

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006484.D
 Acq On : 26 Oct 2021 16:24
 Operator : SY/MD
 Sample : M4332-01
 Misc : 5.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BB-SAMPLE-1

Quant Time: Oct 27 05:26:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

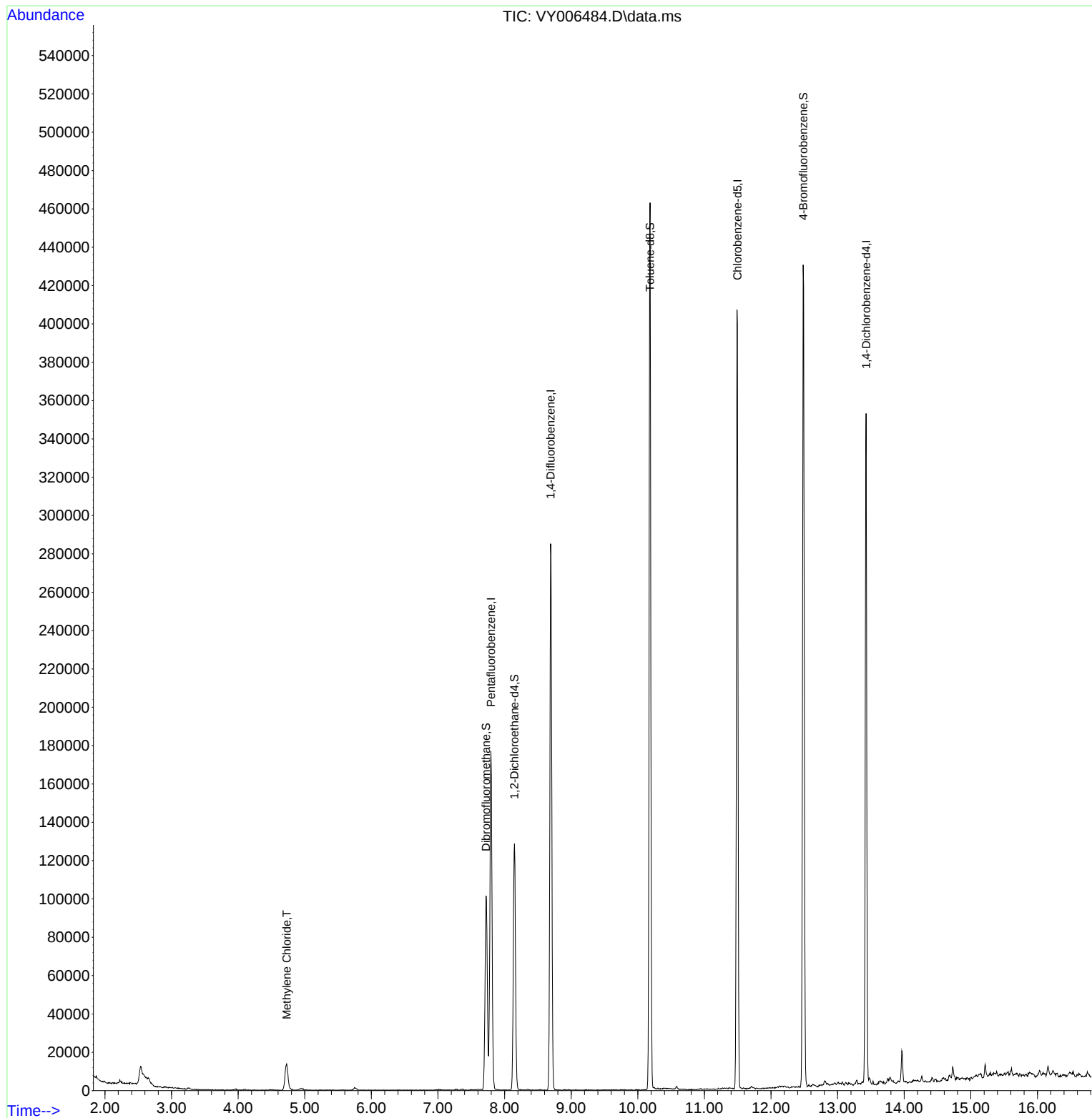
Internal Standards						
1) Pentafluorobenzene	7.795	168	130963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	226650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	206582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	106984	66.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.760%	
35) Dibromofluoromethane	7.721	113	68754	54.425	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.840%	
50) Toluene-d8	10.184	98	291206	54.378	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.760%	
62) 4-Bromofluorobenzene	12.483	95	89661	49.702	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.400%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.728	84	9333	2.665	ug/l	96

