

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051421\
 Data File : VY004788.D
 Acq On : 14 May 2021 17:18
 Operator : SY/MD
 Sample : M2387-01
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 15 04:00:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

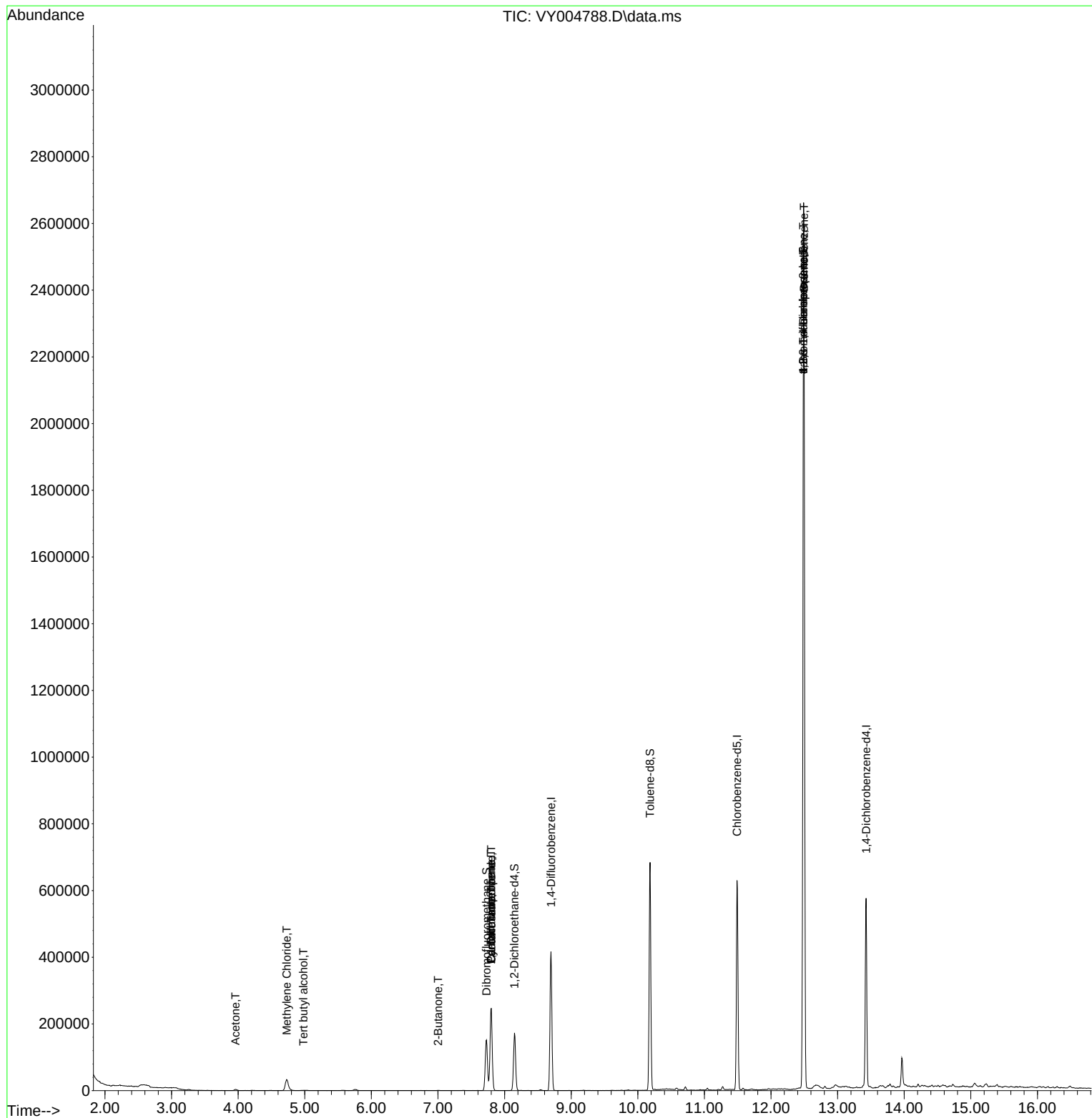
Internal Standards						
1) Pentafluorobenzene	7.801	168	185443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	340120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	325113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138161	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	133690	60.57	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.14%
35) Dibromofluoromethane	7.728	113	105236	56.52	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.04%
50) Toluene-d8	10.185	98	424443	50.46	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.92%
62) 4-Bromofluorobenzene	12.483	95	159968	56.35	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.70%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	1071	4.83	ug/l #	71
16) Acetone	3.960	43	6289	12.68	ug/l	95
20) Methylene Chloride	4.729	84	23265	1.92	ug/l	98
25) 2-Butanone	7.003	43	1079	1.22	ug/l #	80
31) Cyclohexane	7.801	56	4923	1.38	ug/l #	27
36) 1,1-Dichloropropene	7.795	75	15786	4.53	ug/l #	51
38) Carbon Tetrachloride	7.801	117	18759	5.99	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	108146	73.70	ug/l #	100
77) Bromobenzene	12.495	156	4289	1.82	ug/l #	9
81) trans-1,4-Dichloro-2-b...	12.483	75	108146	127.78	ug/l #	16

