

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042721\
 Data File : VY004648.D
 Acq On : 27 Apr 2021 12:04
 Operator : SY/MD
 Sample : M2187-02
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 28 10:02:40 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)

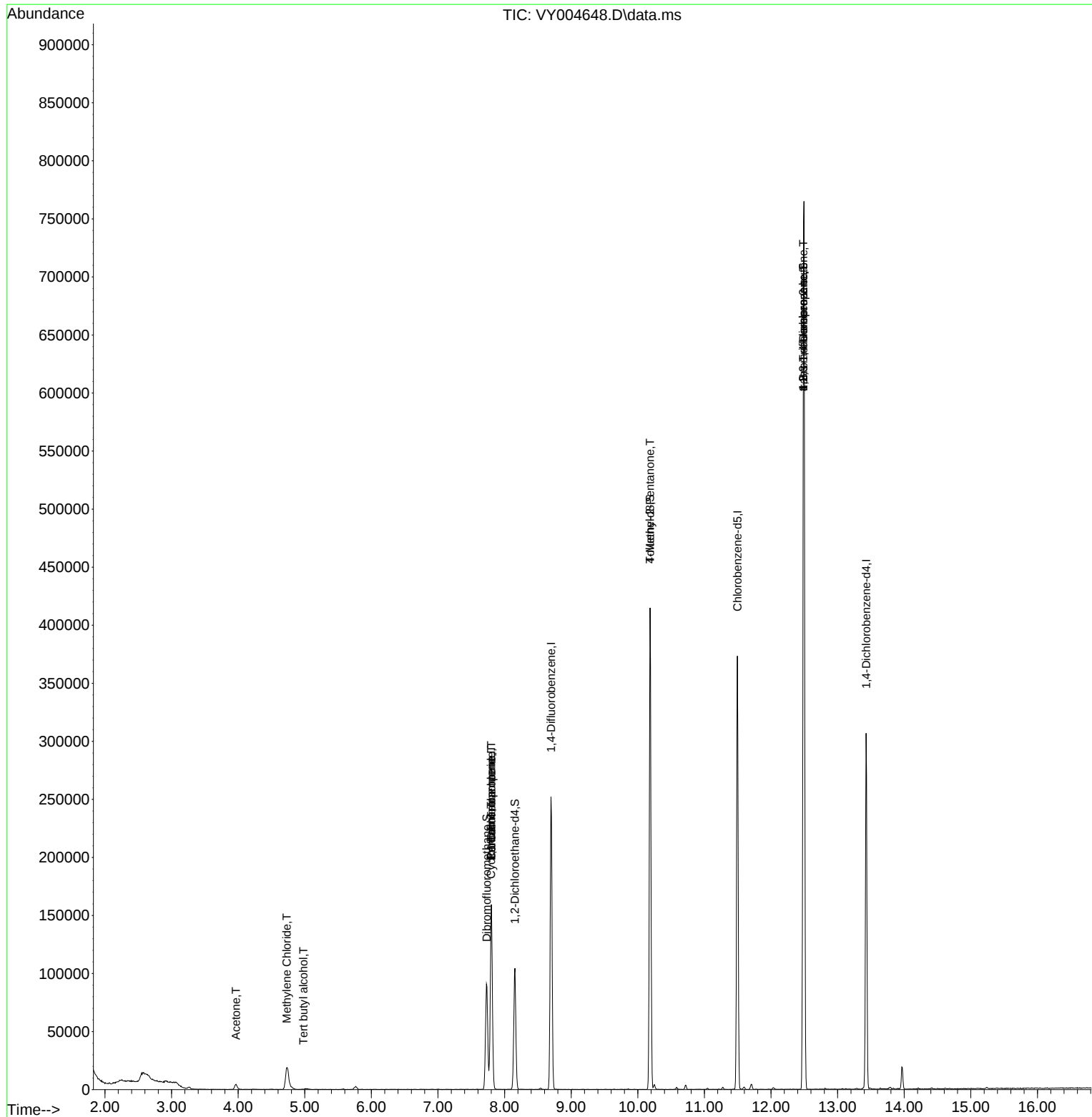
Internal Standards						
1) Pentafluorobenzene	7.801	168	114605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	202336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	186868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72159	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	79228	62.22	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.44%
35) Dibromofluoromethane	7.734	113	62163	55.36	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.72%
50) Toluene-d8	10.185	98	248827	52.10	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.20%
62) 4-Bromofluorobenzene	12.483	95	82434	50.86	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.72%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	433	3.45	ug/l #	73
16) Acetone	3.966	43	7998	11.22	ug/l	94
20) Methylene Chloride	4.729	84	14009	11.39	ug/l	94
31) Cyclohexane	7.795	56	3085	1.32	ug/l #	48
36) 1,1-Dichloropropene	7.801	75	9689	4.82	ug/l #	51
38) Carbon Tetrachloride	7.801	117	11491	6.61	ug/l #	19
51) 4-Methyl-2-Pentanone	10.185	43	1390	1.10	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	50170	64.78	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50170	115.89	ug/l #	14

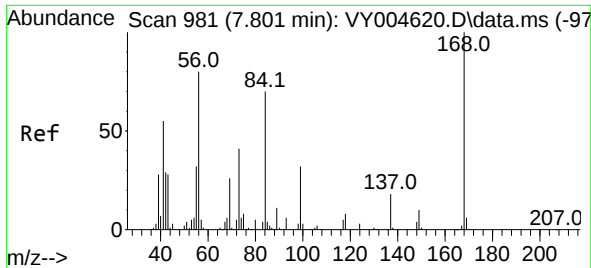
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042721\
Data File : VY004648.D
Acq On : 27 Apr 2021 12:04
Operator : SY/MD
Sample : M2187-02
Misc : 5.05G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 28 10:02:40 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