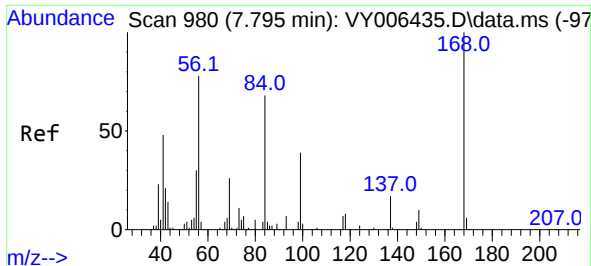
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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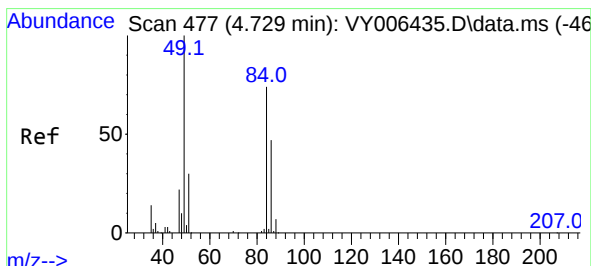
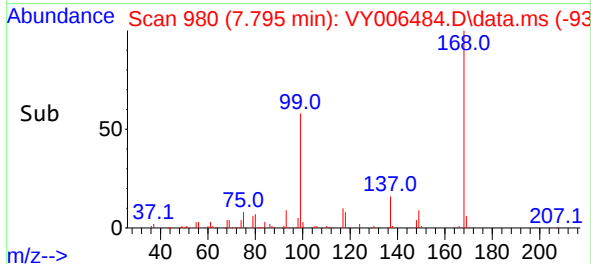
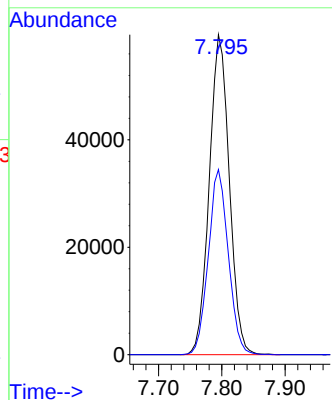
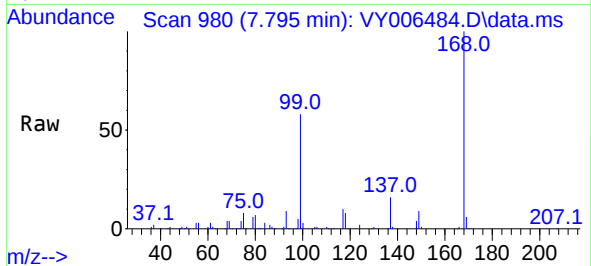




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006484.D
Acq: 26 Oct 2021 16:24

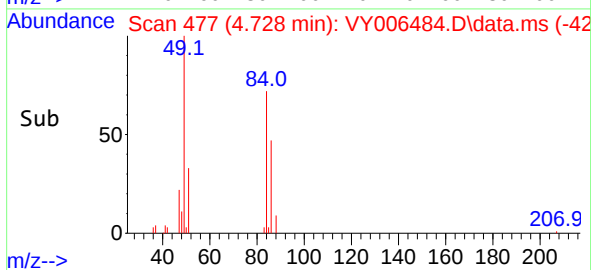
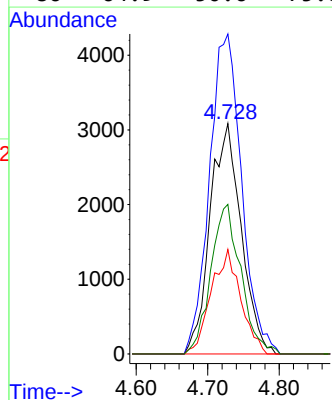
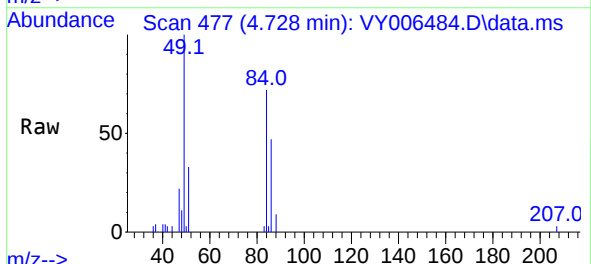
Instrument :
MSVOA_Y
ClientSampleId :
BB-SAMPLE-1

