

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
 Data File : VY004764.D
 Acq On : 13 May 2021 14:49
 Operator : SY/MD
 Sample : M2383-03
 Misc : 4.44G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 14 02:28:27 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)

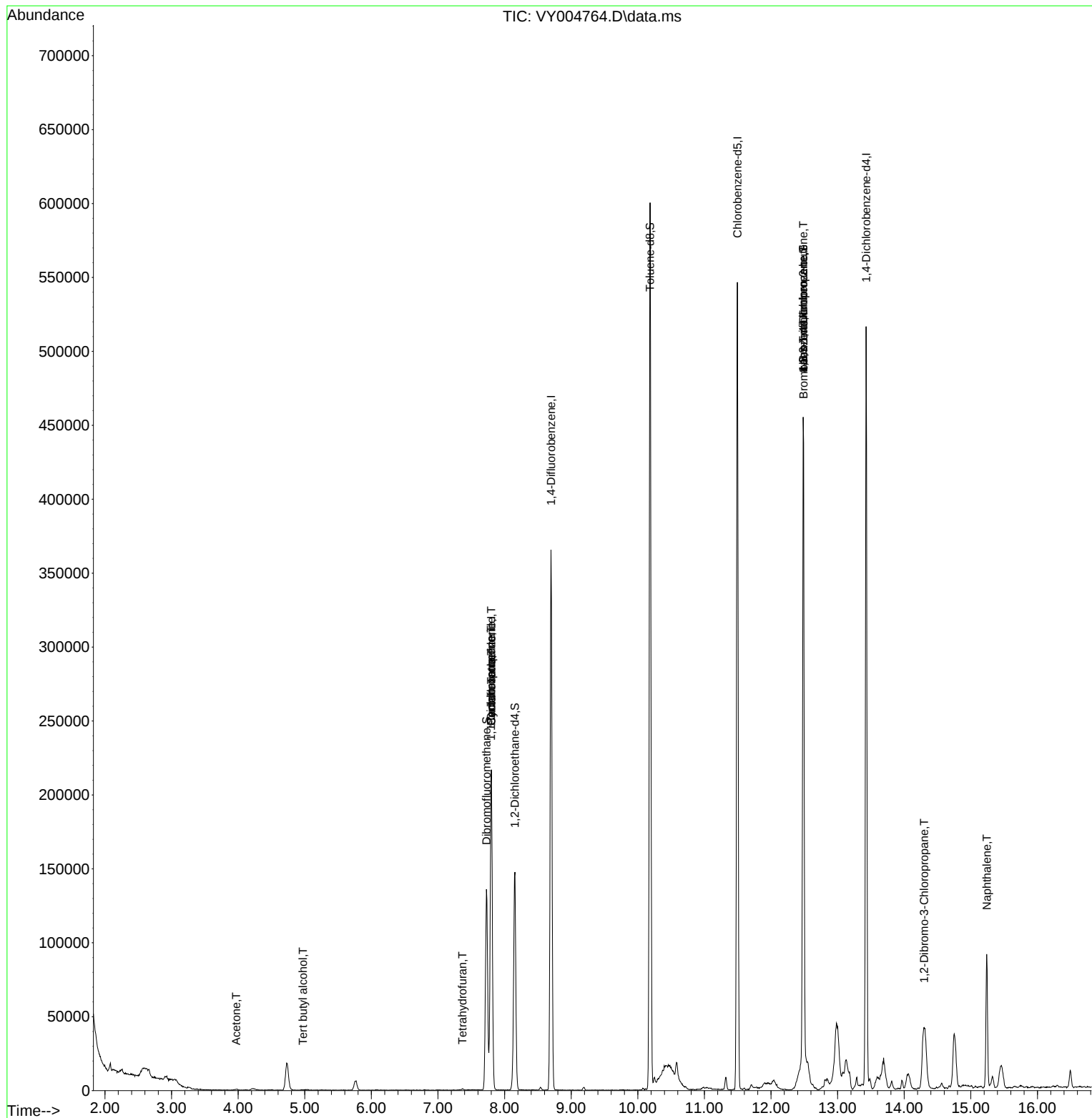
Internal Standards						
1) Pentafluorobenzene	7.801	168	160067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	293020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	276433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121785	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	112216	58.90	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.80%			
35) Dibromofluoromethane	7.728	113	92817	57.86	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.72%			
50) Toluene-d8	10.185	98	363586	50.17	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.34%			
62) 4-Bromofluorobenzene	12.483	95	123967	50.69	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.38%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	372	1.94	ug/l #	71
16) Acetone	3.973	43	1261	2.95	ug/l #	87
20) Methylene Chloride	4.729	84	13358	Below Cal		96
29) Tetrahydrofuran	7.368	42	551	1.14	ug/l #	71
31) Cyclohexane	7.801	56	4377	1.42	ug/l #	35
36) 1,1-Dichloropropene	7.795	75	13769	4.59	ug/l #	50
38) Carbon Tetrachloride	7.801	117	16500	6.11	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	70105	54.20	ug/l #	100
77) Bromobenzene	12.489	156	41126	19.82	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	70105	93.97	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.300	75	5152	15.04	ug/l #	4
95) Naphthalene	15.239	128	71508	14.29	ug/l	99

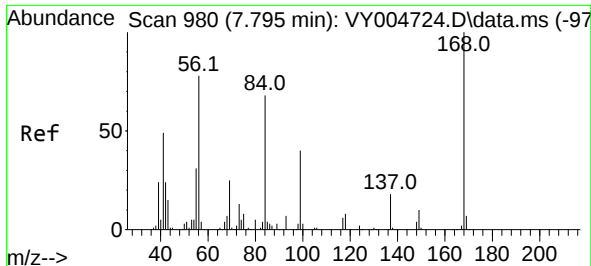
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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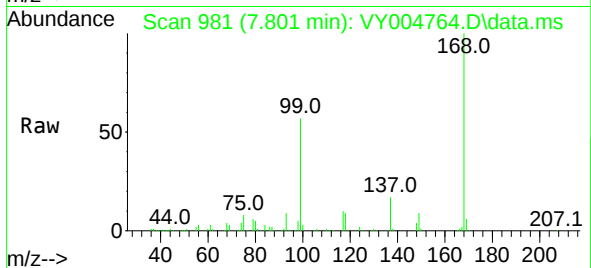
Quant Time: May 14 02:28:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration