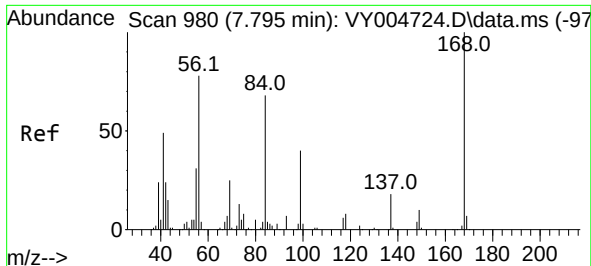
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
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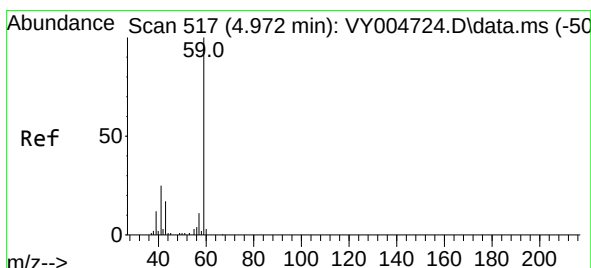
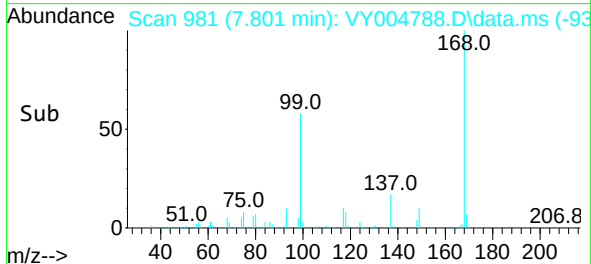
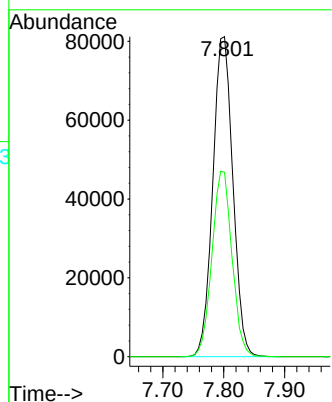
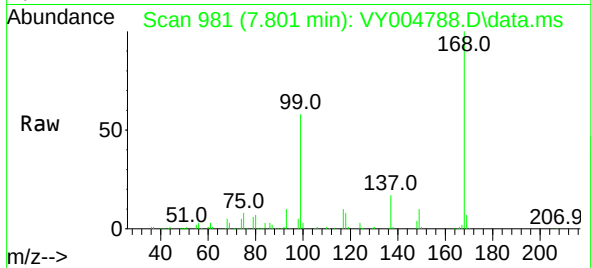




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004788.D
Acq: 14 May 2021 17:18

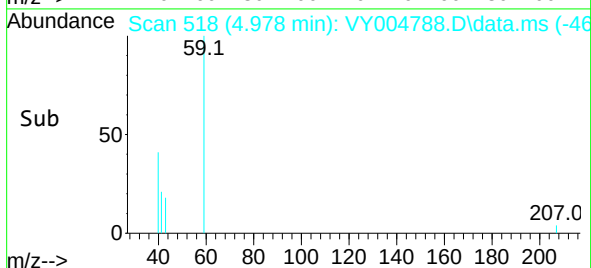
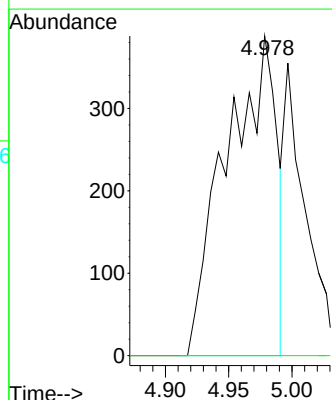
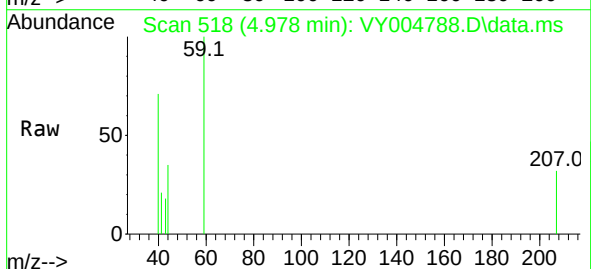
Instrument :
MSVOA_Y
ClientSampled :

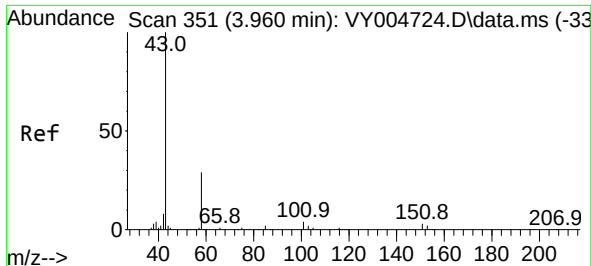
Tgt Ion:168 Resp: 185443
Ion Ratio Lower Upper
168 100
99 57.7 45.6 68.4



#11
Tert butyl alcohol
Concen: 4.83 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY004788.D
Acq: 14 May 2021 17:18

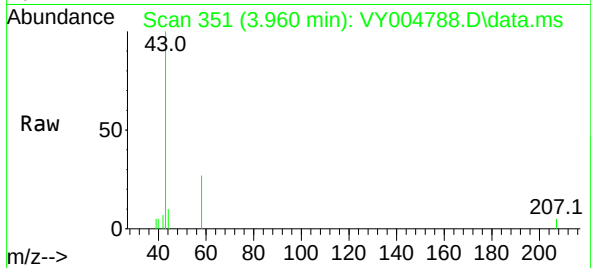
Tgt Ion: 59 Resp: 1071
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



