

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006480.D
 Acq On : 26 Oct 2021 14:49
 Operator : SY/MD
 Sample : M4332-13
 Misc : 6.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BB-SAMPLE-4

Quant Time: Oct 27 05:26:04 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	102311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	156424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65573	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	80961	64.306	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.620%
35) Dibromofluoromethane	7.722	113	51171	53.967	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.940%
50) Toluene-d8	10.185	98	215335	53.573	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.140%
62) 4-Bromofluorobenzene	12.483	95	64527	47.656	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.320%

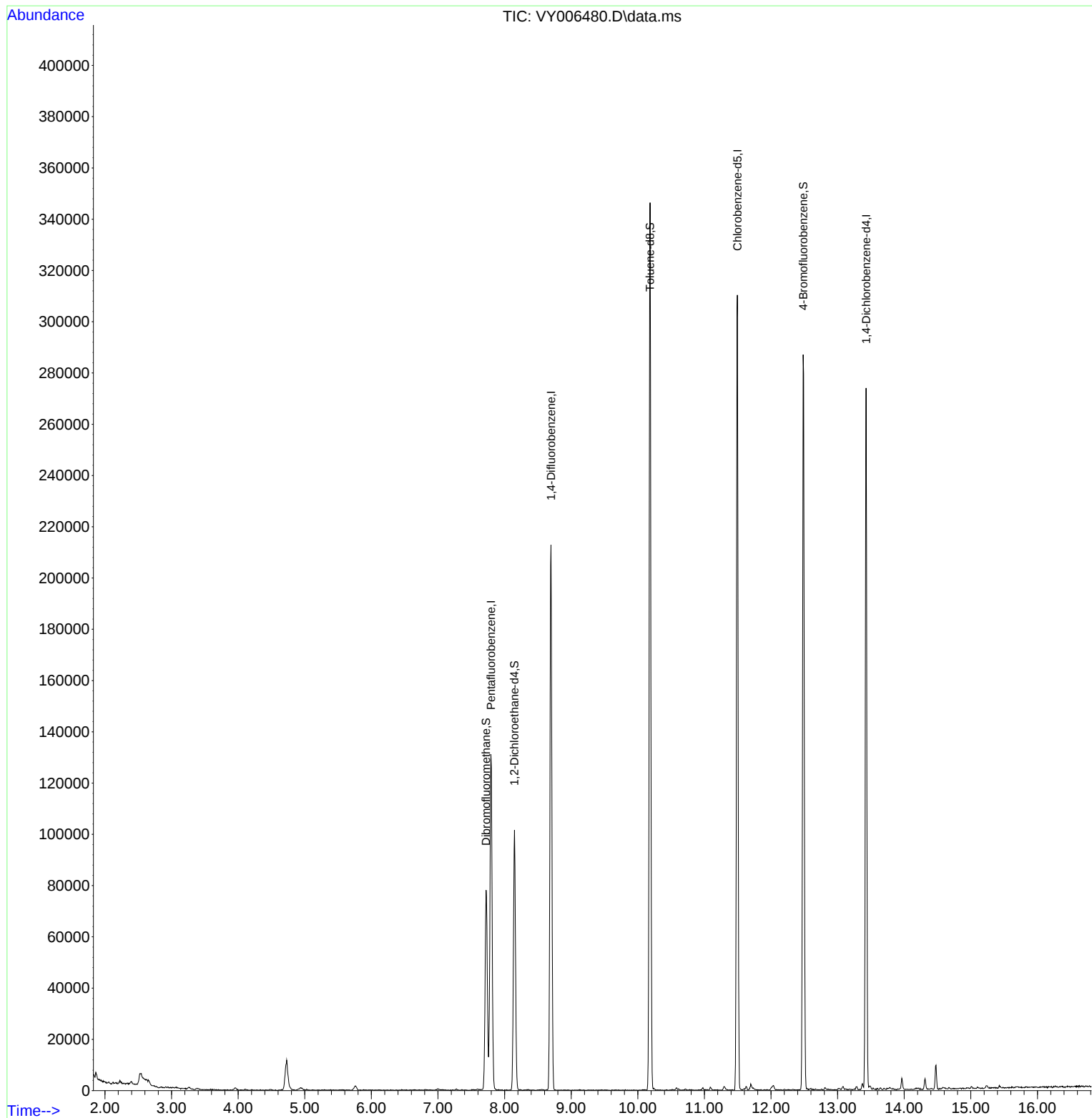
Target Compounds	Qvalue

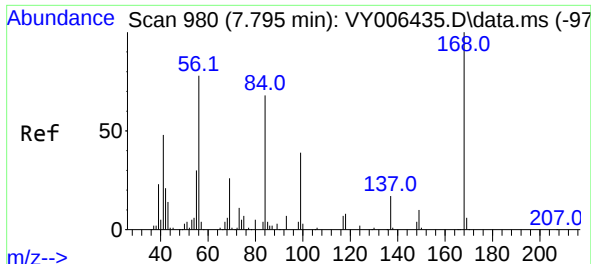
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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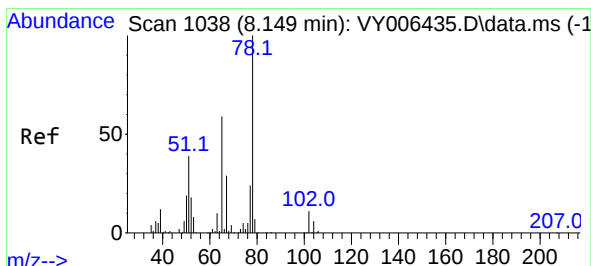
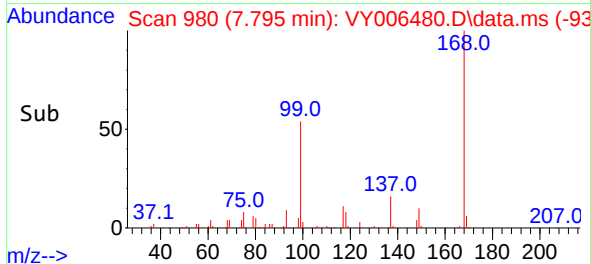
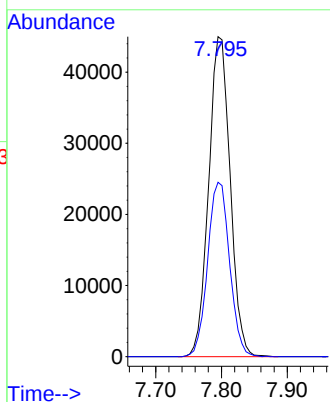
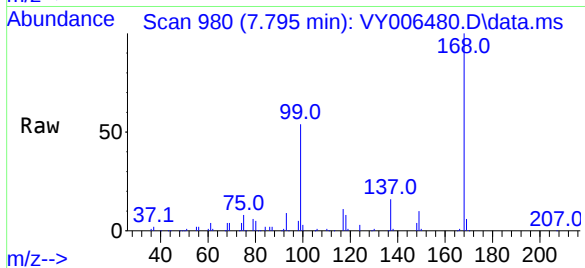




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006480.D
Acq: 26 Oct 2021 14:49

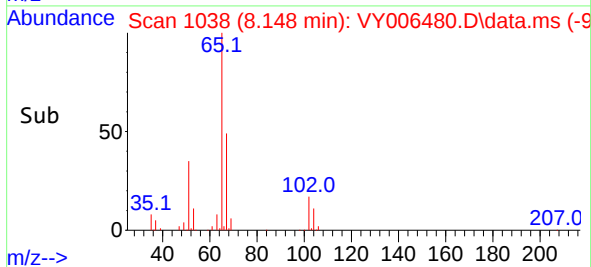
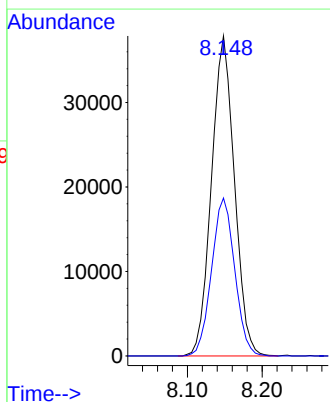
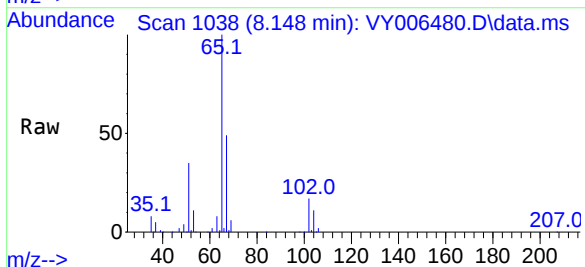
Instrument :
MSVOA_Y
ClientSampleId :
BB-SAMPLE-4