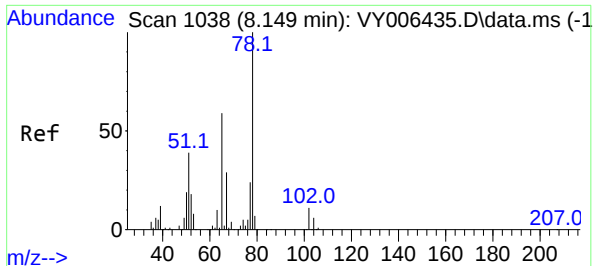
Tgt Ion:168 Resp: 130963
Ion Ratio Lower Upper
168 100
99 57.8 44.8 67.2



#20
Methylene Chloride
Concen: 2.665 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006484.D
Acq: 26 Oct 2021 16:24

Tgt Ion: 84 Resp: 9333
Ion Ratio Lower Upper
84 100
49 138.9 107.8 161.8
51 45.3 32.8 49.2
86 64.9 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 66.384 ug/l

RT: 8.148 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY006484.D

Acq: 26 Oct 2021 16:24

Instrument :

MSVOA_Y

ClientSampleId :

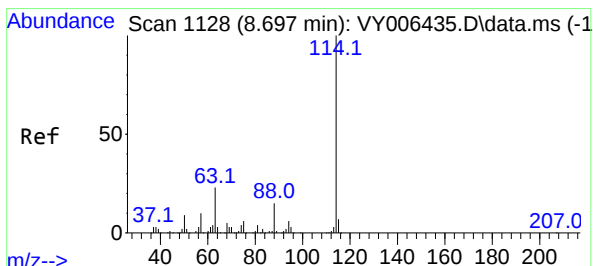
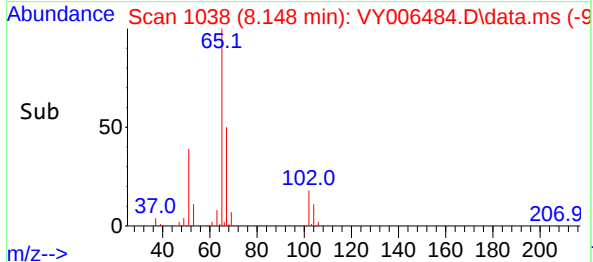
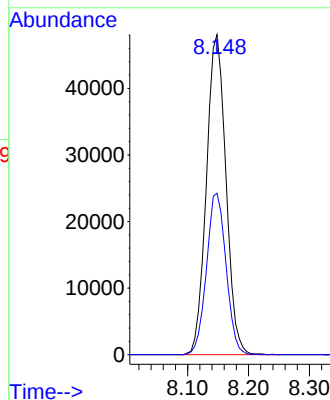
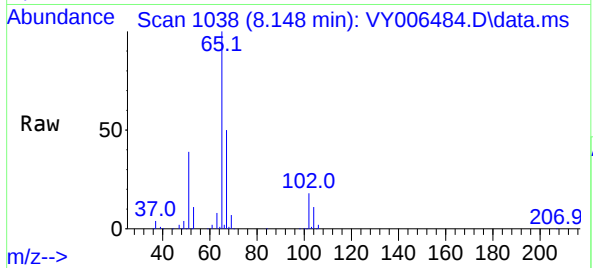
BB-SAMPLE-1

