

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005649.D
 Acq On : 13 Aug 2021 21:07
 Operator : SY/MD
 Sample : M3407-10
 Misc : 7.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 26S

Quant Time: Aug 14 03:39:47 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)

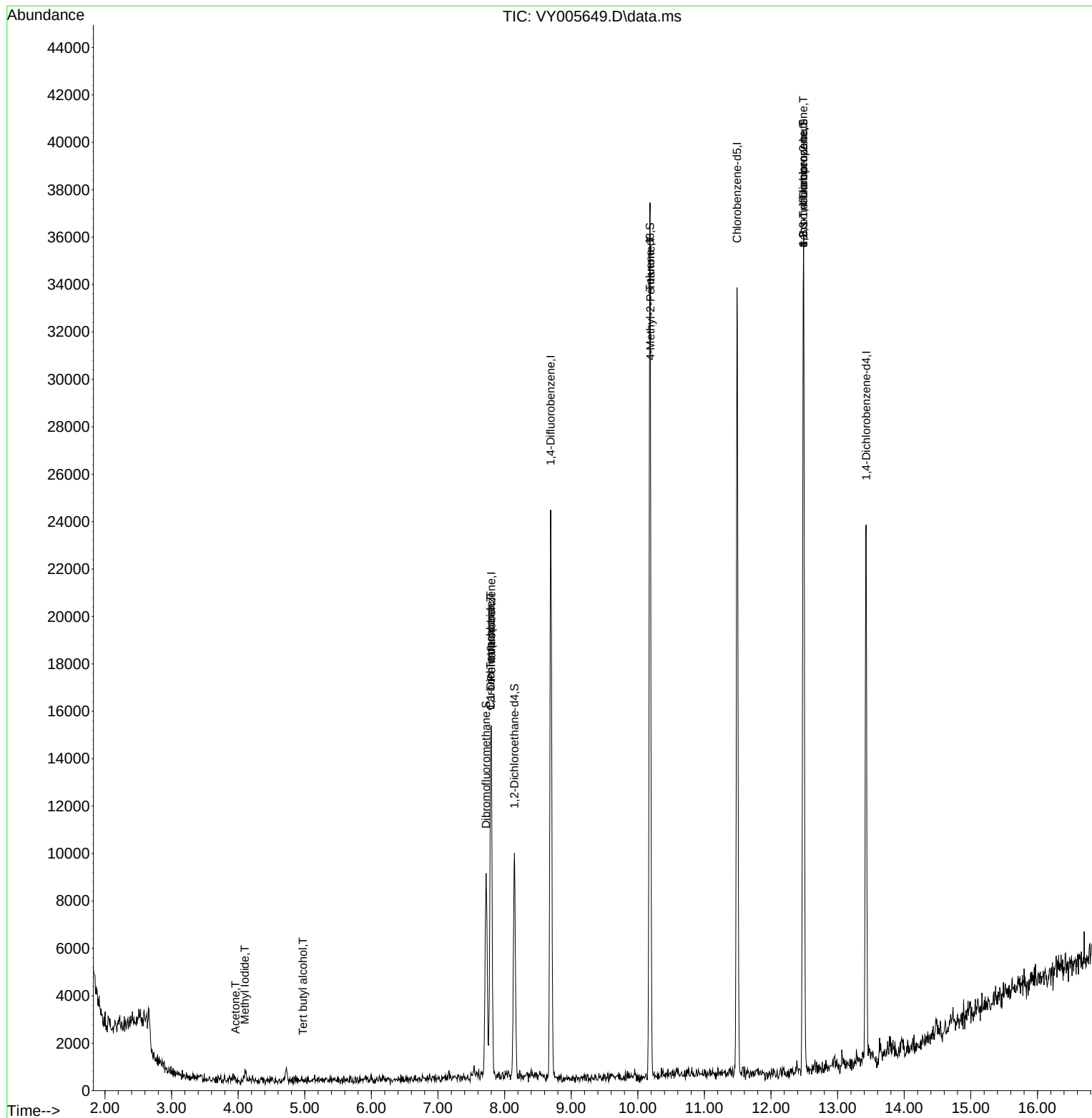
Internal Standards						
1) Pentafluorobenzene	7.801	168	12342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	19919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	17617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	7359	58.904	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.800%
35) Dibromofluoromethane	7.722	113	5854	52.492	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.980%
50) Toluene-d8	10.185	98	24227	51.799	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.600%
62) 4-Bromofluorobenzene	12.483	95	6280	40.547	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.100%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	612	4.664	ug/l #	87
11) Tert butyl alcohol	4.972	59	42	3.401	ug/l #	73
16) Acetone	3.960	43	124	3.937	ug/l #	45
20) Methylene Chloride	4.722	84	296	Below Cal	#	77
36) 1,1-Dichloropropene	7.789	75	844	4.518	ug/l #	41
38) Carbon Tetrachloride	7.789	117	1173	5.777	ug/l #	13
51) 4-Methyl-2-Pentanone	10.191	43	141	1.249	ug/l #	29
76) 1,2,3-Trichloropropane	12.483	75	3648	61.965	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3648	124.914	ug/l #	11

