

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051421\
 Data File : VY004787.D
 Acq On : 14 May 2021 16:54
 Operator : SY/MD
 Sample : M2389-07RE
 Misc : 7.56G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 15 03:59:53 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)

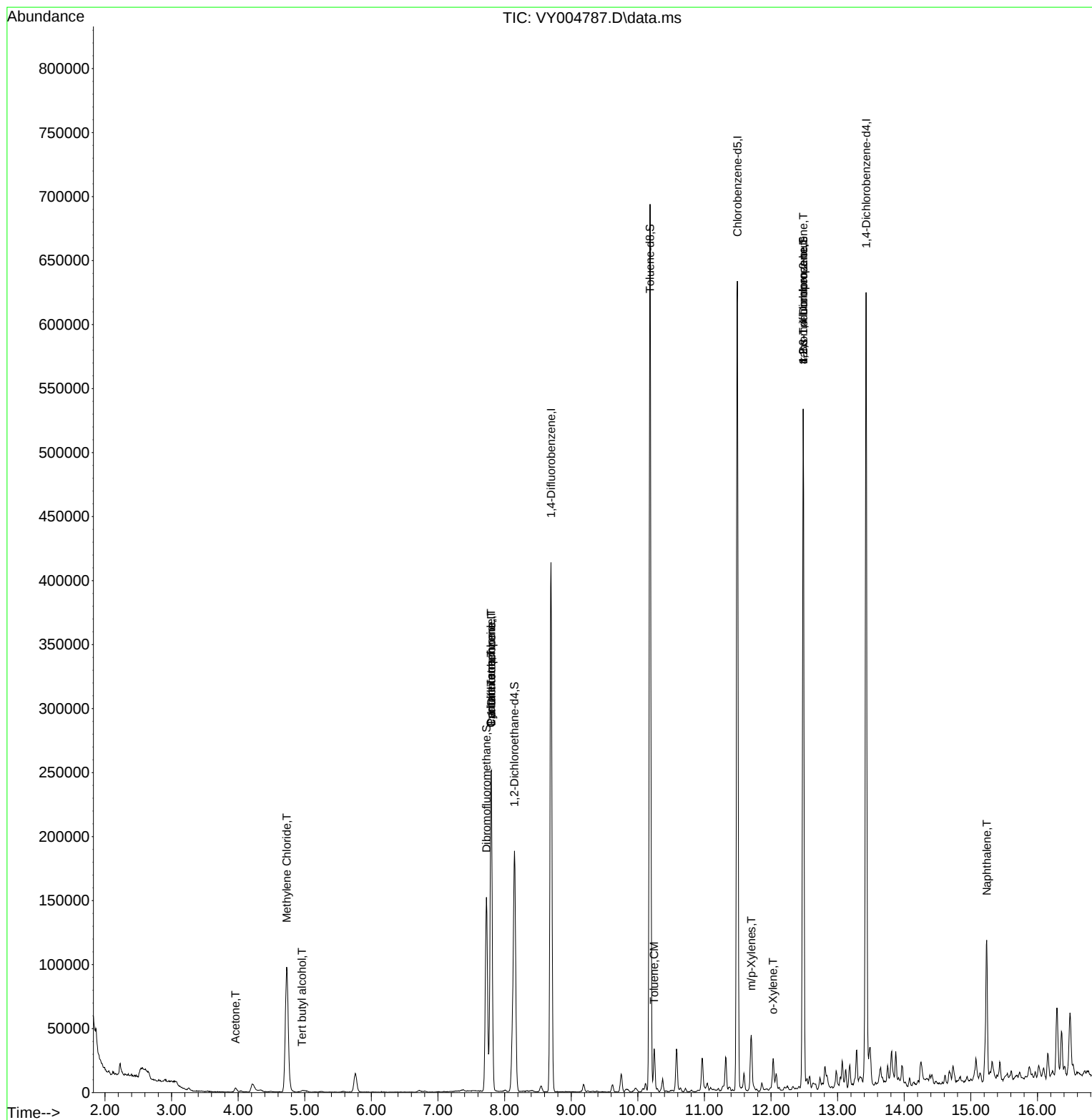
Internal Standards						
1) Pentafluorobenzene	7.801	168	183953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	336433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	324961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130705	59.69	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.38%			
35) Dibromofluoromethane	7.728	113	104348	56.66	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.32%			
50) Toluene-d8	10.185	98	416517	50.06	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.12%			
62) 4-Bromofluorobenzene	12.483	95	149531	53.25	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.50%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.960	59	2709	12.31	ug/l #	79
16) Acetone	3.960	43	5532	11.25	ug/l	95
20) Methylene Chloride	4.729	84	69417	26.42	ug/l	98
31) Cyclohexane	7.795	56	5337	1.51	ug/l #	10
36) 1,1-Dichloropropene	7.801	75	16261	4.72	ug/l #	51
38) Carbon Tetrachloride	7.795	117	19012	6.13	ug/l #	17
52) Toluene	10.246	92	12333	2.00	ug/l	98
68) m/p-Xylenes	11.703	106	11889	2.55	ug/l	100
69) o-Xylene	12.032	106	5241	1.20	ug/l	99
76) 1,2,3-Trichloropropane	12.483	75	82496	53.54	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	82496	92.83	ug/l #	13
95) Naphthalene	15.239	128	84735	14.22	ug/l	99

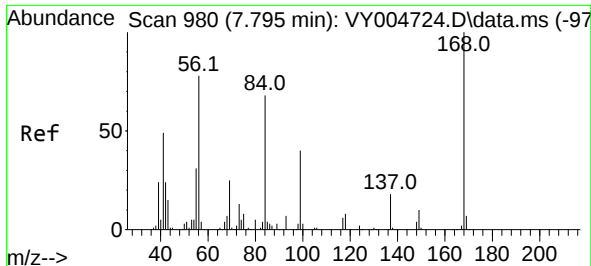
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051421\
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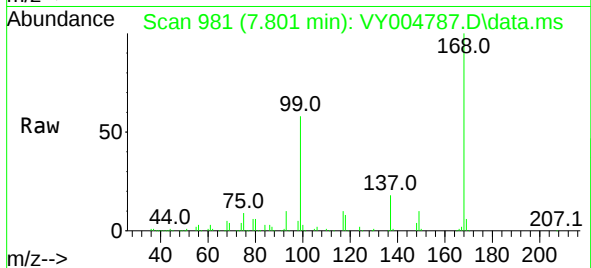
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration



