

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042721\
 Data File : VY004646.D
 Acq On : 27 Apr 2021 11:17
 Operator : SY/MD
 Sample : M2182-01RE
 Misc : 6.93G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 28 10:02:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

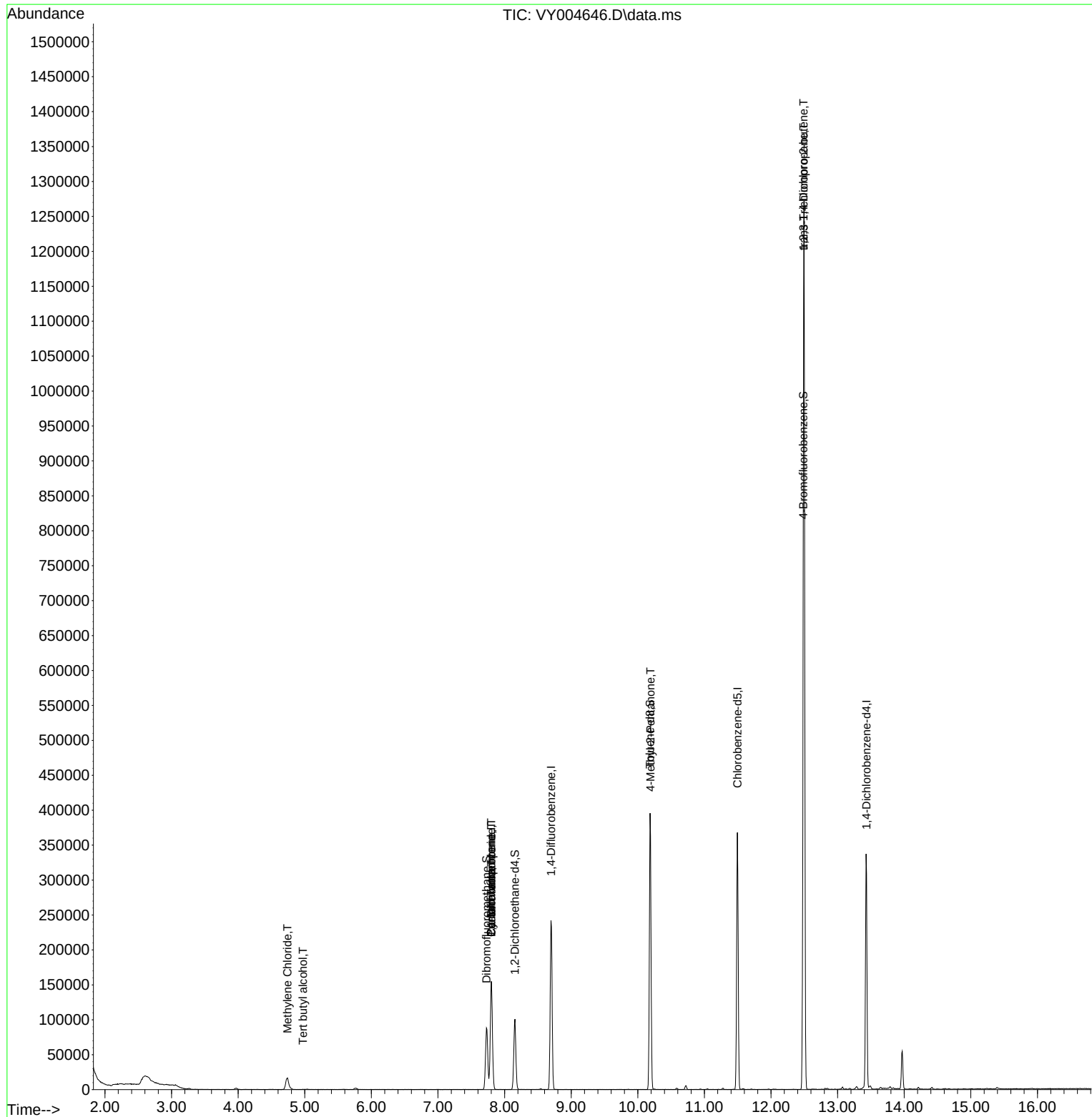
Internal Standards						
1) Pentafluorobenzene	7.801	168	113898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	183451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	80201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	75737	59.85	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.70%
35) Dibromofluoromethane	7.728	113	61038	55.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.82%
50) Toluene-d8	10.185	98	244842	52.26	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.52%
62) 4-Bromofluorobenzene	12.483	95	86477	54.39	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.78%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	676	5.42	ug/l #	73
16) Acetone	3.973	43	3317	Below	Cal	92
20) Methylene Chloride	4.741	84	11597	9.49	ug/l	91
31) Cyclohexane	7.801	56	2827	1.22	ug/l #	14
36) 1,1-Dichloropropene	7.801	75	9904	5.02	ug/l #	51
38) Carbon Tetrachloride	7.801	117	11732	6.88	ug/l #	17
51) 4-Methyl-2-Pentanone	10.191	43	1318	1.07	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	56007	65.06	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	56007	116.40	ug/l #	15