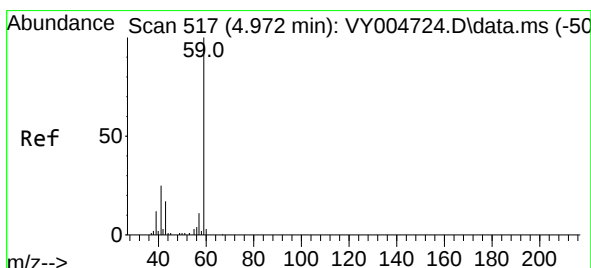
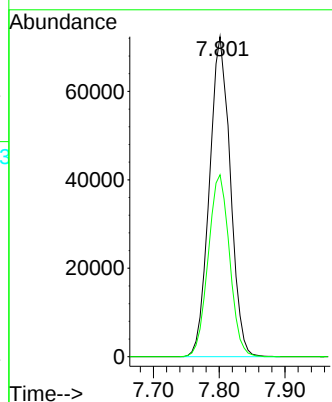
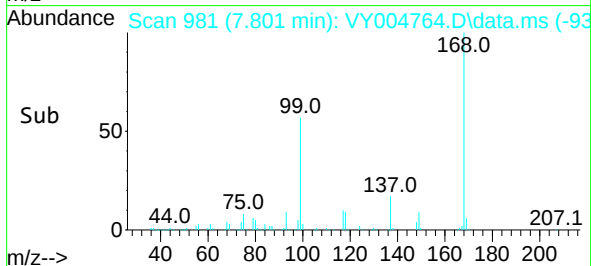


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004764.D
Acq: 13 May 2021 14:49

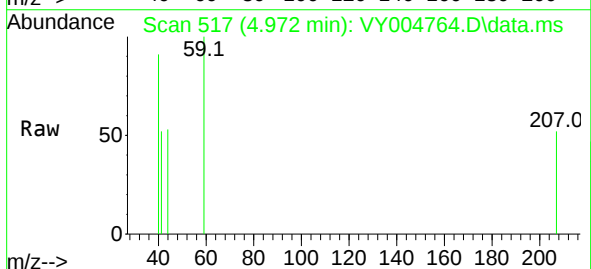
Instrument :
MSVOA_Y
ClientSampleId :



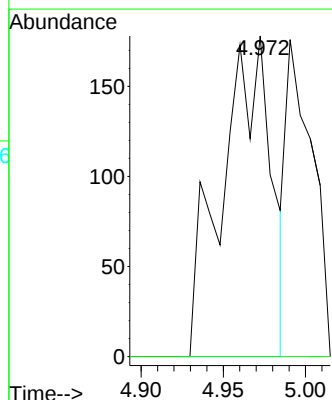
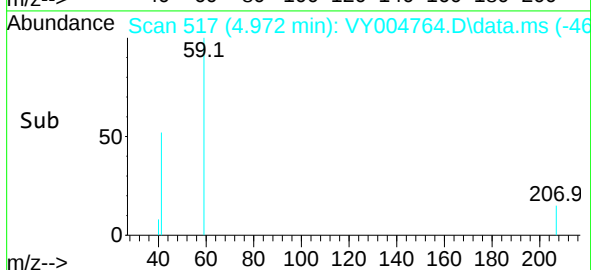
Tgt Ion:168 Resp: 160067
Ion Ratio Lower Upper
168 100
99 56.8 45.6 68.4

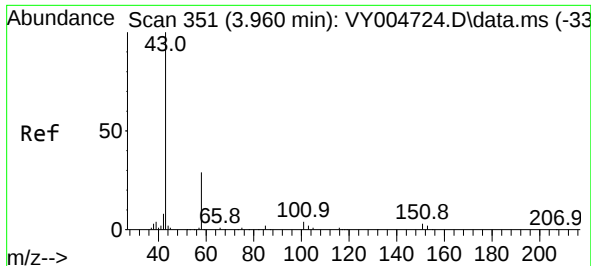


#11
Tert butyl alcohol
Concen: 1.94 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY004764.D
Acq: 13 May 2021 14:49



Tgt Ion: 59 Resp: 372
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

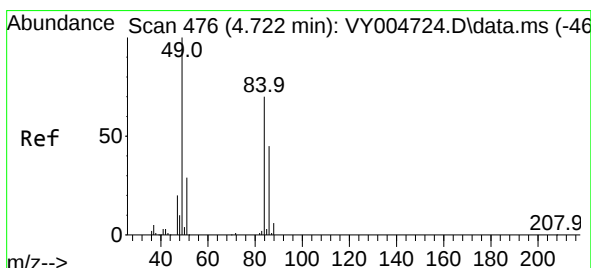
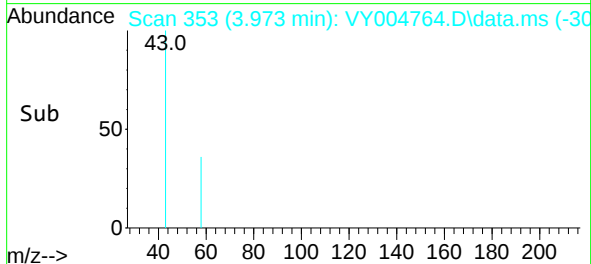
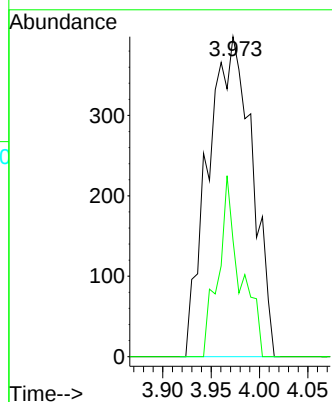
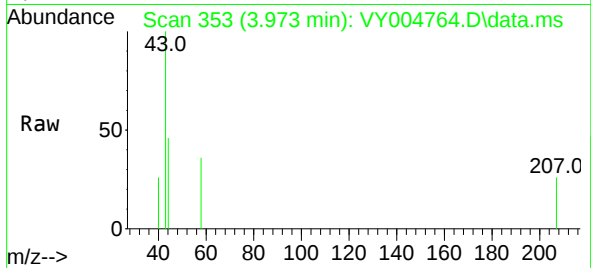




#16
Acetone
Concen: 2.95 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY004764.D
Acq: 13 May 2021 14:49