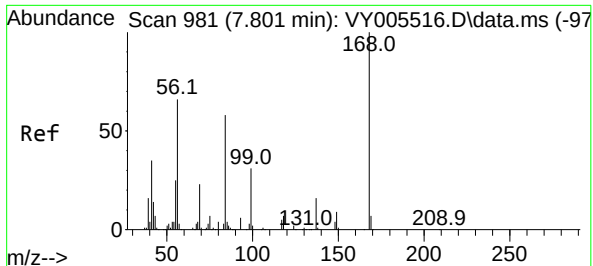
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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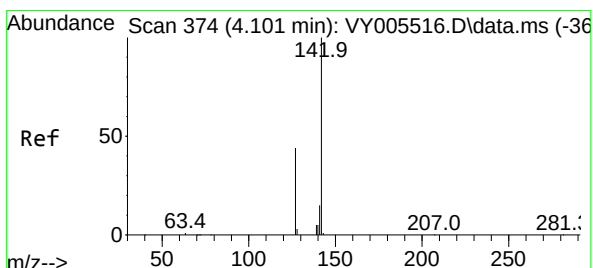
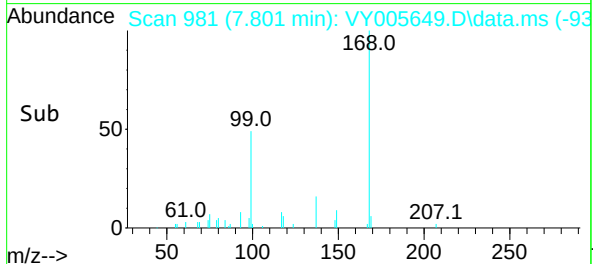
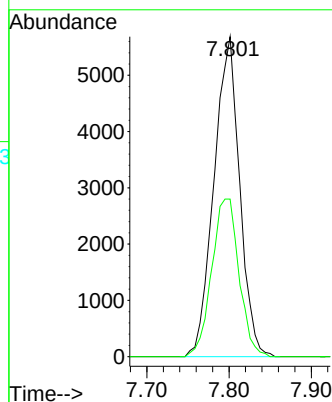
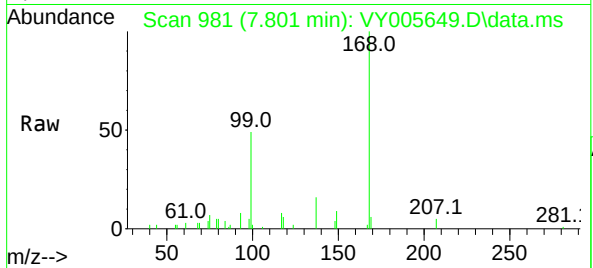




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005649.D
Acq: 13 Aug 2021 21:07

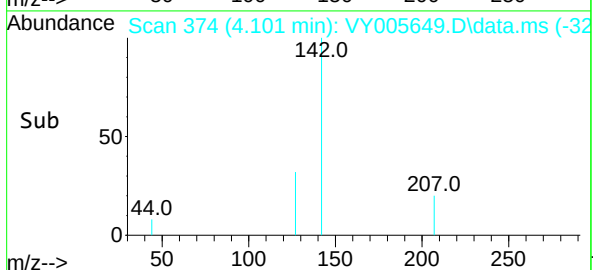
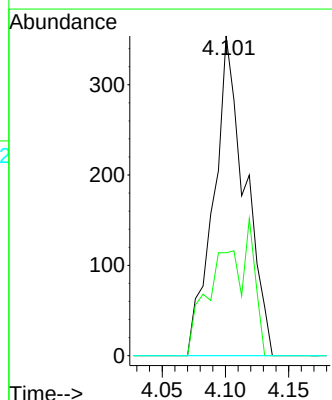
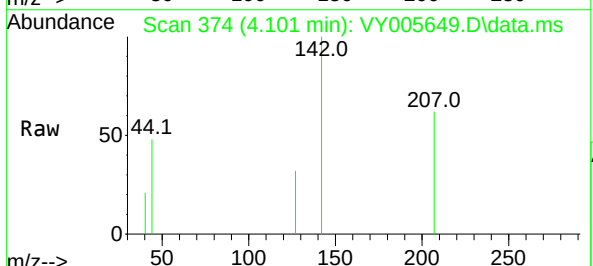
Instrument :
MSVOA_Y
ClientSampled :
26S

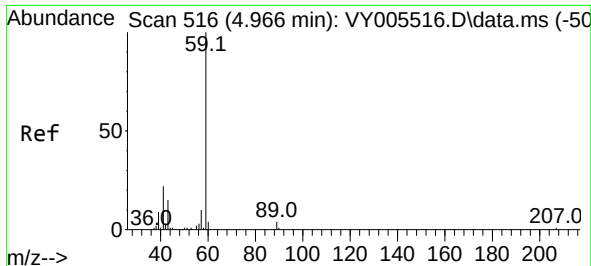
Tgt Ion:168 Resp: 12342
Ion Ratio Lower Upper
168 100
99 49.3 38.9 58.3



#10
Methyl Iodide
Concen: 4.664 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY005649.D
Acq: 13 Aug 2021 21:07

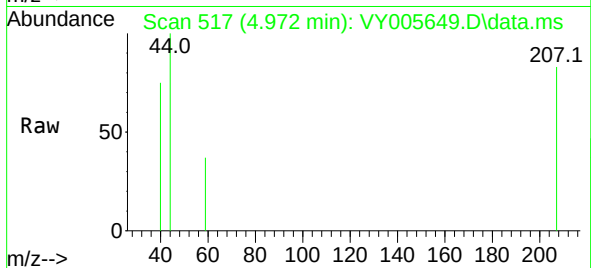
Tgt Ion:142 Resp: 612
Ion Ratio Lower Upper
142 100
127 48.9 36.6 54.8
141 0.0 12.2 18.4#