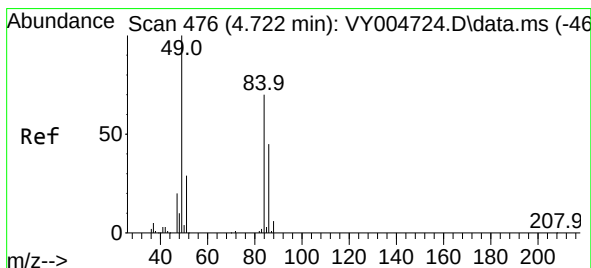
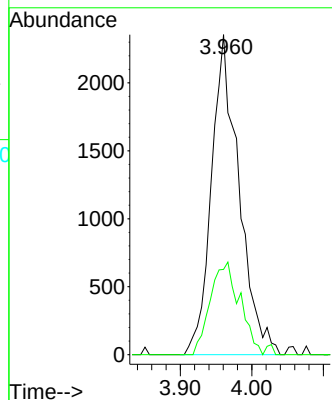
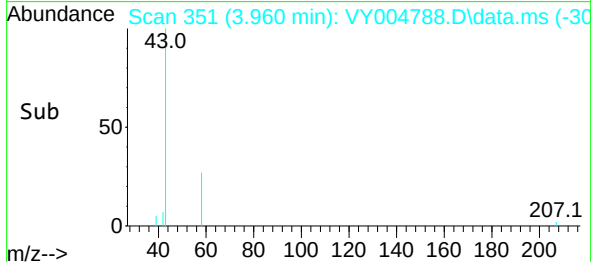


#16
Acetone
Concen: 12.68 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004788.D
Acq: 14 May 2021 17:18

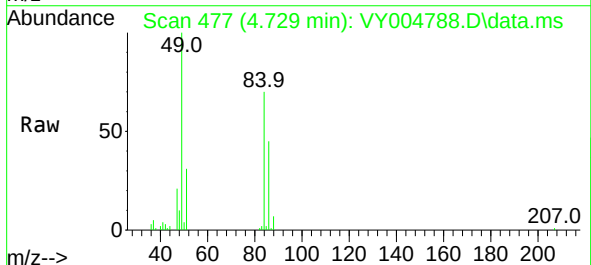
Instrument :
MSVOA_Y
ClientSampled :



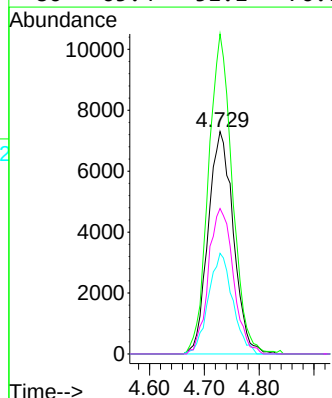
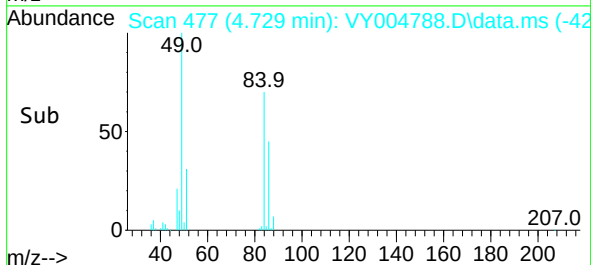
Tgt Ion: 43 Resp: 6289
Ion Ratio Lower Upper
43 100
58 26.6 23.6 35.4

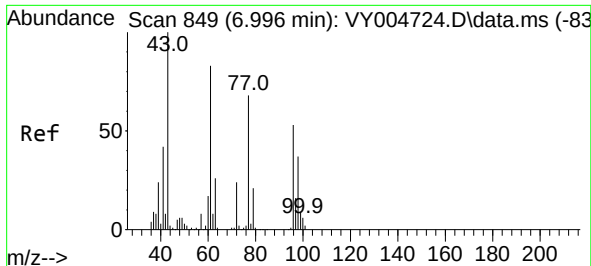


#20
Methylene Chloride
Concen: 1.92 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY004788.D
Acq: 14 May 2021 17:18



Tgt Ion: 84 Resp: 23265
Ion Ratio Lower Upper
84 100
49 143.8 113.8 170.8
51 45.2 33.5 50.3
86 65.4 51.1 76.7

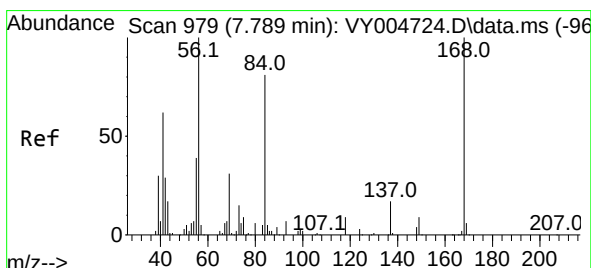
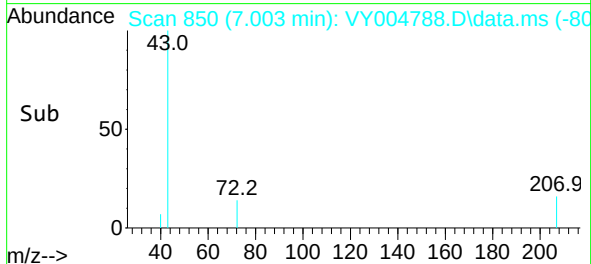
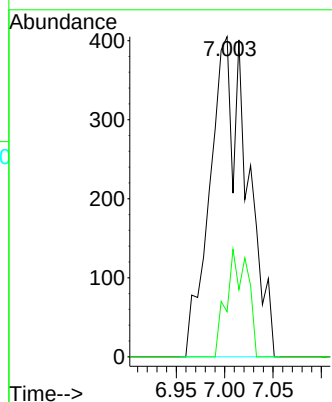
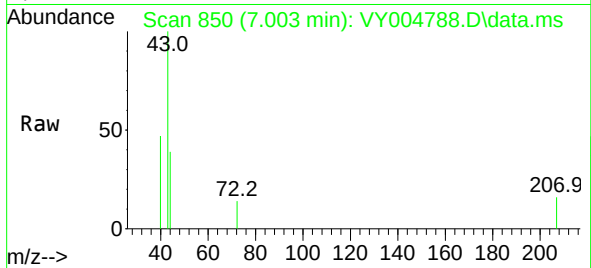