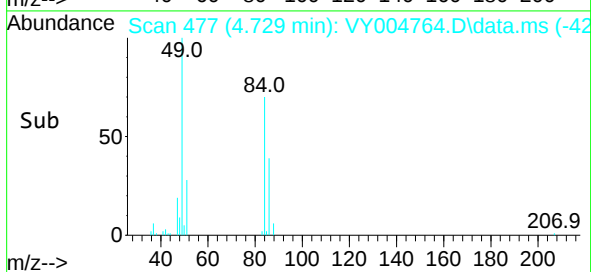
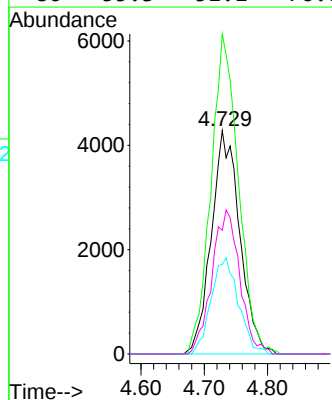
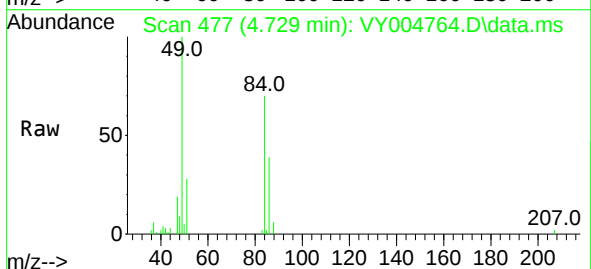
Instrument :
MSVOA_Y
ClientSampleId :

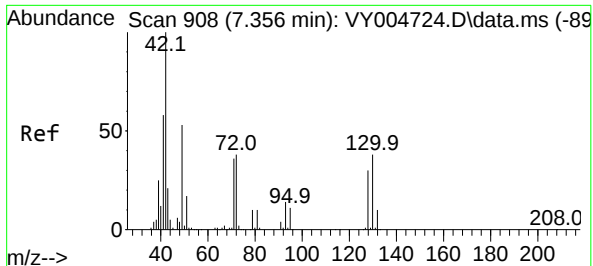
Tgt Ion: 43 Resp: 1261
Ion Ratio Lower Upper
43 100
58 36.4 23.6 35.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY004764.D
Acq: 13 May 2021 14:49

Tgt Ion: 84 Resp: 13358
Ion Ratio Lower Upper
84 100
49 143.3 113.8 170.8
51 40.1 33.5 50.3
86 55.3 51.1 76.7





#29

Tetrahydrofuran

Concen: 1.14 ug/l

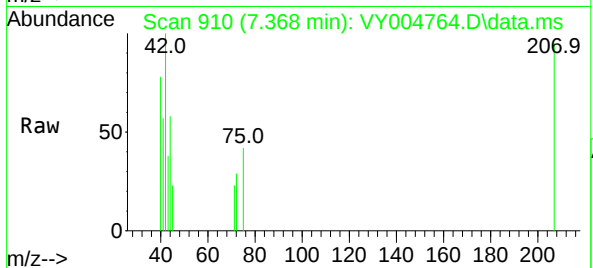
RT: 7.368 min Scan# 910

Delta R.T. 0.012 min

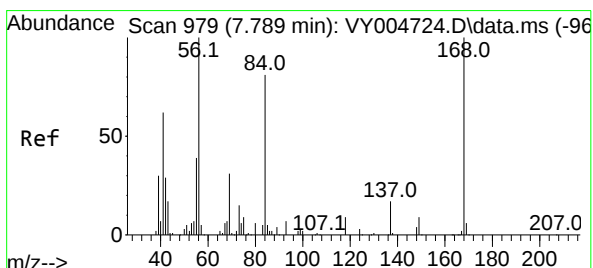
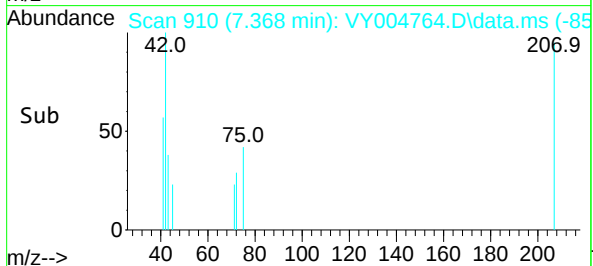
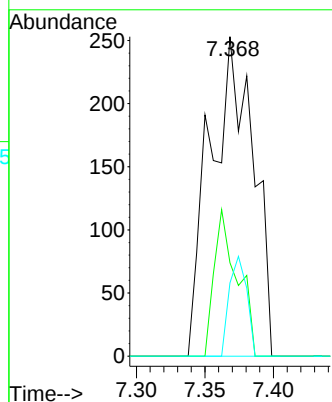
Lab File: VY004764.D

Acq: 13 May 2021 14:49

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion:	42	Resp:	551
Ion Ratio	100	Lower	Upper
72	24.9	29.4	44.0#
71	12.7	28.0	42.0#



#31

Cyclohexane

Concen: 1.42 ug/l

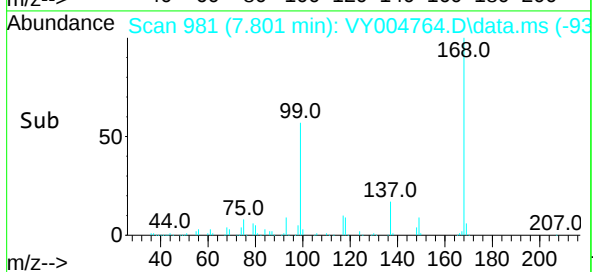
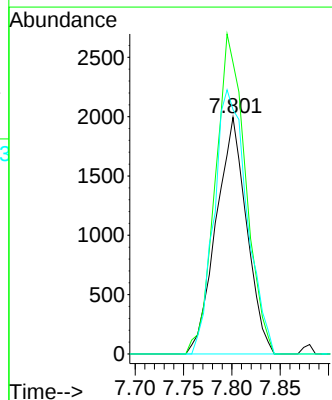
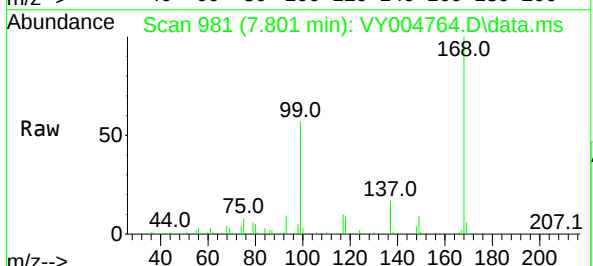
RT: 7.801 min Scan# 981

