

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051421\
 Data File : VY004780.D
 Acq On : 14 May 2021 14:12
 Operator : SY/MD
 Sample : M2392-01
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-3.5-4.0

Quant Time: May 15 03:57:59 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)

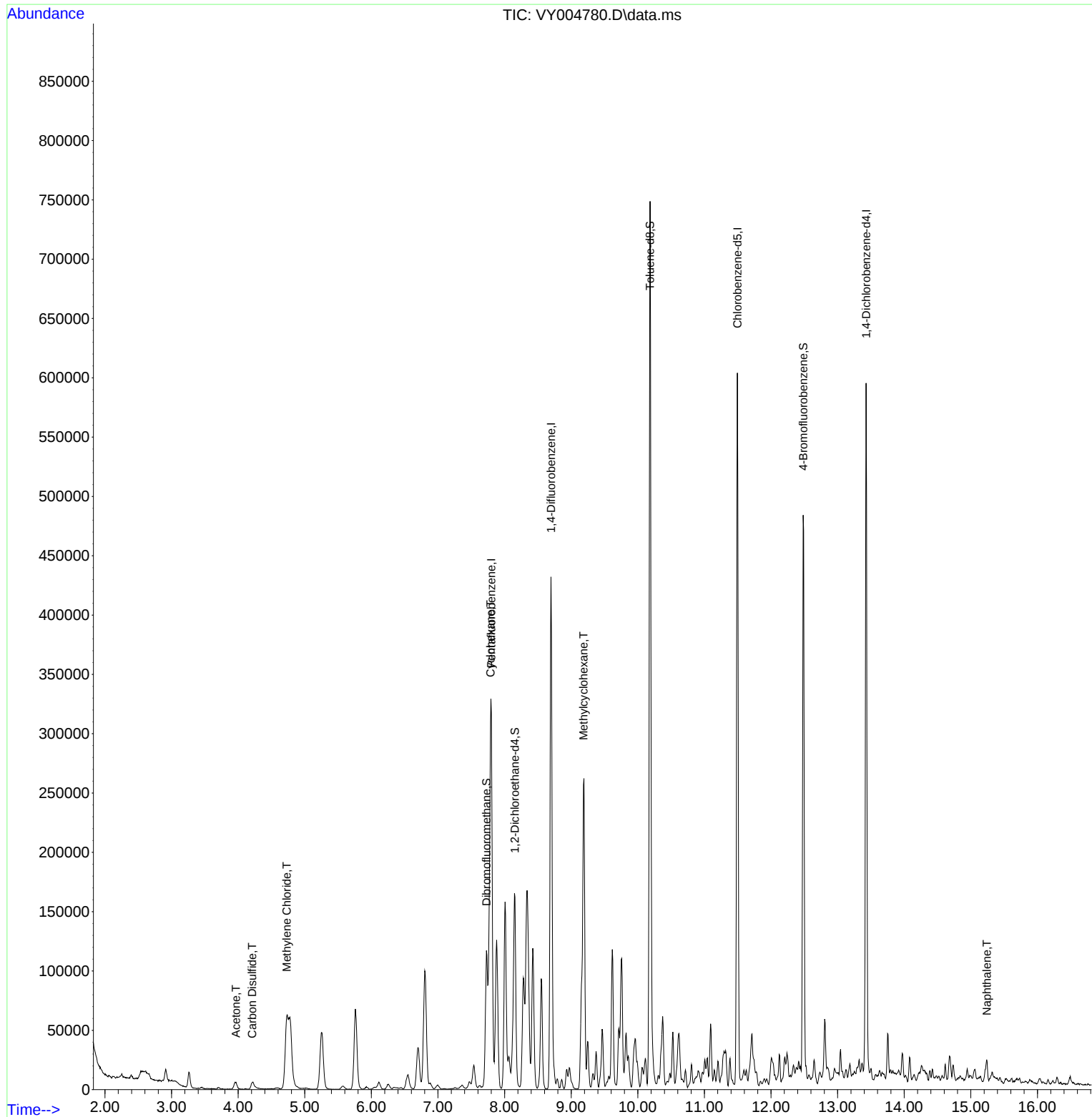
Internal Standards						
1) Pentafluorobenzene	7.801	168	176304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	319300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	303034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136408	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	119111	56.76	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.52%			
35) Dibromofluoromethane	7.728	113	76620	43.83	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 87.66%			
50) Toluene-d8	10.185	98	405809	51.39	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.78%			
62) 4-Bromofluorobenzene	12.483	95	138694	52.04	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.08%			
Target Compounds					Qvalue	
16) Acetone	3.966	43	8946	18.98	ug/l	96
17) Carbon Disulfide	4.210	76	6586	1.24	ug/l	97
20) Methylene Chloride	4.729	84	35168	9.12	ug/l	93
31) Cyclohexane	7.789	56	61362	18.06	ug/l	91
39) Methylcyclohexane	9.185	83	101694	28.50	ug/l	99
95) Naphthalene	15.239	128	13817	2.47	ug/l	99