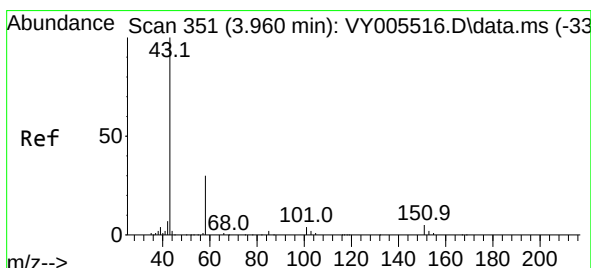
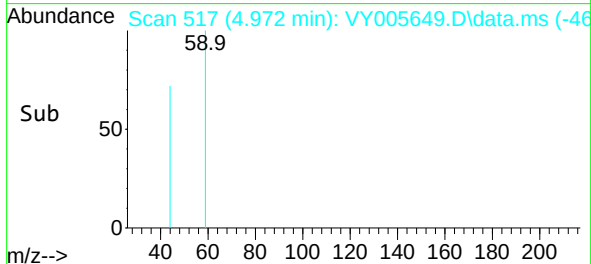
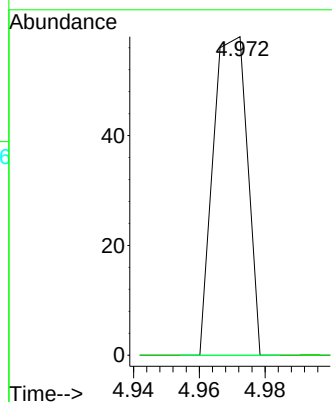


#11
Tert butyl alcohol
Concen: 3.401 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY005649.D
Acq: 13 Aug 2021 21:07

Instrument :
MSVOA_Y
ClientSampleId :
26S

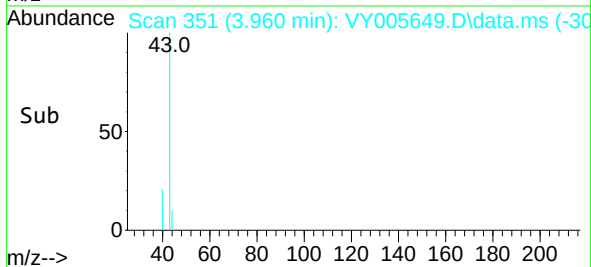
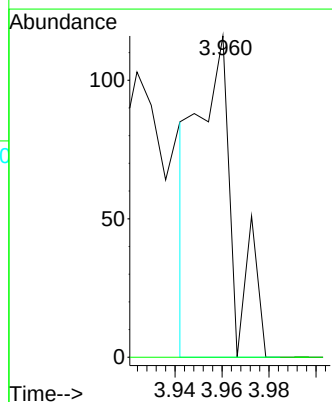
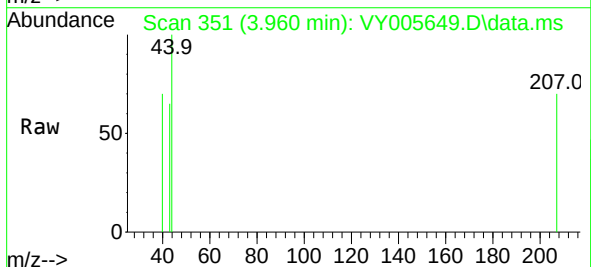


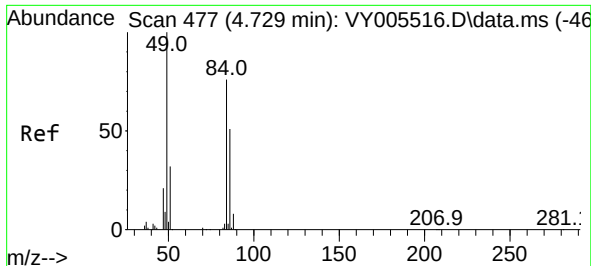
Tgt Ion: 59 Resp: 42
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#16
Acetone
Concen: 3.937 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005649.D
Acq: 13 Aug 2021 21:07

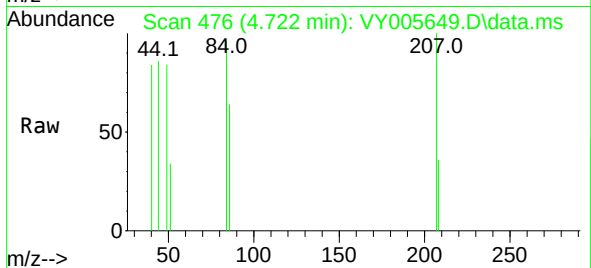
Tgt Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



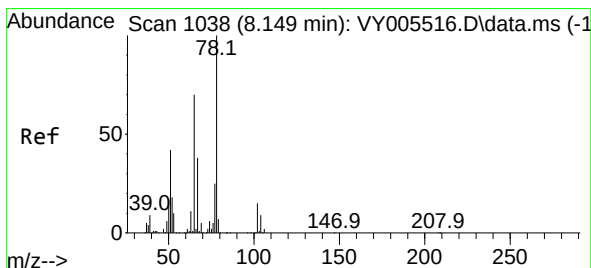
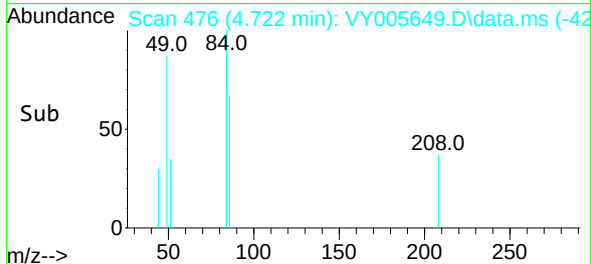
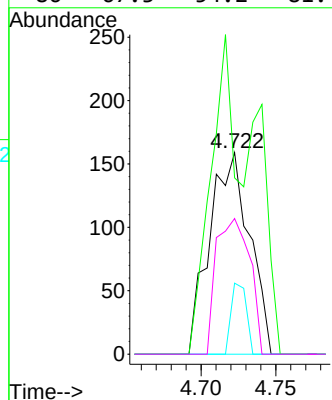