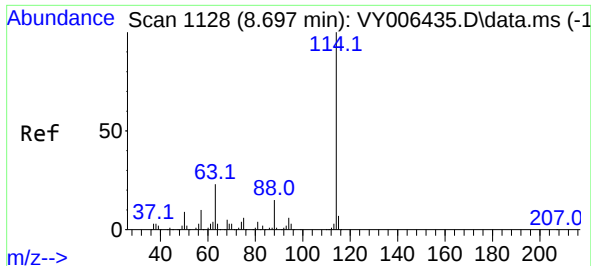
Tgt Ion:168 Resp: 102311
Ion Ratio Lower Upper
168 100
99 54.5 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 64.306 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006480.D
Acq: 26 Oct 2021 14:49

Tgt Ion: 65 Resp: 80961
Ion Ratio Lower Upper
65 100
67 49.7 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006480.D

Acq: 26 Oct 2021 14:49

Instrument :

MSVOA_Y

ClientSampleId :

BB-SAMPLE-4

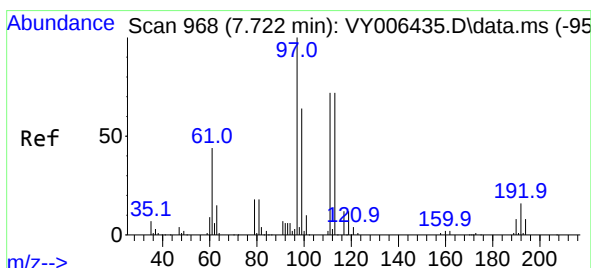
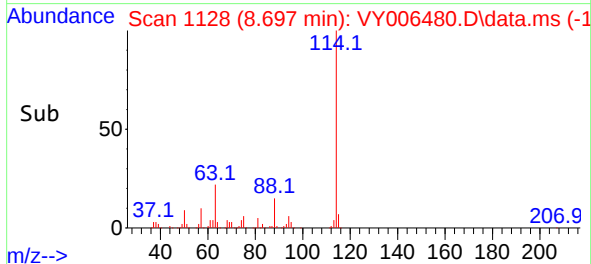
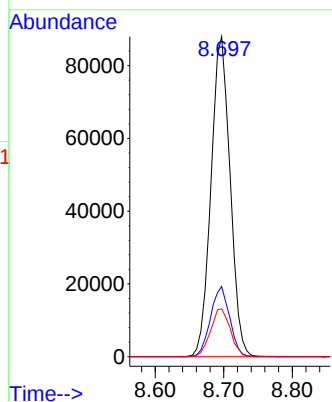
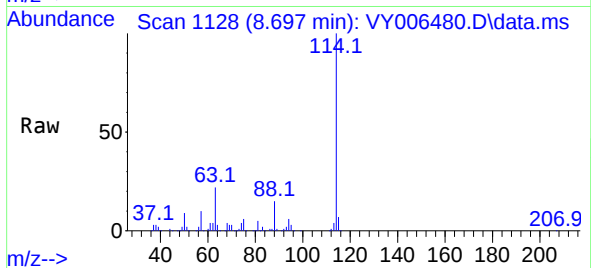
Tgt Ion:114 Resp: 170117

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.0

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.967 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY006480.D

Acq: 26 Oct 2021 14:49

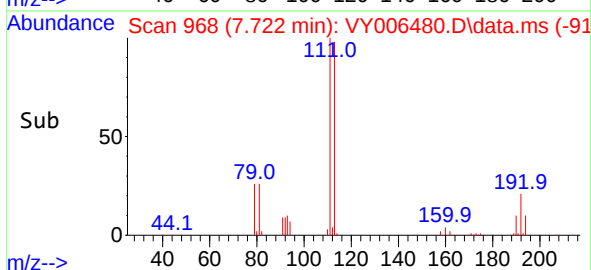
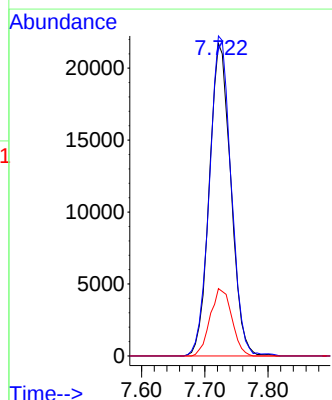
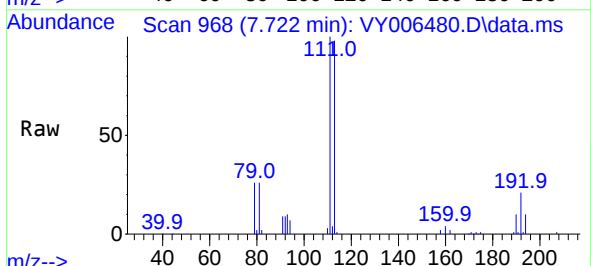
Tgt Ion:113 Resp: 51171