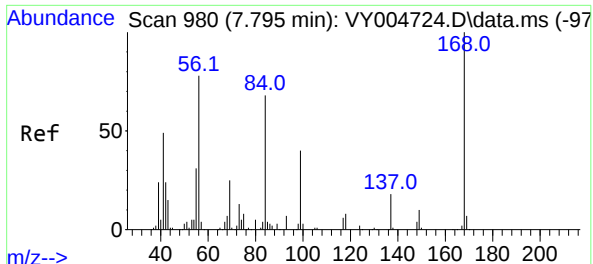
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-01-3.5-4.0

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
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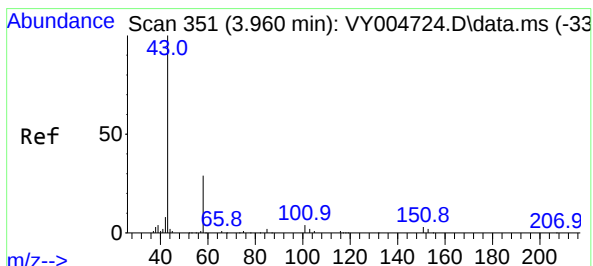
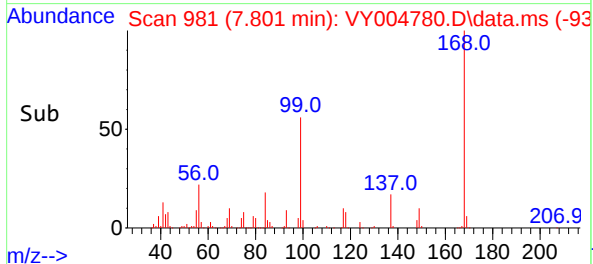
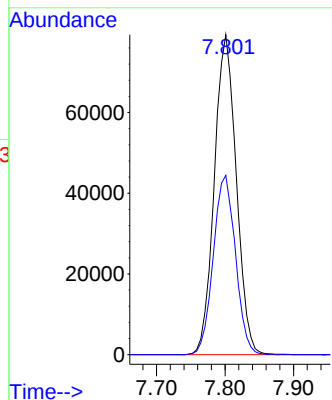
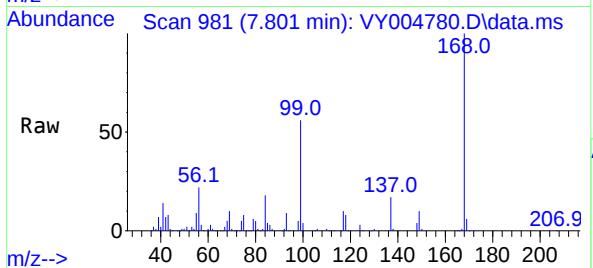




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004780.D
Acq: 14 May 2021 14:12

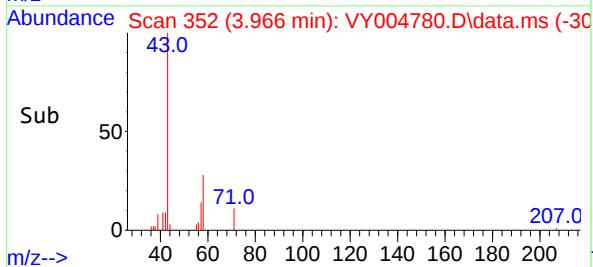
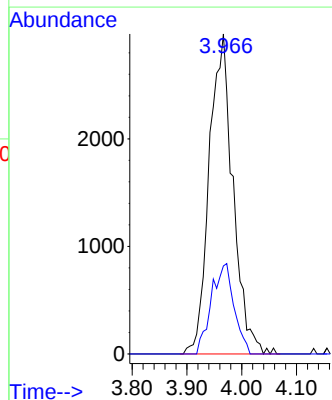
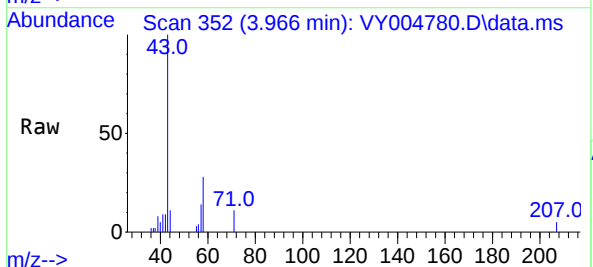
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-3.5-4.0