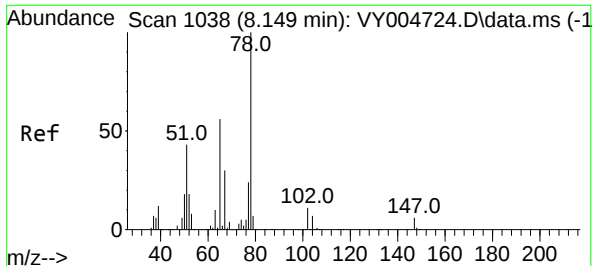
Delta R.T. 0.012 min

Lab File: VY004764.D

Acq: 13 May 2021 14:49

Tgt Ion:	56	Resp:	4377
Ion Ratio	100	Lower	Upper
69	123.2	24.4	36.6#
84	103.3	64.8	97.2#

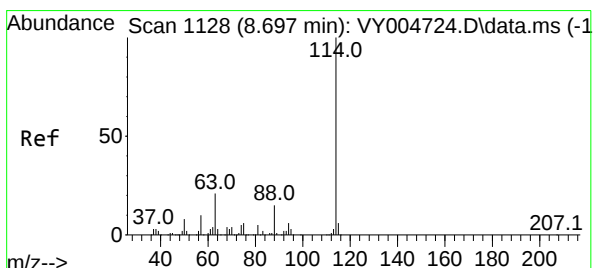
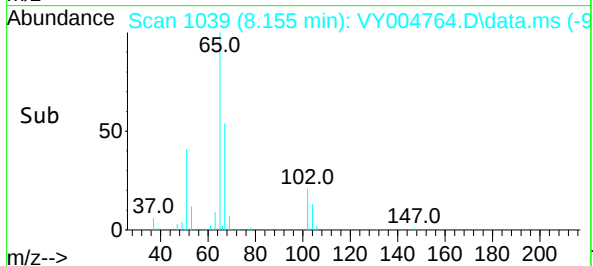
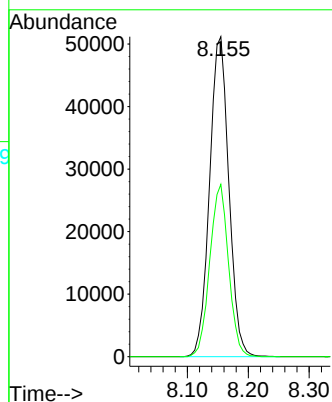
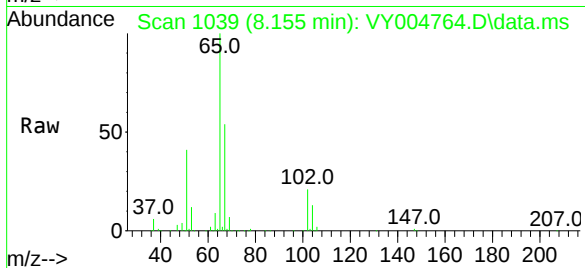




#33
1,2-Dichloroethane-d4
Concen: 58.90 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004764.D
Acq: 13 May 2021 14:49

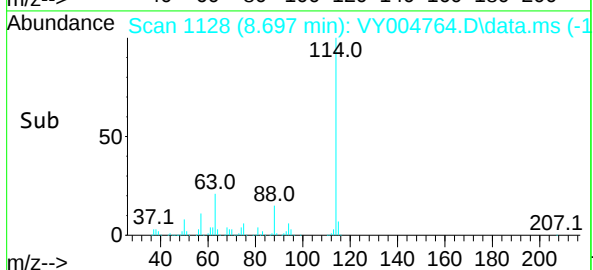
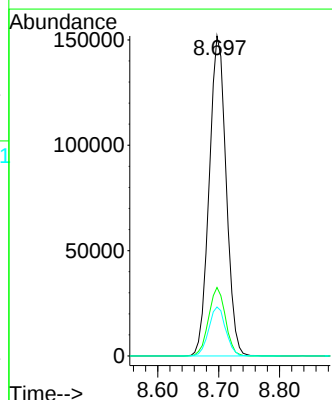
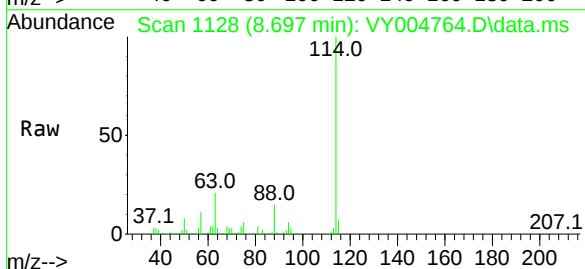
Instrument :
MSVOA_Y
ClientSampleId :

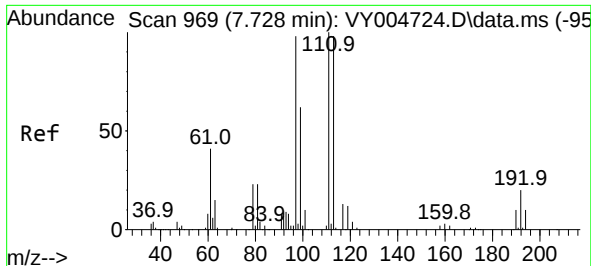
Tgt Ion: 65 Resp: 112216
Ion Ratio Lower Upper
65 100
67 52.5 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004764.D
Acq: 13 May 2021 14:49

Tgt Ion: 114 Resp: 293020
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.8
88 15.3 0.0 31.0