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005649.D
Acq: 13 Aug 2021 21:07

Instrument :
MSVOA_Y
ClientSampleId :
26S

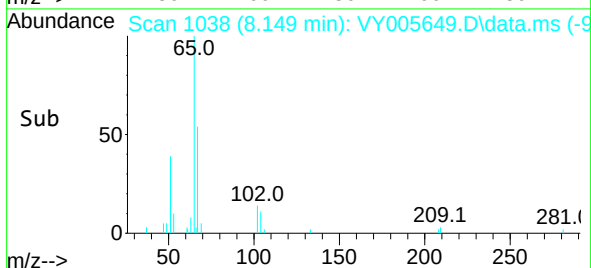
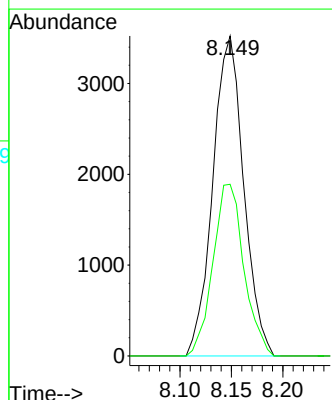
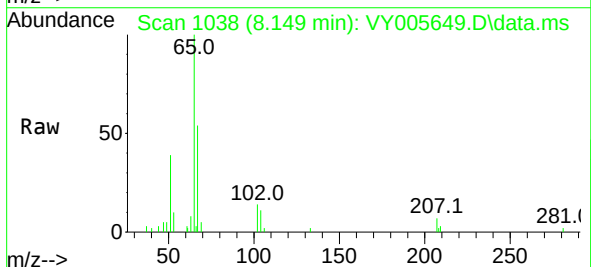


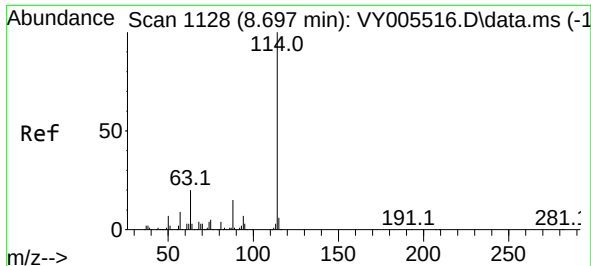
Tgt Ion:	84	Resp:	296
Ion	Ratio	Lower	Upper
84	100		
49	87.4	105.8	158.6#
51	35.2	33.4	50.2
86	67.3	54.2	81.4



#33
1,2-Dichloroethane-d4
Concen: 58.904 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005649.D
Acq: 13 Aug 2021 21:07

Tgt Ion:	65	Resp:	7359
Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	103.4

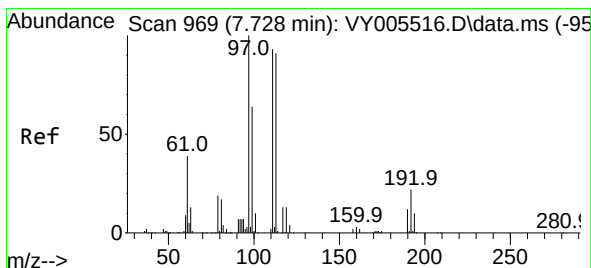
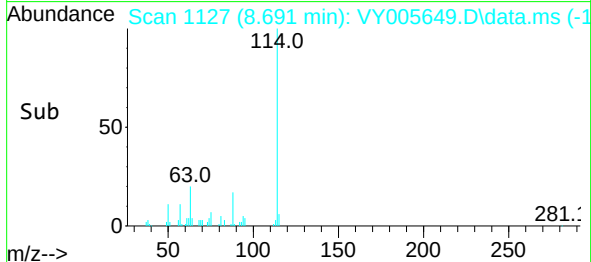
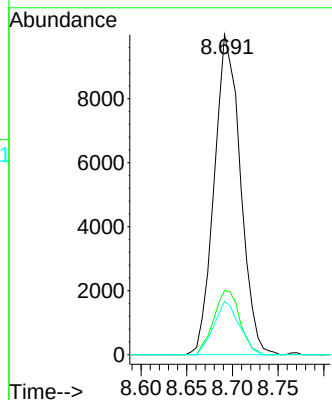
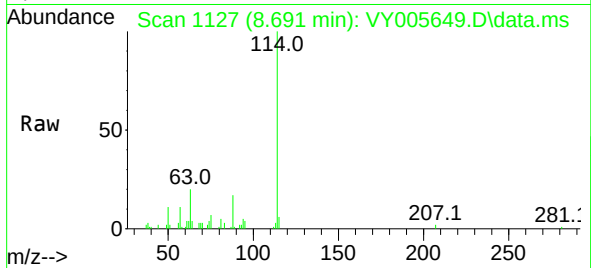




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005649.D
Acq: 13 Aug 2021 21:07