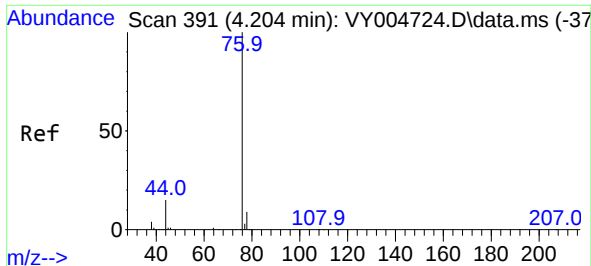
Tgt Ion:168 Resp: 176304
Ion Ratio Lower Upper
168 100
99 56.0 45.6 68.4



#16
Acetone
Concen: 18.98 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004780.D
Acq: 14 May 2021 14:12

Tgt Ion: 43 Resp: 8946
Ion Ratio Lower Upper
43 100
58 27.5 23.6 35.4

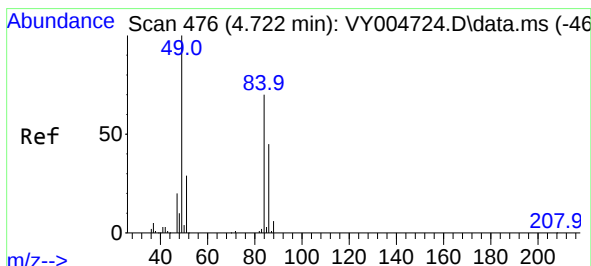
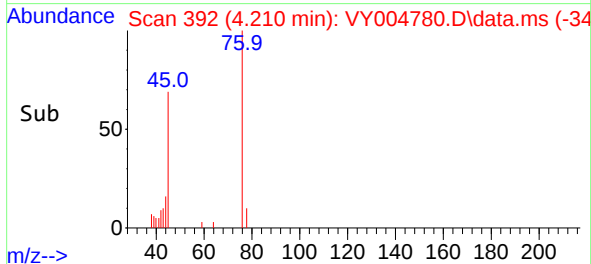
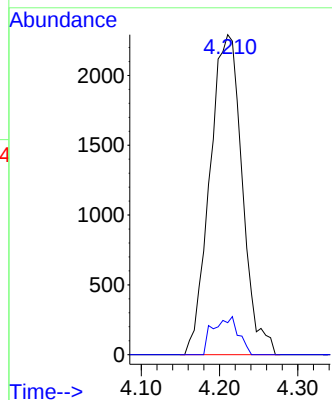
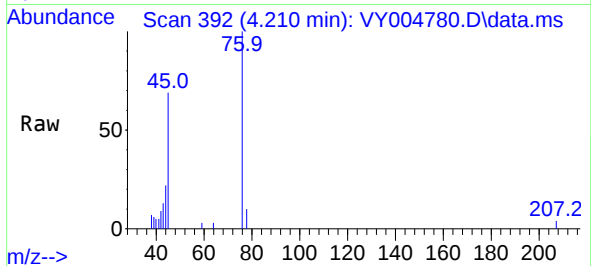




#17
Carbon Disulfide
Concen: 1.24 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY004780.D
Acq: 14 May 2021 14:12

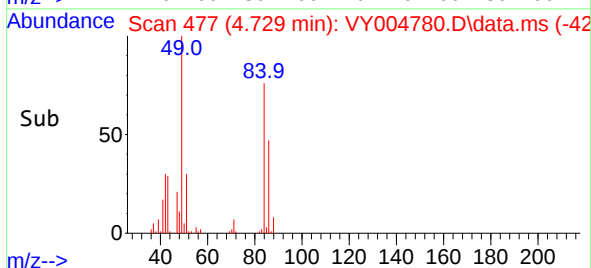
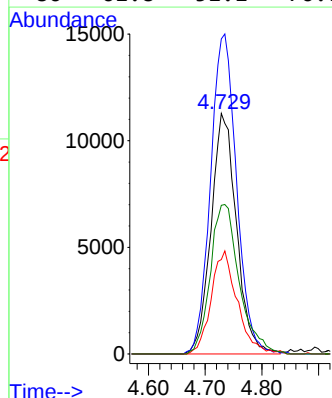
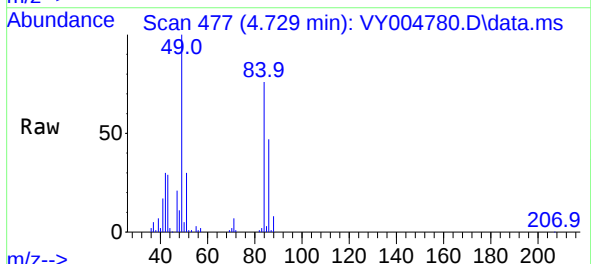
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-3.5-4.0

