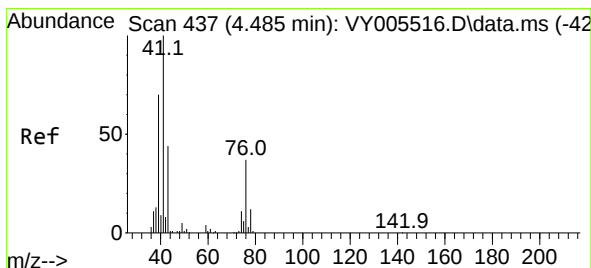
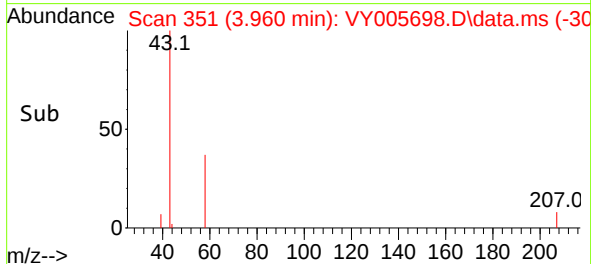
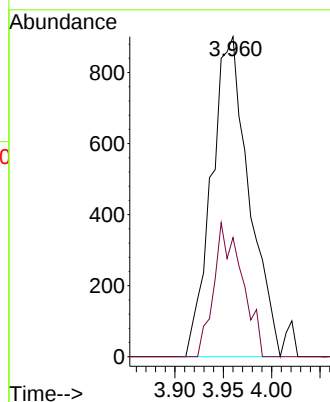
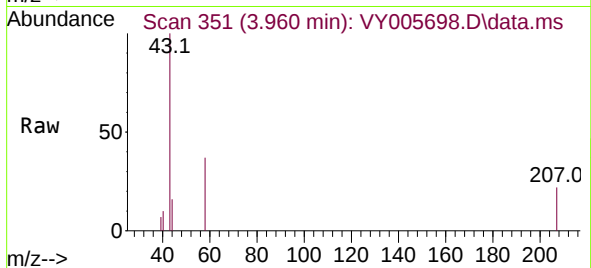




#16
Acetone
Concen: 5.192 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

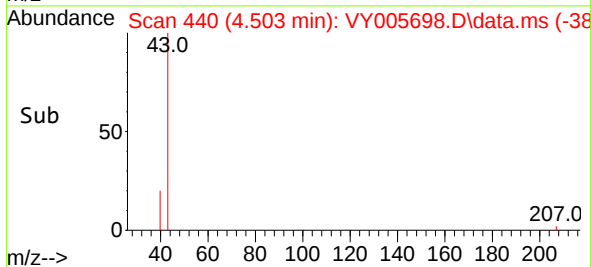
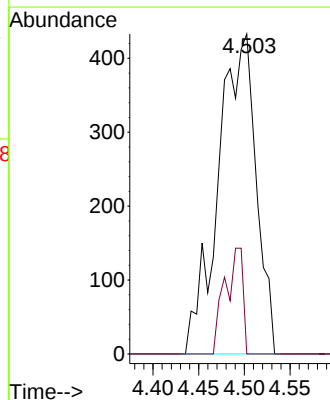
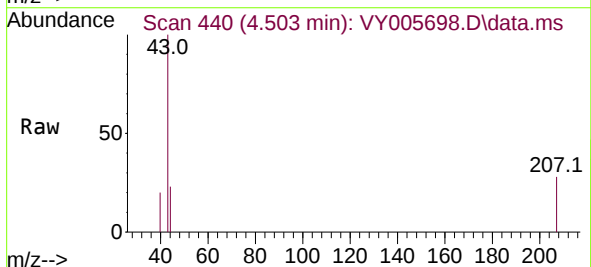
Instrument :
MSVOA_Y
ClientSampled :
22N