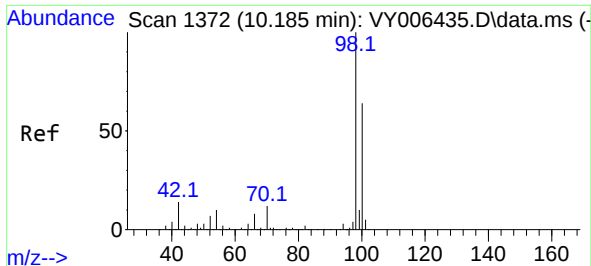
Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

192 21.7 17.4 26.2

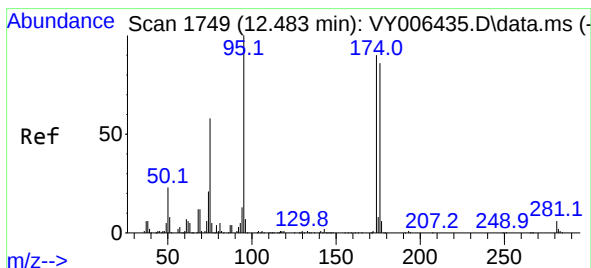
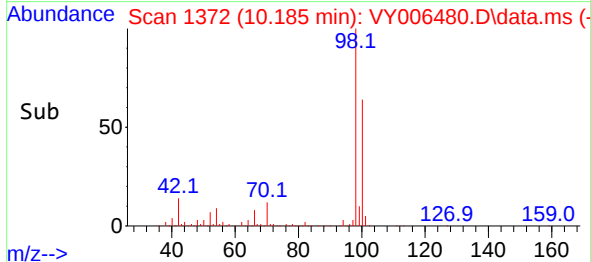
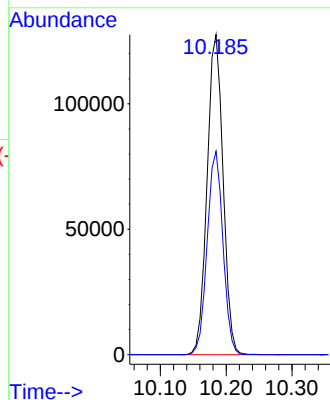
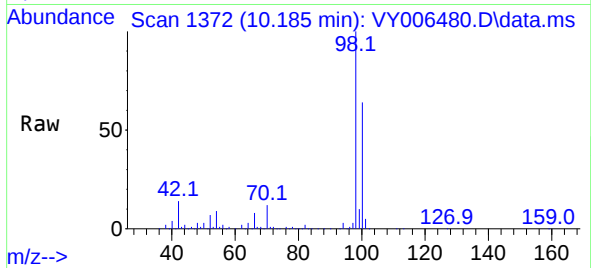




#50
Toluene-d8
Concen: 53.573 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006480.D
Acq: 26 Oct 2021 14:49