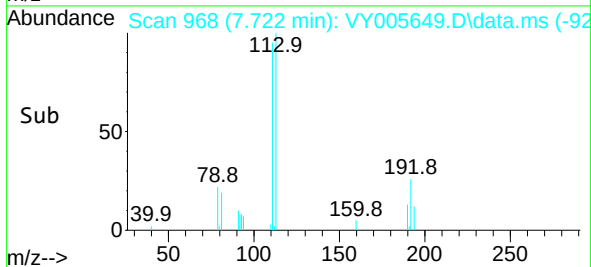
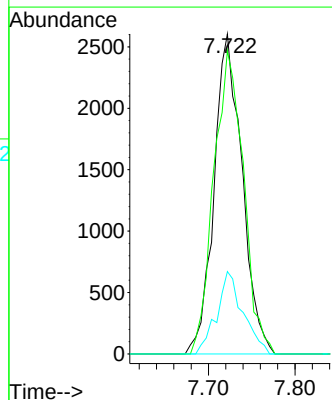
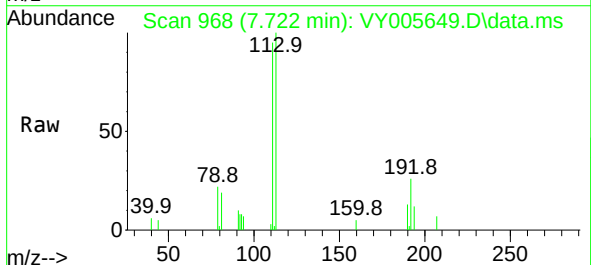
Instrument :
MSVOA_Y
ClientSampled :
26S

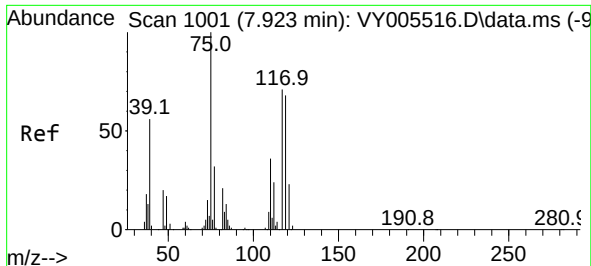
Tgt Ion:	114	Resp:	19919
Ion Ratio	Lower	Upper	
114	100		
63	20.1	0.0	39.2
88	16.6	0.0	30.8



#35
Dibromofluoromethane
Concen: 52.492 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005649.D
Acq: 13 Aug 2021 21:07

Tgt Ion:	113	Resp:	5854
Ion Ratio	Lower	Upper	
113	100		
111	100.4	81.9	122.9
192	24.0	19.2	28.8





#36

1,1-Dichloropropene

Concen: 4.518 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY005649.D

Acq: 13 Aug 2021 21:07

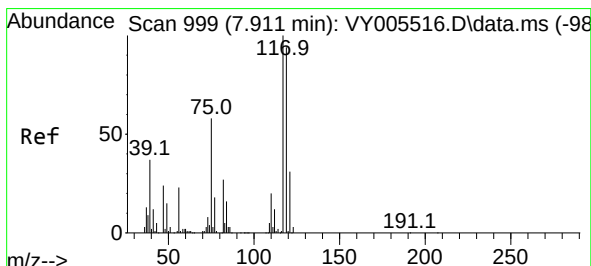
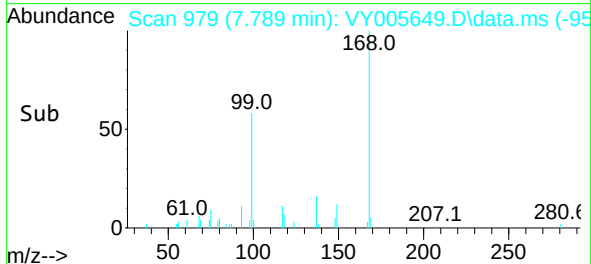
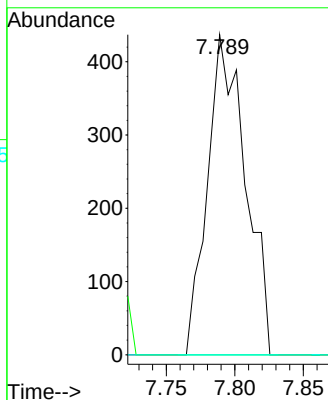
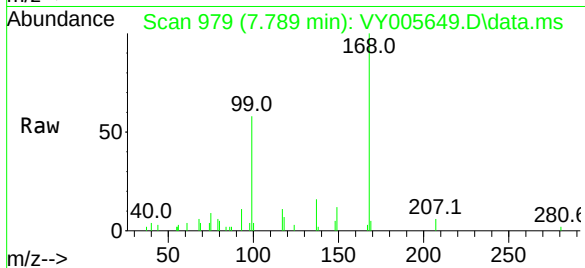
Instrument :

MSVOA_Y

ClientSampleId :

26S

Tgt Ion:	75	Resp:	844
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.777 ug/l