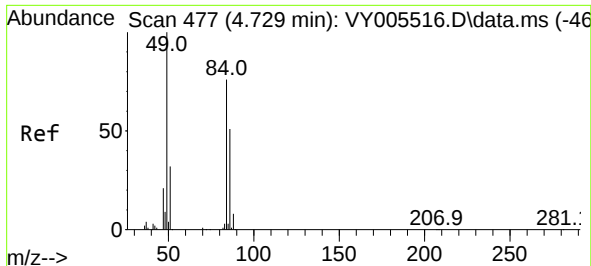
Tgt Ion: 43 Resp: 2426
Ion Ratio Lower Upper
43 100
58 37.2 23.8 35.6#



#18
Methyl Acetate
Concen: 1.022 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.018 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

Tgt Ion: 43 Resp: 1249
Ion Ratio Lower Upper
43 100
74 15.7 19.0 28.6#

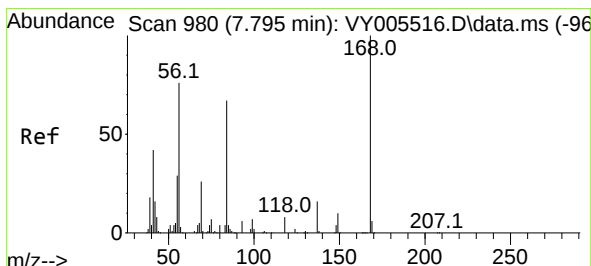
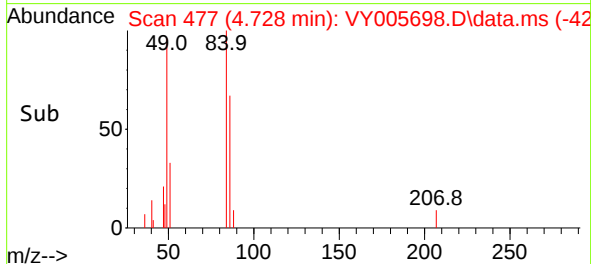
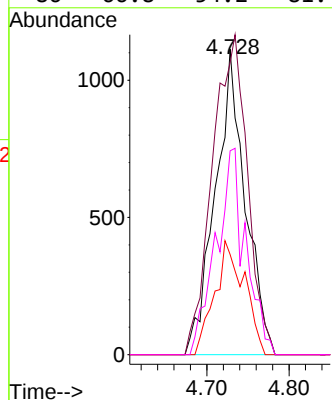
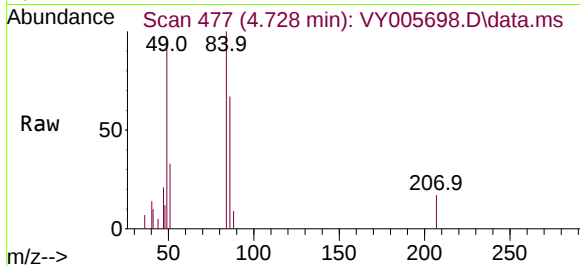




#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

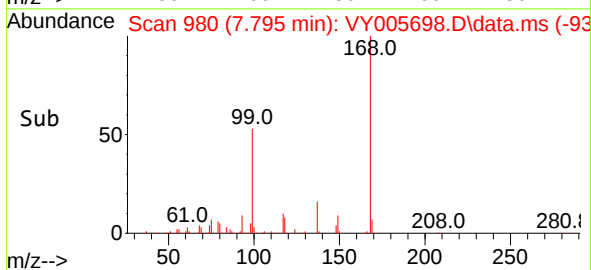
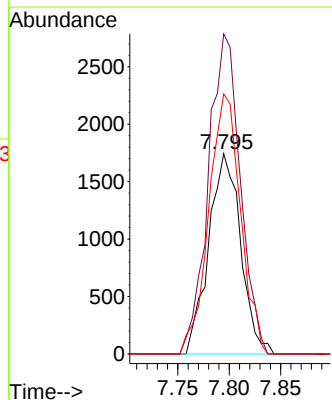
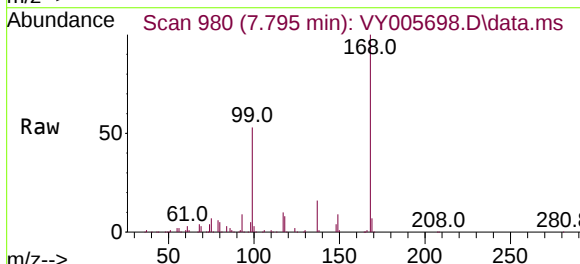
Instrument :
MSVOA_Y
ClientSampled :
22N