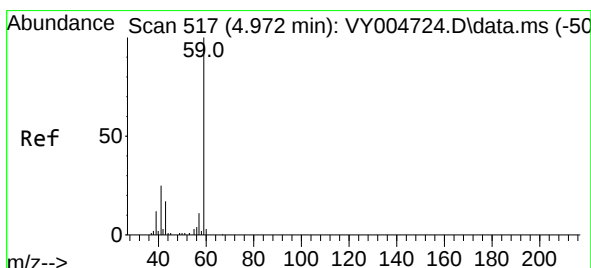
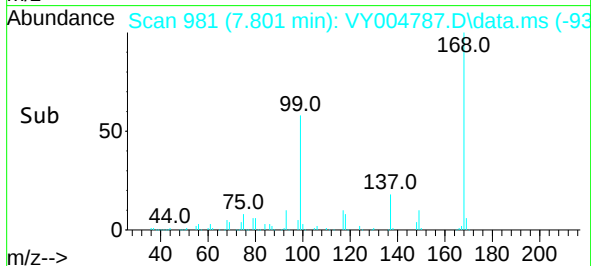
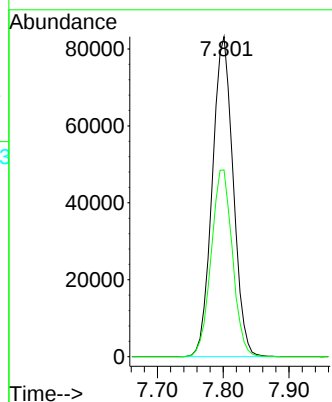


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

Instrument :
MSVOA_Y
ClientSampleId :

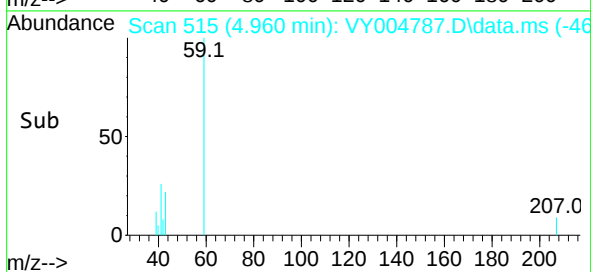
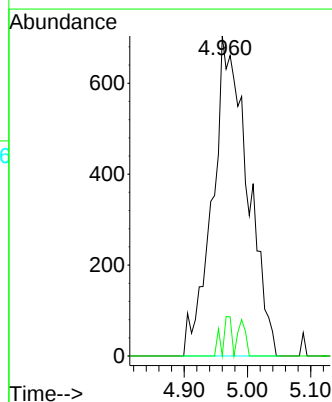
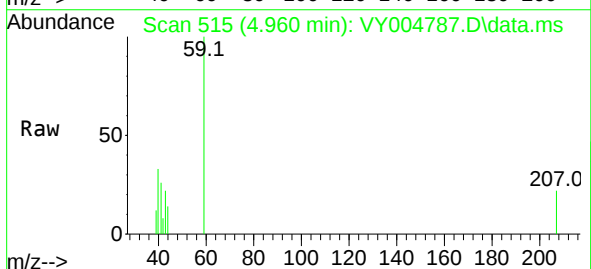


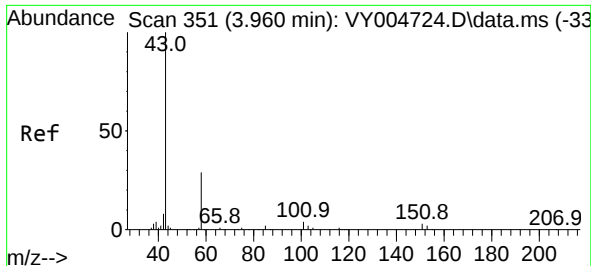
Tgt Ion:168 Resp: 183953
Ion Ratio Lower Upper
168 100
99 58.3 45.6 68.4



#11
Tert butyl alcohol
Concen: 12.31 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

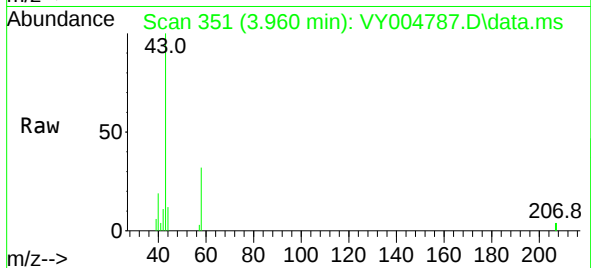
Tgt Ion: 59 Resp: 2709
Ion Ratio Lower Upper
59 100
57 3.1 8.7 13.1#



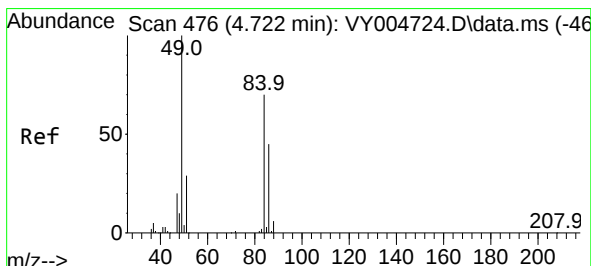
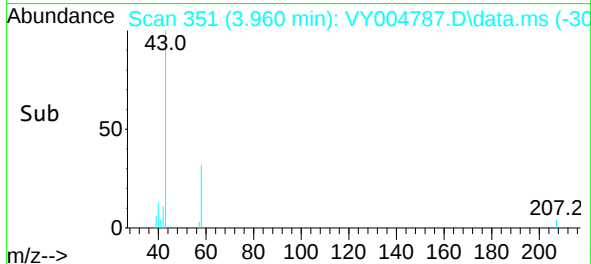
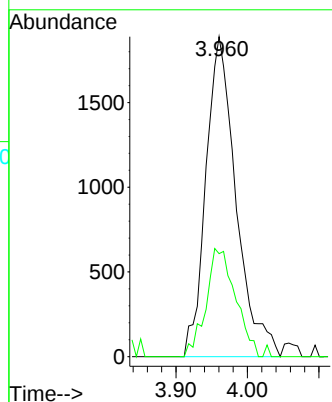