#25
2-Butanone
Concen: 1.22 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY004788.D
Acq: 14 May 2021 17:18

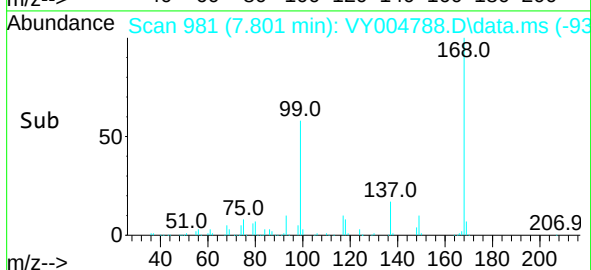
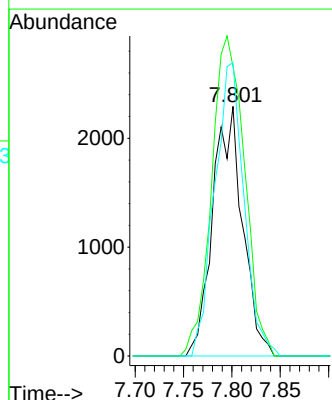
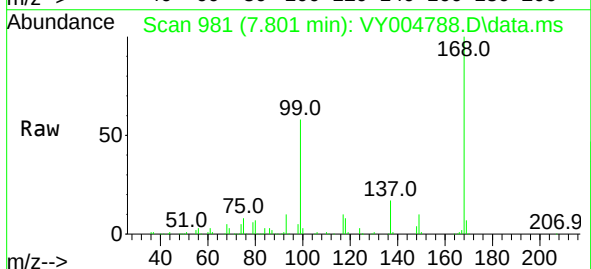
Instrument :
MSVOA_Y
ClientSampled :

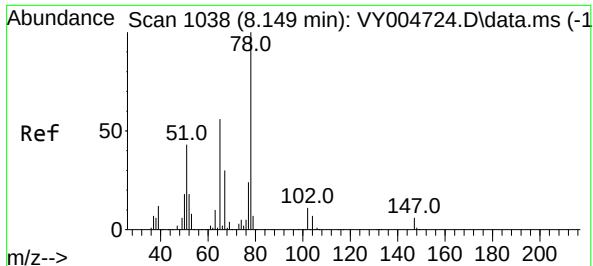
Tgt Ion: 43 Resp: 1079
Ion Ratio Lower Upper
43 100
72 14.1 19.4 29.0#



#31
Cyclohexane
Concen: 1.38 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004788.D
Acq: 14 May 2021 17:18

Tgt Ion: 56 Resp: 4923
Ion Ratio Lower Upper
56 100
69 115.9 24.4 36.6#
84 117.5 64.8 97.2#





#33

1,2-Dichloroethane-d4

Concen: 60.57 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY004788.D

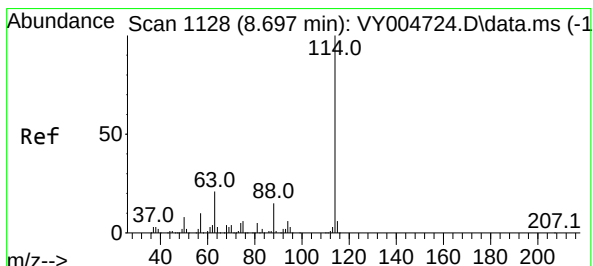
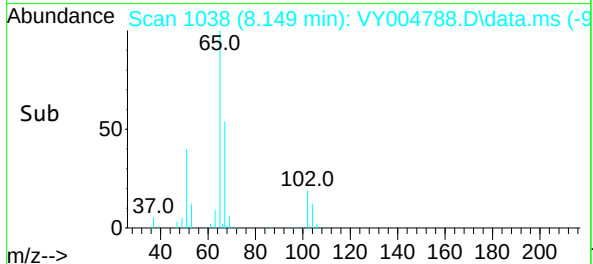
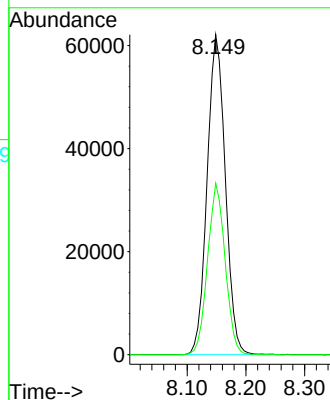
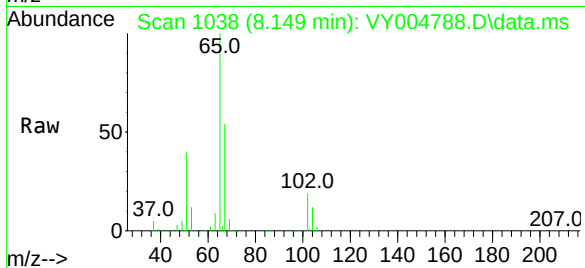
Acq: 14 May 2021 17:18