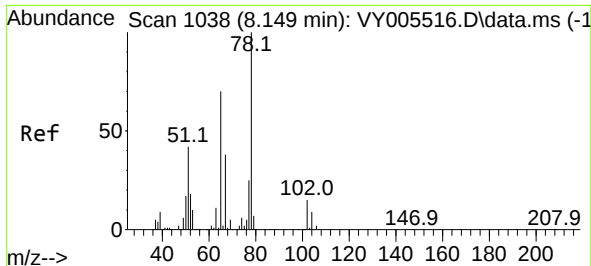
Tgt Ion:	84	Resp:	2824
Ion	Ratio	Lower	Upper
84	100		
49	95.6	105.8	158.6#
51	32.8	33.4	50.2#
86	66.8	54.2	81.4



#31
Cyclohexane
Concen: 1.184 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

Tgt Ion:	56	Resp:	3764
Ion	Ratio	Lower	Upper
56	100		
69	159.7	27.7	41.5#
84	129.8	70.9	106.3#

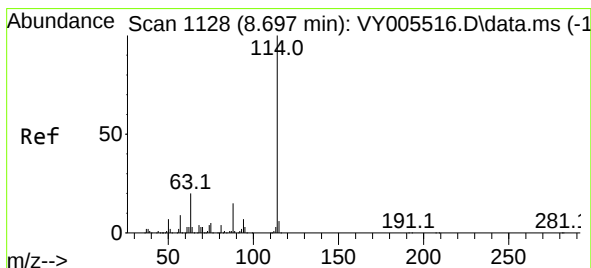
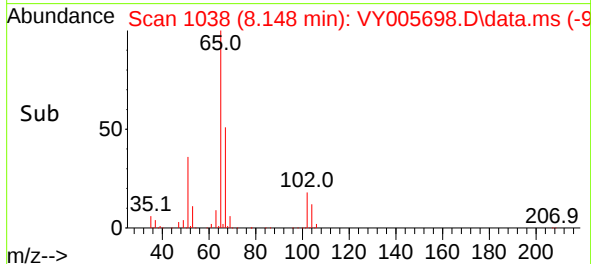
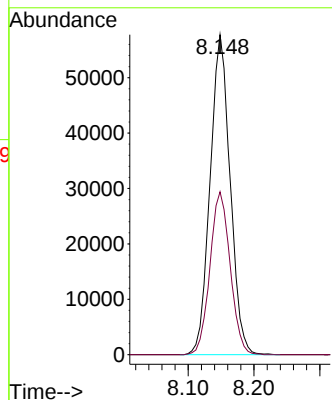
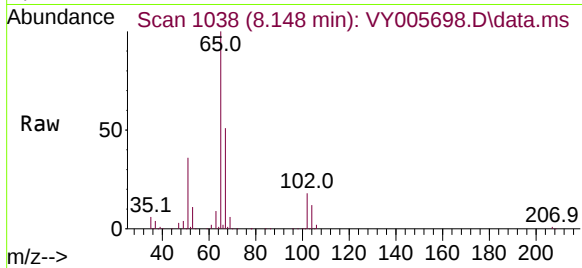




#33
 1,2-Dichloroethane-d4
 Concen: 66.039 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005698.D
 Acq: 17 Aug 2021 03:31