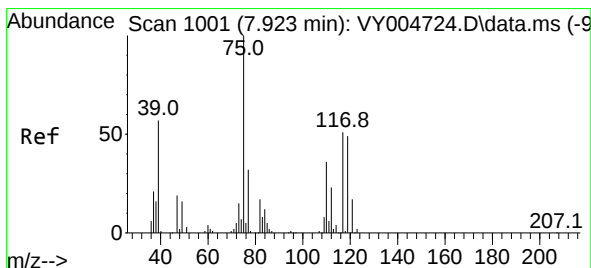
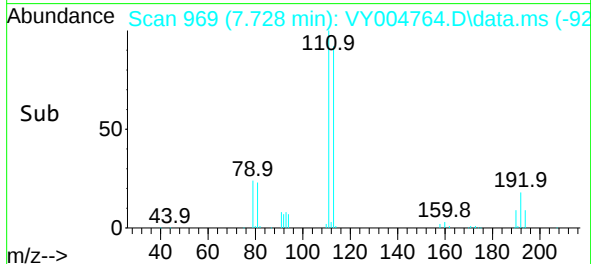
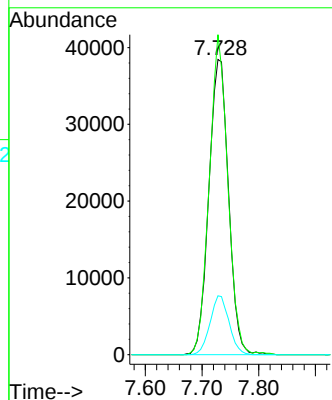
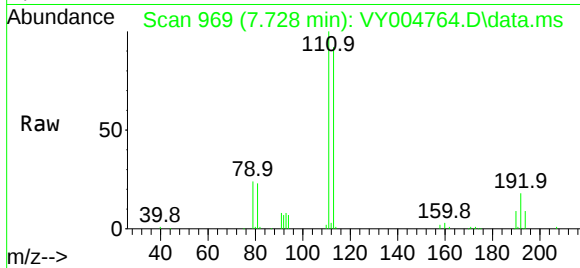




#35
Dibromofluoromethane
Concen: 57.86 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004764.D
Acq: 13 May 2021 14:49

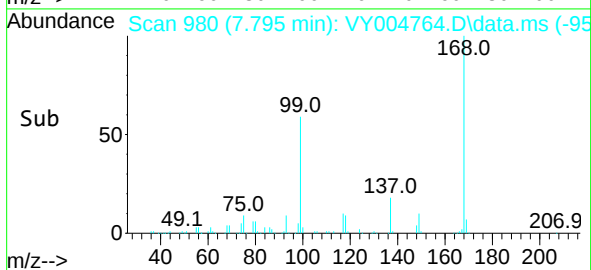
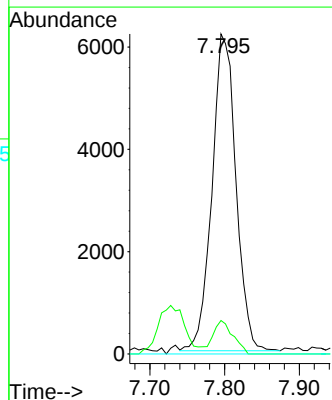
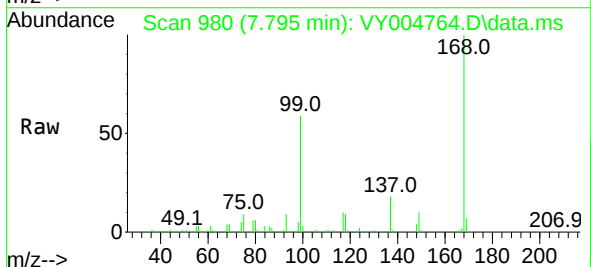
Instrument :
MSVOA_Y
ClientSampleId :

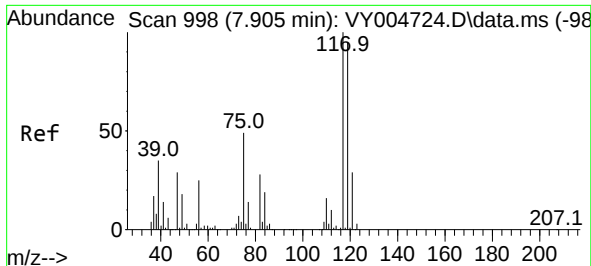
Tgt Ion:	113	Resp:	92817
Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.5	120.7
192	19.2	15.0	22.6



#36
1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004764.D
Acq: 13 May 2021 14:49

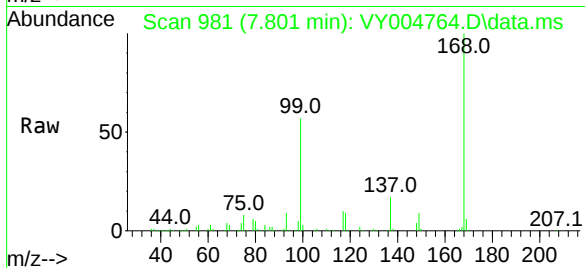
Tgt Ion:	75	Resp:	13769
Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.0	50.9#
77	0.0	25.0	37.4#



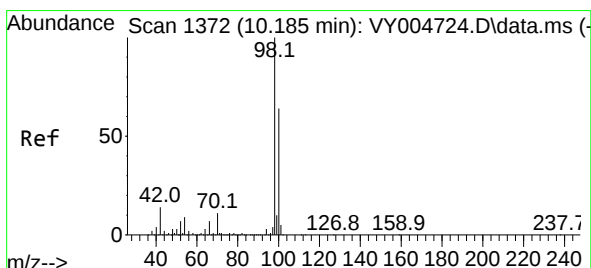
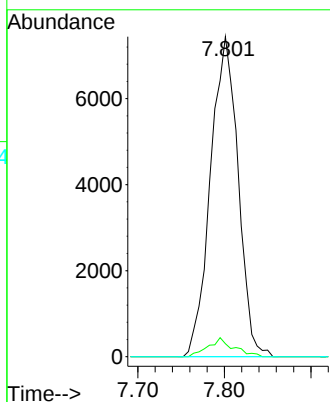
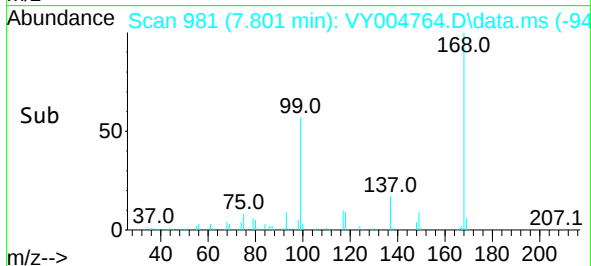


#38
Carbon Tetrachloride
Concen: 6.11 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY004764.D
Acq: 13 May 2021 14:49