Tgt Ion: 65 Resp: 133690

Ion Ratio Lower Upper

65 100

67 51.8 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY004788.D

Acq: 14 May 2021 17:18

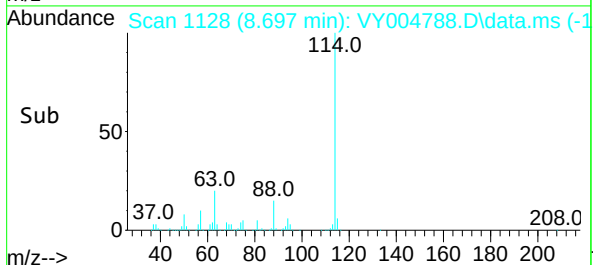
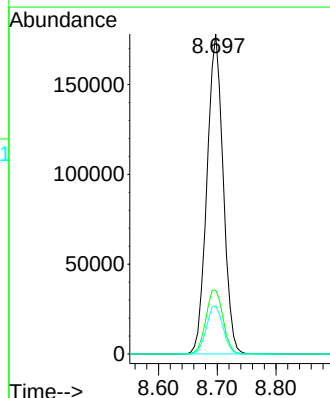
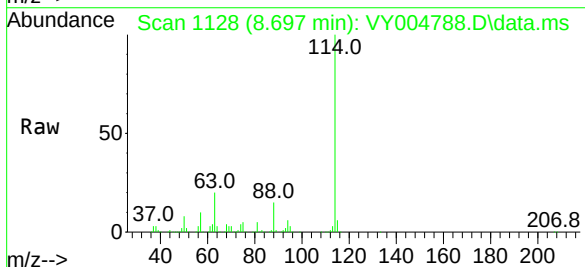
Tgt Ion: 114 Resp: 340120

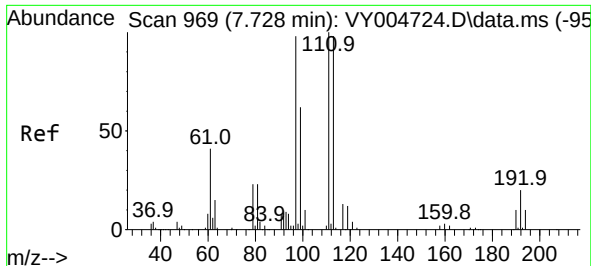
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 15.1 0.0 31.0

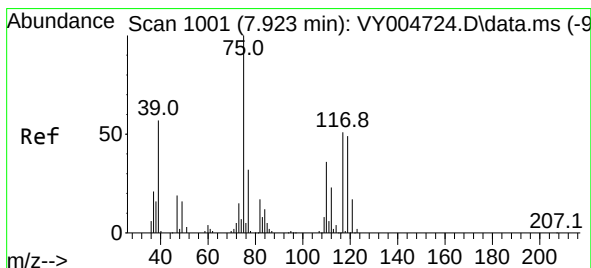
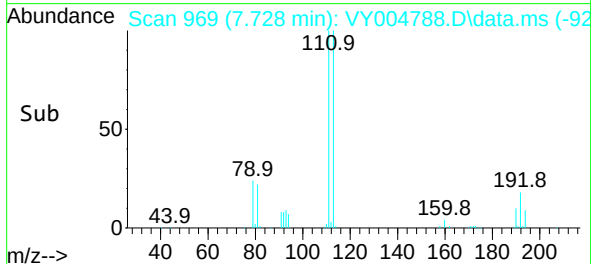
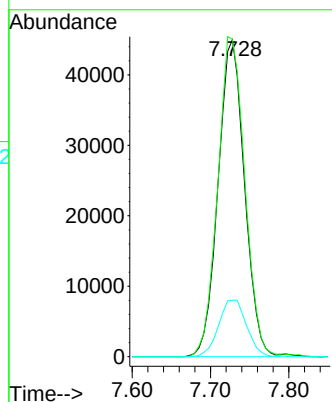
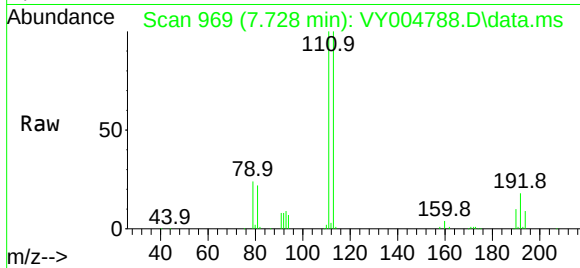




#35
Dibromofluoromethane
Concen: 56.52 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004788.D
Acq: 14 May 2021 17:18

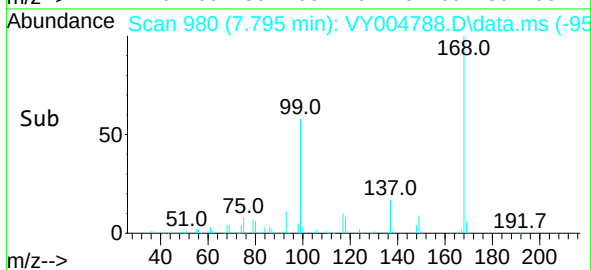
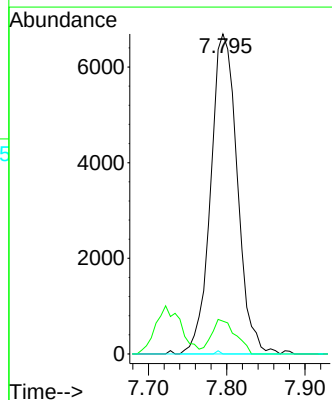
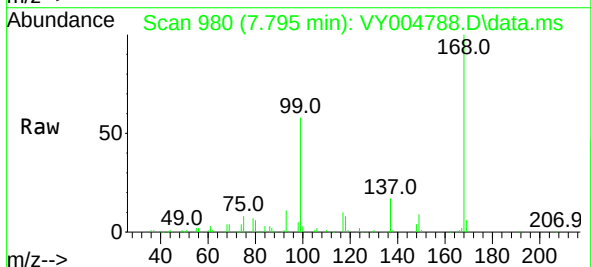
Instrument :
MSVOA_Y
ClientSampleId :