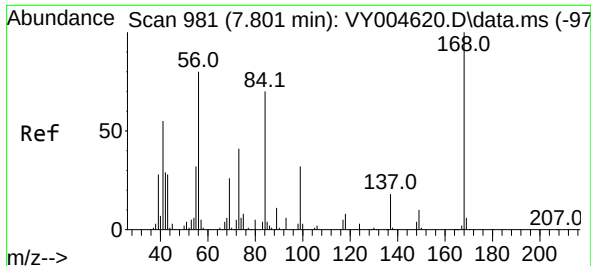
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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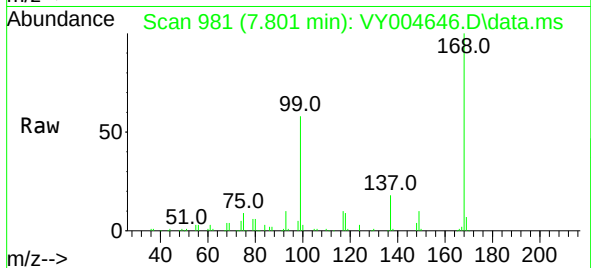
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



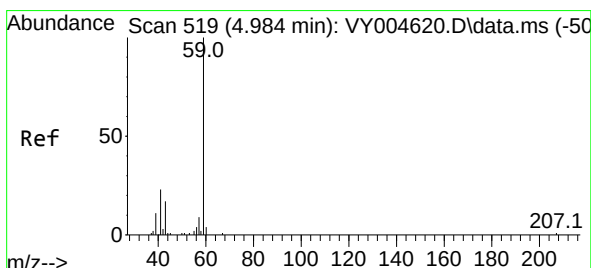
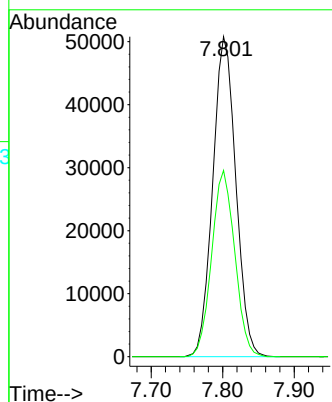
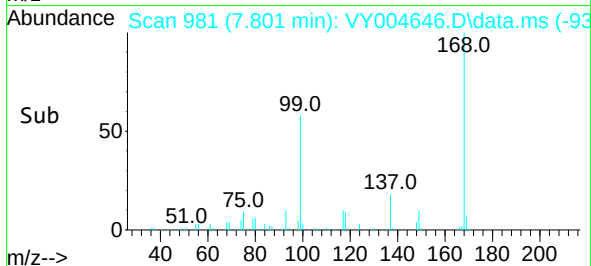


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17

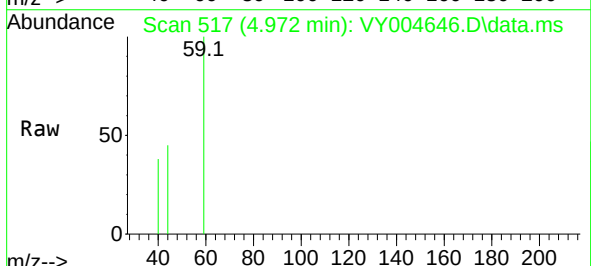
Instrument :
MSVOA_Y
ClientSampleId :



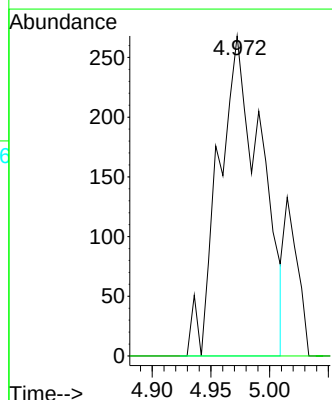
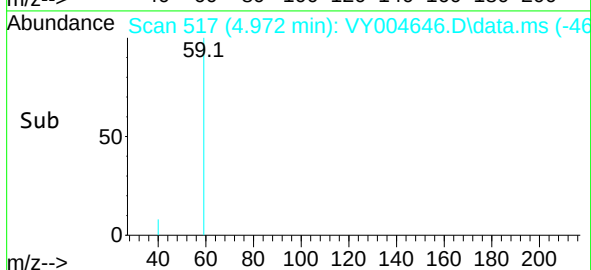
Tgt Ion:168 Resp: 113898
Ion Ratio Lower Upper
168 100
99 58.2 45.5 68.3

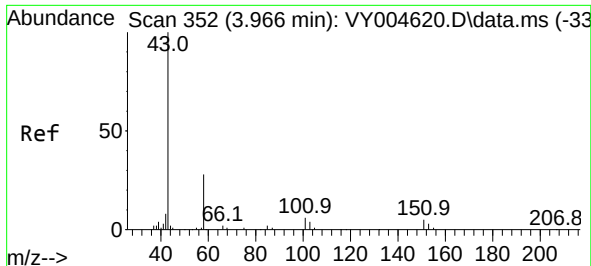


#11
Tert butyl alcohol
Concen: 5.42 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17