Tgt Ion: 65 Resp: 106984

Ion Ratio Lower Upper

65 100

67 50.5 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006484.D

Acq: 26 Oct 2021 16:24

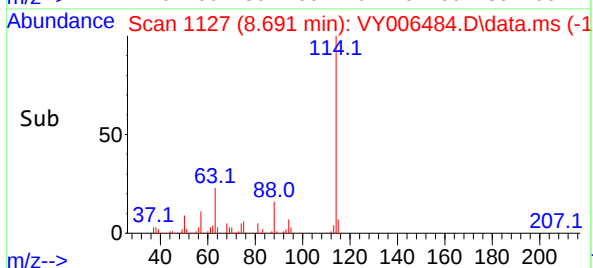
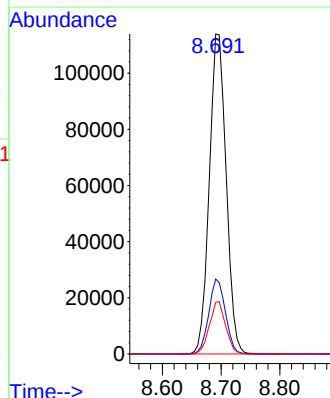
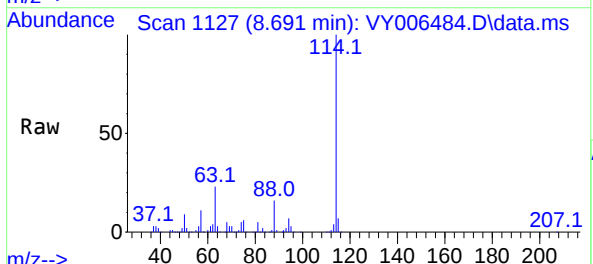
Tgt Ion: 114 Resp: 226650

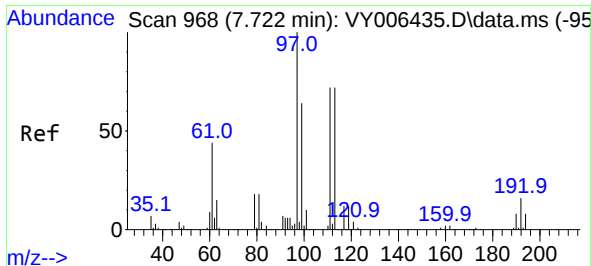
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

88 16.1 0.0 30.6

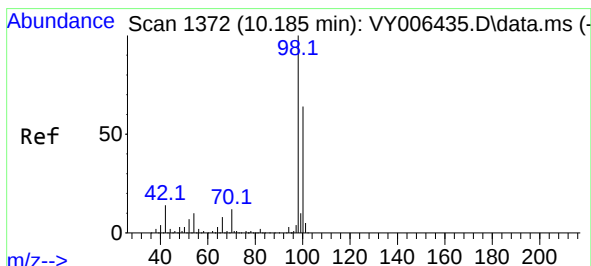
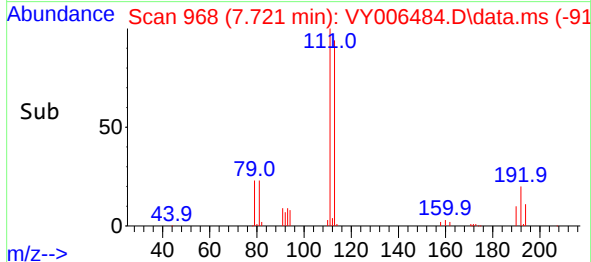
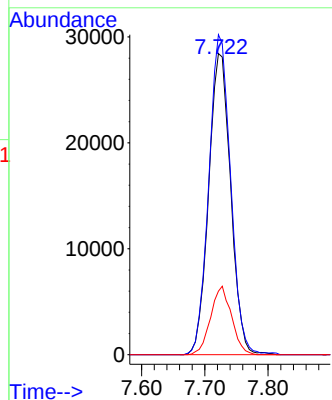
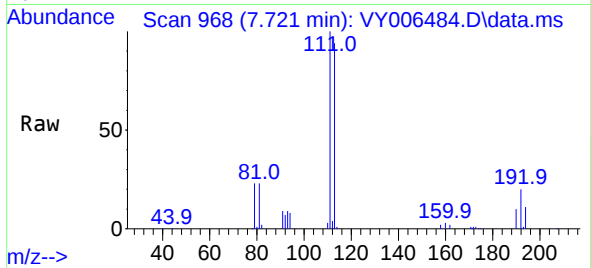