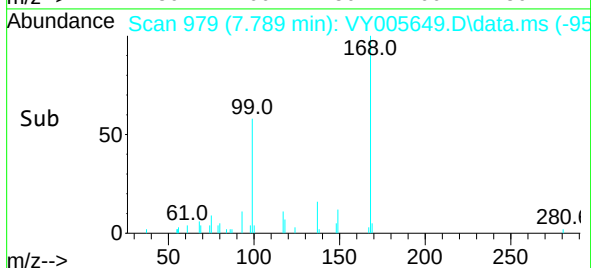
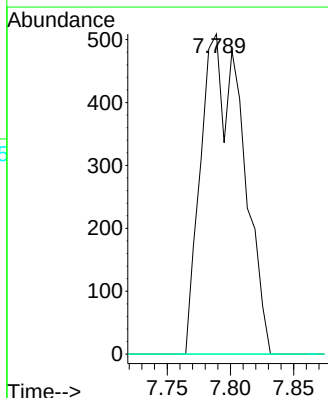
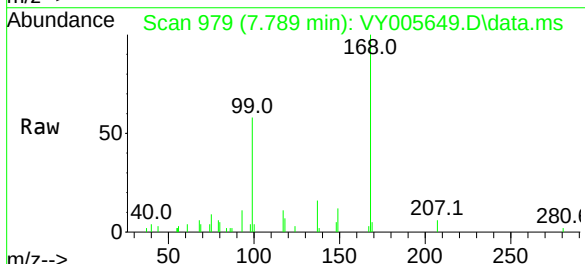
RT: 7.789 min Scan# 979

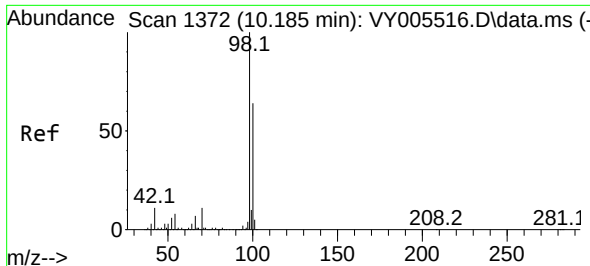
Delta R.T. -0.122 min

Lab File: VY005649.D

Acq: 13 Aug 2021 21:07

Tgt Ion:	117	Resp:	1173
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.4	113.0#
121	0.0	25.1	37.7#

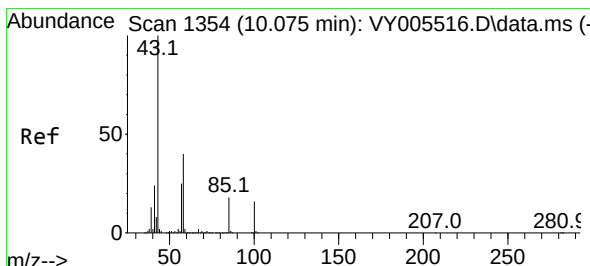
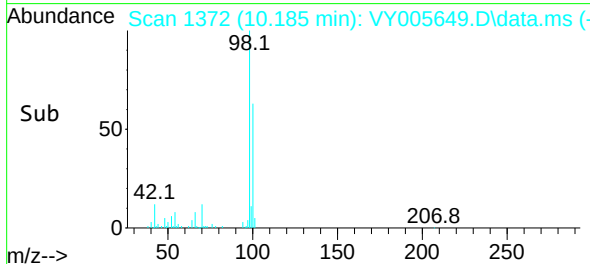
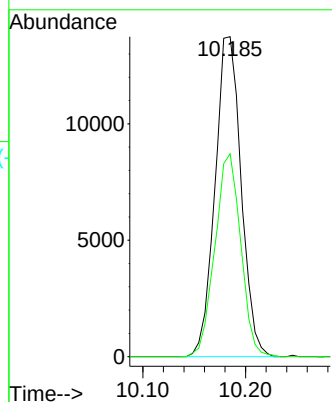
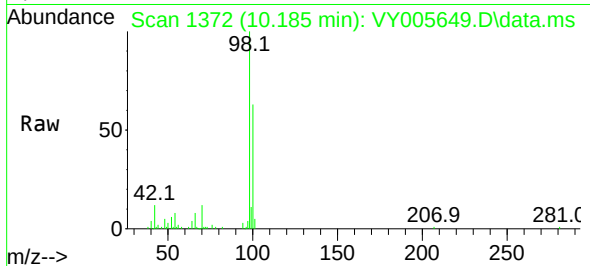




#50
Toluene-d8
Concen: 51.799 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005649.D
Acq: 13 Aug 2021 21:07

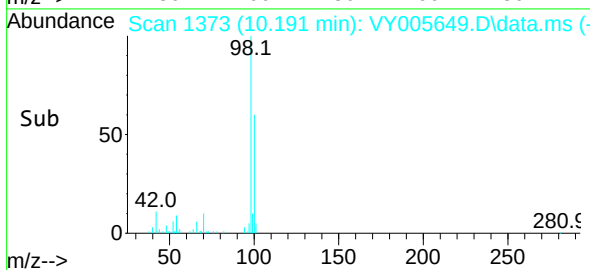
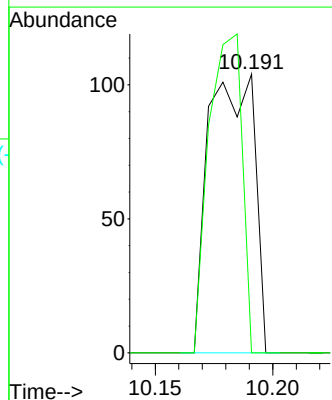
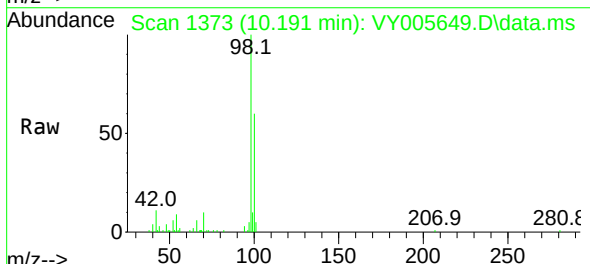
Instrument :
MSVOA_Y
ClientSampled :
26S