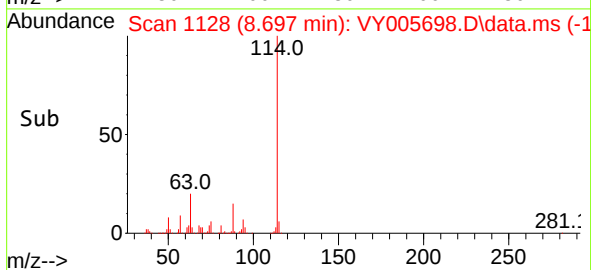
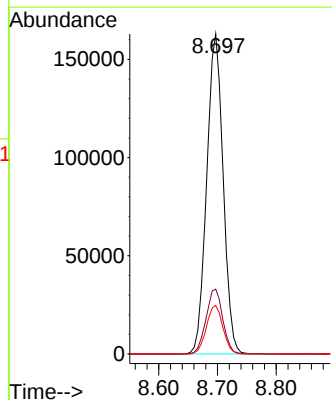
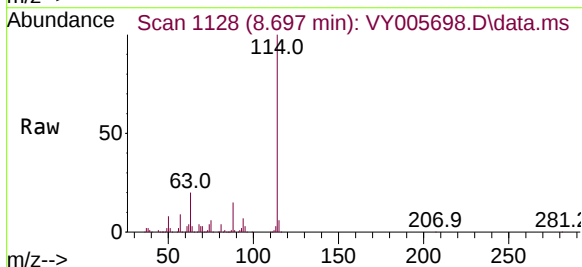
Instrument :
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 ClientSampled :
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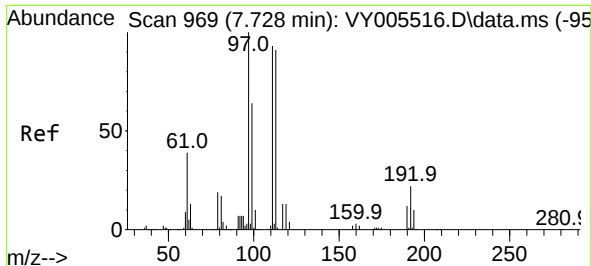
Tgt Ion: 65 Resp: 122392
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005698.D
 Acq: 17 Aug 2021 03:31

Tgt Ion: 114 Resp: 316063
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.2
 88 15.2 0.0 30.8

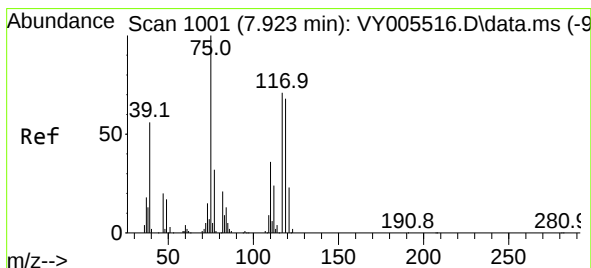
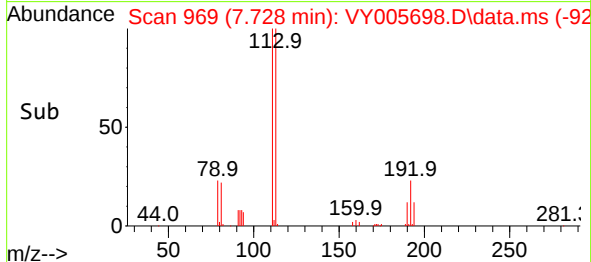
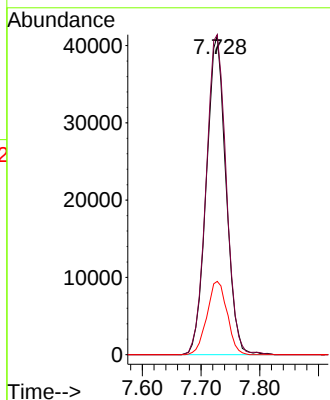
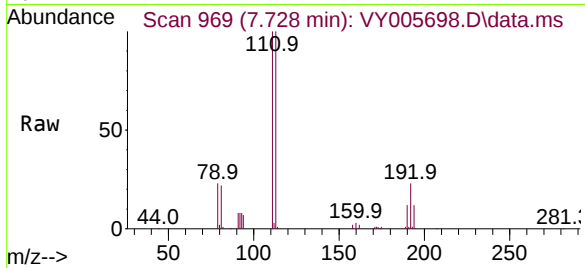




#35
Dibromofluoromethane
Concen: 53.957 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