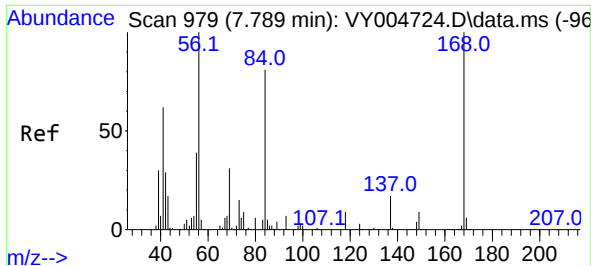
Tgt Ion: 76 Resp: 6586
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8



#20
Methylene Chloride
Concen: 9.12 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY004780.D
Acq: 14 May 2021 14:12

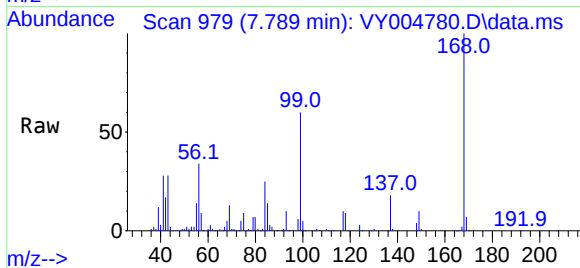
Tgt Ion: 84 Resp: 35168
Ion Ratio Lower Upper
84 100
49 131.0 113.8 170.8
51 39.2 33.5 50.3
86 61.8 51.1 76.7



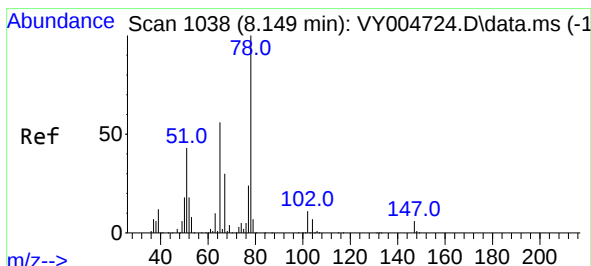
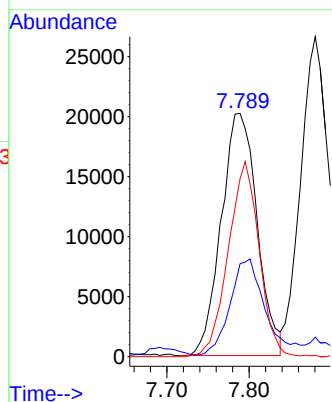
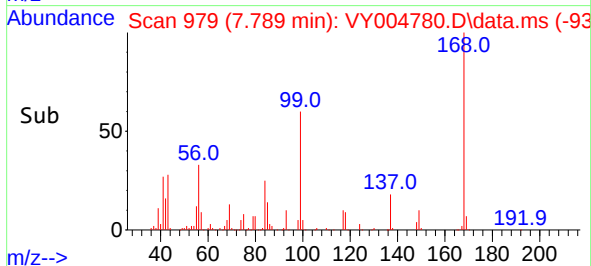


#31
Cyclohexane
Concen: 18.06 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY004780.D
Acq: 14 May 2021 14:12

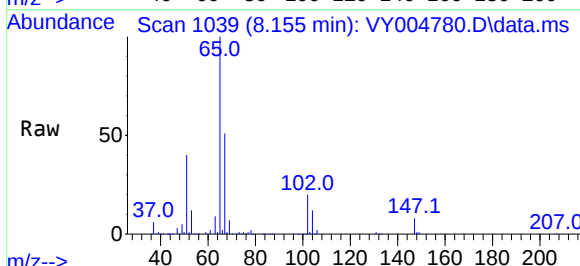
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-3.5-4.0



