

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051421\
 Data File : VY004782.D
 Acq On : 14 May 2021 14:58
 Operator : SY/MD
 Sample : M2392-10
 Misc : 5.080G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 15 03:58:32 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)

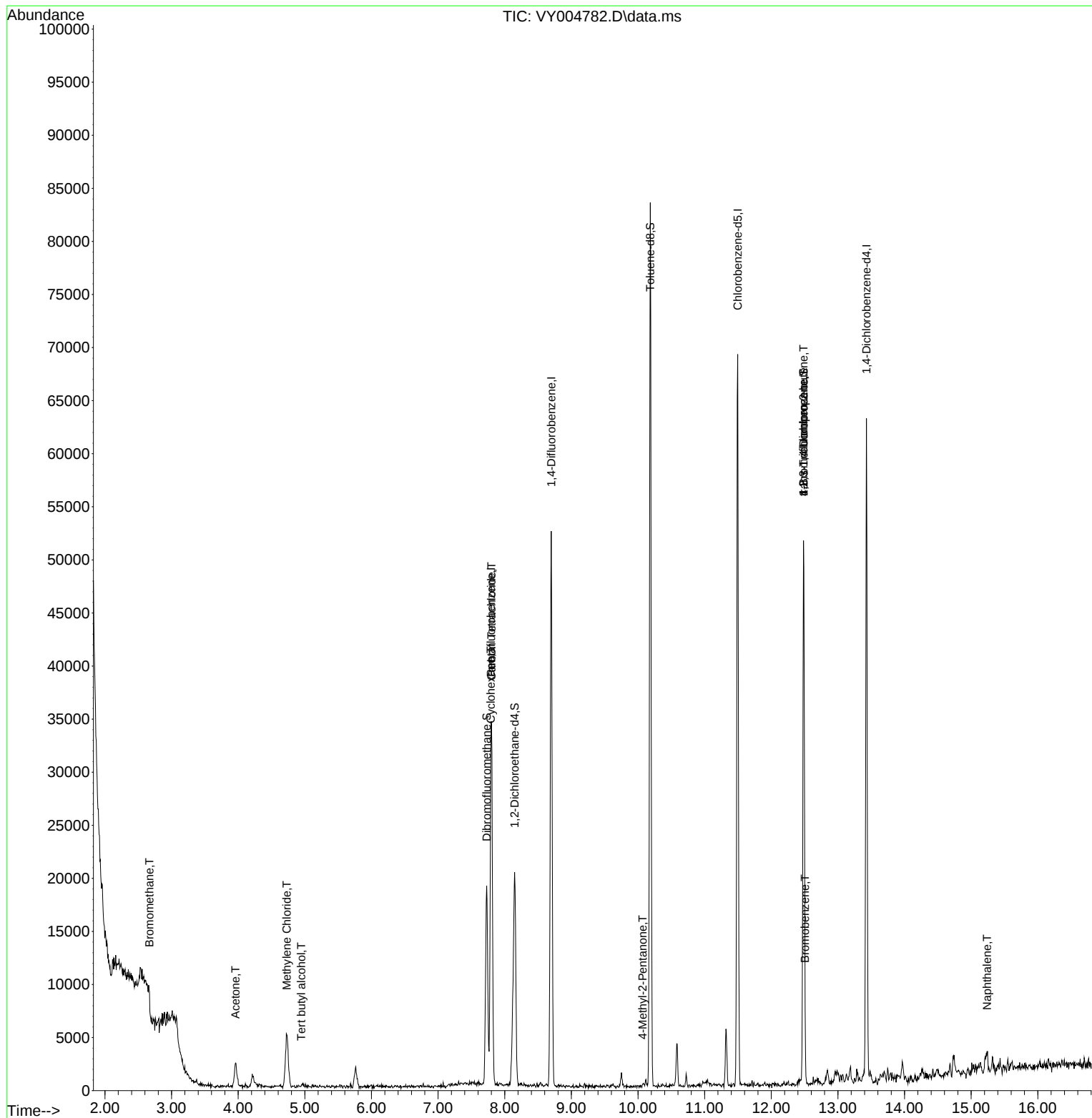
Internal Standards						
1) Pentafluorobenzene	7.795	168	26411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	41965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	34932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	13903	44.22	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.44%
35) Dibromofluoromethane	7.728	113	13225	57.57	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.14%
50) Toluene-d8	10.185	98	50210	48.38	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.76%
62) 4-Bromofluorobenzene	12.483	95	13971	39.89	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.78%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	216	1.06	ug/l	82
11) Tert butyl alcohol	4.948	59	153	4.84	ug/l #	71
16) Acetone	3.960	43	4291	60.77	ug/l #	88
20) Methylene Chloride	4.729	84	3528	2.71	ug/l	90
31) Cyclohexane	7.789	56	761	1.50	ug/l #	55
38) Carbon Tetrachloride	7.801	117	2730	7.06	ug/l #	17
51) 4-Methyl-2-Pentanone	10.069	43	298	1.01	ug/l #	66
76) 1,2,3-Trichloropropane	12.483	75	7873	50.05	ug/l #	100
77) Bromobenzene	12.508	156	285	1.13	ug/l #	27
81) trans-1,4-Dichloro-2-b...	12.483	75	7873	86.78	ug/l #	13
95) Naphthalene	15.239	128	1259	2.07	ug/l	96