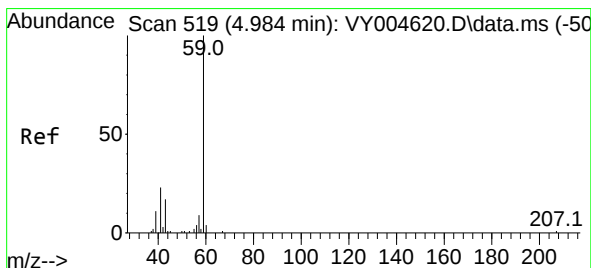
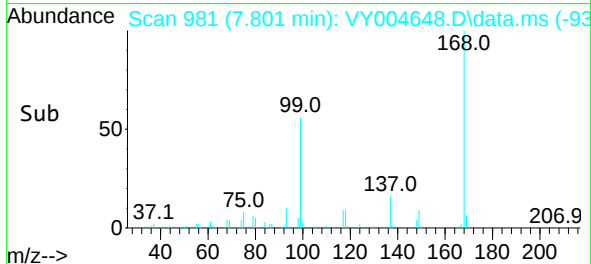
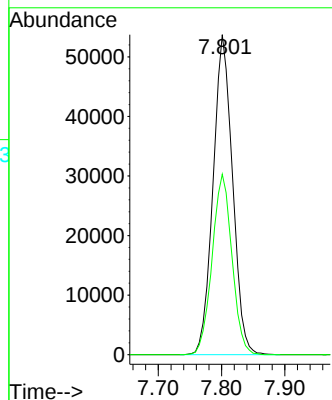
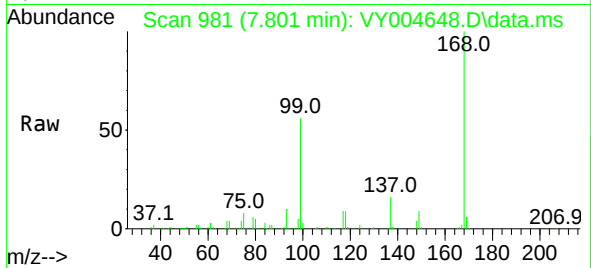




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004648.D
Acq: 27 Apr 2021 12:04

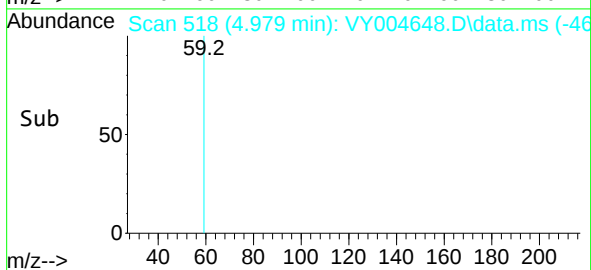
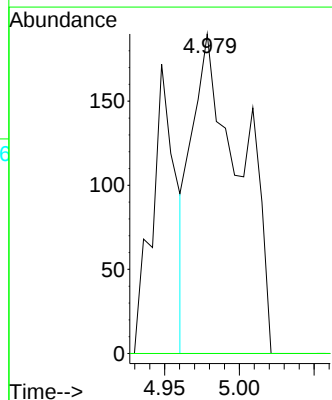
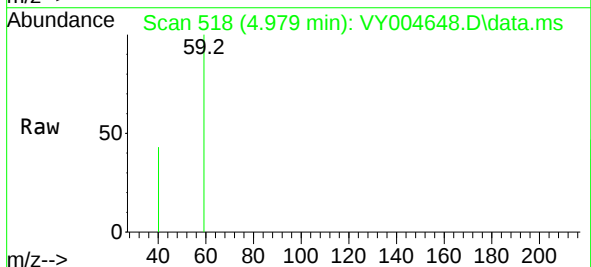
Instrument :
MSVOA_Y
ClientSampleId :

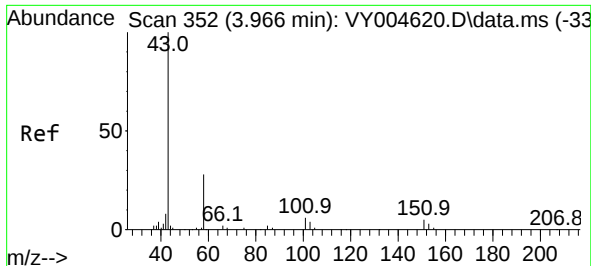
Tgt Ion:168 Resp: 114605
Ion Ratio Lower Upper
168 100
99 56.4 45.5 68.3



#11
Tert butyl alcohol
Concen: 3.45 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004648.D
Acq: 27 Apr 2021 12:04