#16
Acetone
Concen: 11.25 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

Instrument :
MSVOA_Y
ClientSampled :

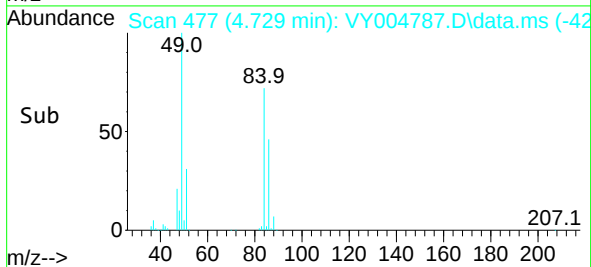
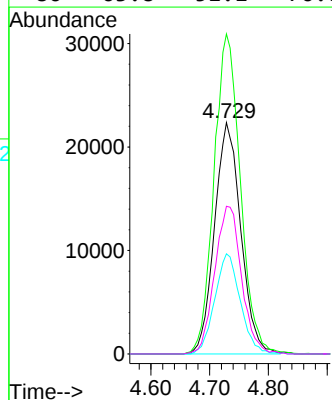
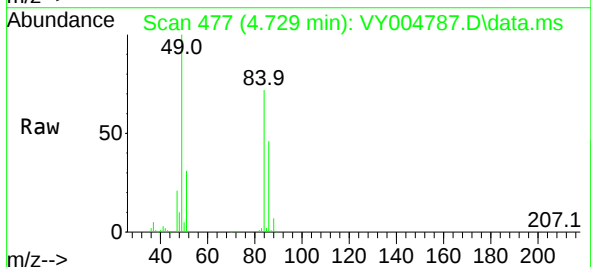


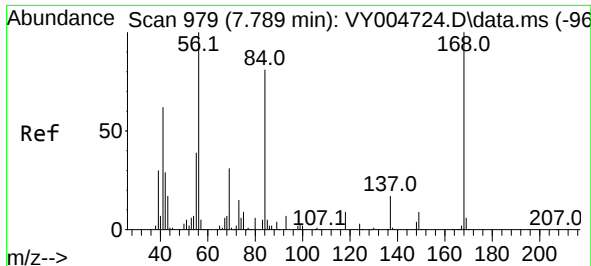
Tgt Ion: 43 Resp: 5532
Ion Ratio Lower Upper
43 100
58 32.2 23.6 35.4



#20
Methylene Chloride
Concen: 26.42 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

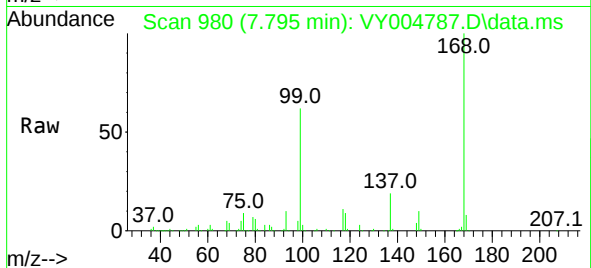
Tgt Ion: 84 Resp: 69417
Ion Ratio Lower Upper
84 100
49 138.3 113.8 170.8
51 43.3 33.5 50.3
86 63.8 51.1 76.7



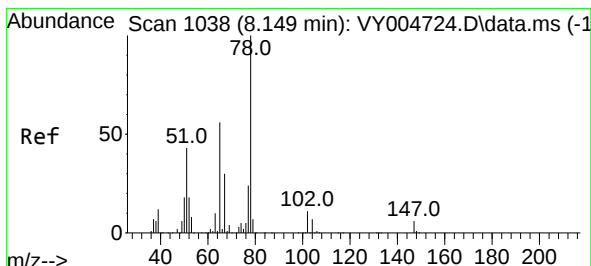
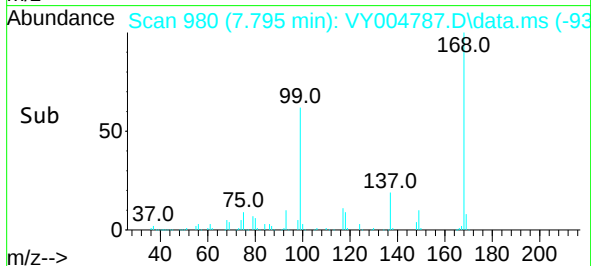
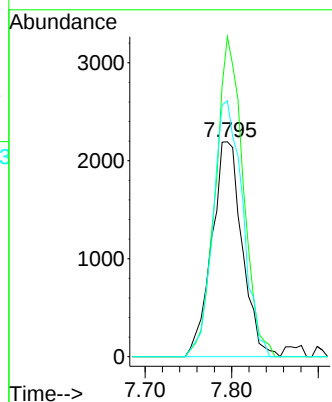


#31
Cyclohexane
Concen: 1.51 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

Instrument :
MSVOA_Y
ClientSampleId :

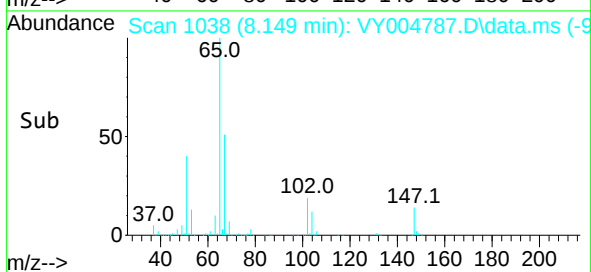
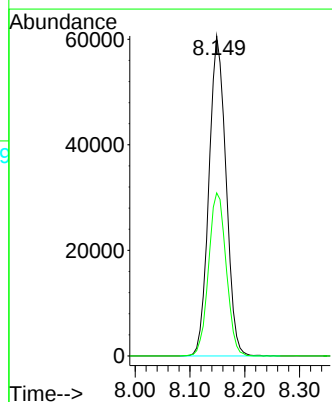
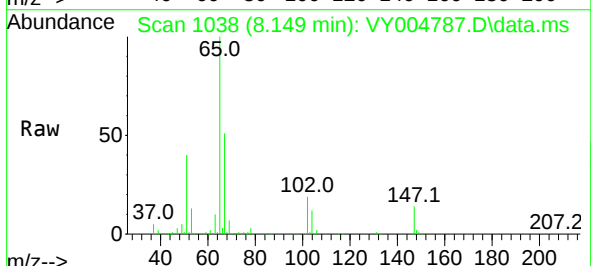