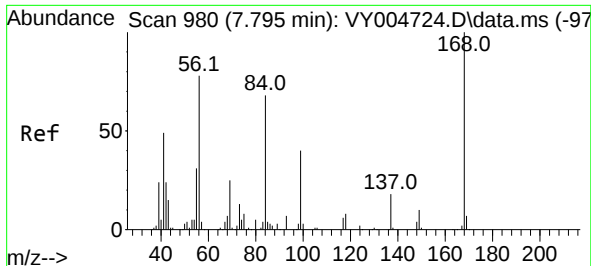
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051421\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
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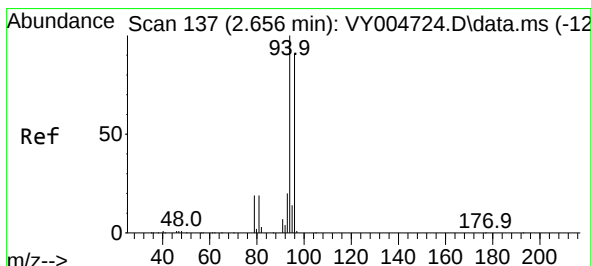
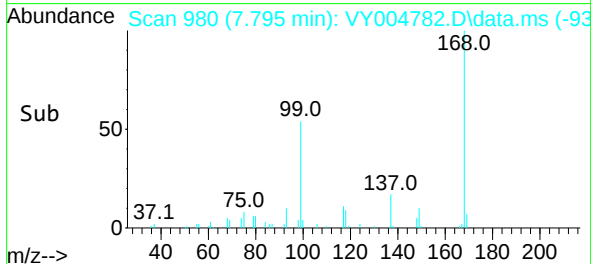
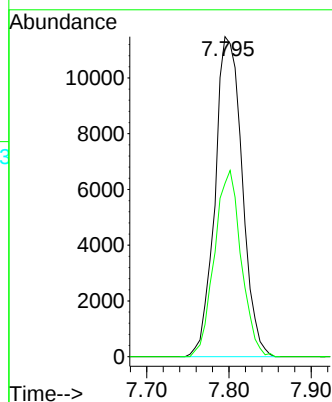
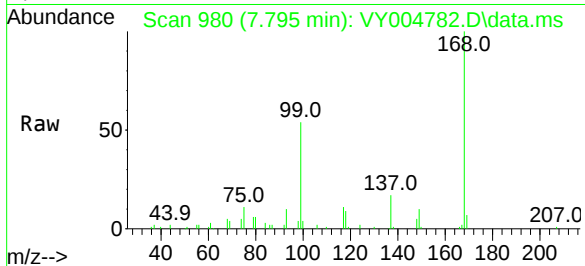




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004782.D
Acq: 14 May 2021 14:58

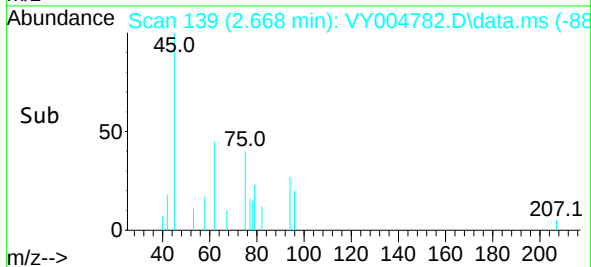
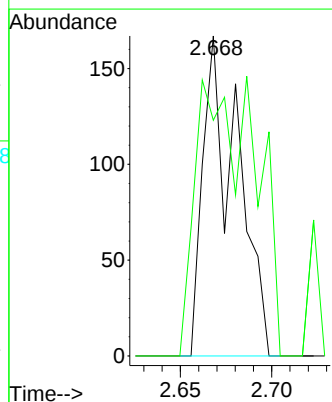
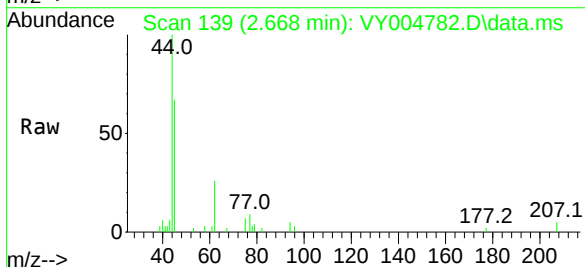
Instrument :
MSVOA_Y
ClientSampled :

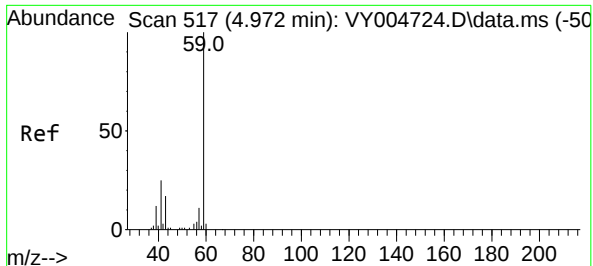
Tgt Ion:168 Resp: 26411
Ion Ratio Lower Upper
168 100
99 54.1 45.6 68.4



#5
Bromomethane
Concen: 1.06 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY004782.D
Acq: 14 May 2021 14:58

Tgt Ion: 94 Resp: 216
Ion Ratio Lower Upper
94 100
96 73.7 72.6 109.0

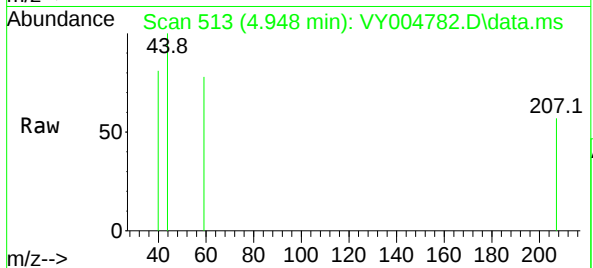




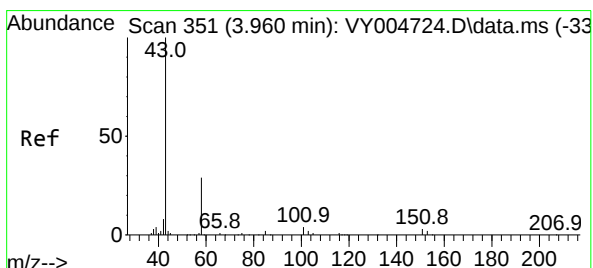
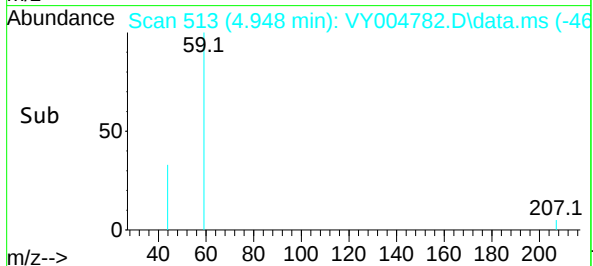
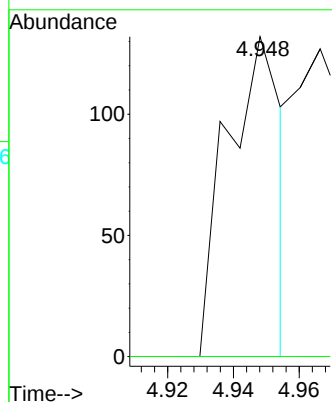
#11