#35
Dibromofluoromethane
Concen: 54.425 ug/l
RT: 7.721 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006484.D
Acq: 26 Oct 2021 16:24

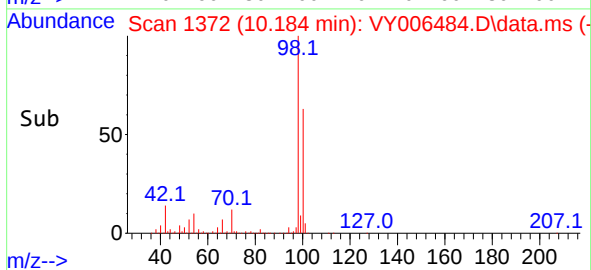
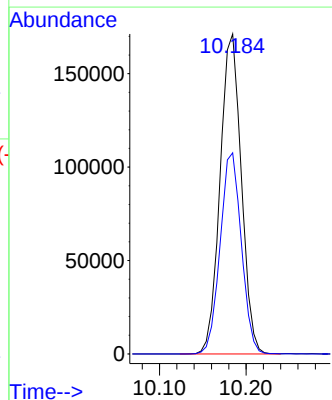
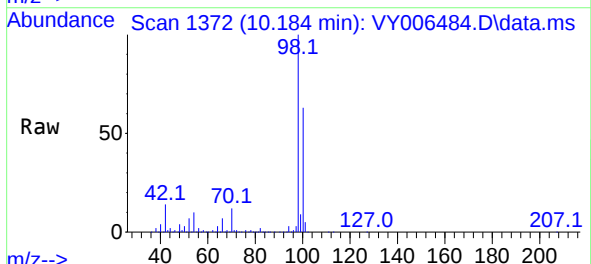
Instrument :
MSVOA_Y
ClientSampleId :
BB-SAMPLE-1

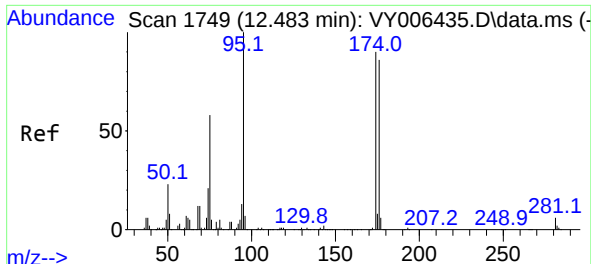
Tgt Ion:113 Resp: 68754
Ion Ratio Lower Upper
113 100
111 105.2 82.3 123.5
192 21.6 17.4 26.2



#50
Toluene-d8
Concen: 54.378 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006484.D
Acq: 26 Oct 2021 16:24

Tgt Ion: 98 Resp: 291206
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3

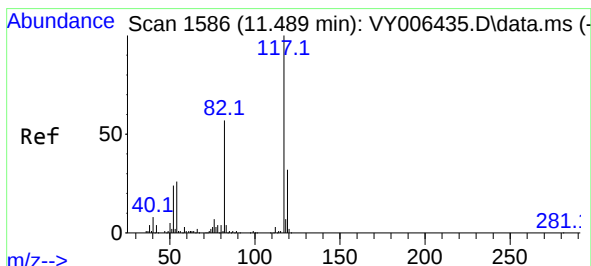
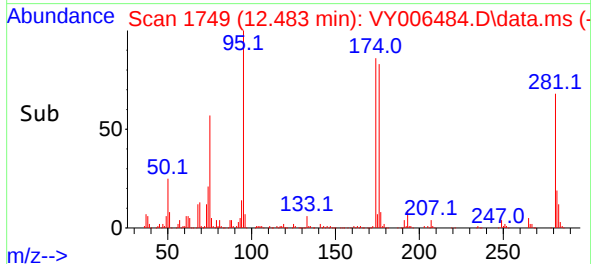
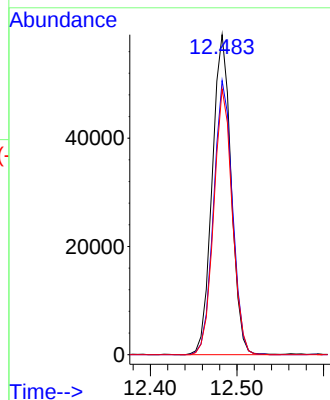
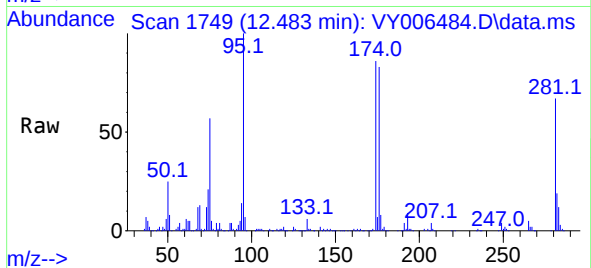




