

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006478.D
 Acq On : 26 Oct 2021 14:02
 Operator : SY/MD
 Sample : M4332-05
 Misc : 6.55G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BB-SAMPLE-2

Quant Time: Oct 27 05:25:48 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	109273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	181581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	166160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70633	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89433	66.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.020%
35) Dibromofluoromethane	7.722	113	54903	54.248	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.500%
50) Toluene-d8	10.185	98	230639	53.757	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.520%
62) 4-Bromofluorobenzene	12.483	95	71242	49.294	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.580%

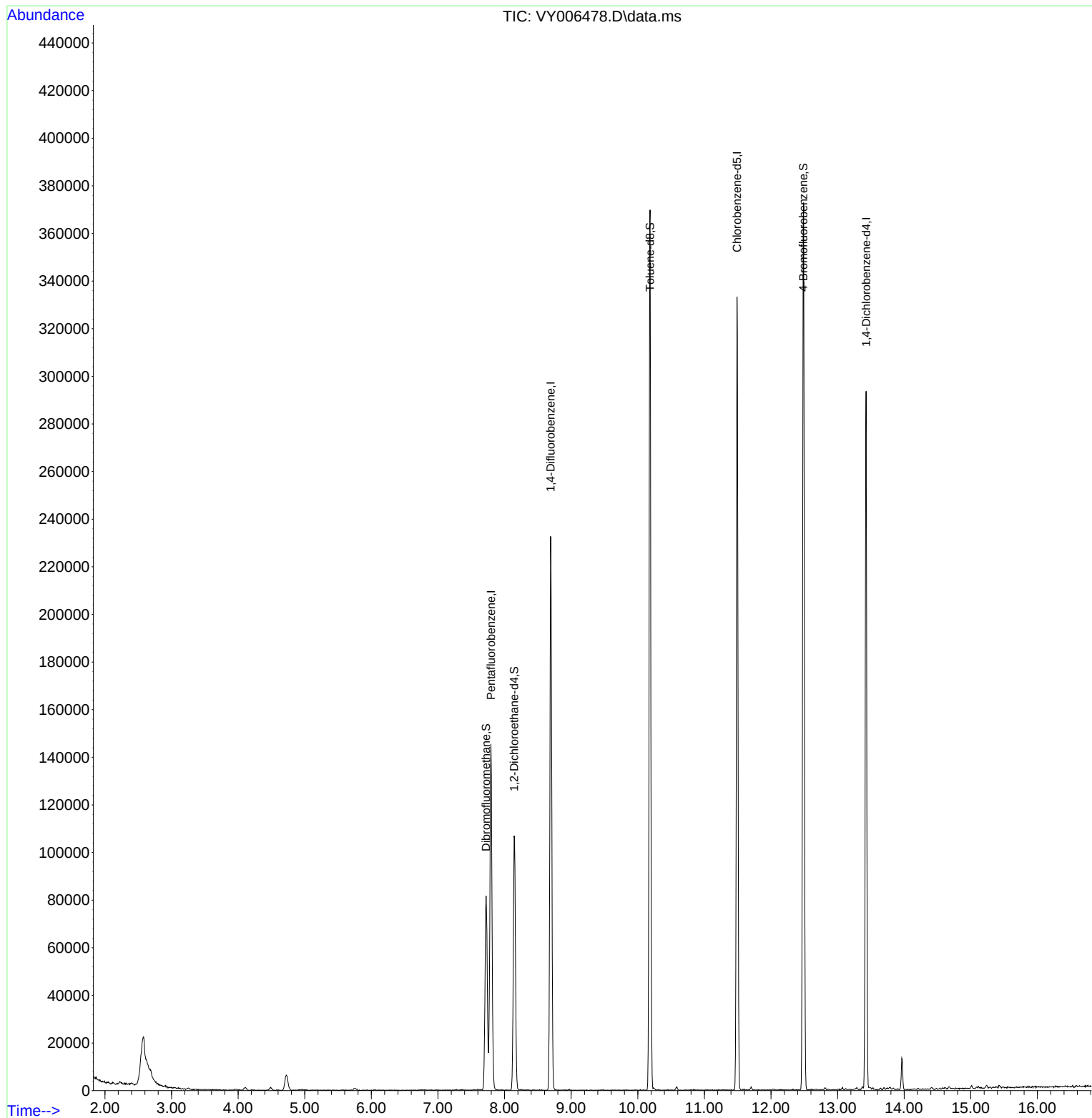
Target Compounds	Qvalue

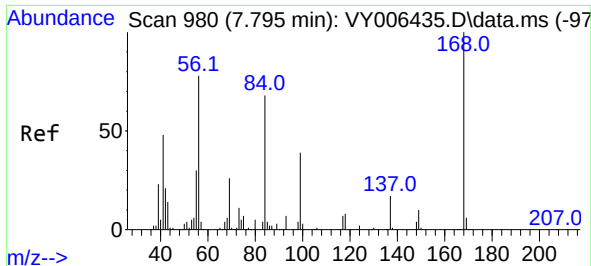