Tgt Ion: 59 Resp: 676
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

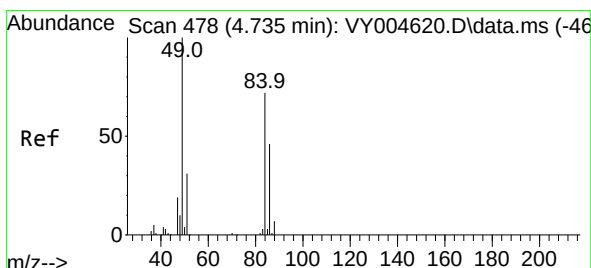
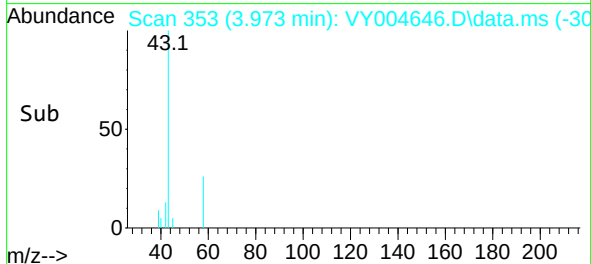
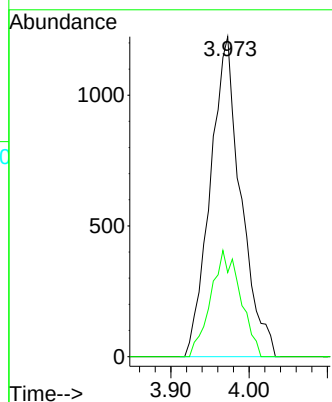
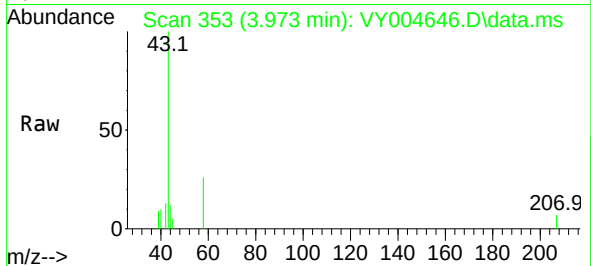




#16
Acetone
Concen: Below Cal
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17

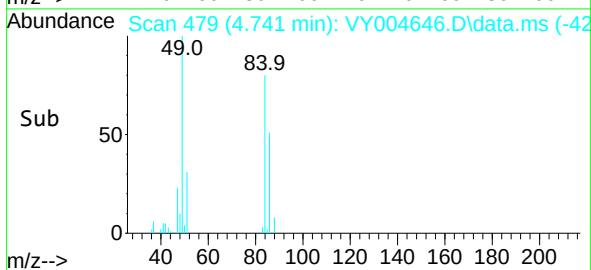
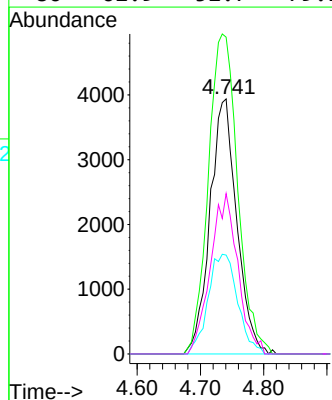
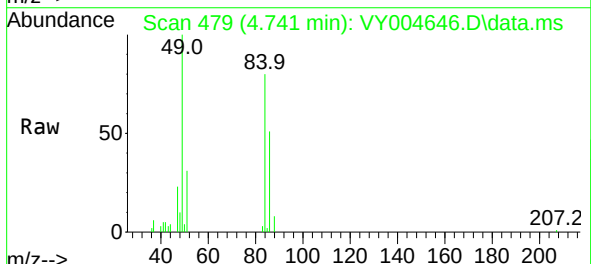
Instrument :
MSVOA_Y
ClientSampled :

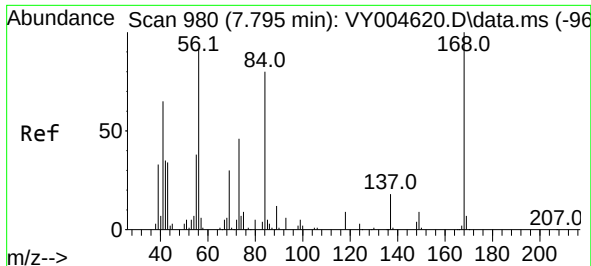
Tgt Ion: 43 Resp: 3317
Ion Ratio Lower Upper
43 100
58 26.3 24.6 37.0



#20
Methylene Chloride
Concen: 9.49 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17

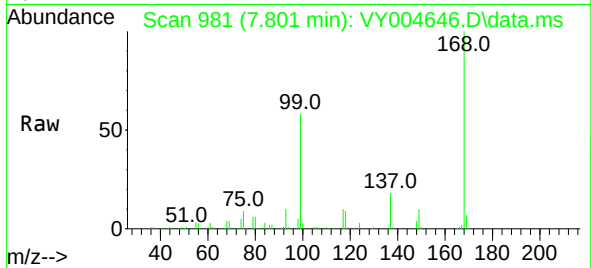
Tgt Ion: 84 Resp: 11597
Ion Ratio Lower Upper
84 100
49 124.3 111.2 166.8
51 38.8 33.4 50.2
86 62.9 52.7 79.1



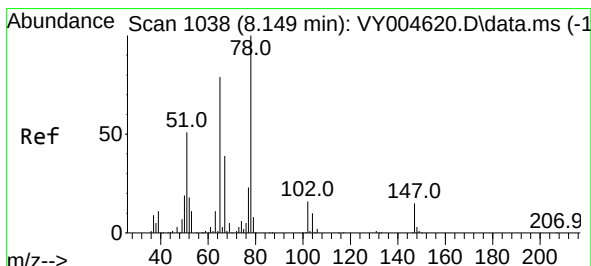
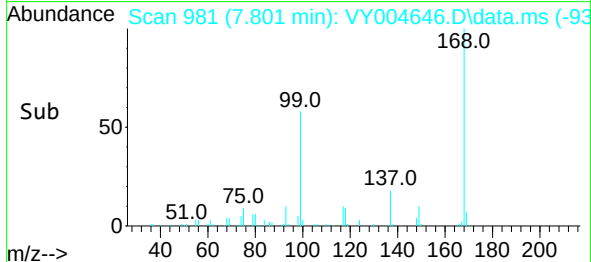
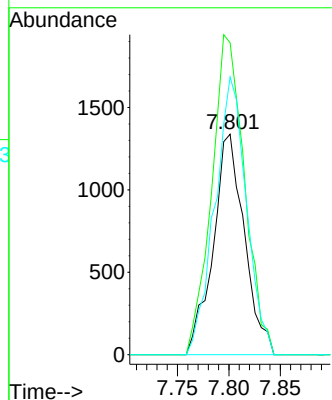