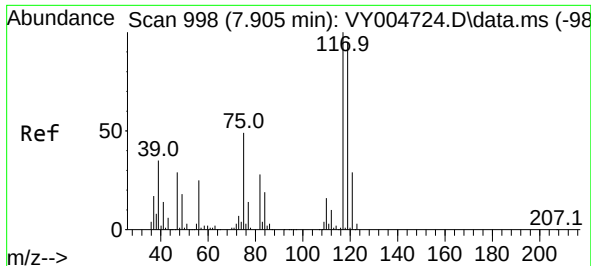
Tgt Ion:113 Resp: 105236
Ion Ratio Lower Upper
113 100
111 104.0 80.5 120.7
192 19.0 15.0 22.6



#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004788.D
Acq: 14 May 2021 17:18

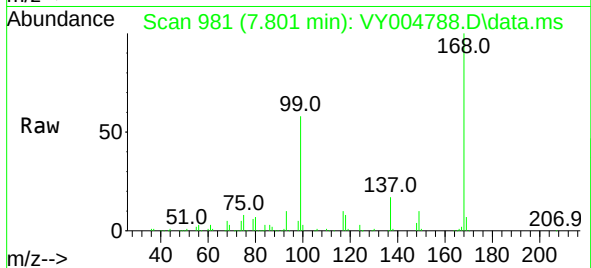
Tgt Ion: 75 Resp: 15786
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.2 25.0 37.4#



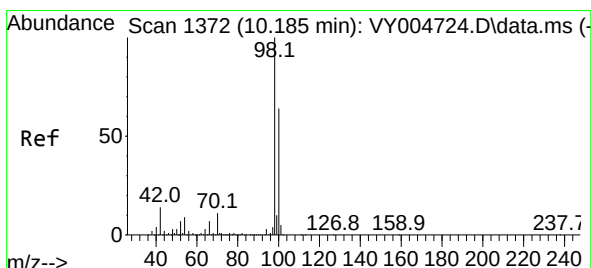
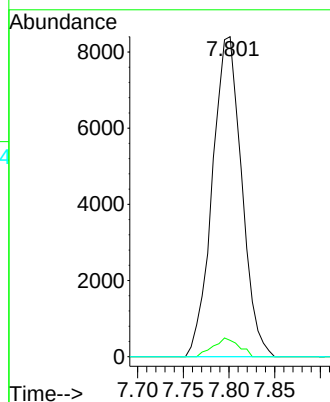
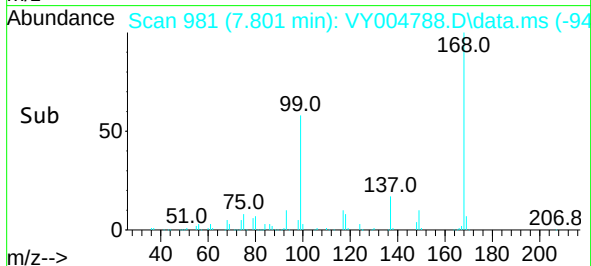


#38
Carbon Tetrachloride
Concen: 5.99 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY004788.D
Acq: 14 May 2021 17:18

Instrument :
MSVOA_Y
ClientSampleId :

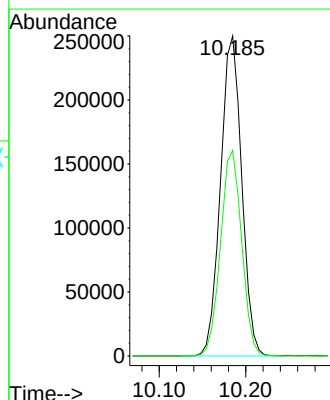
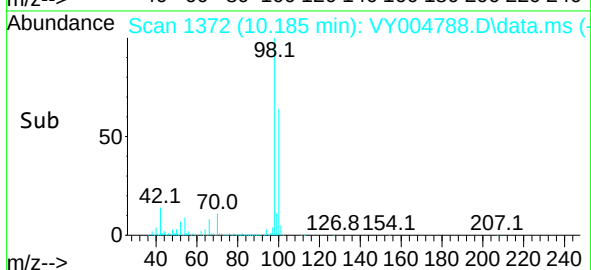
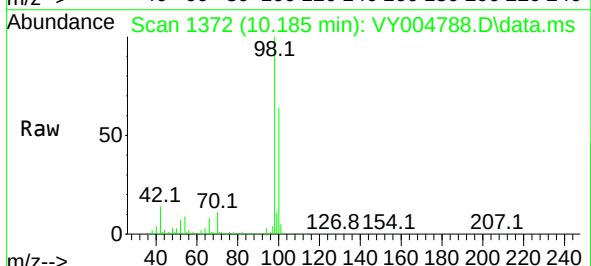


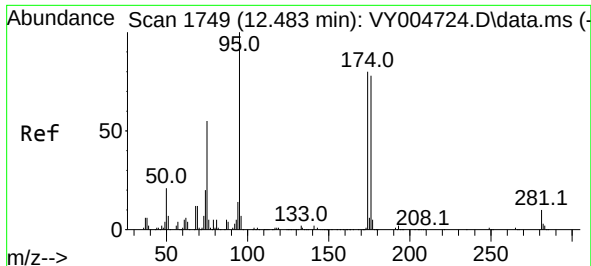
Tgt Ion:117 Resp: 18759
Ion Ratio Lower Upper
117 100
119 5.1 76.3 114.5#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 50.46 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004788.D
Acq: 14 May 2021 17:18