Tgt Ion: 59 Resp: 433
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

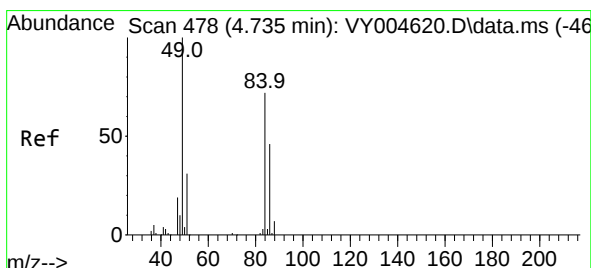
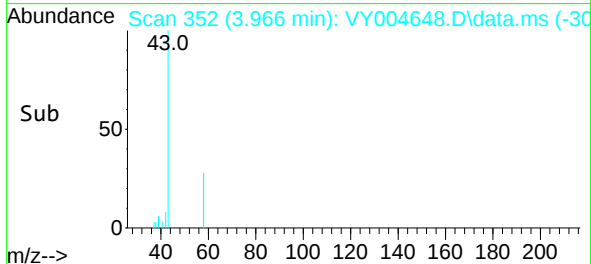
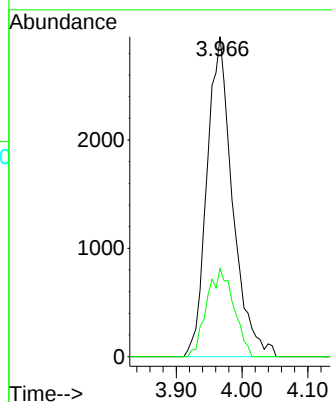
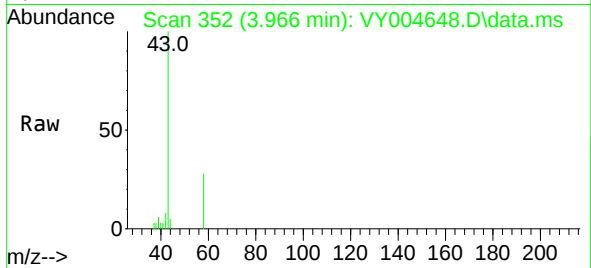




#16
Acetone
Concen: 11.22 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004648.D
Acq: 27 Apr 2021 12:04

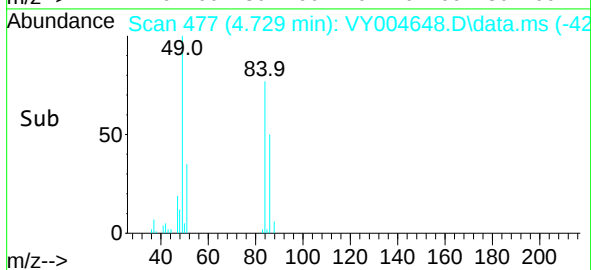
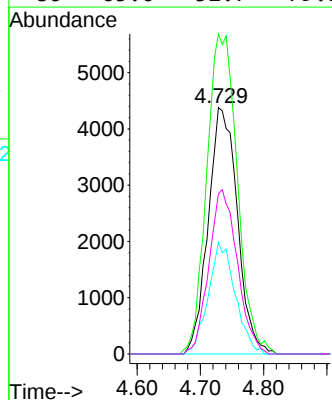
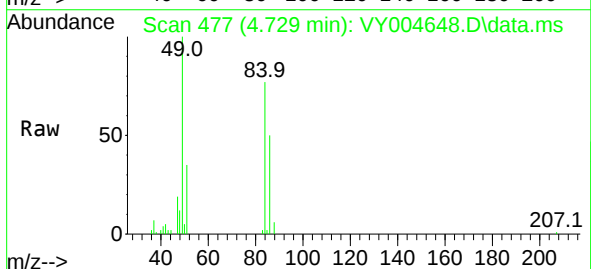
Instrument :
MSVOA_Y
ClientSampled :

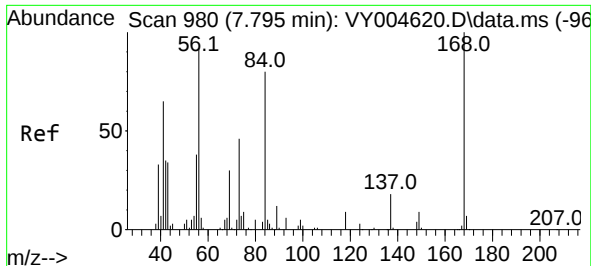
Tgt Ion: 43 Resp: 7998
Ion Ratio Lower Upper
43 100
58 27.5 24.6 37.0



#20
Methylene Chloride
Concen: 11.39 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004648.D
Acq: 27 Apr 2021 12:04

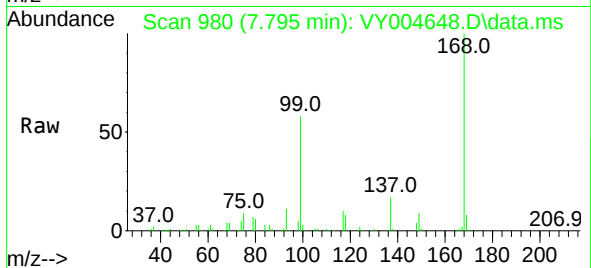
Tgt Ion: 84 Resp: 14009
Ion Ratio Lower Upper
84 100
49 129.9 111.2 166.8
51 45.4 33.4 50.2
86 65.0 52.7 79.1