#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17

Instrument :
MSVOA_Y
ClientSampled :

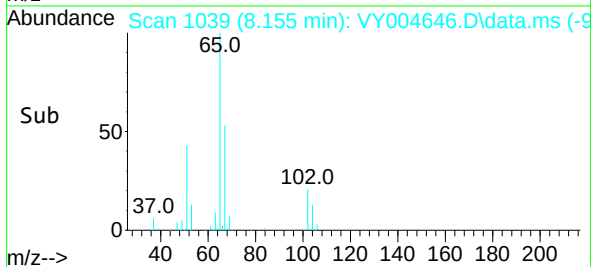
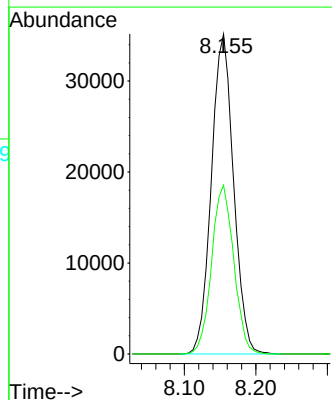
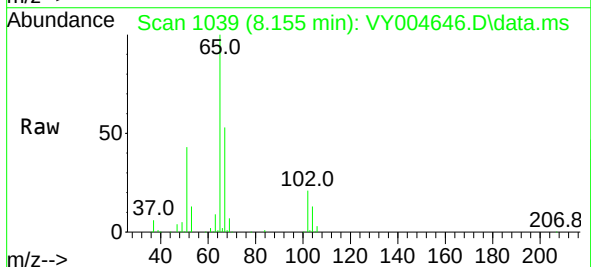


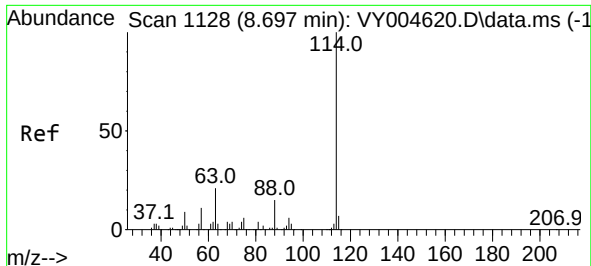
Tgt Ion: 56 Resp: 2827
Ion Ratio Lower Upper
56 100
69 141.5 25.8 38.6#
84 125.9 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 59.85 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17

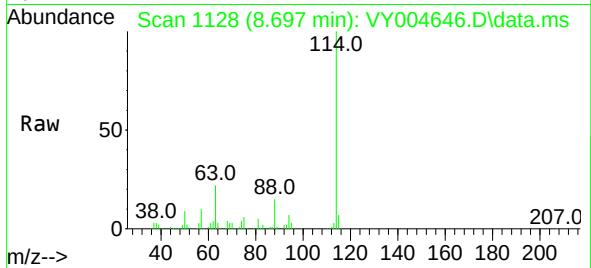
Tgt Ion: 65 Resp: 75737
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4



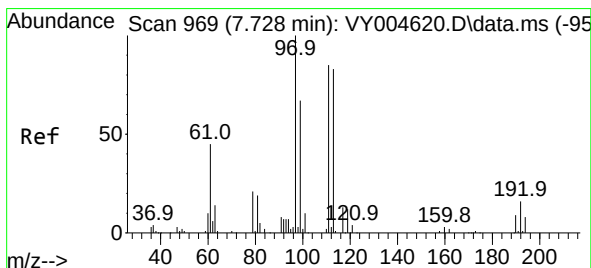
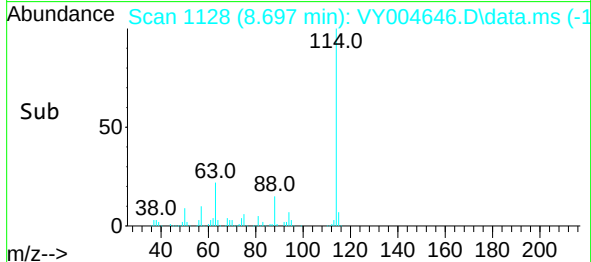
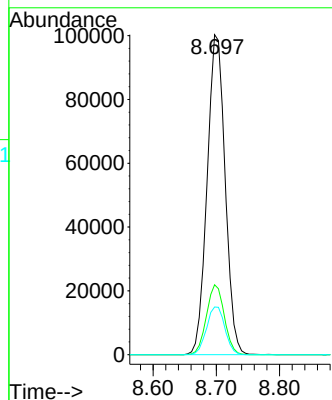


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17

Instrument :
MSVOA_Y
ClientSampleId :