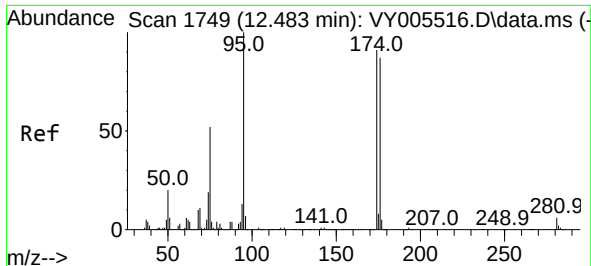
Tgt Ion: 98 Resp: 24227
Ion Ratio Lower Upper
98 100
100 62.6 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.249 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.116 min
Lab File: VY005649.D
Acq: 13 Aug 2021 21:07

Tgt Ion: 43 Resp: 141
Ion Ratio Lower Upper
43 100
58 83.0 31.4 47.2#

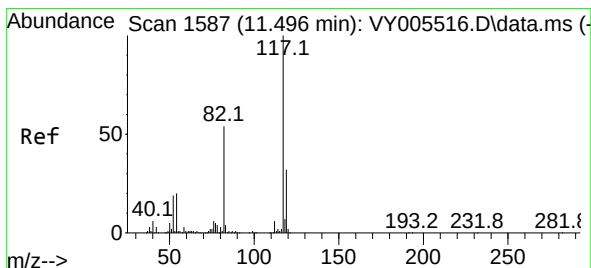
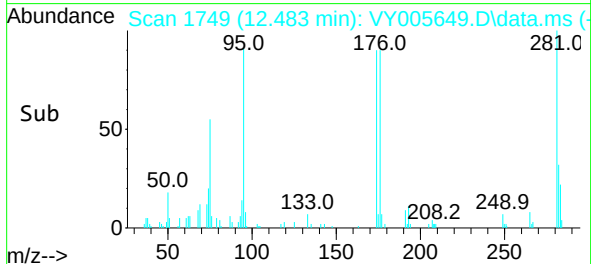
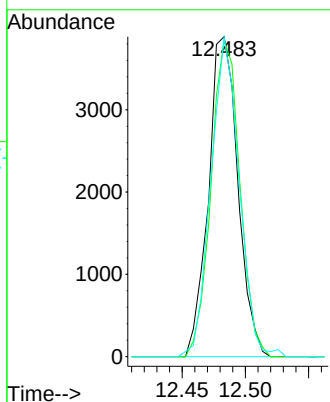
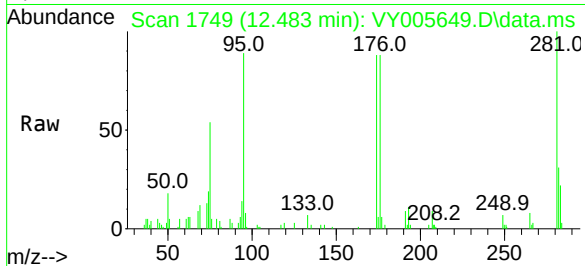




#62
4-Bromofluorobenzene
Concen: 40.547 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005649.D
Acq: 13 Aug 2021 21:07

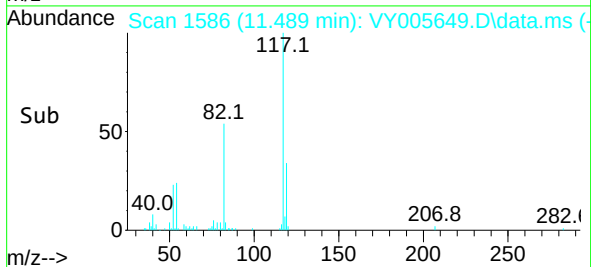
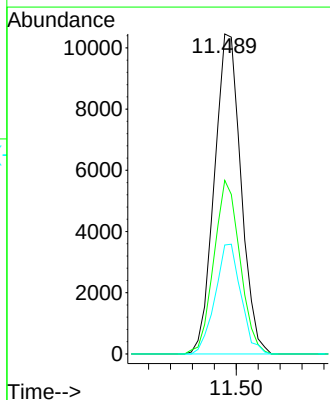
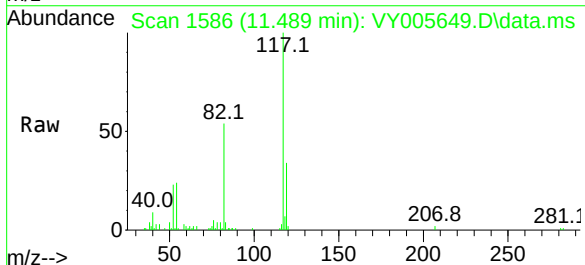
Instrument :
MSVOA_Y
ClientSampleId :
26S

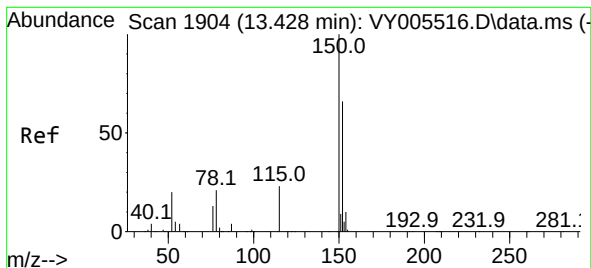
Tgt Ion:	95	Resp:	6280
Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	191.4
176	96.1	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005649.D
Acq: 13 Aug 2021 21:07