Tert butyl alcohol
Concen: 4.84 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY004782.D
Acq: 14 May 2021 14:58

Instrument :
MSVOA_Y
ClientSampled :



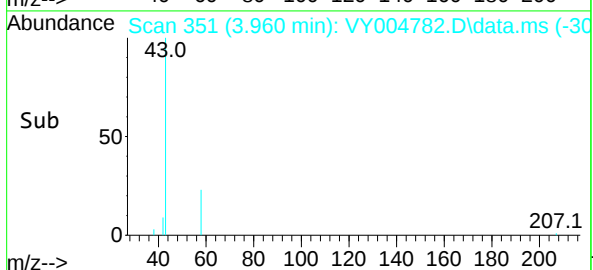
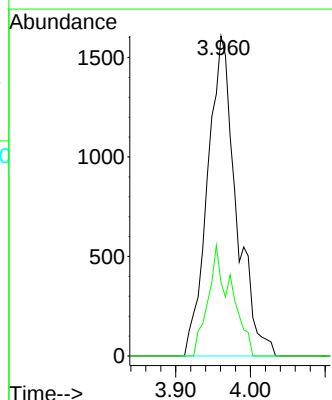
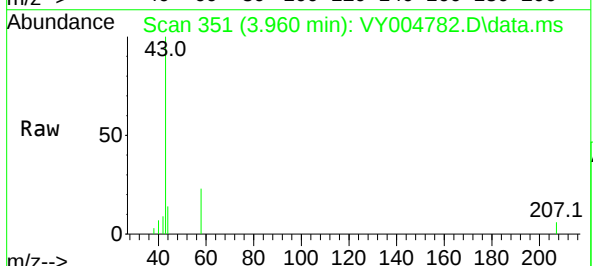
Tgt Ion: 59 Resp: 153
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

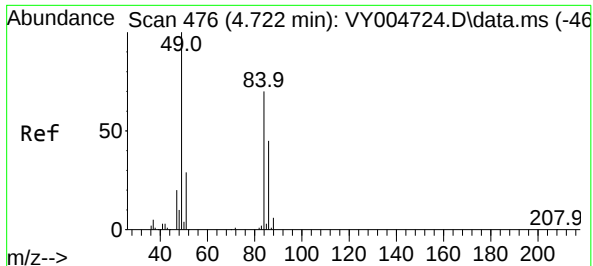


#16

Acetone
Concen: 60.77 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004782.D
Acq: 14 May 2021 14:58

Tgt Ion: 43 Resp: 4291
Ion Ratio Lower Upper
43 100
58 22.9 23.6 35.4#





#20

Methylene Chloride

Concen: 2.71 ug/l

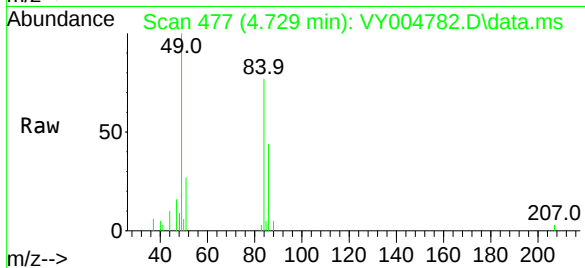
RT: 4.729 min Scan# 477

Delta R.T. 0.007 min

Lab File: VY004782.D

Acq: 14 May 2021 14:58

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 3528

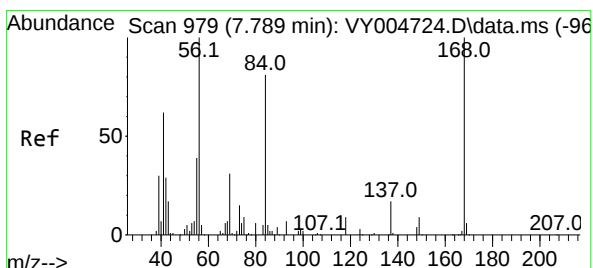
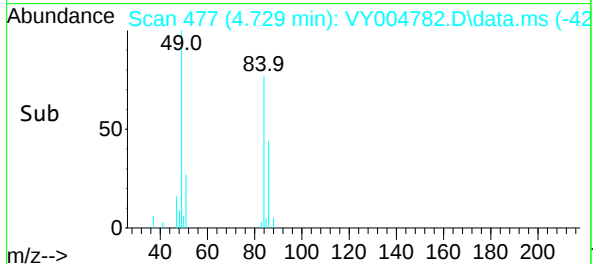
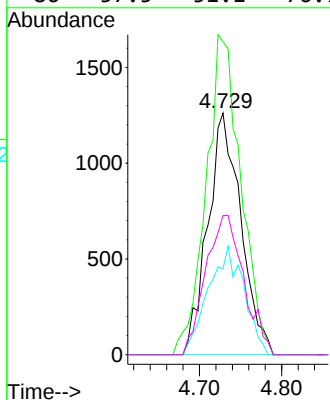
Ion Ratio Lower Upper