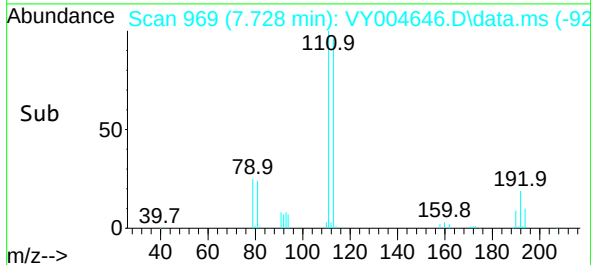
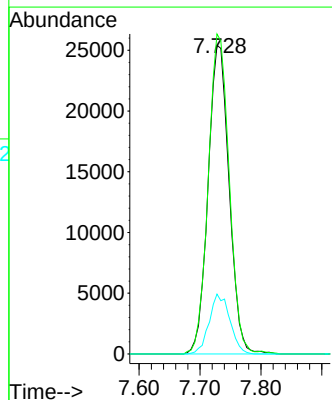
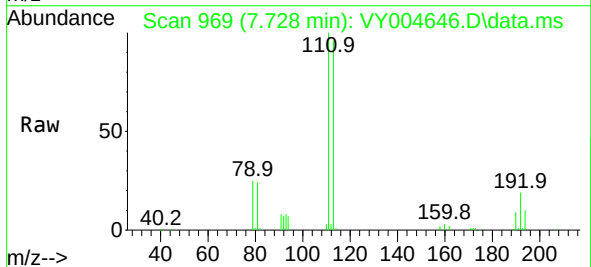


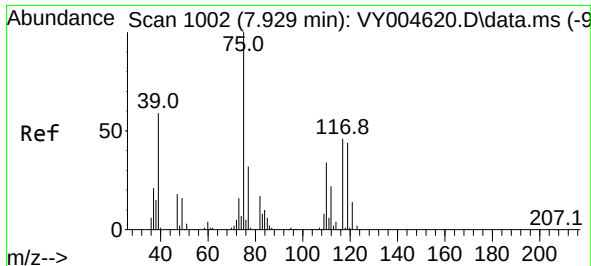
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	42.4
88	14.9	0.0	30.8



#35
Dibromofluoromethane
Concen: 55.41 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	19.0	16.1	24.1





#36

1,1-Dichloropropene

Concen: 5.02 ug/l

RT: 7.801 min Scan# 981

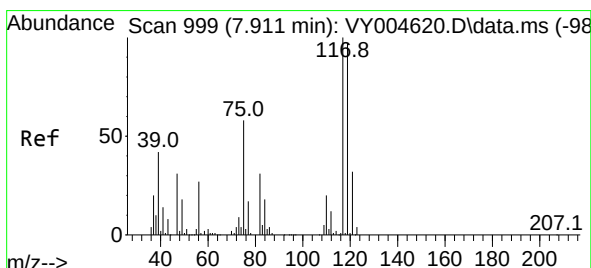
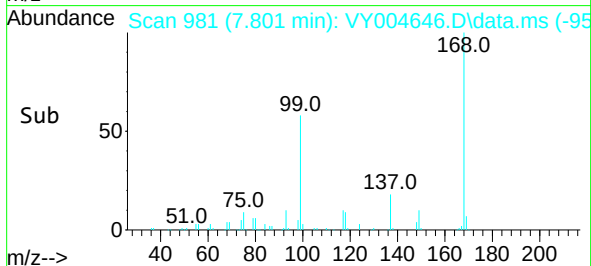
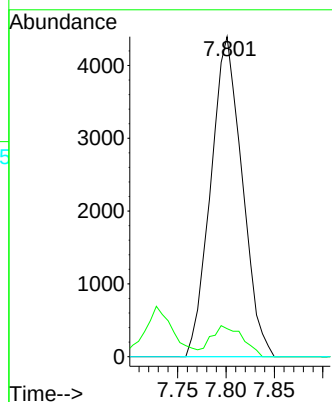
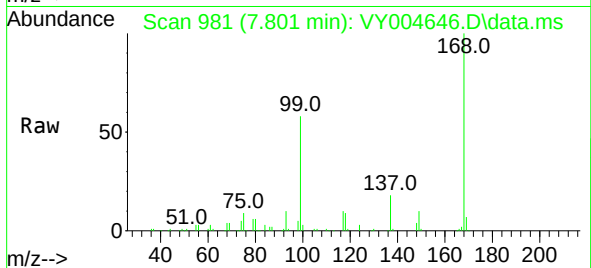
Delta R.T. -0.128 min

Lab File: VY004646.D

Acq: 27 Apr 2021 11:17

Tgt Ion: 75	Resp: 9904
Ion Ratio	Lower Upper
75 100	
110 9.8	17.3 51.7#
77 0.0	24.3 36.5#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.88 ug/l