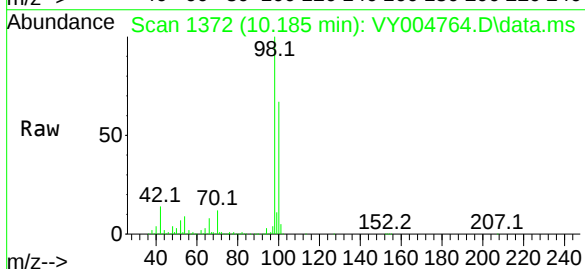
Instrument :
MSVOA_Y
ClientSampleId :



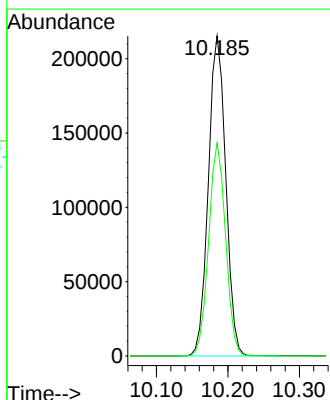
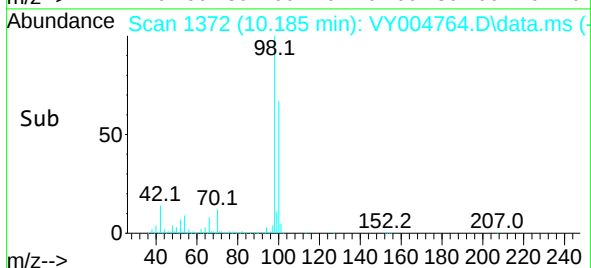
Tgt Ion:117 Resp: 16500
Ion Ratio Lower Upper
117 100
119 4.1 76.3 114.5#
121 0.0 23.0 34.6#

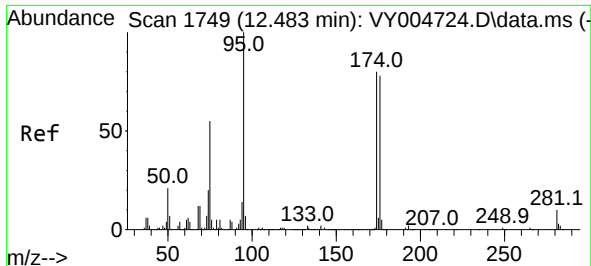


#50
Toluene-d8
Concen: 50.17 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004764.D
Acq: 13 May 2021 14:49



Tgt Ion: 98 Resp: 363586
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3

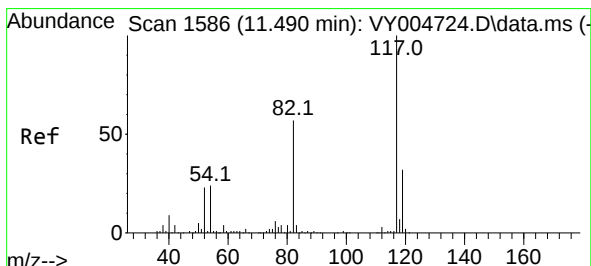
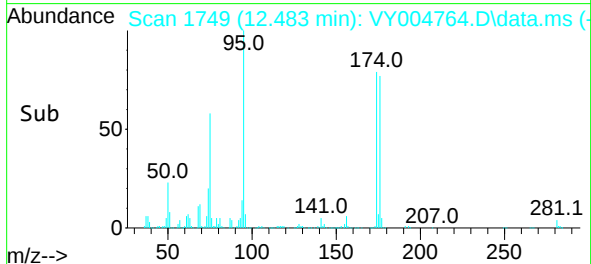
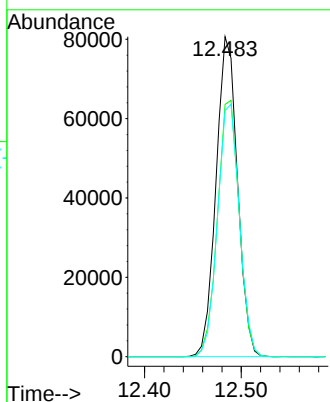
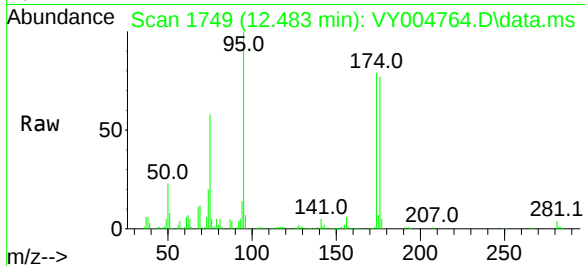




#62
4-Bromofluorobenzene
Concen: 50.69 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004764.D
Acq: 13 May 2021 14:49

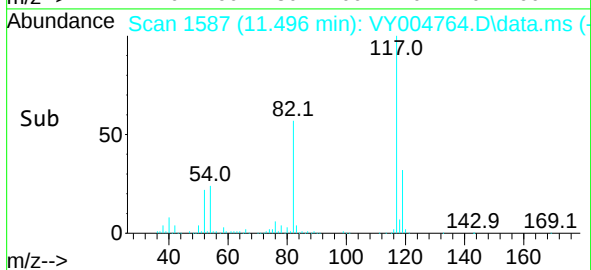
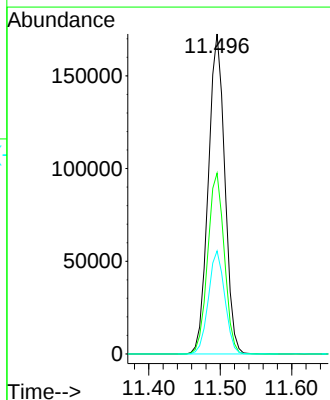
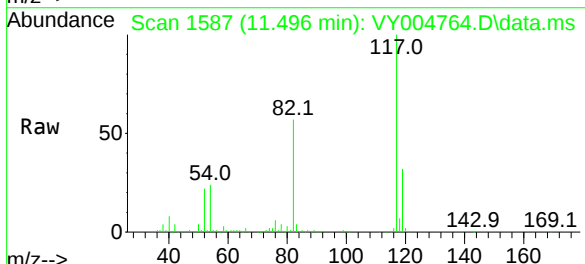
Instrument :
MSVOA_Y
ClientSampleId :