84 100

49 129.5 113.8 170.8

51 35.5 33.5 50.3

86 57.5 51.1 76.7



#31

Cyclohexane

Concen: 1.50 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY004782.D

Acq: 14 May 2021 14:58

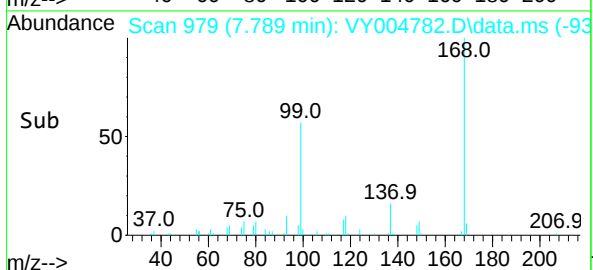
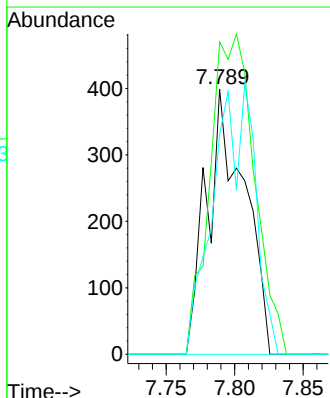
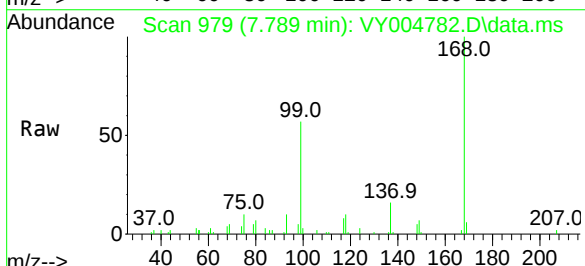
Tgt Ion: 56 Resp: 761

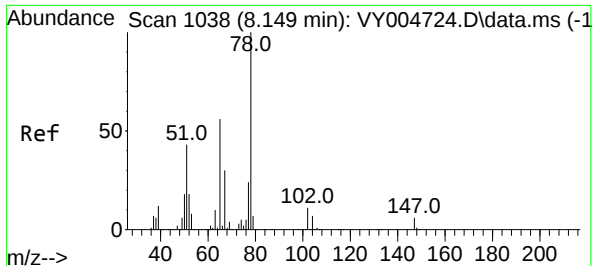
Ion Ratio Lower Upper

56 100

69 117.8 24.4 36.6#

84 83.0 64.8 97.2

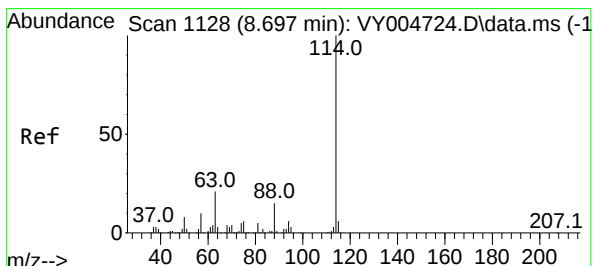
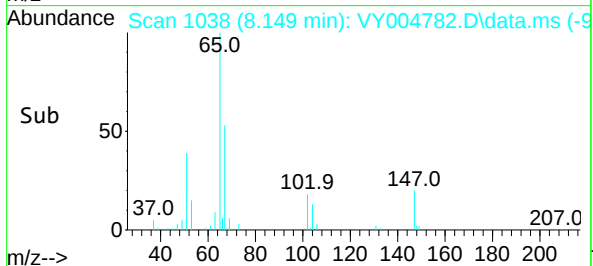
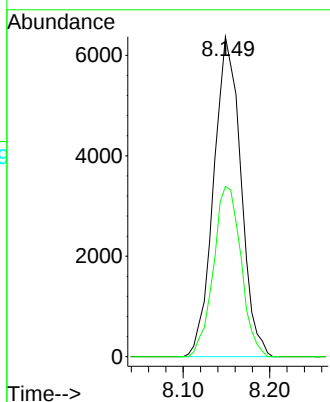
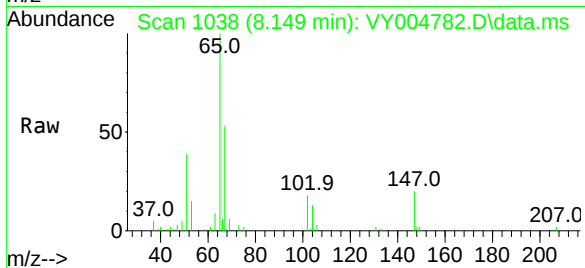




#33
1,2-Dichloroethane-d4
Concen: 44.22 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004782.D
Acq: 14 May 2021 14:58

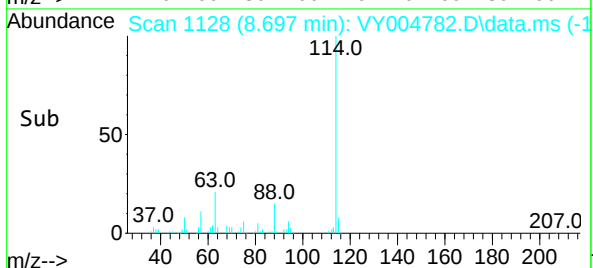
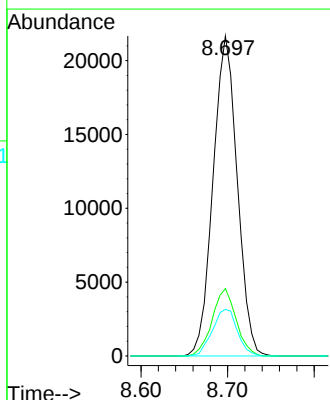
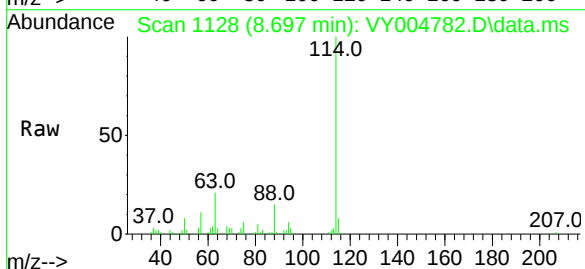
Instrument :
MSVOA_Y
ClientSampled :