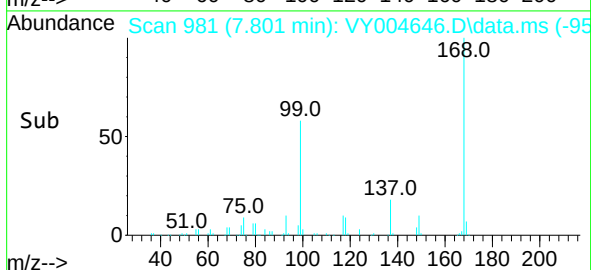
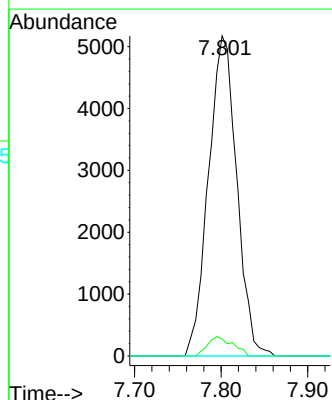
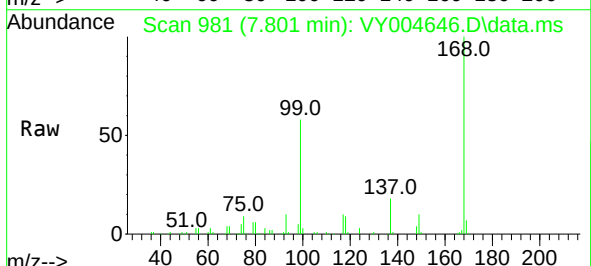
RT: 7.801 min Scan# 981

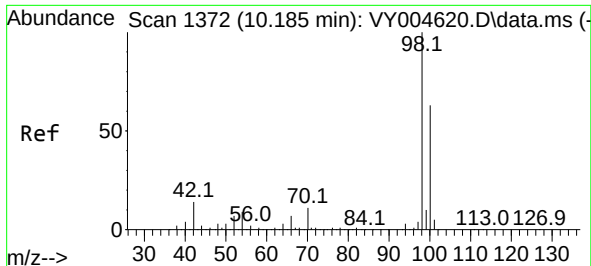
Delta R.T. -0.110 min

Lab File: VY004646.D

Acq: 27 Apr 2021 11:17

Tgt Ion: 117	Resp: 11732
Ion Ratio	Lower Upper
117 100	
119 5.2	75.8 113.8#
121 0.0	25.3 37.9#

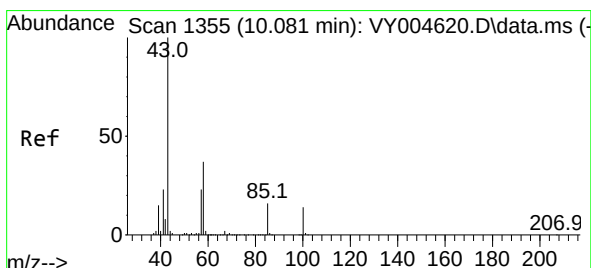
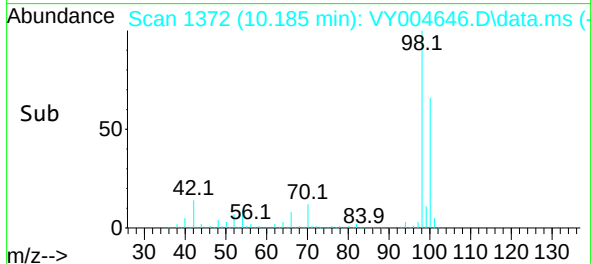
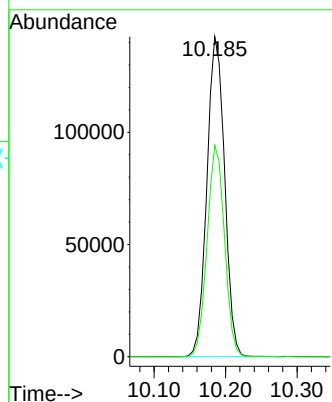
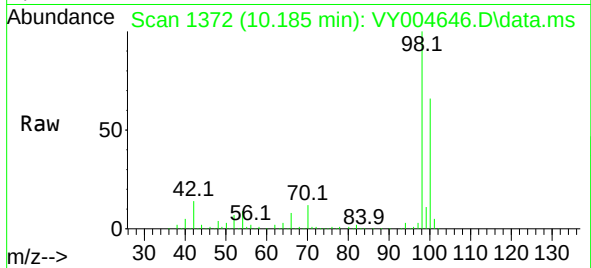




#50
Toluene-d8
Concen: 52.26 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17

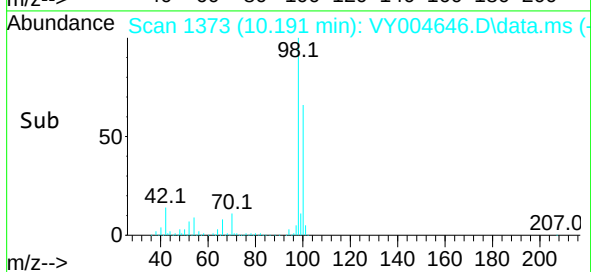
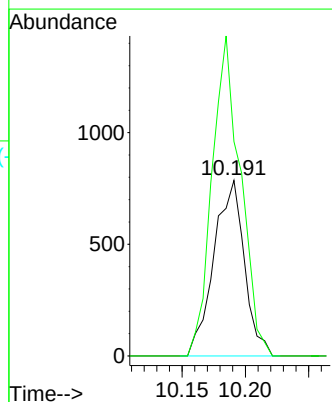
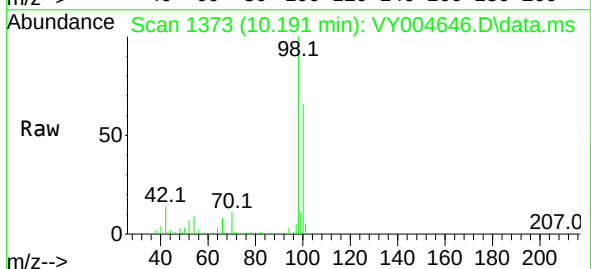
Instrument :
MSVOA_Y
ClientSampled :