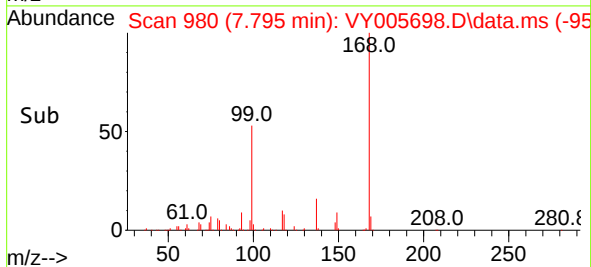
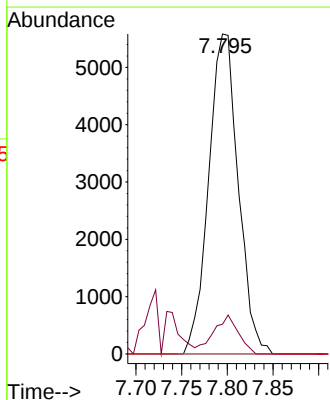
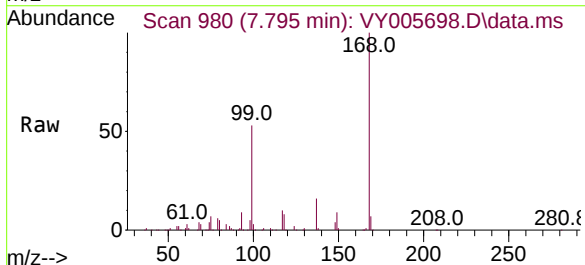
Instrument :
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ClientSampled :
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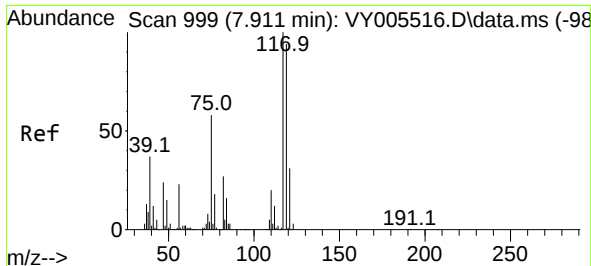
Tgt Ion:113 Resp: 95481
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 23.7 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.249 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

Tgt Ion: 75 Resp: 12597
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.1#
77 0.0 25.1 37.7#

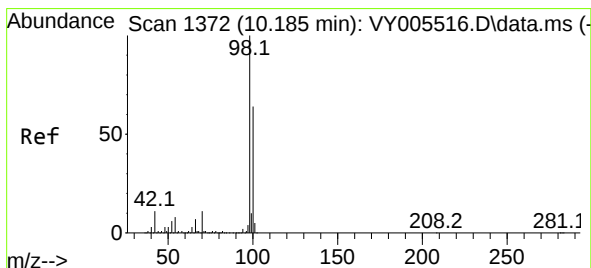
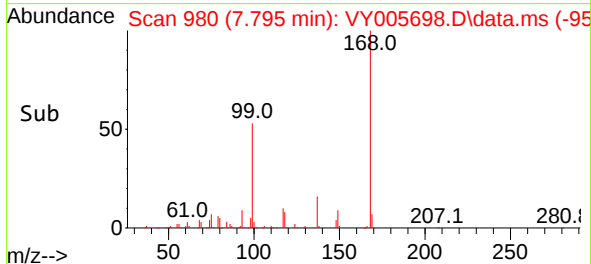
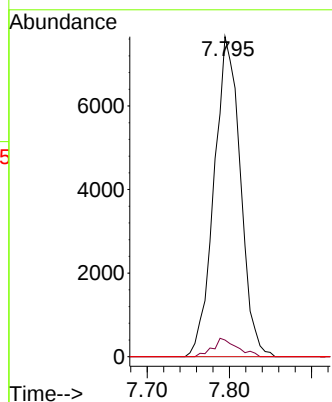
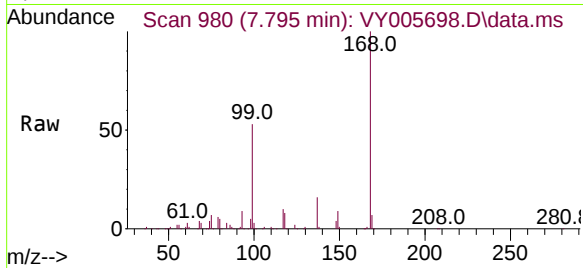