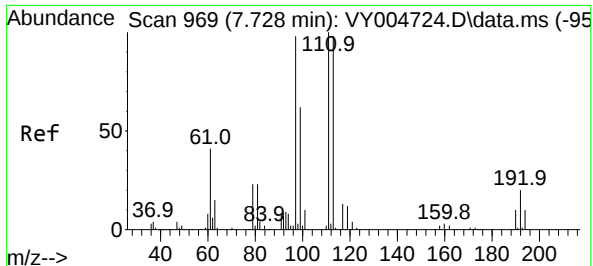
Tgt Ion: 65 Resp: 13903
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004782.D
Acq: 14 May 2021 14:58

Tgt Ion: 114 Resp: 41965
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.8
88 14.6 0.0 31.0

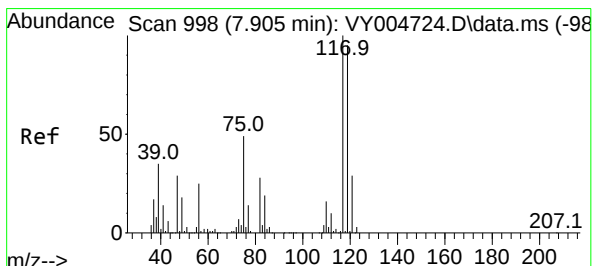
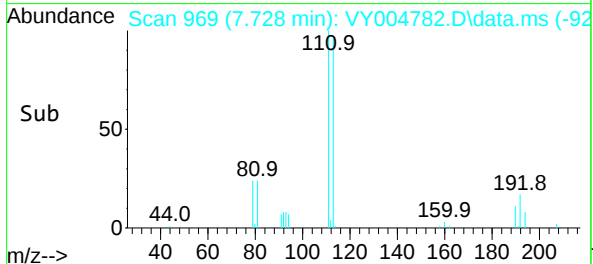
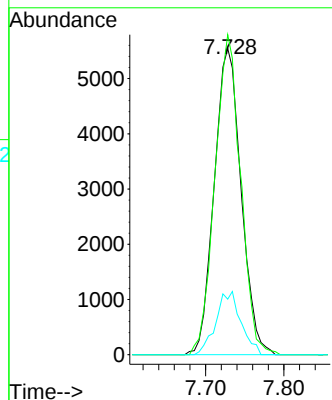
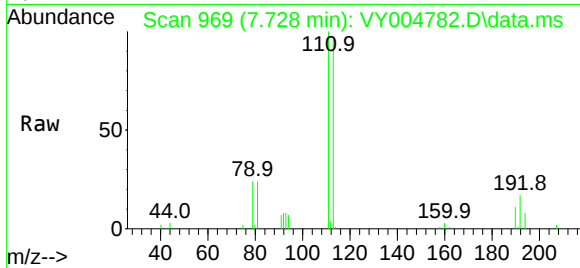




#35
Dibromofluoromethane
Concen: 57.57 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004782.D
Acq: 14 May 2021 14:58

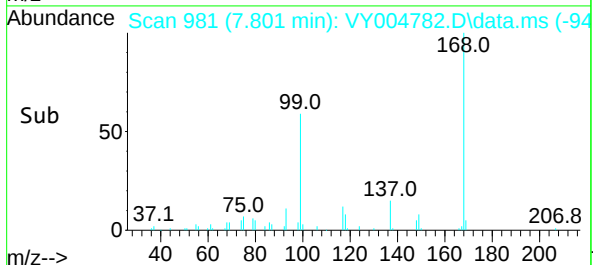
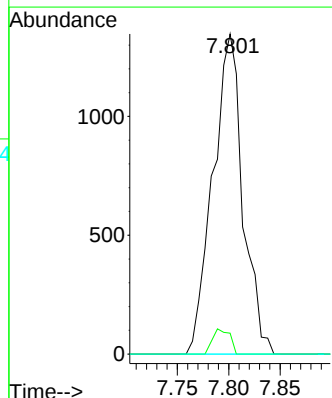
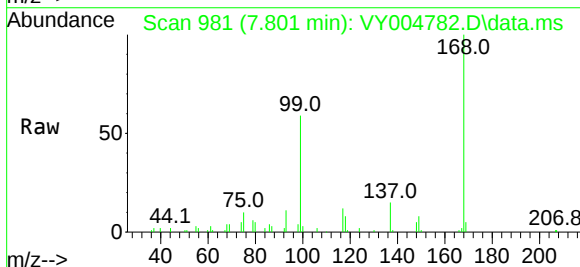
Instrument :
MSVOA_Y
ClientSampleId :

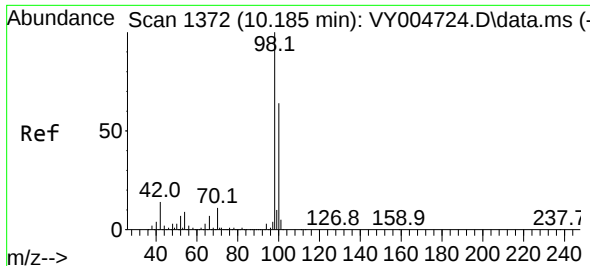
Tgt Ion:	113	Resp:	13225
Ion	Ratio	Lower	Upper
113	100		
111	99.8	80.5	120.7
192	19.2	15.0	22.6



#38
Carbon Tetrachloride
Concen: 7.06 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY004782.D
Acq: 14 May 2021 14:58

Tgt Ion:	117	Resp:	2730
Ion	Ratio	Lower	Upper
117	100		
119	6.5	76.3	114.5#
121	0.0	23.0	34.6#