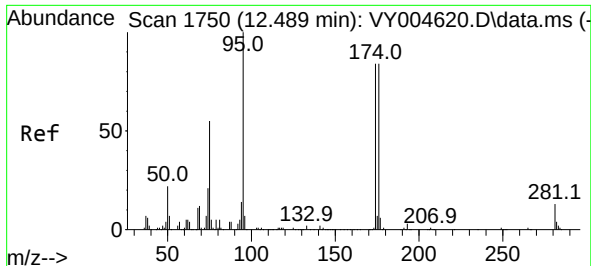
Tgt Ion: 98 Resp: 244842
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.07 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.116 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17

Tgt Ion: 43 Resp: 1318
Ion Ratio Lower Upper
43 100
58 170.2 29.2 43.8#

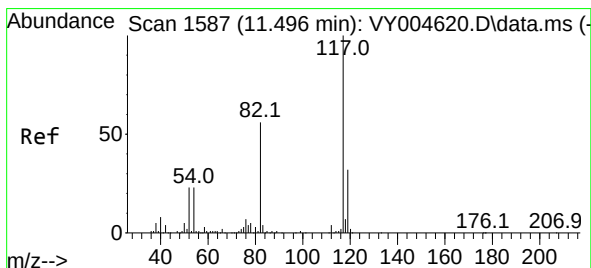
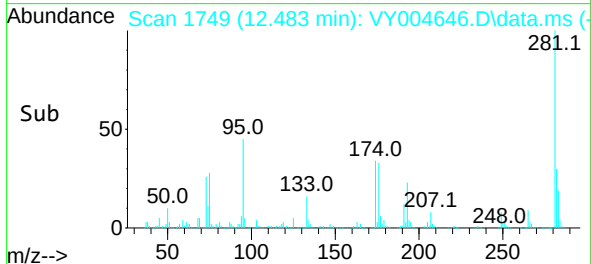
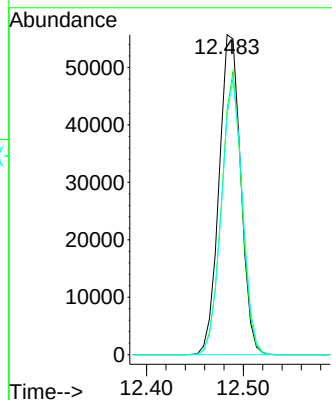
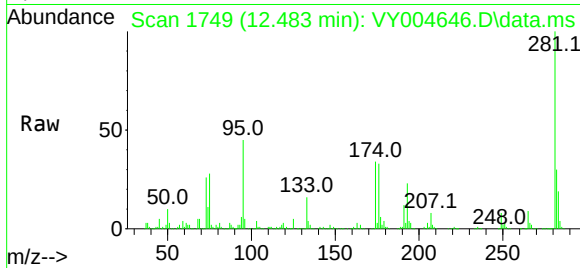




#62
4-Bromofluorobenzene
Concen: 54.39 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17

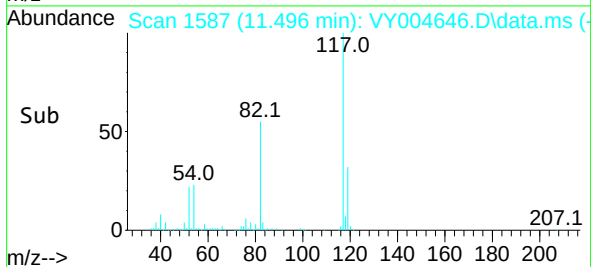
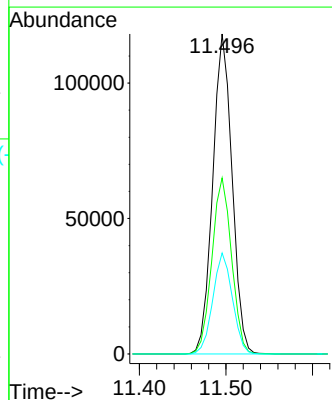
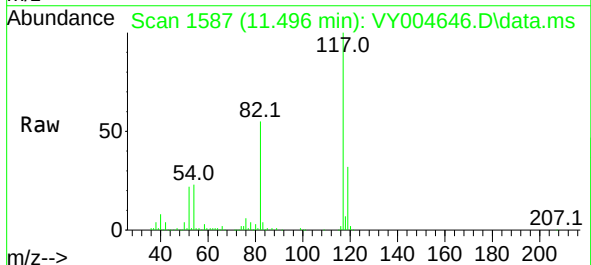
Instrument :
MSVOA_Y
ClientSampleId :

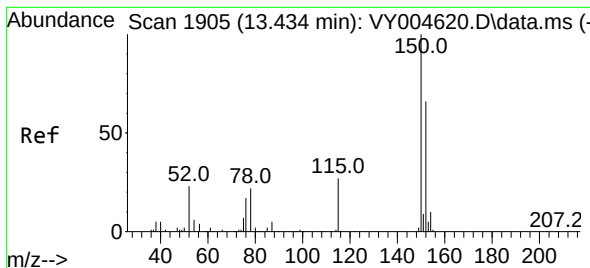
Tgt Ion: 95 Resp: 86477
Ion Ratio Lower Upper
95 100
174 83.4 0.0 162.4
176 83.7 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004646.D
Acq: 27 Apr 2021 11:17

Tgt Ion: 117 Resp: 183451
Ion Ratio Lower Upper
117 100
82 55.0 44.9 67.3
119 31.6 25.4 38.0