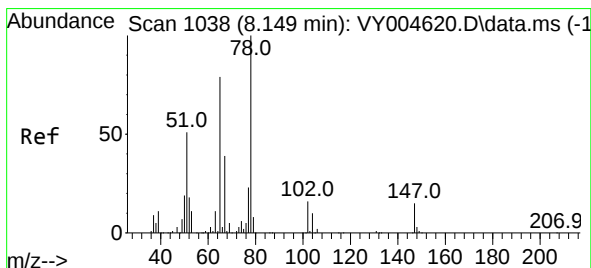
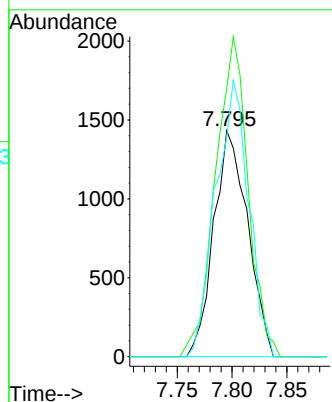
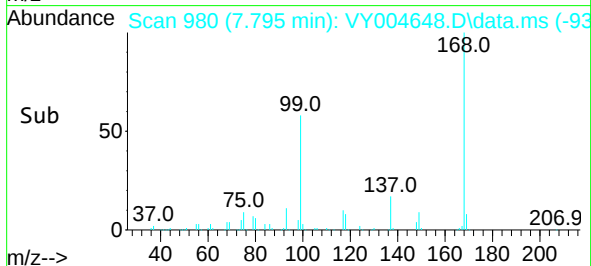


#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004648.D
Acq: 27 Apr 2021 12:04

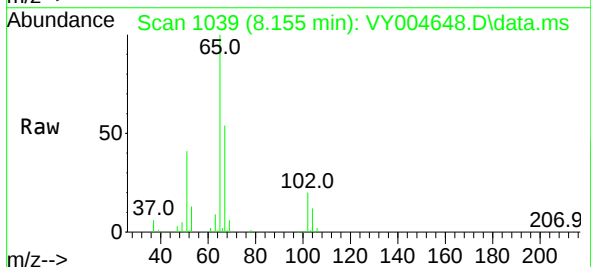
Instrument :
MSVOA_Y
ClientSampled :



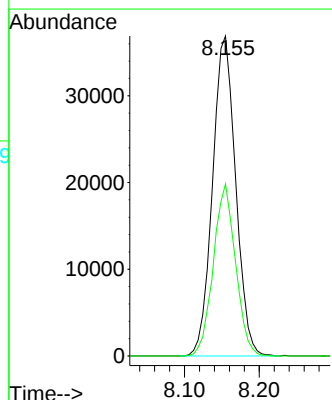
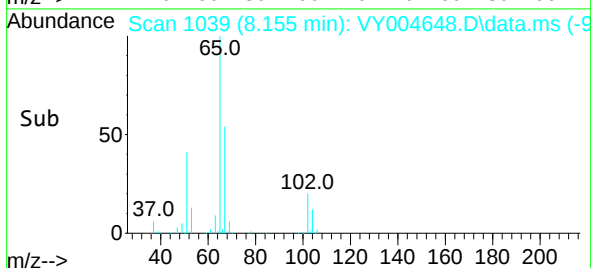
Tgt Ion: 56 Resp: 3085
Ion Ratio Lower Upper
56 100
69 118.6 25.8 38.6#
84 97.2 68.2 102.4

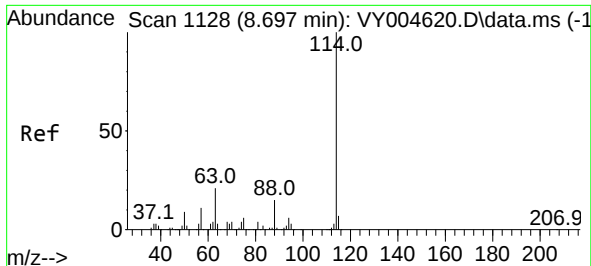


#33
1,2-Dichloroethane-d4
Concen: 62.22 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004648.D
Acq: 27 Apr 2021 12:04



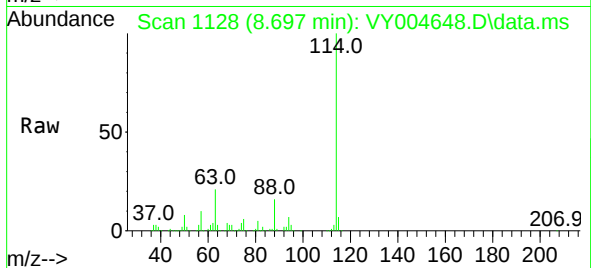
Tgt Ion: 65 Resp: 79228
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.4



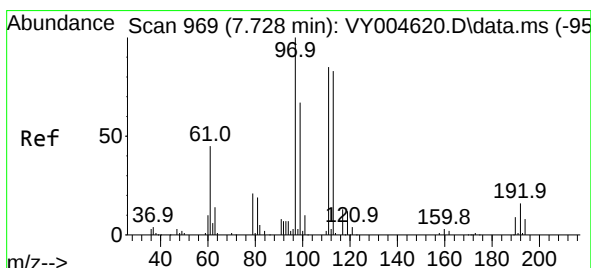
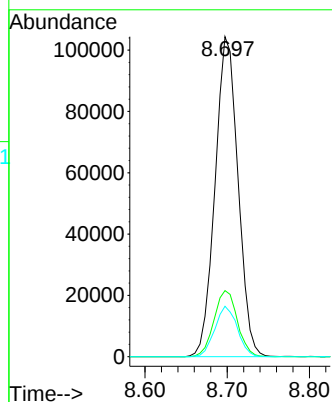
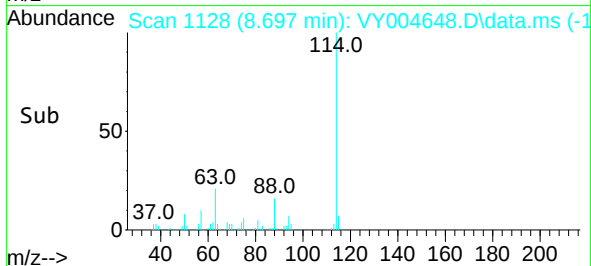