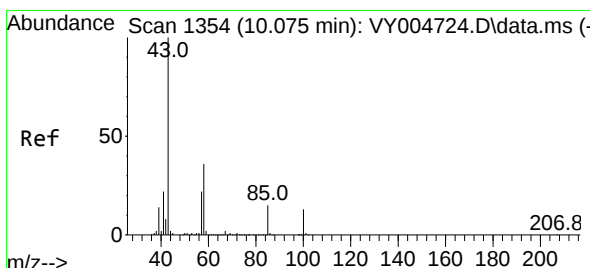
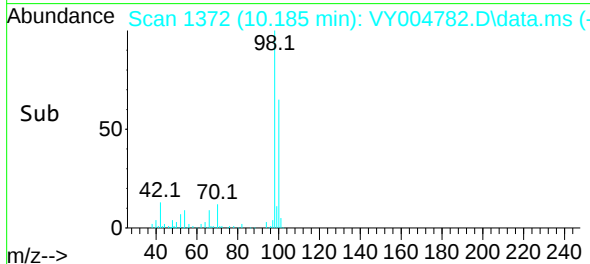
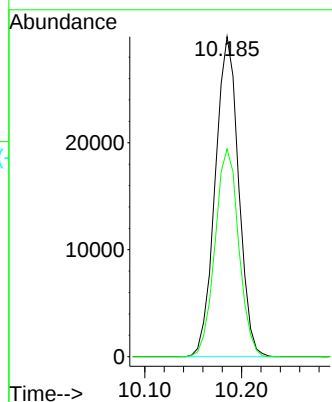
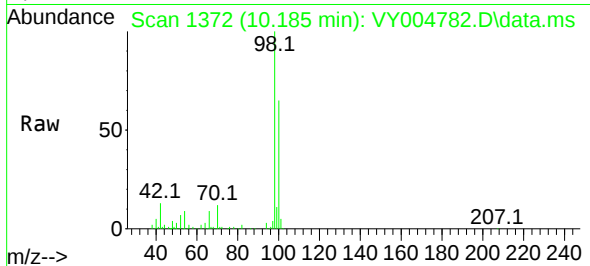




#50
Toluene-d8
Concen: 48.38 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004782.D
Acq: 14 May 2021 14:58

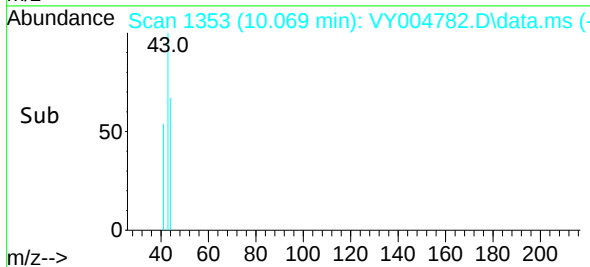
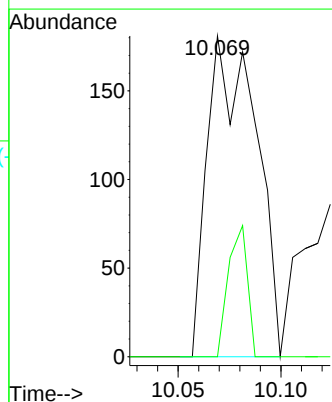
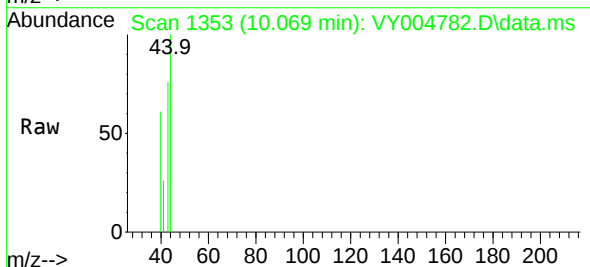
Instrument :
MSVOA_Y
ClientSampled :

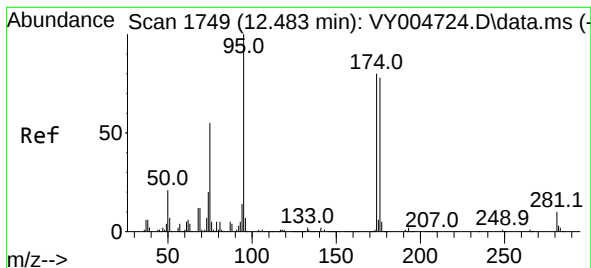
Tgt Ion: 98 Resp: 50210
Ion Ratio Lower Upper
98 100
100 65.7 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 1.01 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY004782.D
Acq: 14 May 2021 14:58

Tgt Ion: 43 Resp: 298
Ion Ratio Lower Upper
43 100
58 16.1 28.7 43.1#

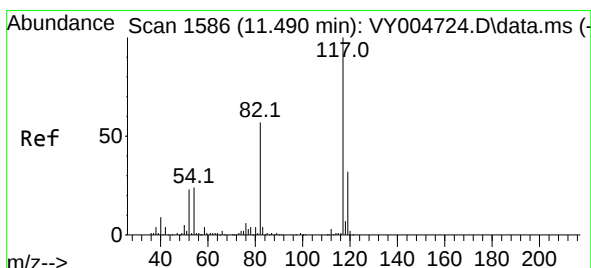
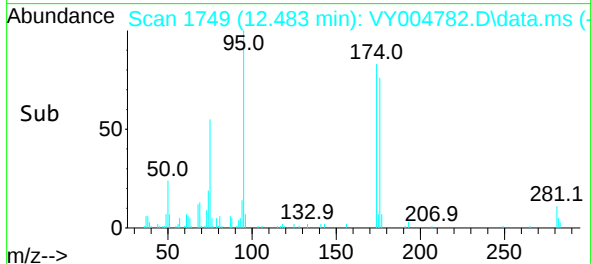
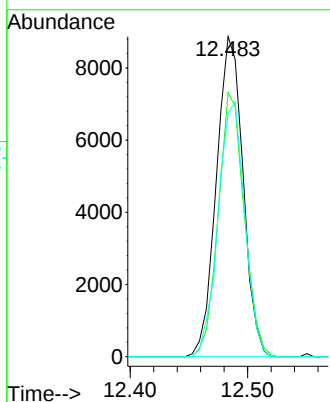
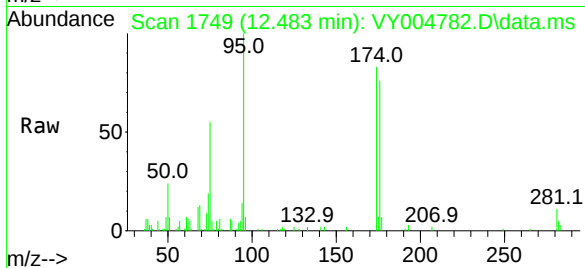