#38
Carbon Tetrachloride
Concen: 5.281 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

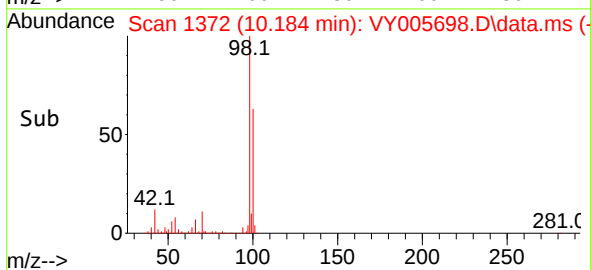
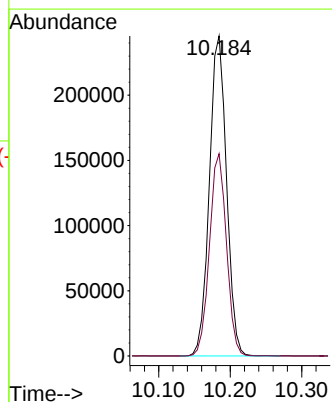
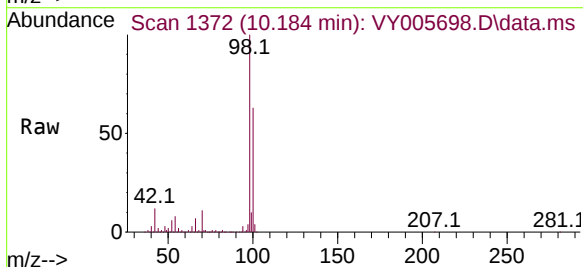
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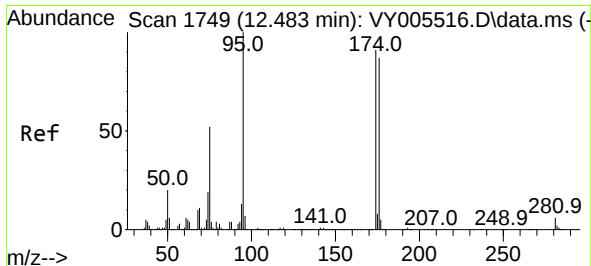
Tgt Ion:117 Resp: 17015
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 55.062 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

Tgt Ion: 98 Resp: 408635
Ion Ratio Lower Upper
98 100
100 62.6 51.3 76.9

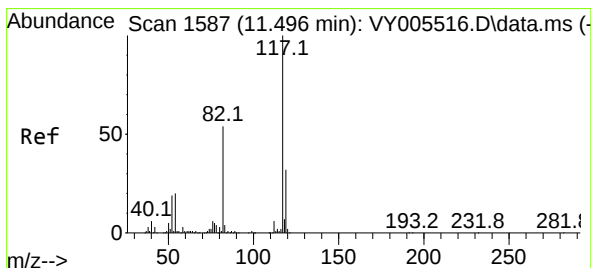
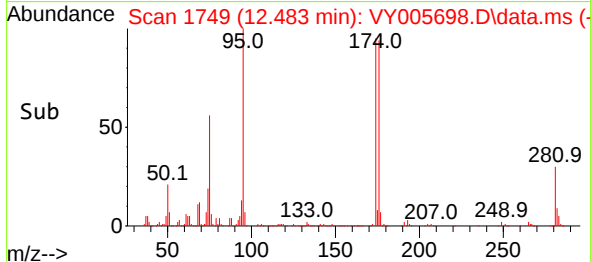
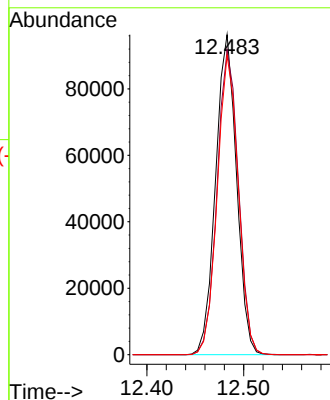
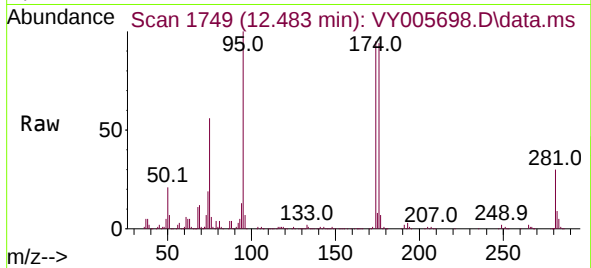