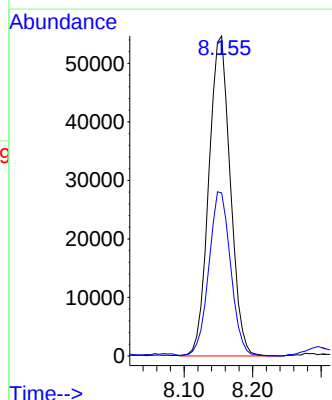
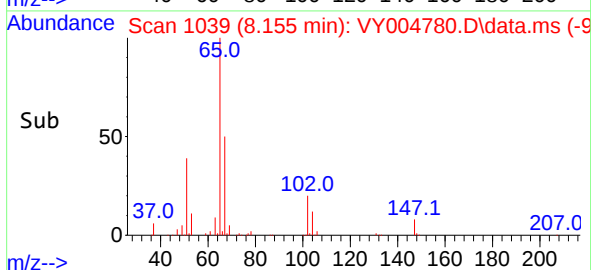
Tgt Ion: 56 Resp: 61362
Ion Ratio Lower Upper
56 100
69 36.3 24.4 36.6
84 73.4 64.8 97.2

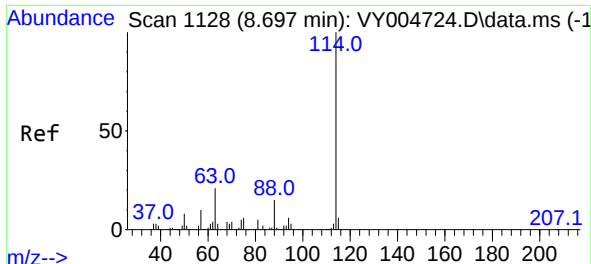


#33
1,2-Dichloroethane-d4
Concen: 56.76 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004780.D
Acq: 14 May 2021 14:12



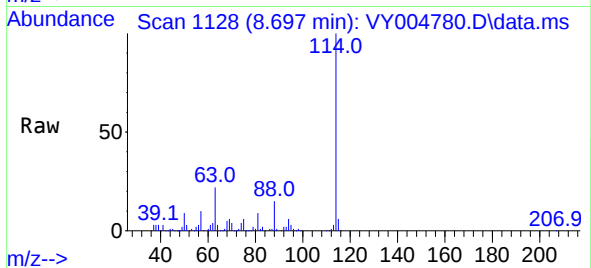
Tgt Ion: 65 Resp: 119111
Ion Ratio Lower Upper
65 100
67 52.1 0.0 108.0



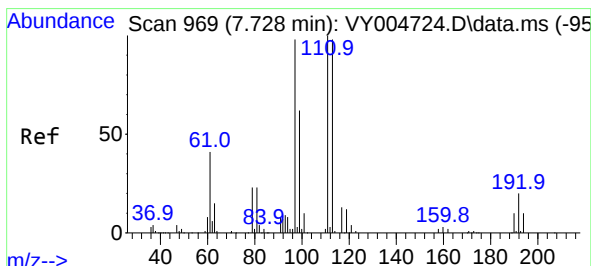
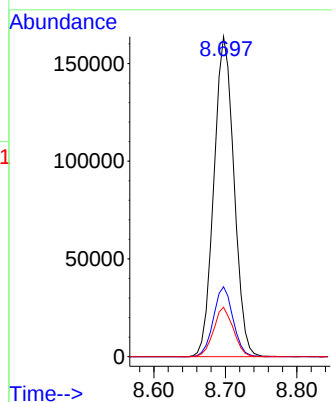
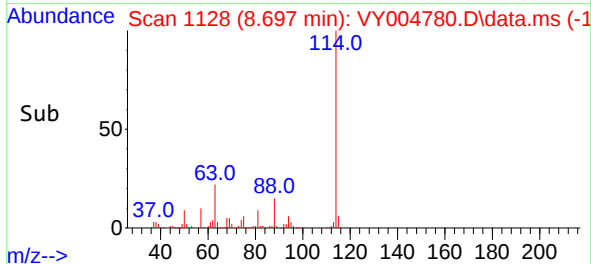


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004780.D
Acq: 14 May 2021 14:12

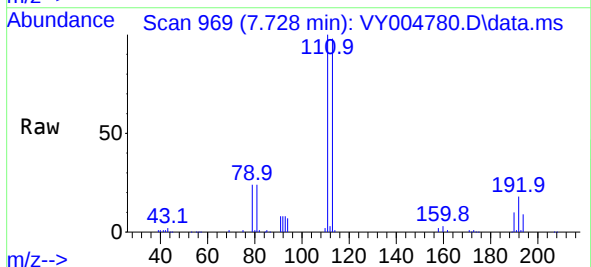
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-3.5-4.0