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004648.D
Acq: 27 Apr 2021 12:04

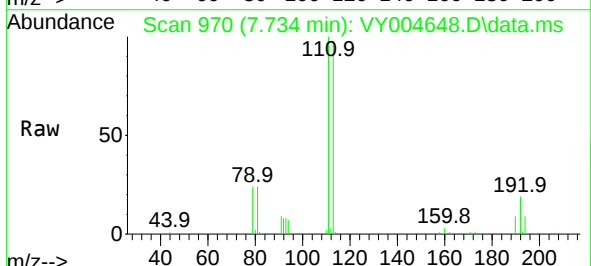
Instrument :
MSVOA_Y
ClientSampleId :



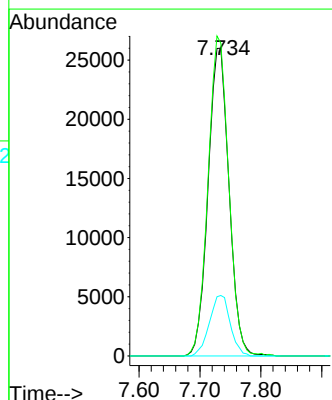
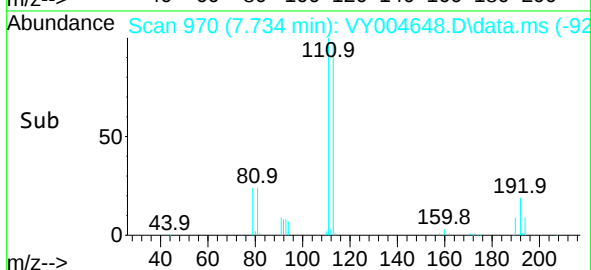
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.4
88	15.7	0.0	30.8

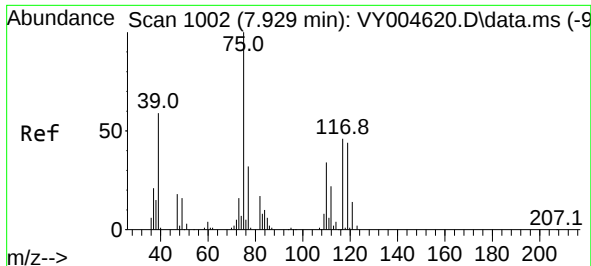


#35
Dibromofluoromethane
Concen: 55.36 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004648.D
Acq: 27 Apr 2021 12:04



Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	19.6	16.1	24.1





#36

1,1-Dichloropropene

Concen: 4.82 ug/l

RT: 7.801 min Scan# 981

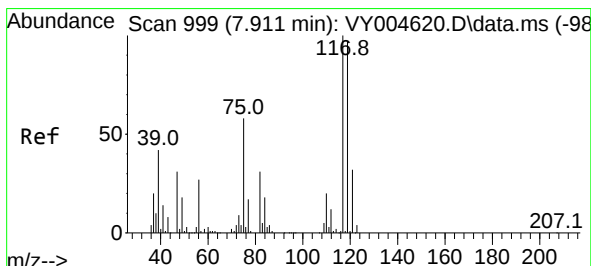
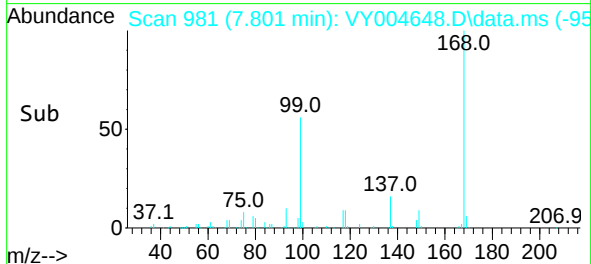
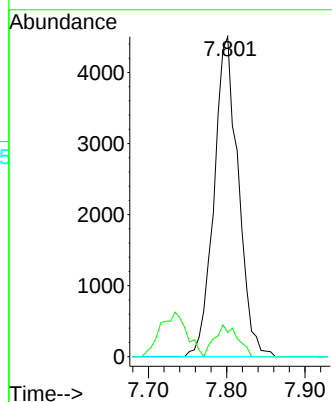
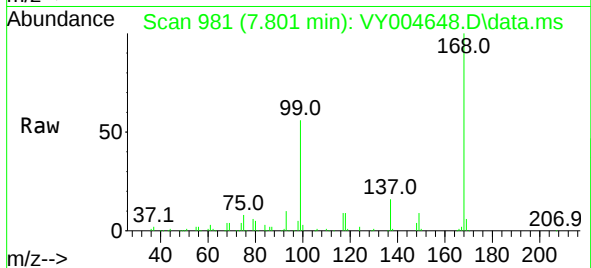
Delta R.T. -0.128 min

Lab File: VY004648.D

Acq: 27 Apr 2021 12:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75	Resp: 9689
Ion Ratio	Lower Upper
75 100	
110 9.4	17.3 51.7#
77 0.0	24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.61 ug/l