#62
4-Bromofluorobenzene
Concen: 58.970 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

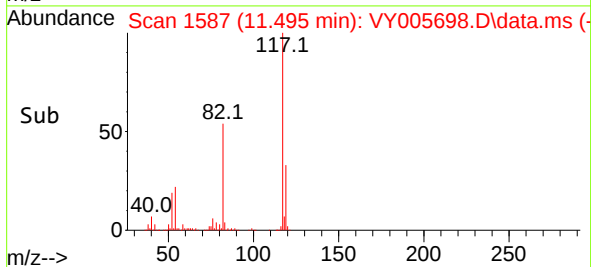
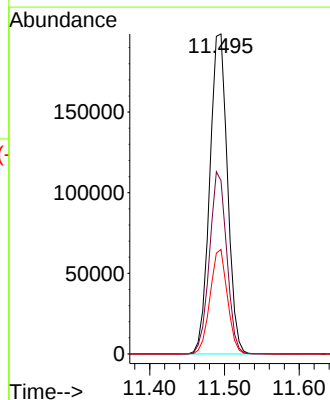
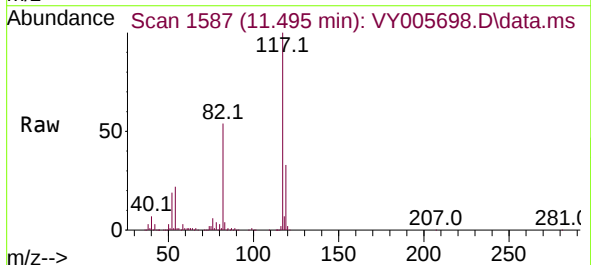
Instrument :
MSVOA_Y
ClientSampled :
22N

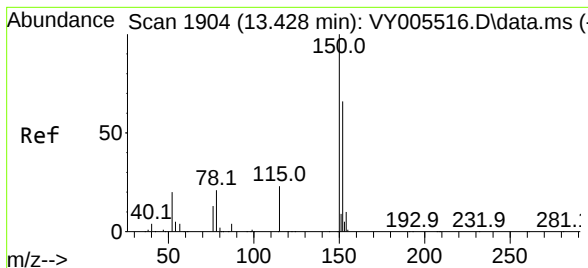
Tgt Ion: 95 Resp: 144924
Ion Ratio Lower Upper
95 100
174 96.8 0.0 191.4
176 93.8 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

Tgt Ion: 117 Resp: 326712
Ion Ratio Lower Upper
117 100
82 54.2 43.5 65.3
119 32.6 25.5 38.3

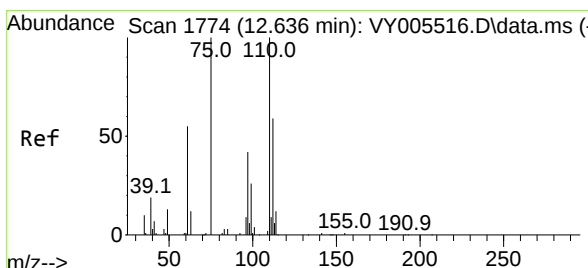
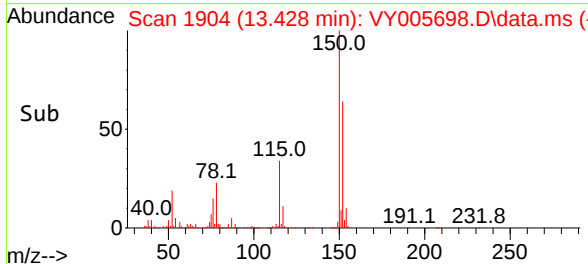
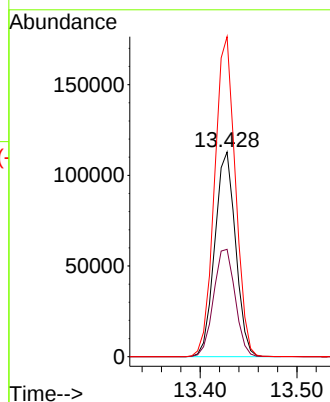
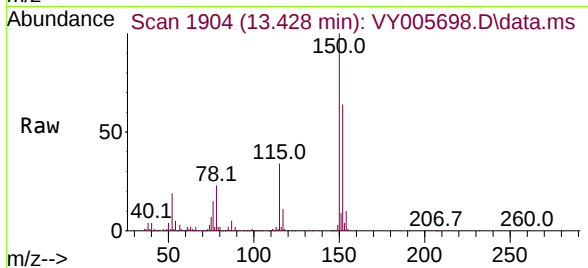