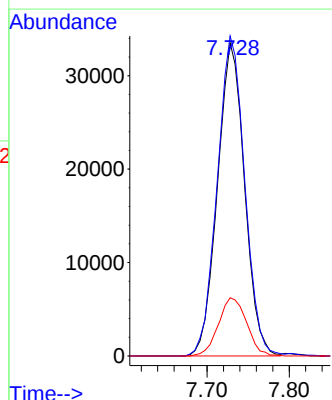
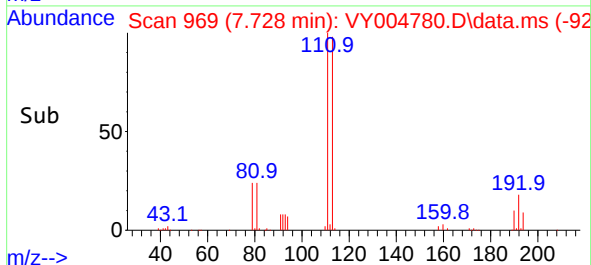
Tgt Ion:114 Resp: 319300
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.8
88 15.4 0.0 31.0

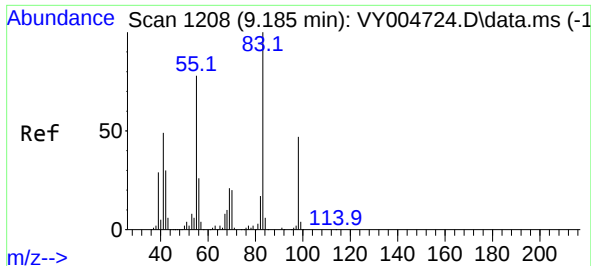


#35
Dibromofluoromethane
Concen: 43.83 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004780.D
Acq: 14 May 2021 14:12



Tgt Ion:113 Resp: 76620
Ion Ratio Lower Upper
113 100
111 104.3 80.5 120.7
192 19.4 15.0 22.6



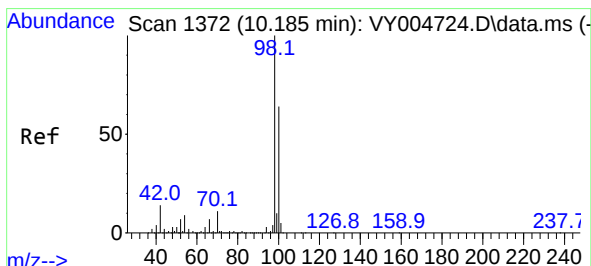
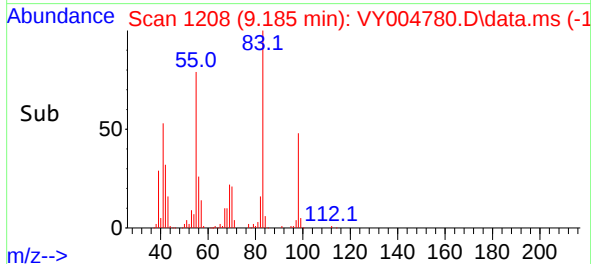
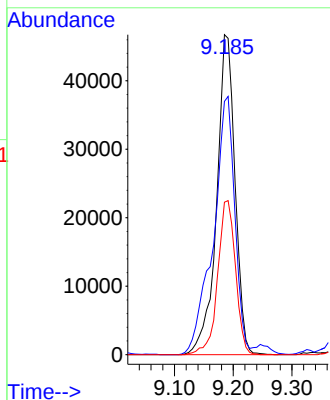
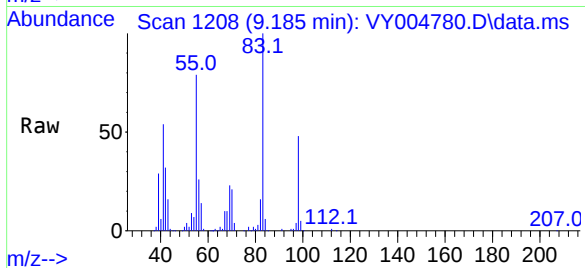


#39
Methylcyclohexane
Concen: 28.50 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY004780.D
Acq: 14 May 2021 14:12