Tgt Ion:	117	Resp:	17617
Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.5	65.3
119	34.1	25.5	38.3

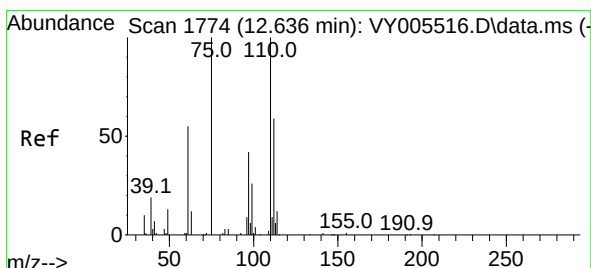
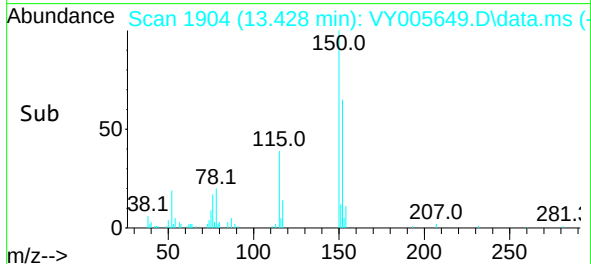
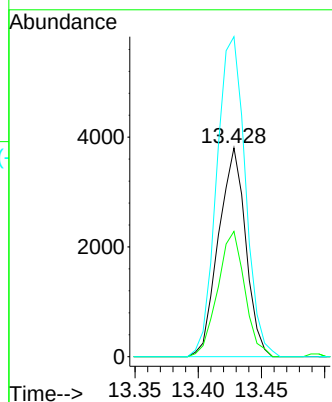
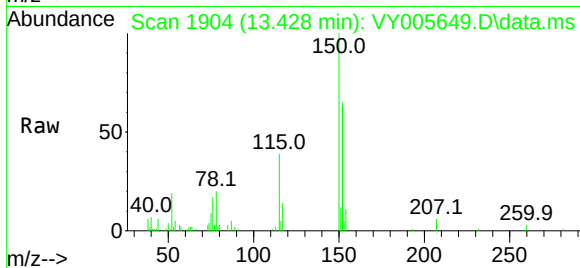




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005649.D
 Acq: 13 Aug 2021 21:07

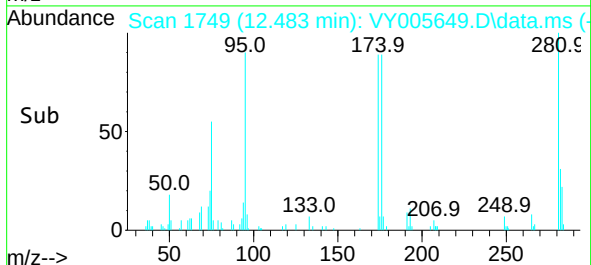
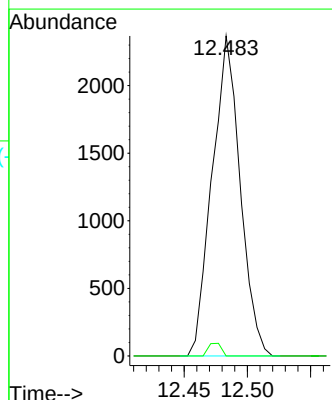
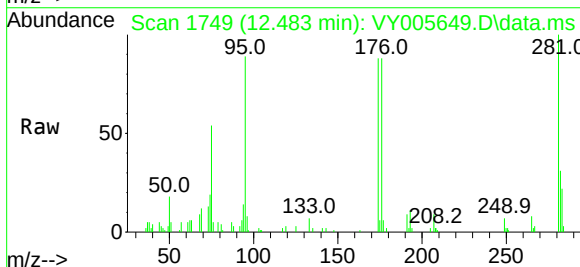
Instrument :
 MSVOA_Y
 ClientSampled :
 26S

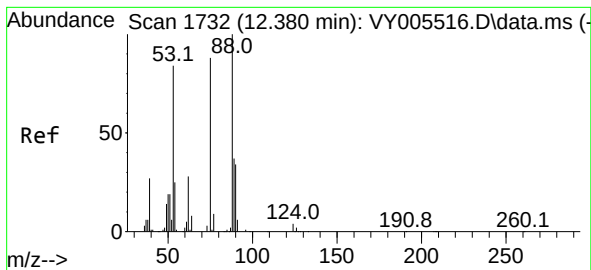
Tgt Ion:152 Resp: 5681
 Ion Ratio Lower Upper
 152 100
 115 59.8 27.3 81.9
 150 161.9 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 61.965 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005649.D
 Acq: 13 Aug 2021 21:07

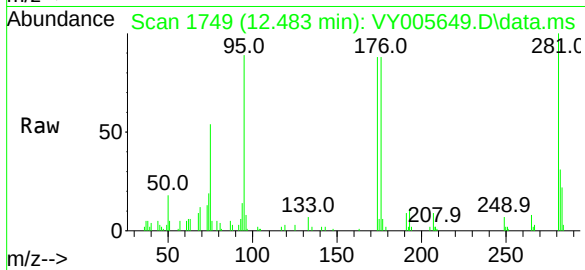
Tgt Ion: 75 Resp: 3648
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.914 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005649.D
 Acq: 13 Aug 2021 21:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 26S



Tgt Ion: 75 Resp: 3648
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