Tgt Ion: 98 Resp: 424443
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

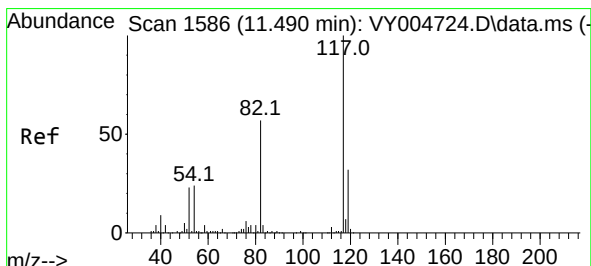
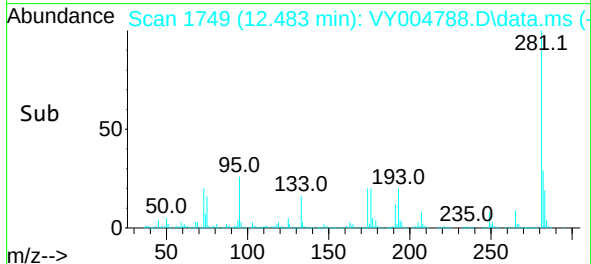
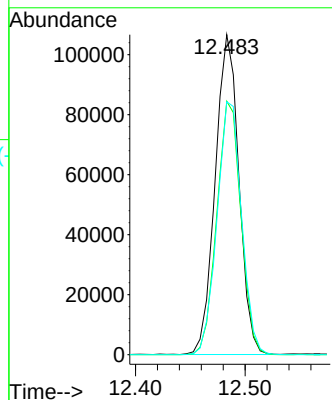
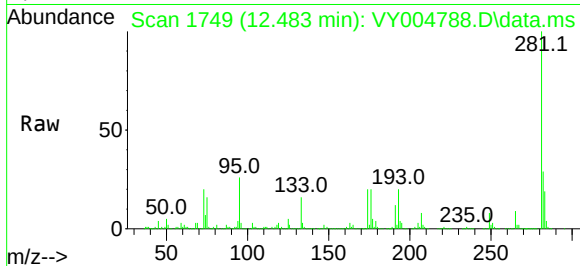




#62
4-Bromofluorobenzene
Concen: 56.35 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004788.D
Acq: 14 May 2021 17:18

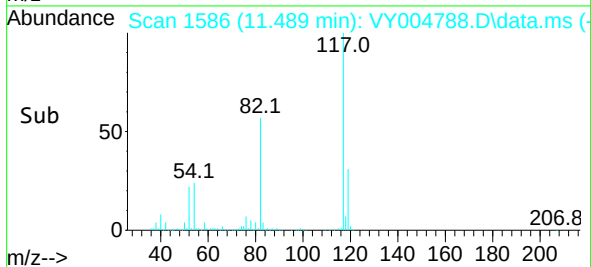
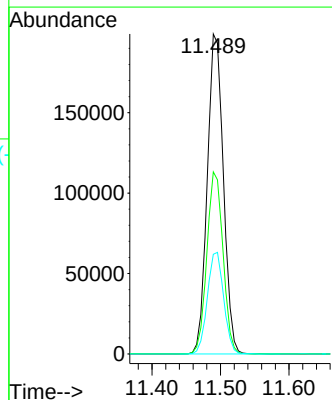
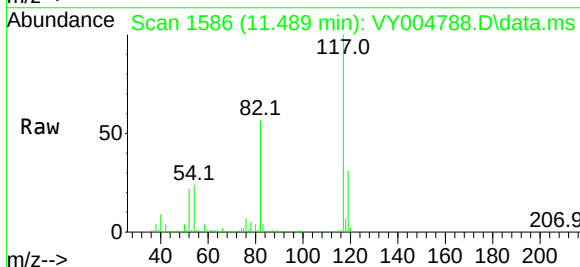
Instrument :
MSVOA_Y
ClientSampleId :

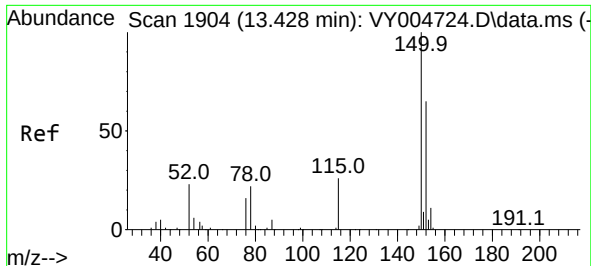
Tgt Ion: 95 Resp: 159968
Ion Ratio Lower Upper
95 100
174 80.7 0.0 164.2
176 81.7 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY004788.D
Acq: 14 May 2021 17:18

Tgt Ion: 117 Resp: 325113
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.2
119 31.2 25.8 38.6

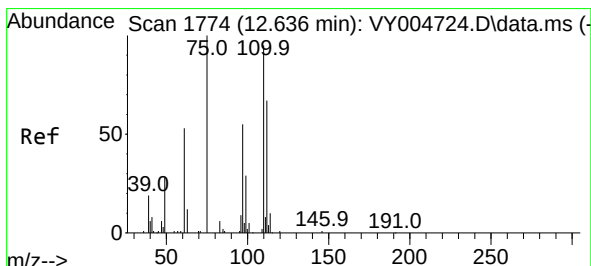
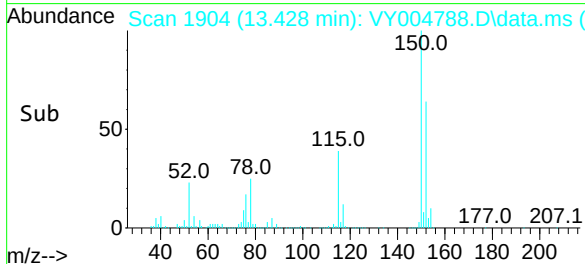
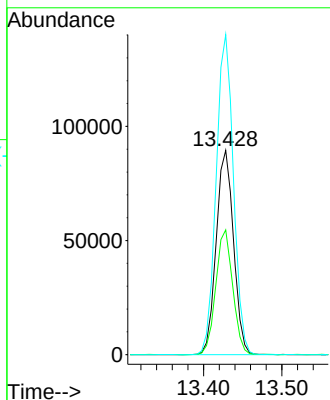
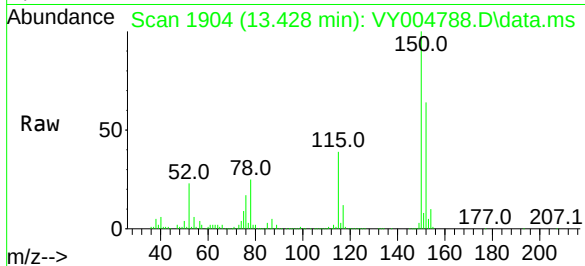