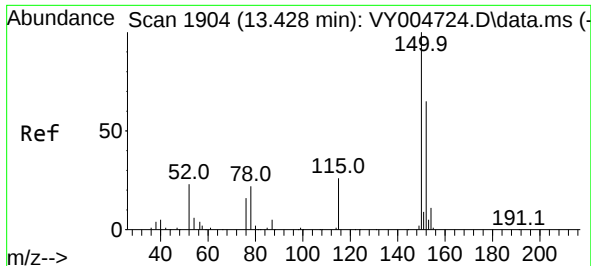
Tgt Ion: 95 Resp: 123967
Ion Ratio Lower Upper
95 100
174 81.2 0.0 164.2
176 80.4 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004764.D
Acq: 13 May 2021 14:49

Tgt Ion: 117 Resp: 276433
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.2
119 32.2 25.8 38.6

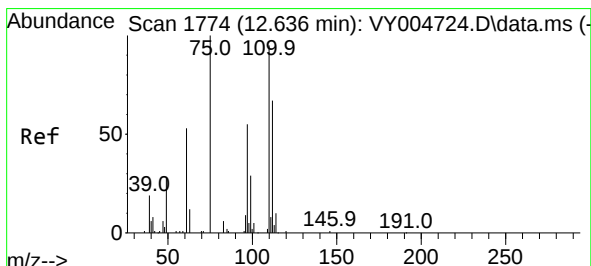
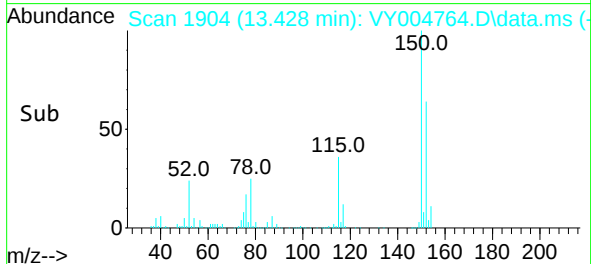
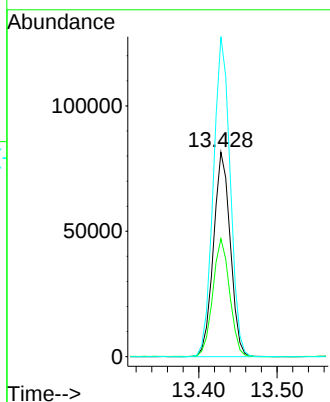
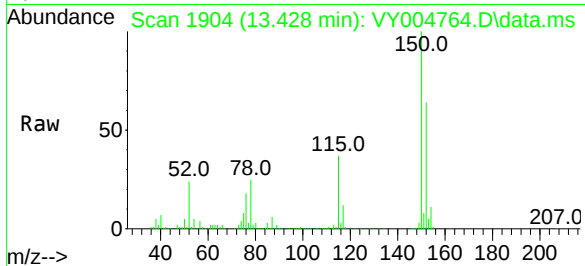




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004764.D
Acq: 13 May 2021 14:49

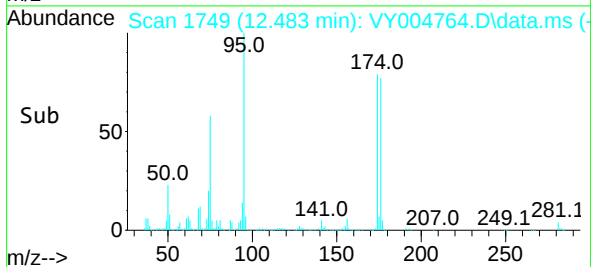
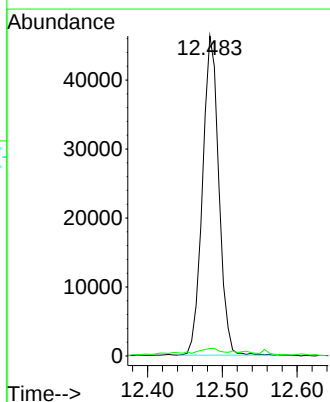
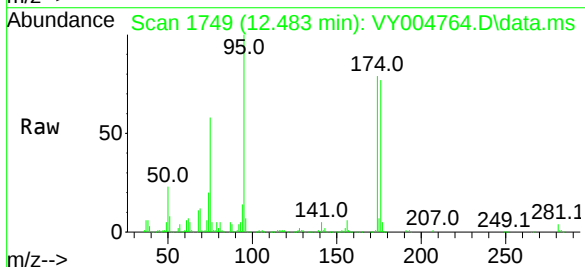
Instrument :
MSVOA_Y
ClientSampled :

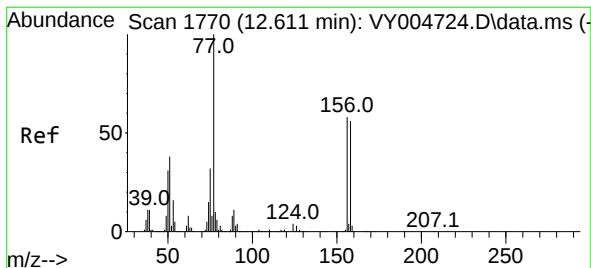
Tgt Ion:152 Resp: 121785
Ion Ratio Lower Upper
152 100
115 57.8 29.4 88.3
150 156.7 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 54.20 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004764.D
Acq: 13 May 2021 14:49