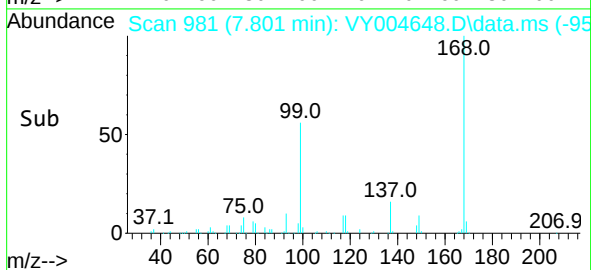
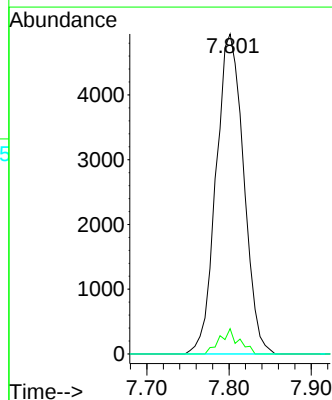
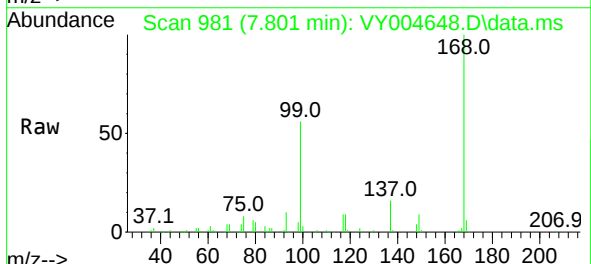
RT: 7.801 min Scan# 981

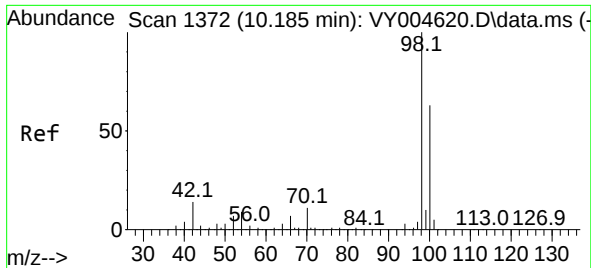
Delta R.T. -0.109 min

Lab File: VY004648.D

Acq: 27 Apr 2021 12:04

Tgt Ion: 117	Resp: 11491
Ion Ratio	Lower Upper
117 100	
119 7.9	75.8 113.8#
121 0.0	25.3 37.9#

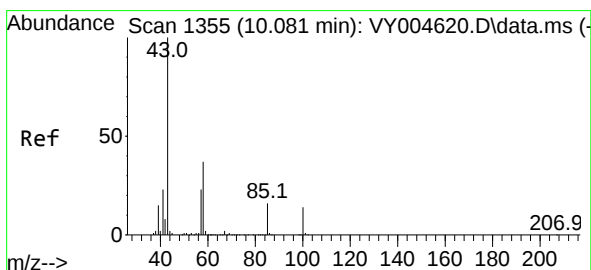
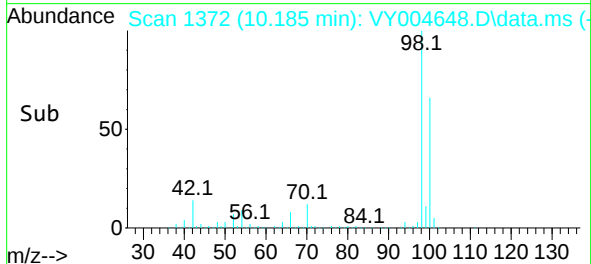
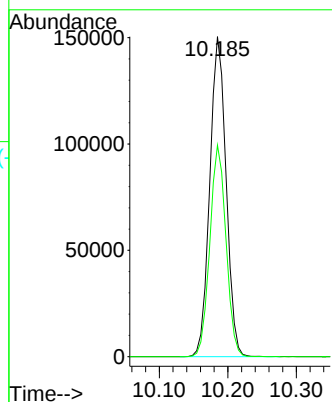
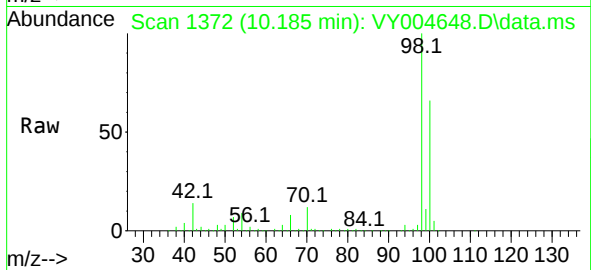




#50
Toluene-d8
Concen: 52.10 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004648.D
Acq: 27 Apr 2021 12:04

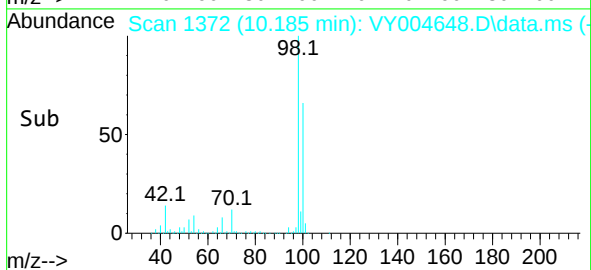
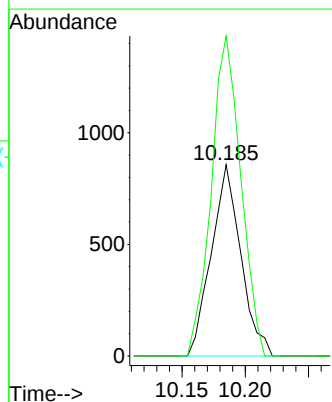
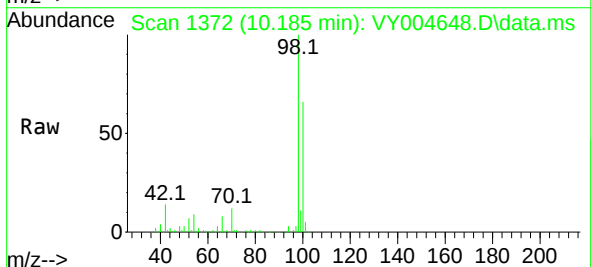
Instrument :
MSVOA_Y
ClientSampled :