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005698.D
 Acq: 17 Aug 2021 03:31

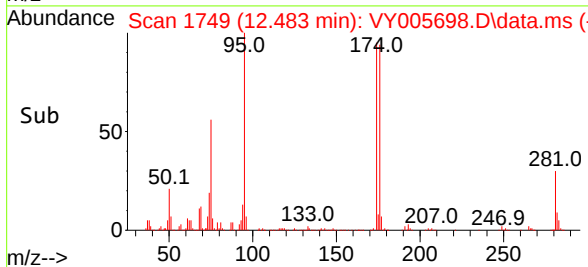
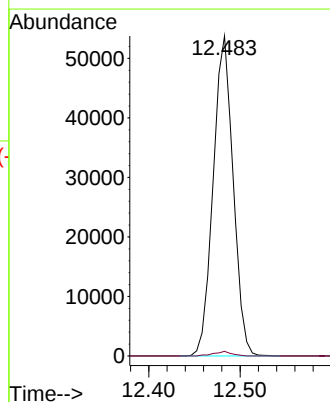
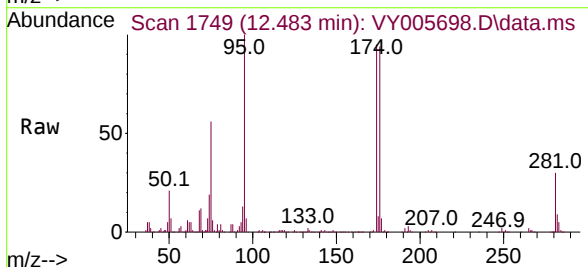
Instrument :
 MSVOA_Y
 ClientSampled :
 22N

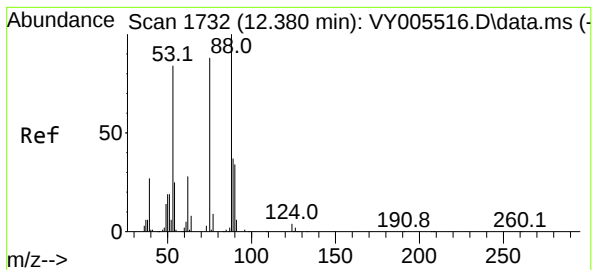
Tgt Ion:152 Resp: 168390
 Ion Ratio Lower Upper
 152 100
 115 54.5 27.3 81.9
 150 156.6 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.732 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005698.D
 Acq: 17 Aug 2021 03:31

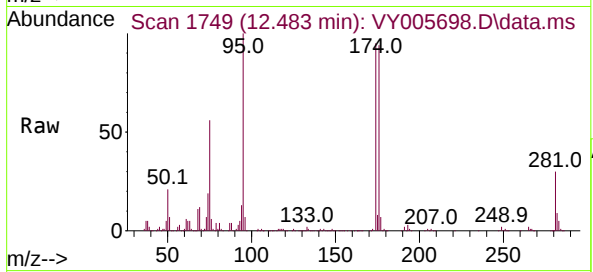
Tgt Ion: 75 Resp: 81547
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.205 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005698.D
 Acq: 17 Aug 2021 03:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 22N



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.7	115.1#
89	0.2	38.4	57.6#