Tgt Ion: 75 Resp: 70105
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#

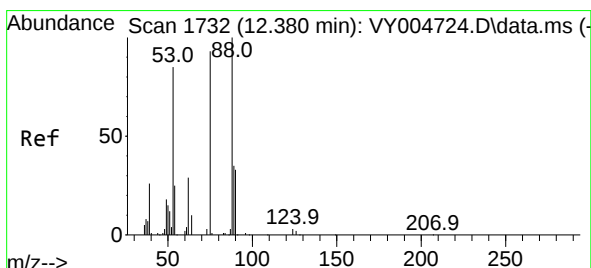
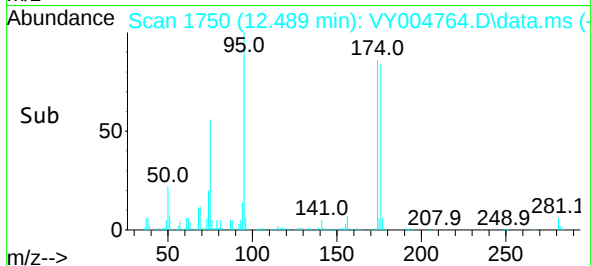
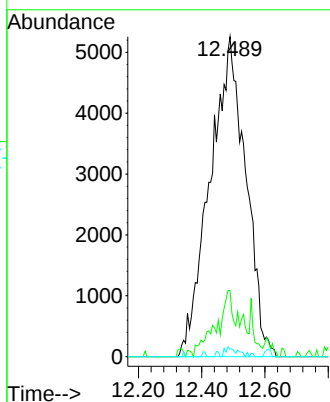
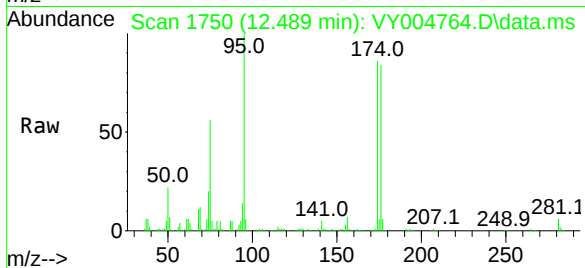




#77
Bromobenzene
Concen: 19.82 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.122 min
Lab File: VY004764.D
Acq: 13 May 2021 14:49

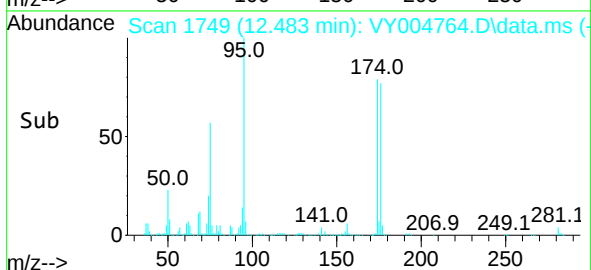
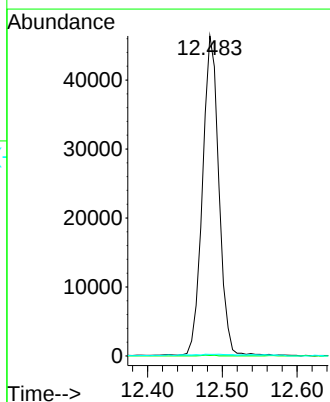
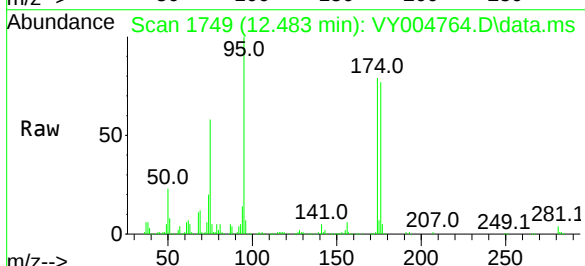
Instrument :
MSVOA_Y
ClientSampleId :

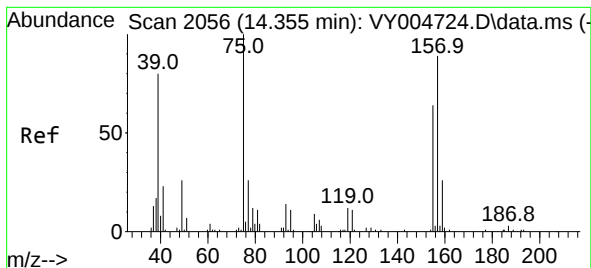
Tgt Ion:156 Resp: 41126
Ion Ratio Lower Upper
156 100
77 3.0 100.6 301.9#
158 0.7 48.8 146.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.97 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004764.D
Acq: 13 May 2021 14:49

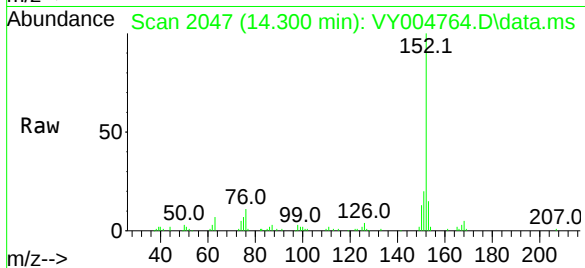
Tgt Ion: 75 Resp: 70105
Ion Ratio Lower Upper
75 100
53 0.2 73.9 110.9#
89 0.6 35.5 53.3#



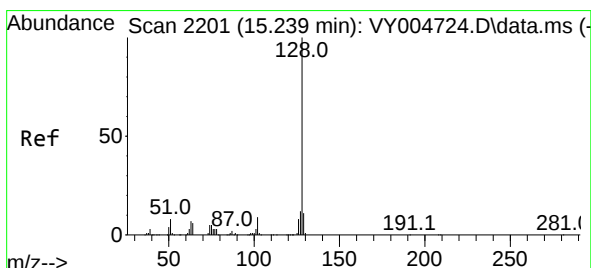
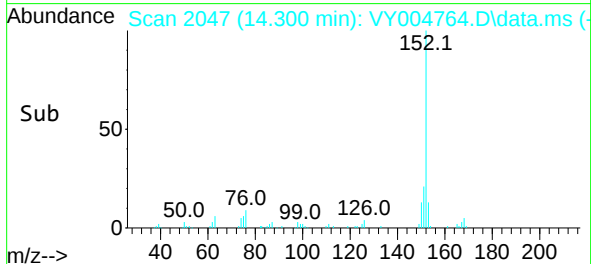
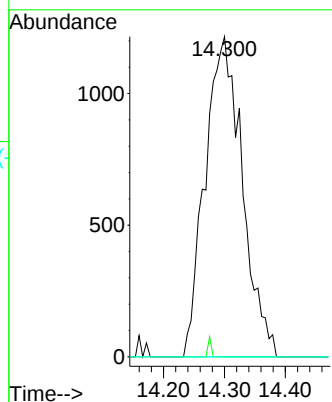


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.04 ug/l
RT: 14.300 min Scan# 2047
Delta R.T. -0.055 min
Lab File: VY004764.D
Acq: 13 May 2021 14:49

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 5152
Ion Ratio Lower Upper
75 100
155 0.0 39.0 117.0#
157 0.0 50.2 150.7#



#95
Naphthalene
Concen: 14.29 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004764.D
Acq: 13 May 2021 14:49

Tgt Ion: 128 Resp: 71508
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.2 8.6 13.0