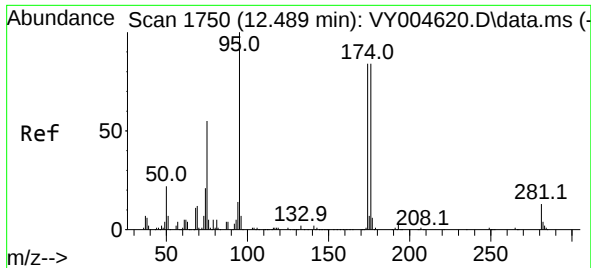
Tgt Ion: 98 Resp: 248827
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.10 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004648.D
Acq: 27 Apr 2021 12:04

Tgt Ion: 43 Resp: 1390
Ion Ratio Lower Upper
43 100
58 167.4 29.2 43.8#

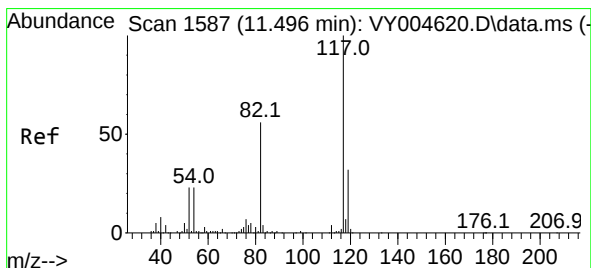
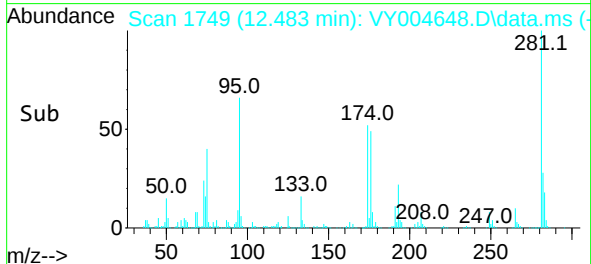
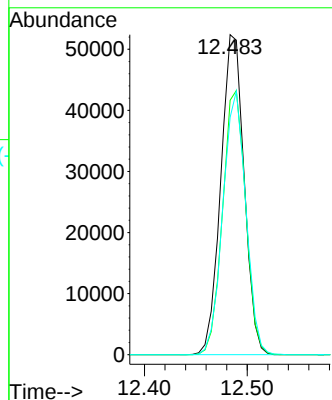
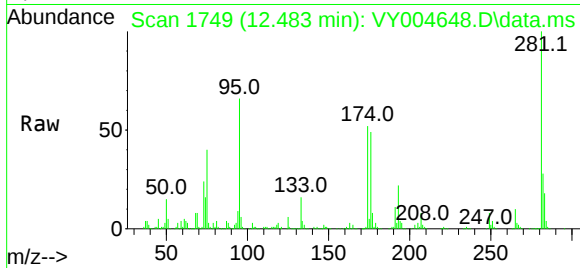




#62
4-Bromofluorobenzene
Concen: 50.86 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004648.D
Acq: 27 Apr 2021 12:04

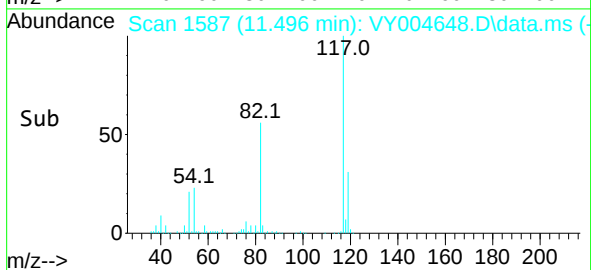
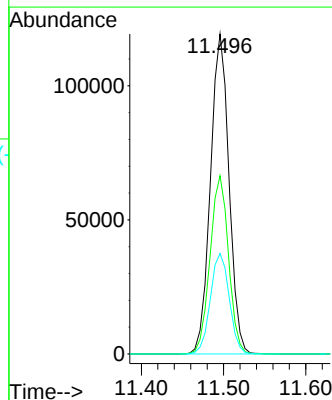
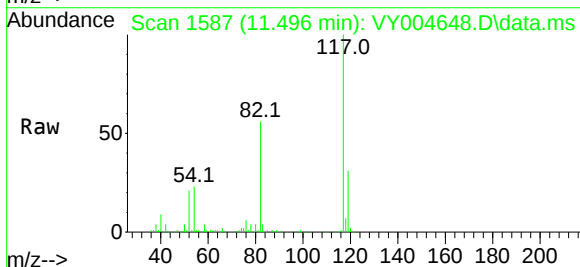
Instrument :
MSVOA_Y
ClientSampleId :

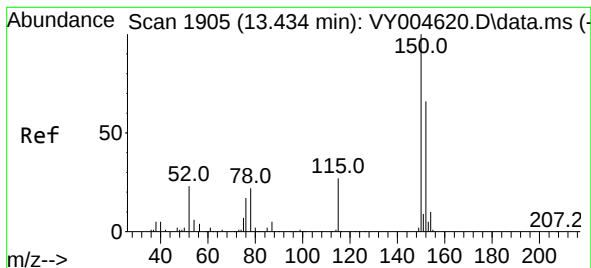
Tgt Ion: 95 Resp: 82434
Ion Ratio Lower Upper
95 100
174 81.5 0.0 162.4
176 81.2 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004648.D
Acq: 27 Apr 2021 12:04