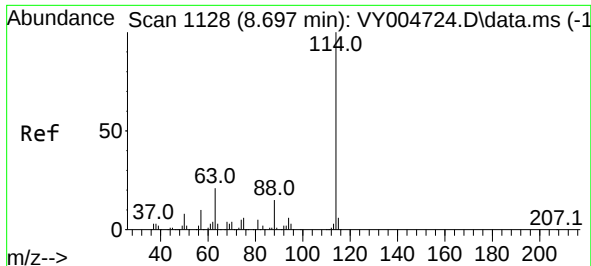
Tgt Ion: 56 Resp: 5337
Ion Ratio Lower Upper
56 100
69 148.9 24.4 36.6#
84 119.1 64.8 97.2#



#33
1,2-Dichloroethane-d4
Concen: 59.69 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

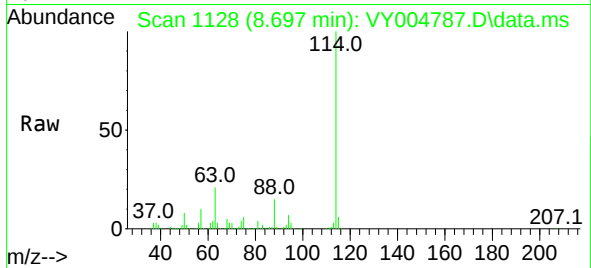
Tgt Ion: 65 Resp: 130705
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.0



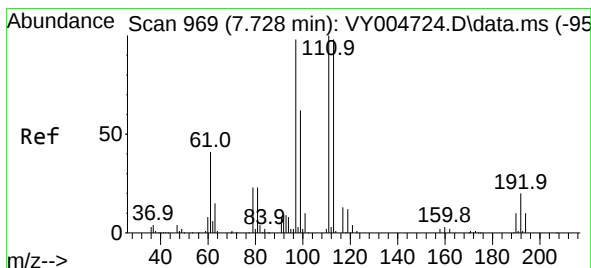
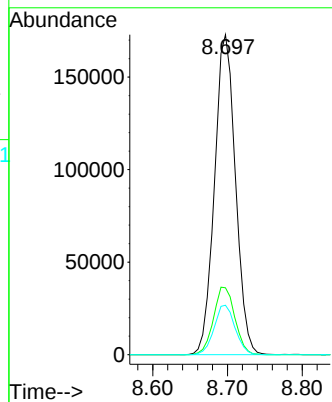
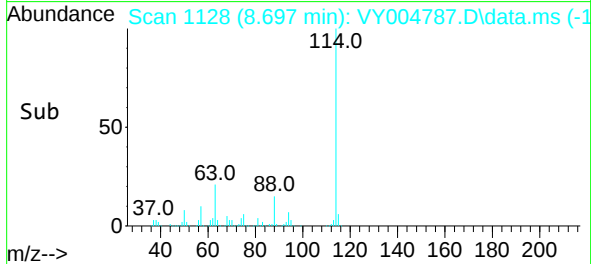


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

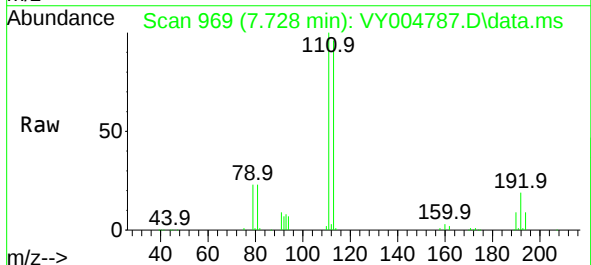
Instrument :
MSVOA_Y
ClientSampleId :



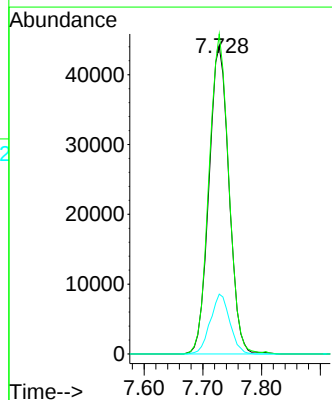
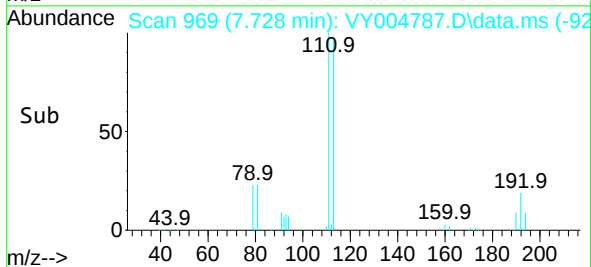
Tgt Ion:114 Resp: 336433
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.8
88 15.4 0.0 31.0

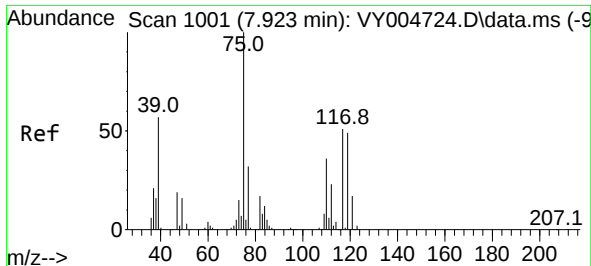


#35
Dibromofluoromethane
Concen: 56.66 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54



Tgt Ion:113 Resp: 104348
Ion Ratio Lower Upper
113 100
111 102.6 80.5 120.7
192 18.9 15.0 22.6