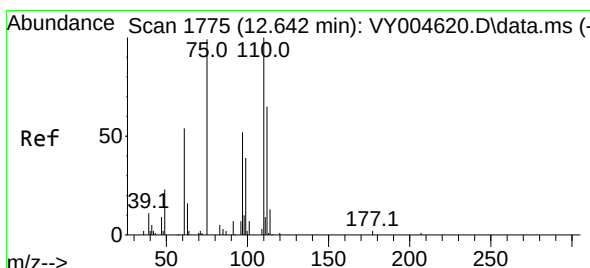
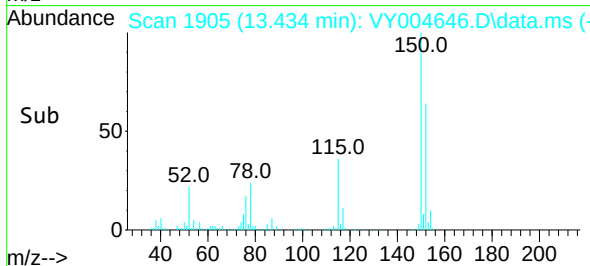
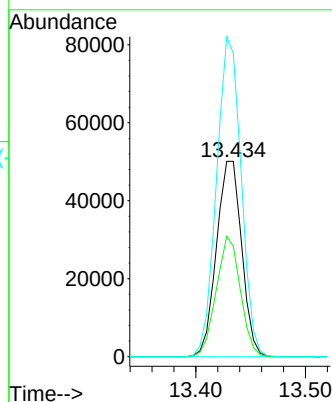
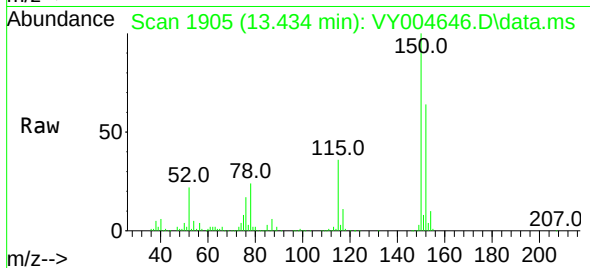




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY004646.D
 Acq: 27 Apr 2021 11:17

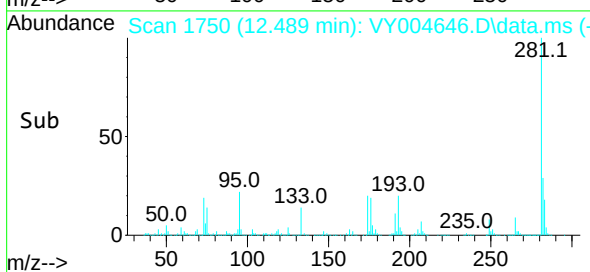
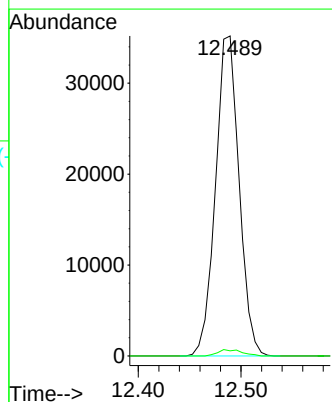
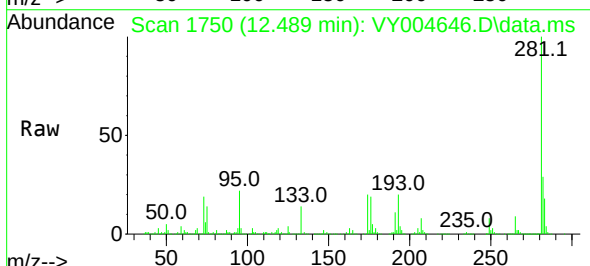
Instrument :
 MSVOA_Y
 ClientSampled :

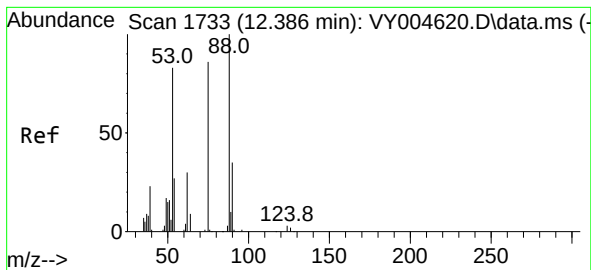
Tgt Ion:152 Resp: 80201
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.6 88.8
 150 159.6 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 65.06 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.146 min
 Lab File: VY004646.D
 Acq: 27 Apr 2021 11:17

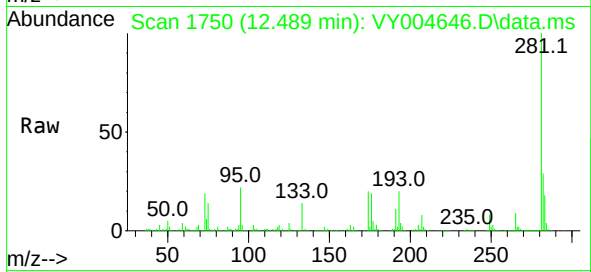
Tgt Ion: 75 Resp: 56007
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.40 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. 0.104 min
 Lab File: VY004646.D
 Acq: 27 Apr 2021 11:17

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 56007
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.0 112.6#
 89 5.9 36.1 54.1#