Tgt Ion: 117 Resp: 186868
Ion Ratio Lower Upper
117 100
82 55.7 44.9 67.3
119 31.4 25.4 38.0

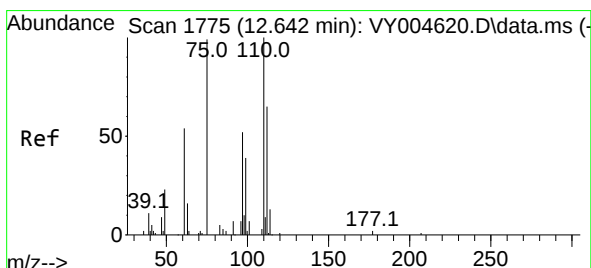
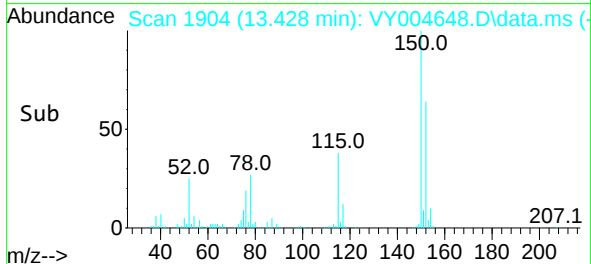
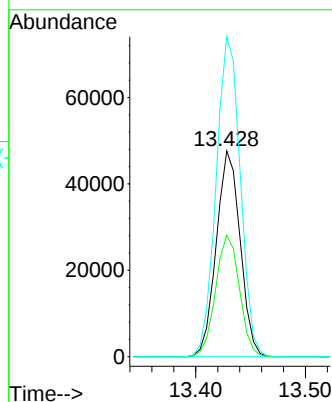
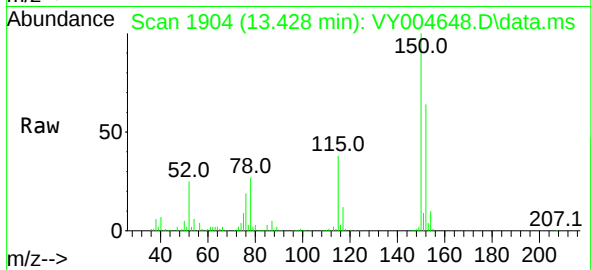




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004648.D
Acq: 27 Apr 2021 12:04

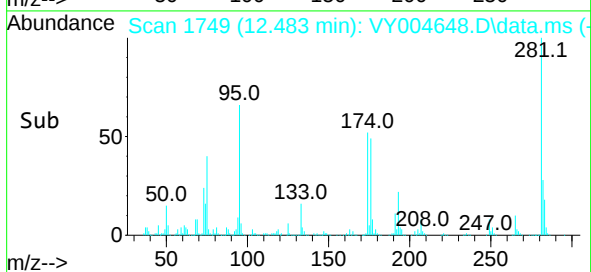
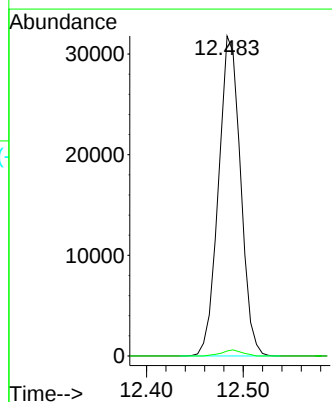
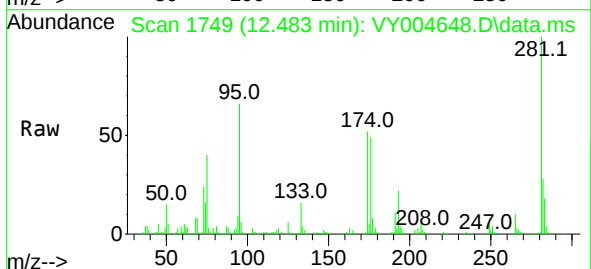
Instrument :
MSVOA_Y
ClientSampled :

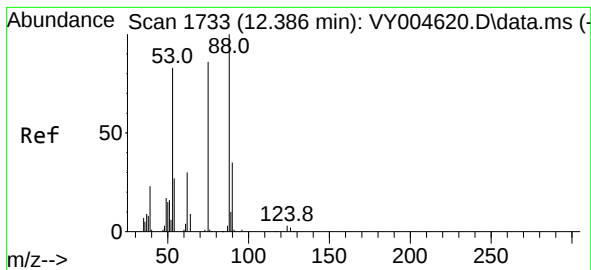
Tgt Ion:152 Resp: 72159
Ion Ratio Lower Upper
152 100
115 58.9 29.6 88.8
150 157.4 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 64.78 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004648.D
Acq: 27 Apr 2021 12:04

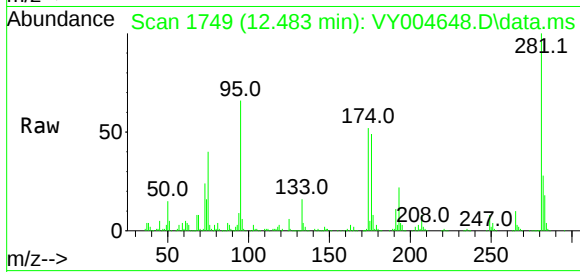
Tgt Ion: 75 Resp: 50170
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.89 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004648.D
 Acq: 27 Apr 2021 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 50170
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 3.6 36.1 54.1#