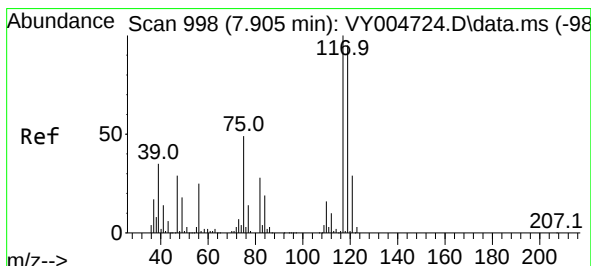
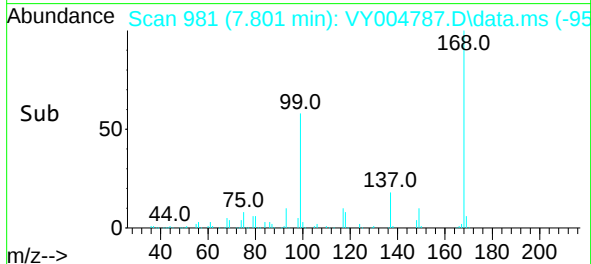
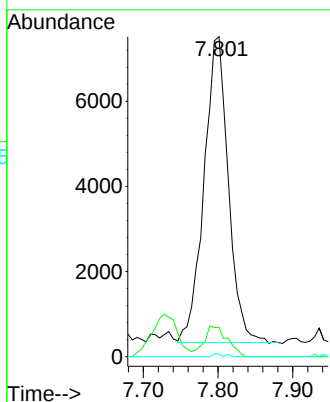
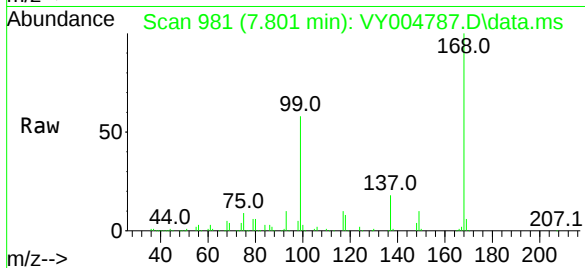




#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

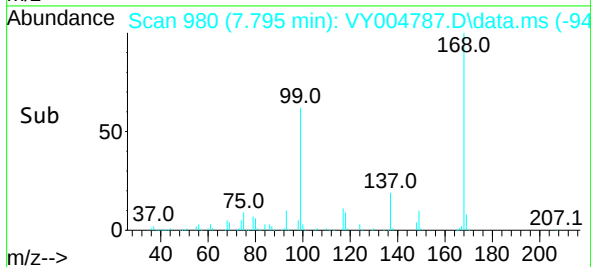
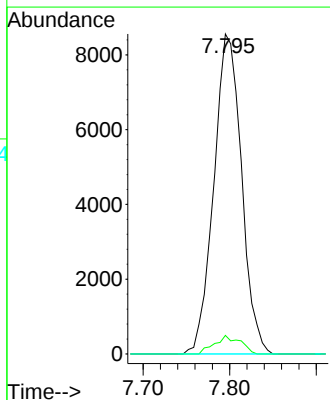
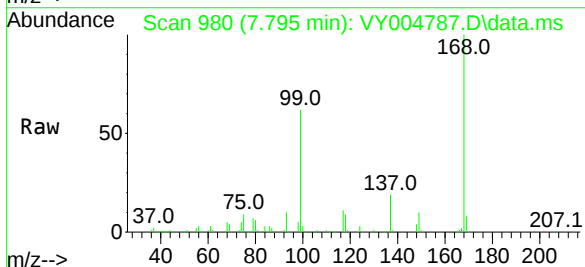
Instrument :
MSVOA_Y
ClientSampleId :

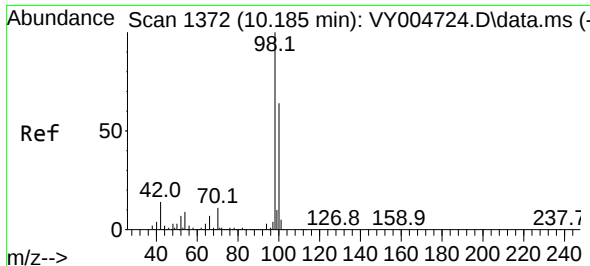
Tgt Ion: 75 Resp: 16261
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.13 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

Tgt Ion: 117 Resp: 19012
Ion Ratio Lower Upper
117 100
119 5.8 76.3 114.5#
121 0.0 23.0 34.6#

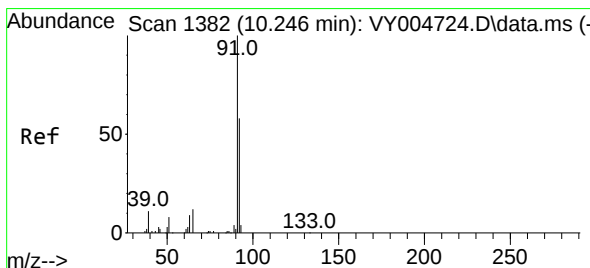
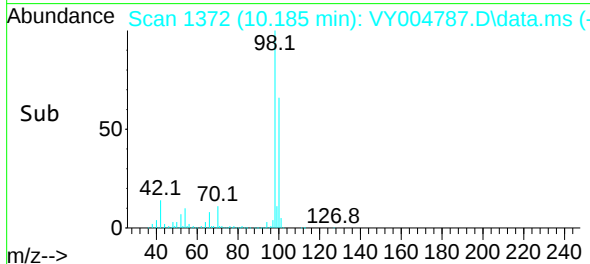
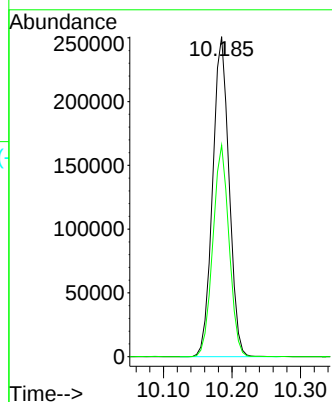
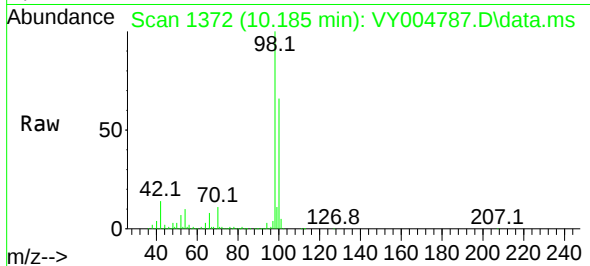