#62
4-Bromofluorobenzene
Concen: 39.89 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004782.D
Acq: 14 May 2021 14:58

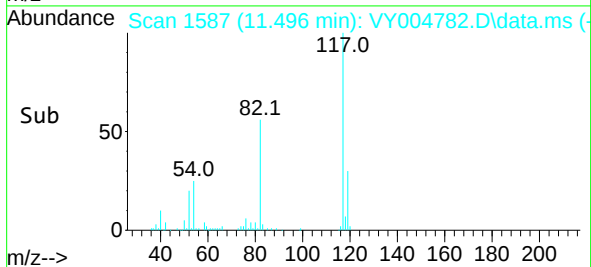
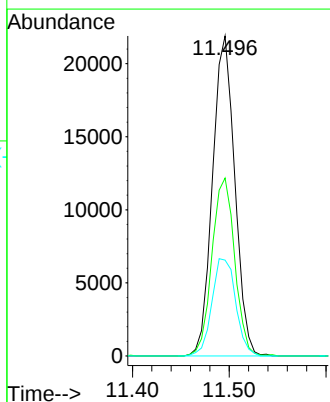
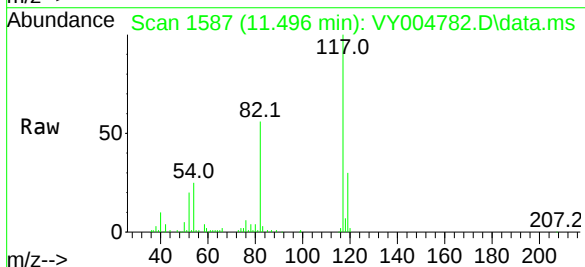
Instrument :
MSVOA_Y
ClientSampleId :

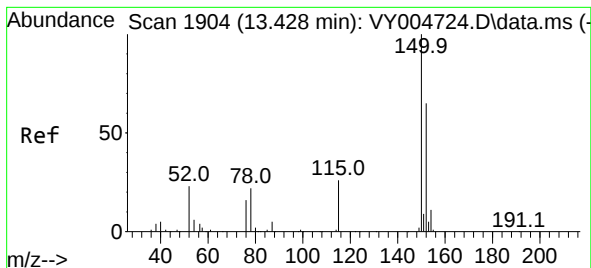
Tgt Ion: 95 Resp: 13971
Ion Ratio Lower Upper
95 100
174 80.6 0.0 164.2
176 79.7 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004782.D
Acq: 14 May 2021 14:58

Tgt Ion: 117 Resp: 34932
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.2
119 29.9 25.8 38.6

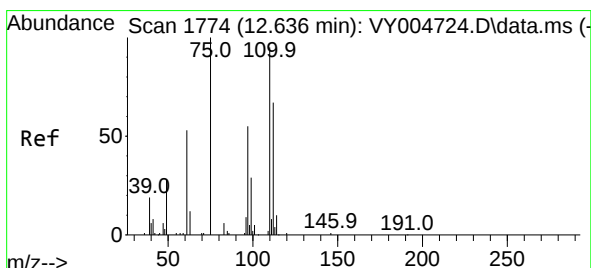
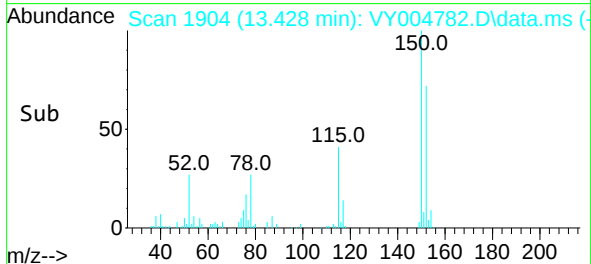
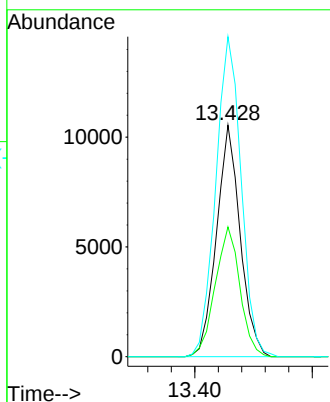
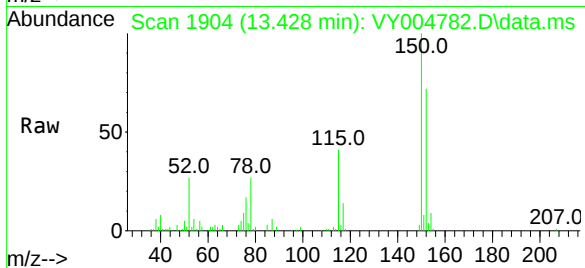




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004782.D
Acq: 14 May 2021 14:58

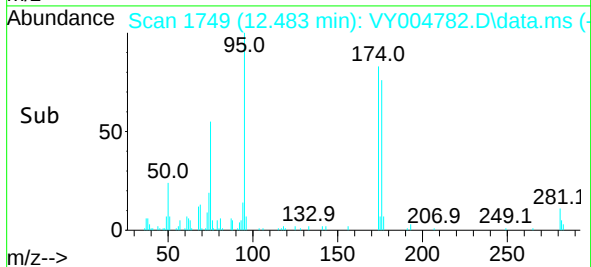
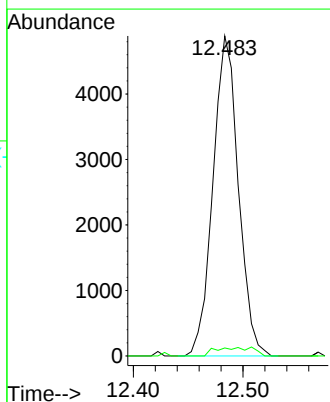
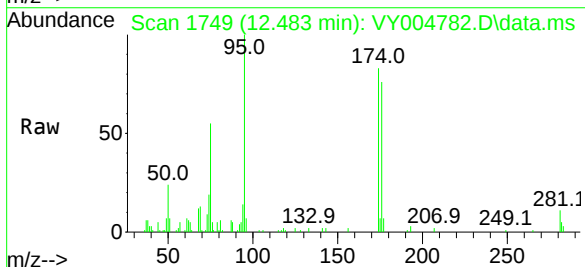
Instrument :
MSVOA_Y
ClientSampleId :