Instrument :
MSVOA_Y
ClientSampled :
SB-01-3.5-4.0

Tgt Ion: 83 Resp: 101694

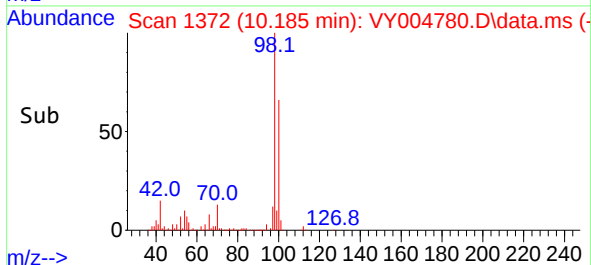
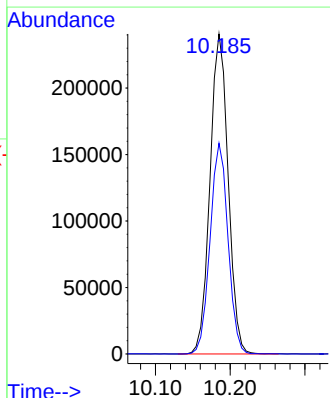
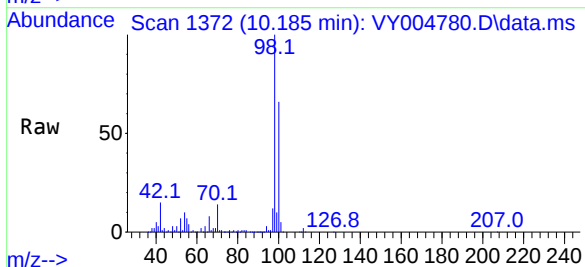
Ion	Ratio	Lower	Upper
83	100		
55	79.1	62.6	94.0
98	47.6	37.8	56.6

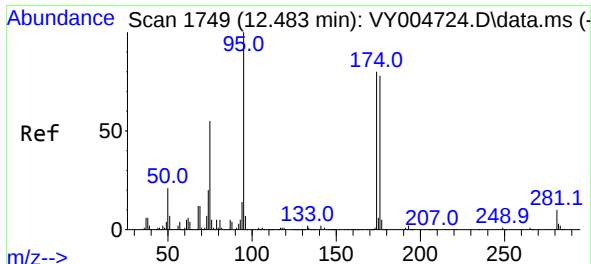


#50
Toluene-d8
Concen: 51.39 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004780.D
Acq: 14 May 2021 14:12

Tgt Ion: 98 Resp: 405809

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.5	77.3

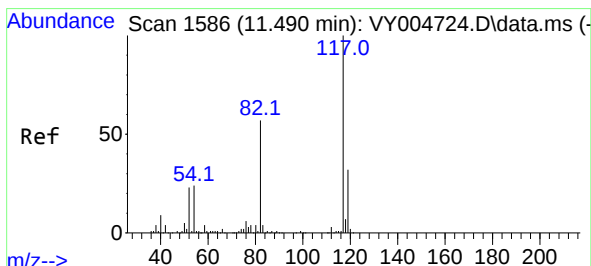
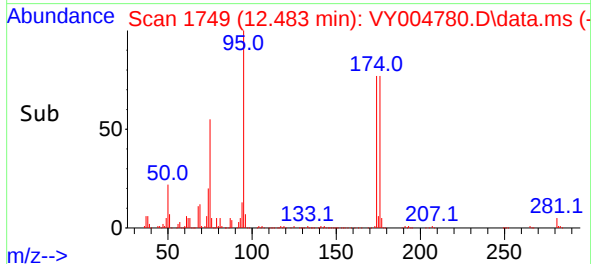
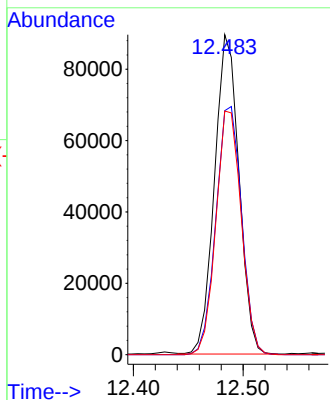
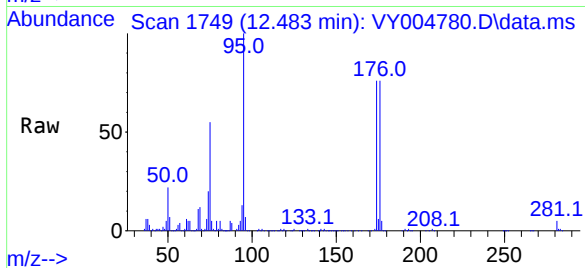




#62
4-Bromofluorobenzene
Concen: 52.04 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004780.D
Acq: 14 May 2021 14:12