#50
Toluene-d8
Concen: 50.06 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

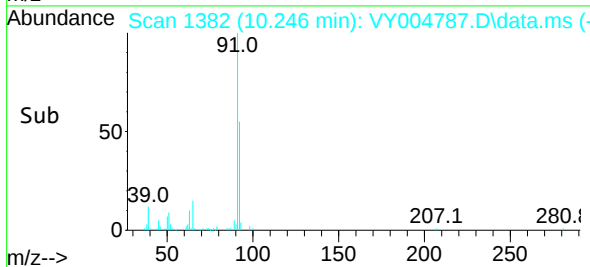
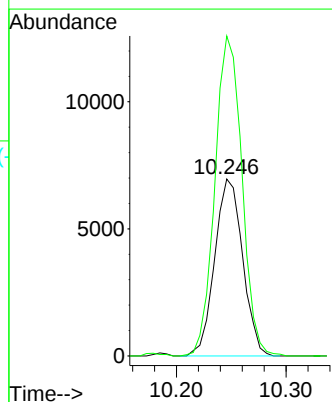
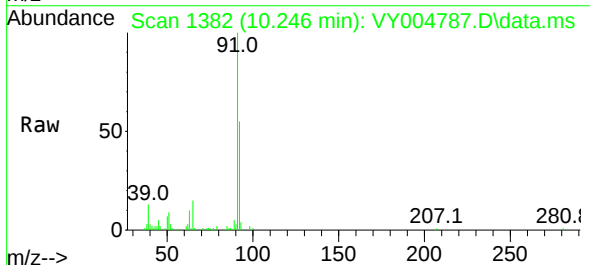
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MSVOA_Y
ClientSampled :

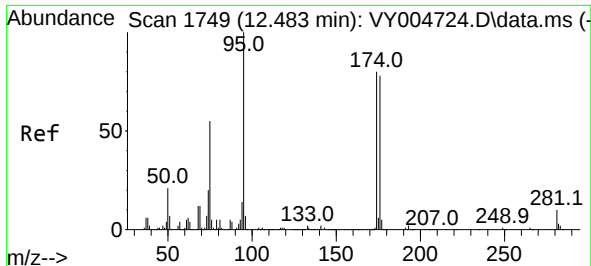
Tgt Ion: 98 Resp: 416517
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



#52
Toluene
Concen: 2.00 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

Tgt Ion: 92 Resp: 12333
Ion Ratio Lower Upper
92 100
91 174.9 138.2 207.4

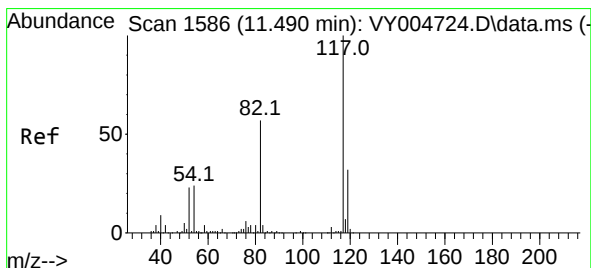
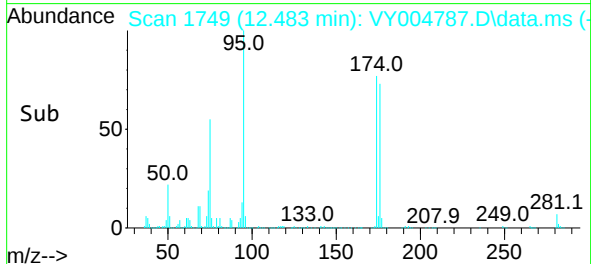
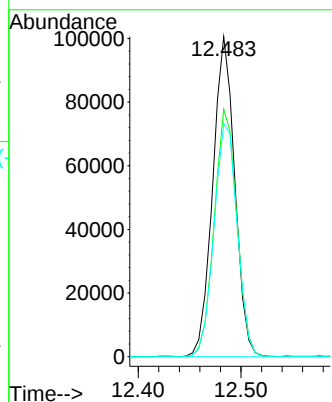
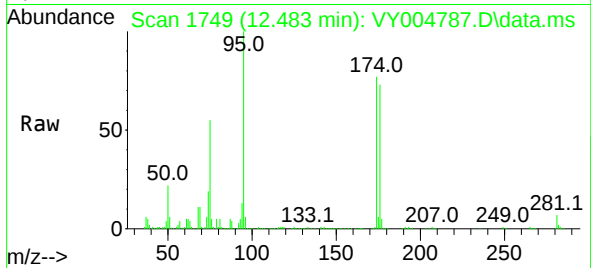




#62
4-Bromofluorobenzene
Concen: 53.25 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

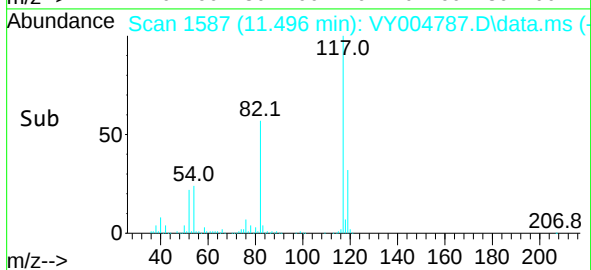
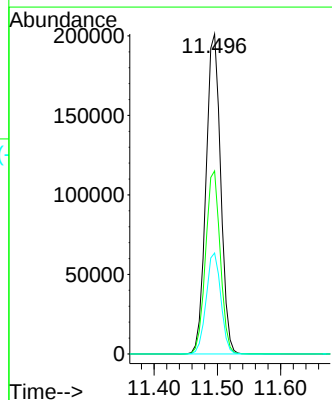
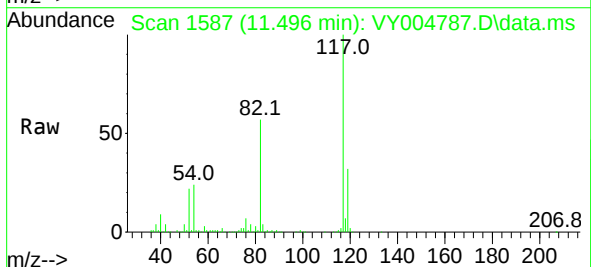
Instrument :
MSVOA_Y
ClientSampleId :