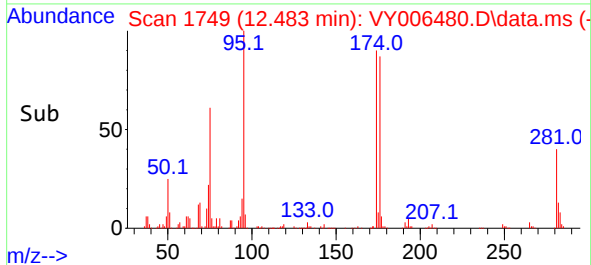
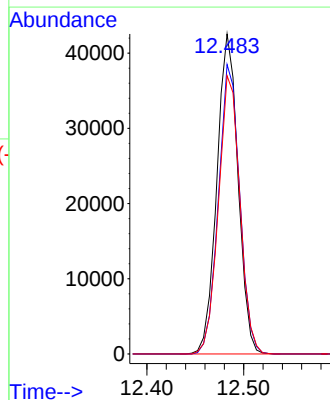
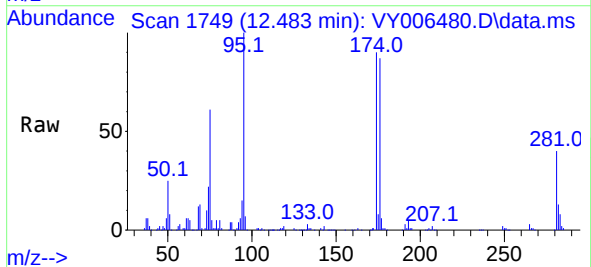
Instrument :
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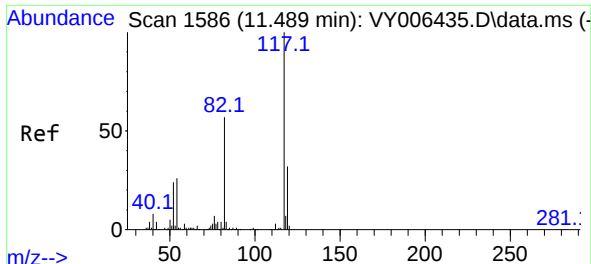
Tgt Ion: 98 Resp: 215335
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.656 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006480.D
Acq: 26 Oct 2021 14:49

Tgt Ion: 95 Resp: 64527
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.0
176 88.1 0.0 169.4

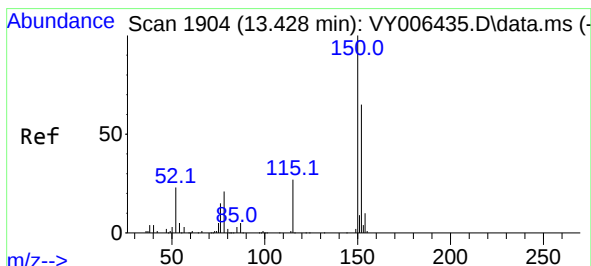
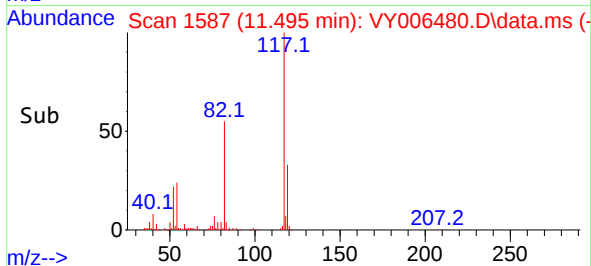
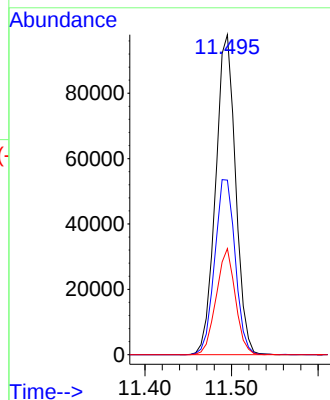
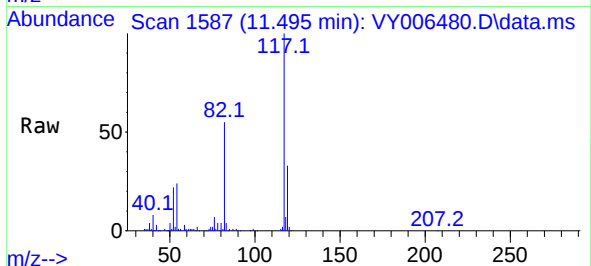




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11587
Delta R.T. 0.006 min
Lab File: VY006480.D
Acq: 26 Oct 2021 14:49

Instrument :
MSVOA_Y
ClientSampleId :
BB-SAMPLE-4

Tgt Ion:117 Resp: 156424
Ion Ratio Lower Upper
117 100
82 54.6 45.7 68.5
119 33.2 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: VY006480.D
Acq: 26 Oct 2021 14:49

Tgt Ion:152 Resp: 65573
Ion Ratio Lower Upper
152 100
115 57.1 28.5 85.5
150 155.8 0.0 348.2