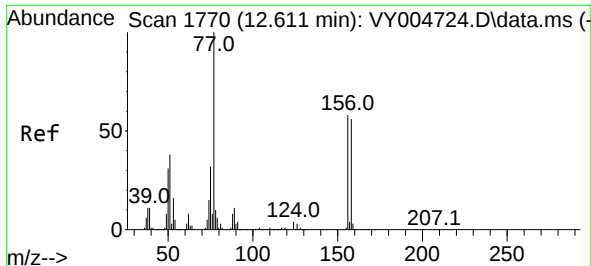
Tgt Ion:152 Resp: 14810
Ion Ratio Lower Upper
152 100
115 58.3 29.4 88.3
150 147.9 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 50.05 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004782.D
Acq: 14 May 2021 14:58

Tgt Ion: 75 Resp: 7873
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

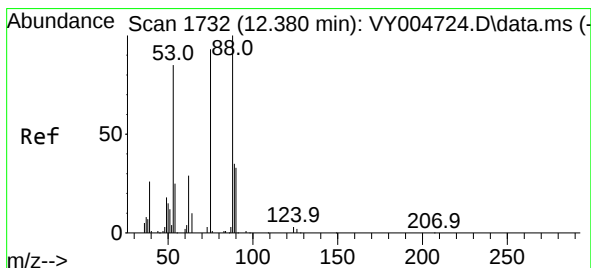
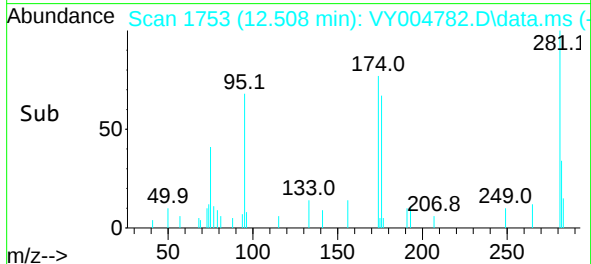
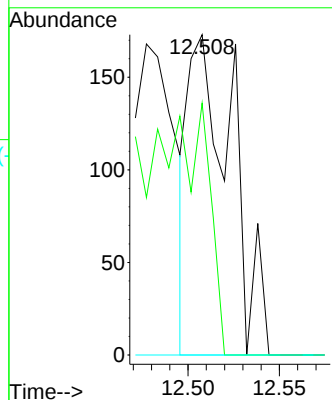
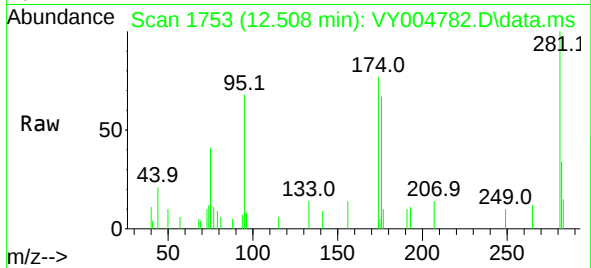




#77
Bromobenzene
Concen: 1.13 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. -0.104 min
Lab File: VY004782.D
Acq: 14 May 2021 14:58

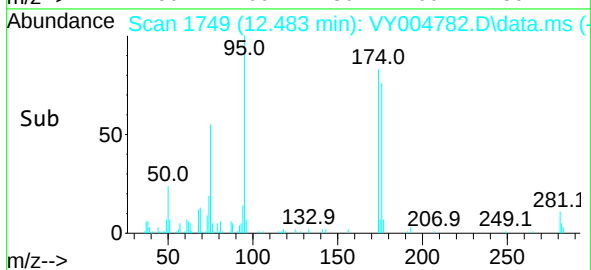
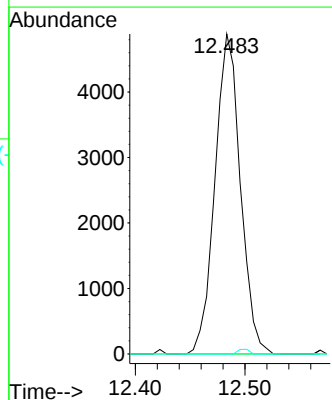
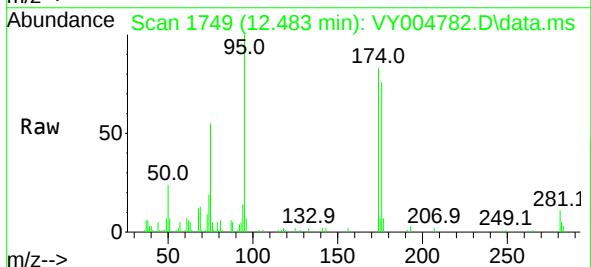
Instrument :
MSVOA_Y
ClientSampled :

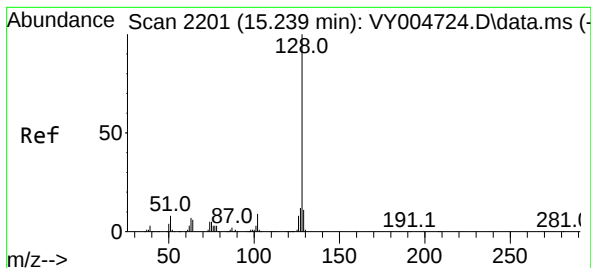
Tgt Ion:156 Resp: 285
Ion Ratio Lower Upper
156 100
77 109.5 100.6 301.9
158 0.0 48.8 146.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.78 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004782.D
Acq: 14 May 2021 14:58

Tgt Ion: 75 Resp: 7873
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.6 35.5 53.3#





#95
Naphthalene
Concen: 2.07 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004782.D
Acq: 14 May 2021 14:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 1259
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.2
129 9.5 8.6 13.0