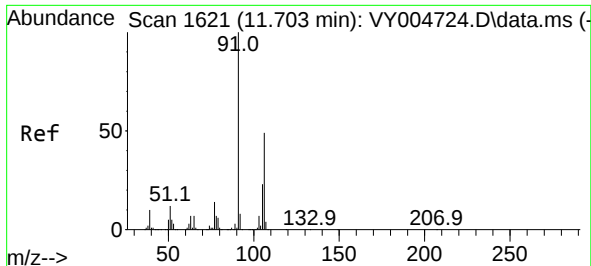
Tgt Ion: 95 Resp: 149531
Ion Ratio Lower Upper
95 100
174 79.3 0.0 164.2
176 76.8 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

Tgt Ion: 117 Resp: 324961
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 31.5 25.8 38.6

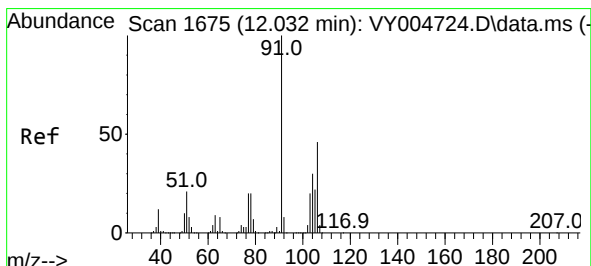
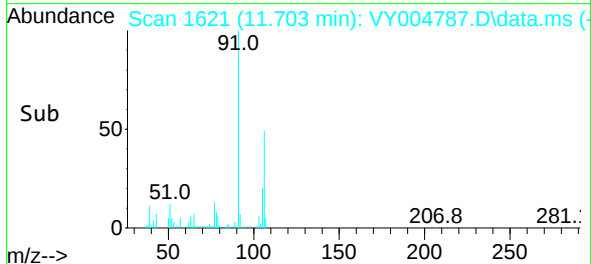
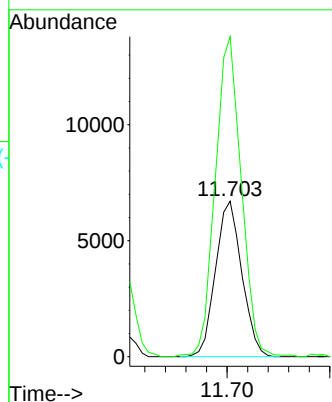
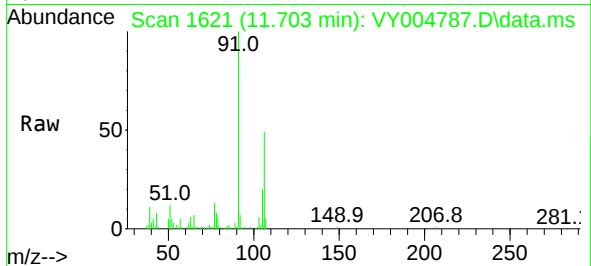




#68
m/p-Xylenes
Concen: 2.55 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

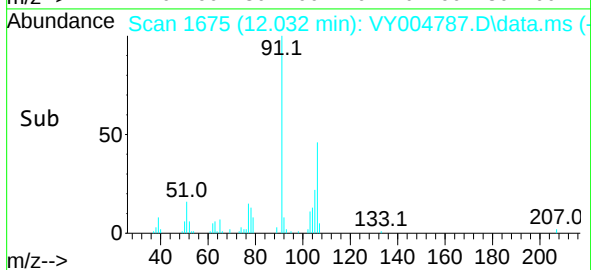
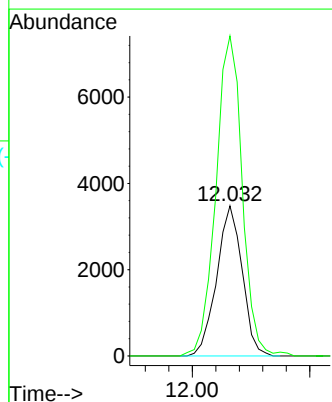
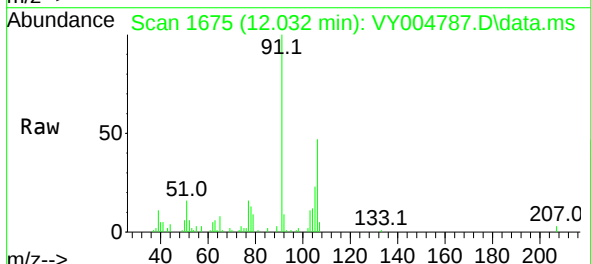
Instrument :
MSVOA_Y
ClientSampleId :

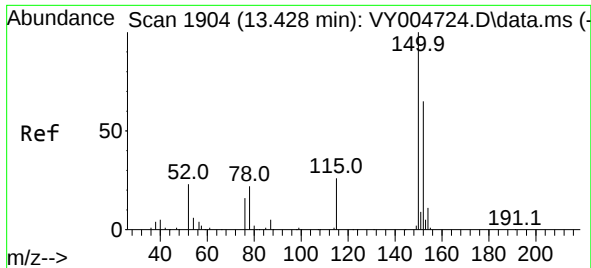
Tgt Ion:106 Resp: 11889
Ion Ratio Lower Upper
106 100
91 203.8 163.6 245.4