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004788.D
Acq: 14 May 2021 17:18

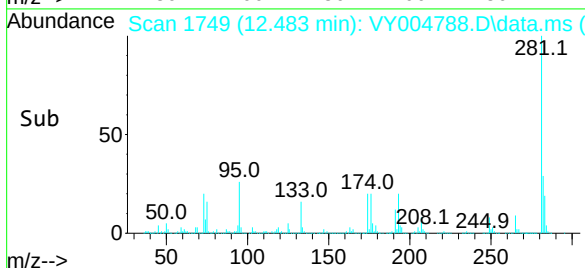
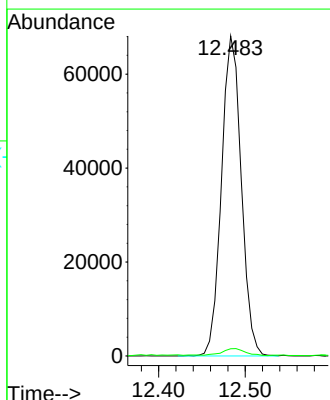
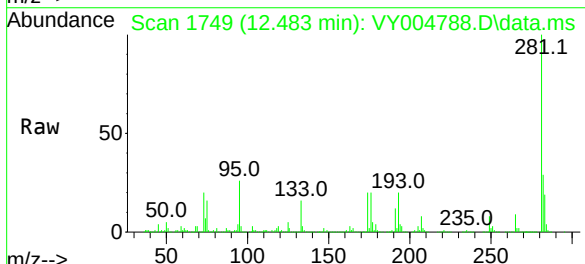
Instrument :
MSVOA_Y
ClientSampleId :

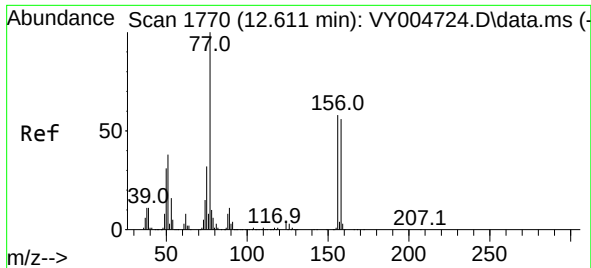
Tgt Ion:152 Resp: 138161
Ion Ratio Lower Upper
152 100
115 59.7 29.4 88.3
150 155.8 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 73.70 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004788.D
Acq: 14 May 2021 17:18

Tgt Ion: 75 Resp: 108146
Ion Ratio Lower Upper
75 100
77 2.6 0.0 0.0#

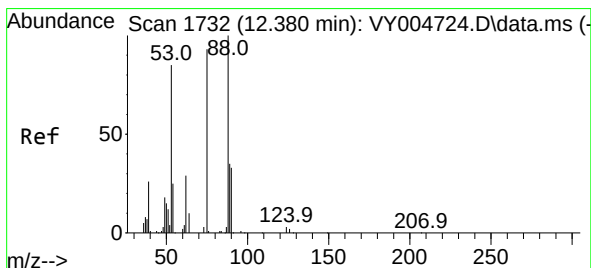
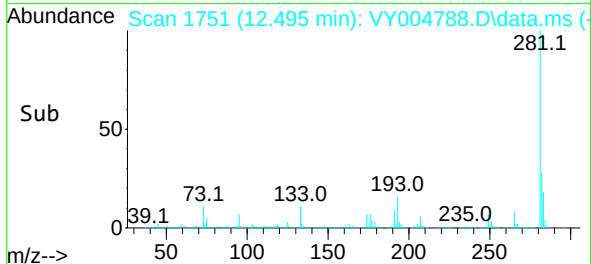
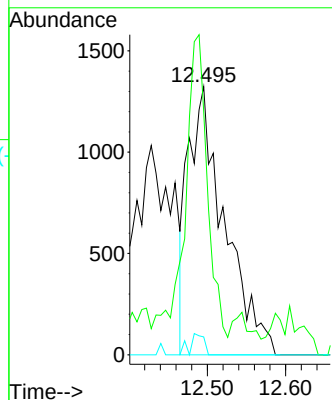
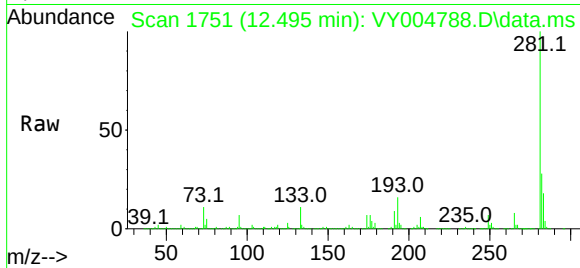




#77
Bromobenzene
Concen: 1.82 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.116 min
Lab File: VY004788.D
Acq: 14 May 2021 17:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:156 Resp: 4289
Ion Ratio Lower Upper
156 100
77 66.1 100.6 301.9#
158 3.0 48.8 146.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.78 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004788.D
Acq: 14 May 2021 17:18

Tgt Ion: 75 Resp: 108146
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 6.6 35.5 53.3#