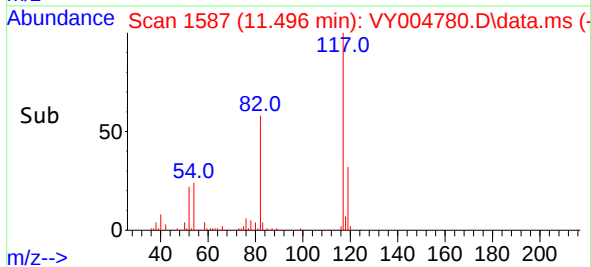
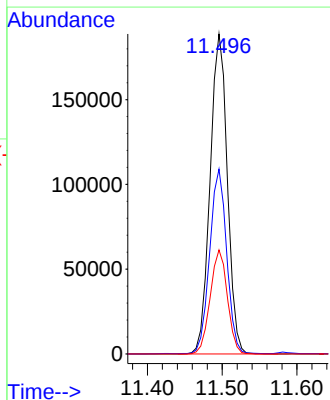
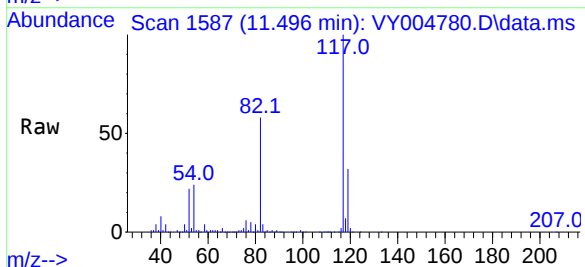
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-3.5-4.0

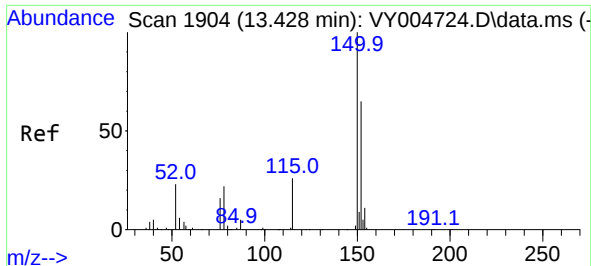
Tgt Ion: 95 Resp: 138694
Ion Ratio Lower Upper
95 100
174 81.6 0.0 164.2
176 79.1 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004780.D
Acq: 14 May 2021 14:12

Tgt Ion: 117 Resp: 303034
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.2
119 32.5 25.8 38.6

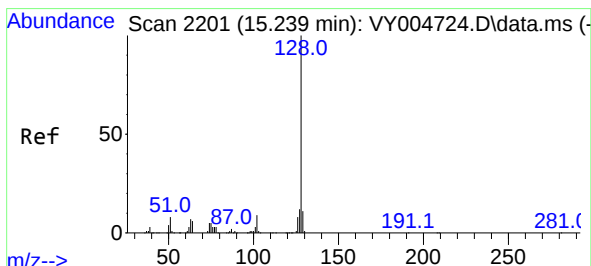
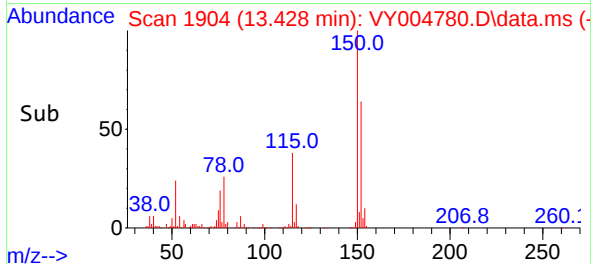
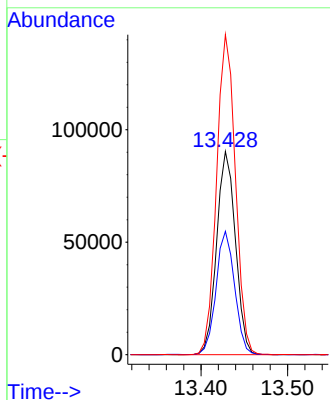
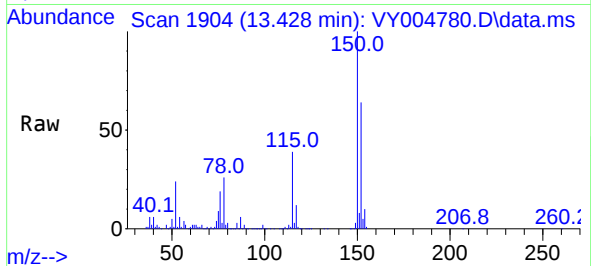




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004780.D
Acq: 14 May 2021 14:12

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-3.5-4.0

Tgt Ion:152 Resp: 136408
Ion Ratio Lower Upper
152 100
115 60.1 29.4 88.3
150 157.7 0.0 349.8



#95
Naphthalene
Concen: 2.47 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004780.D
Acq: 14 May 2021 14:12

Tgt Ion:128 Resp: 13817
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.6 8.6 13.0