#69
o-Xylene
Concen: 1.20 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

Tgt Ion:106 Resp: 5241
Ion Ratio Lower Upper
106 100
91 220.2 108.9 326.7

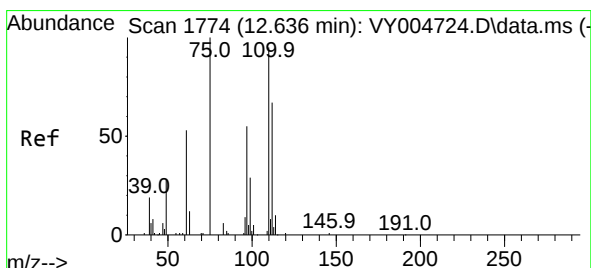
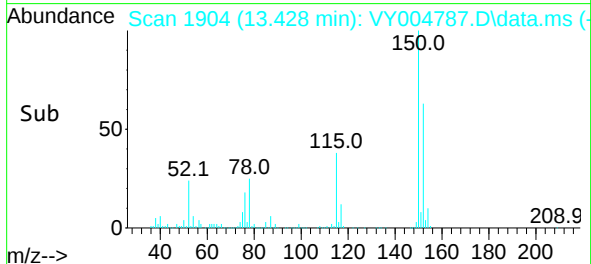
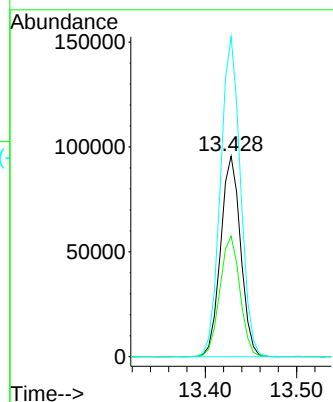
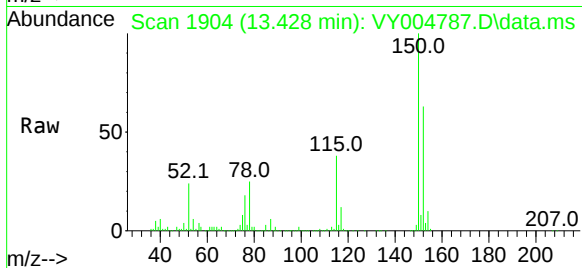




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004787.D
 Acq: 14 May 2021 16:54

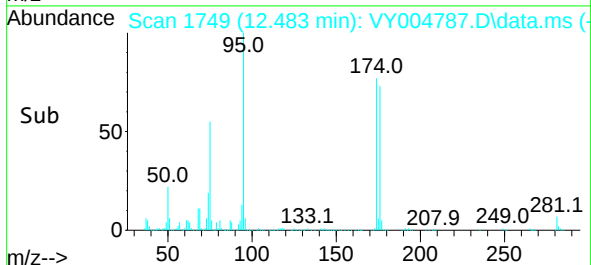
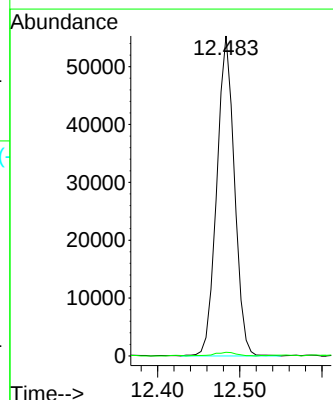
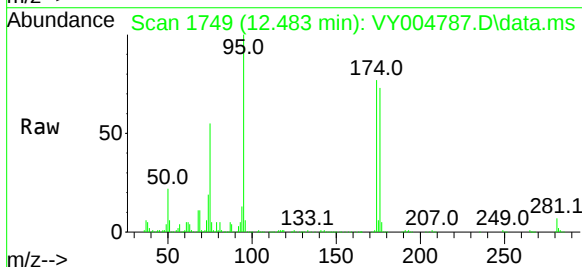
Instrument :
 MSVOA_Y
 ClientSampleId :

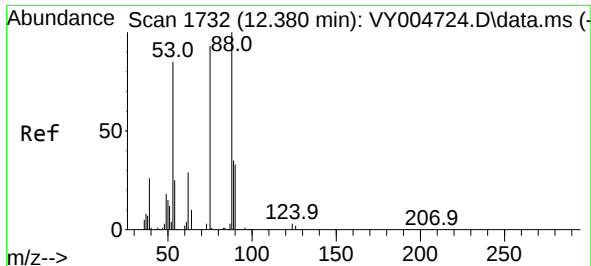
Tgt Ion:152 Resp: 145078
 Ion Ratio Lower Upper
 152 100
 115 60.5 29.4 88.3
 150 159.6 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 53.54 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004787.D
 Acq: 14 May 2021 16:54

Tgt Ion: 75 Resp: 82496
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

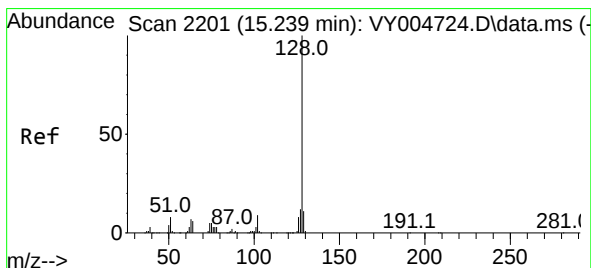
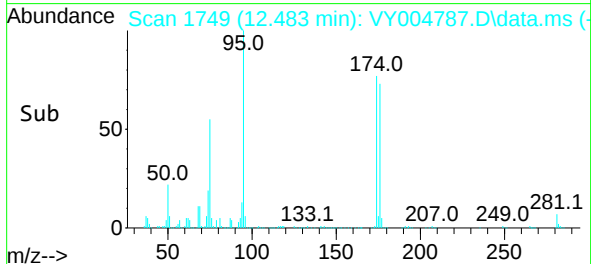
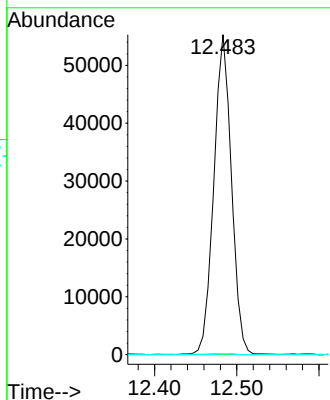
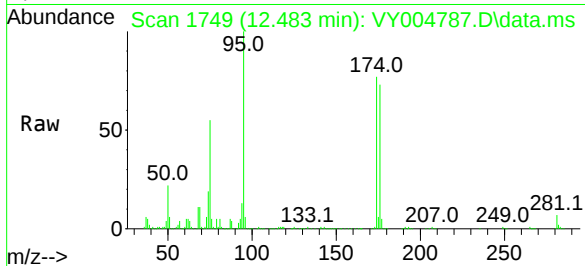




#81
trans-1,4-Dichloro-2-butene
Concen: 92.83 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 82496
Ion Ratio Lower Upper
75 100
53 0.4 73.9 110.9#
89 0.3 35.5 53.3#



#95
Naphthalene
Concen: 14.22 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

Tgt Ion:128 Resp: 84735
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.7 8.6 13.0