#62
4-Bromofluorobenzene
Concen: 49.702 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006484.D
Acq: 26 Oct 2021 16:24

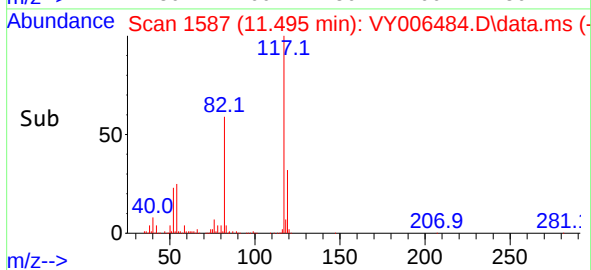
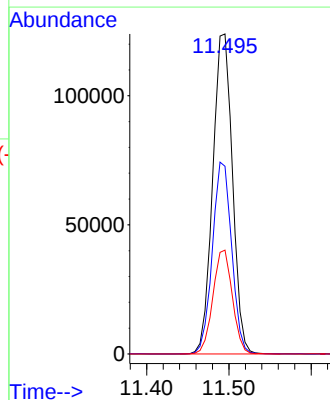
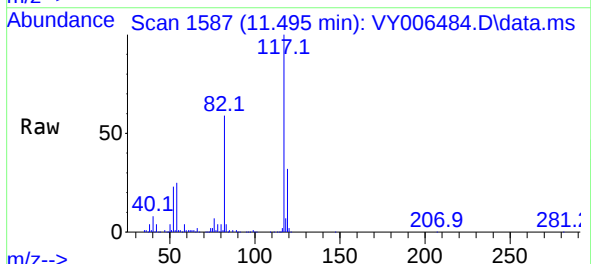
Instrument :
MSVOA_Y
ClientSampleId :
BB-SAMPLE-1

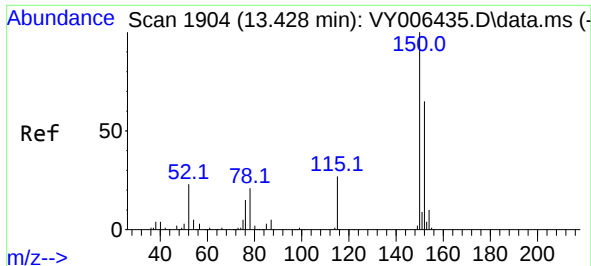
Tgt Ion: 95 Resp: 89661
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 81.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006484.D
Acq: 26 Oct 2021 16:24

Tgt Ion: 117 Resp: 206582
Ion Ratio Lower Upper
117 100
82 58.6 45.7 68.5
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY006484.D

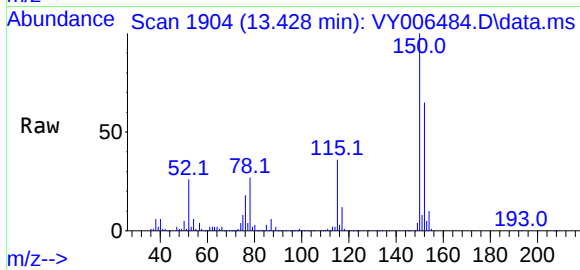
Acq: 26 Oct 2021 16:24

Instrument :

MSVOA_Y

ClientSampleId :

BB-SAMPLE-1



Tgt Ion:152 Resp: 82043

Ion Ratio Lower Upper

152 100

115 57.7 28.5 85.5

150 156.1 0.0 348.2