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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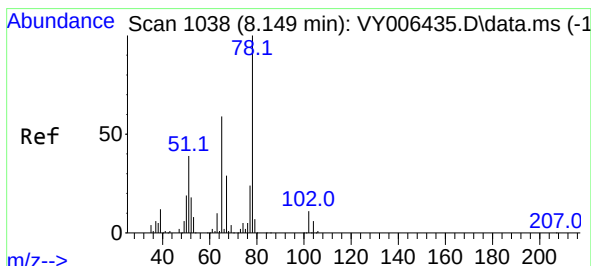
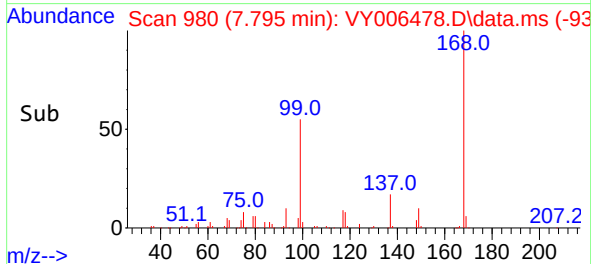
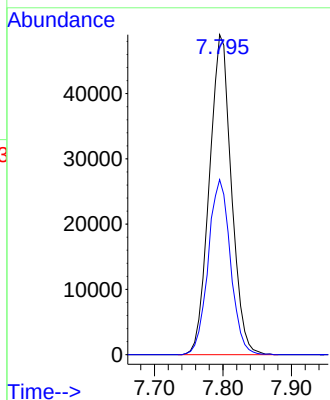
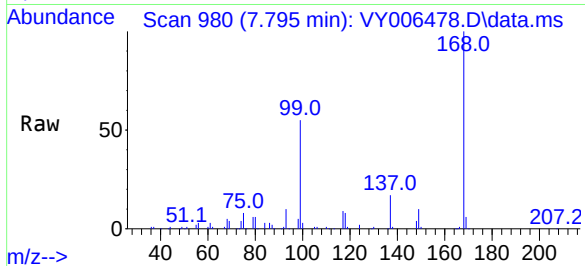




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006478.D
Acq: 26 Oct 2021 14:02

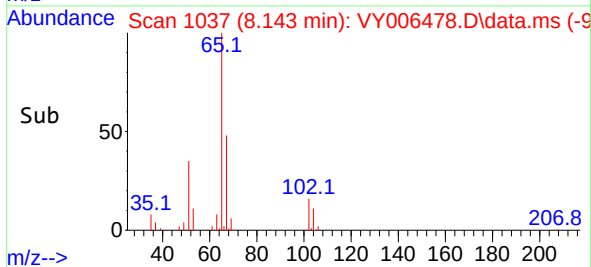
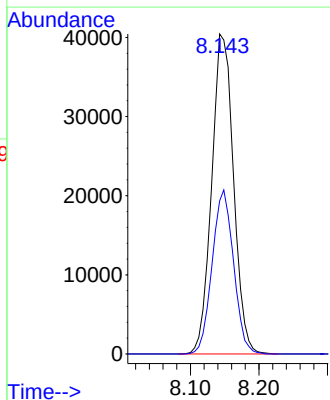
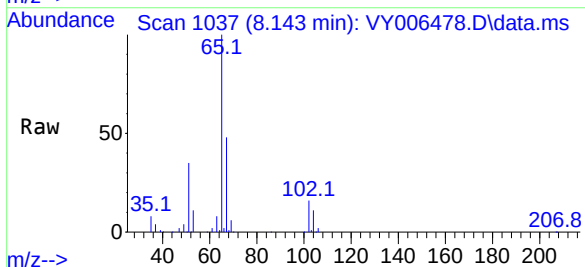
Instrument :
MSVOA_Y
ClientSampleId :
BB-SAMPLE-2

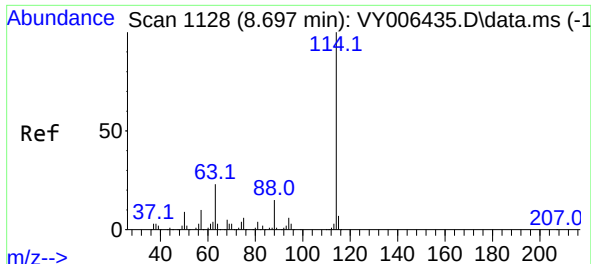
Tgt Ion:168 Resp: 109273
Ion Ratio Lower Upper
168 100
99 54.7 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 66.509 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006478.D
Acq: 26 Oct 2021 14:02

Tgt Ion: 65 Resp: 89433
Ion Ratio Lower Upper
65 100
67 50.1 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006478.D

Acq: 26 Oct 2021 14:02

Instrument :

MSVOA_Y

ClientSampleId :

BB-SAMPLE-2

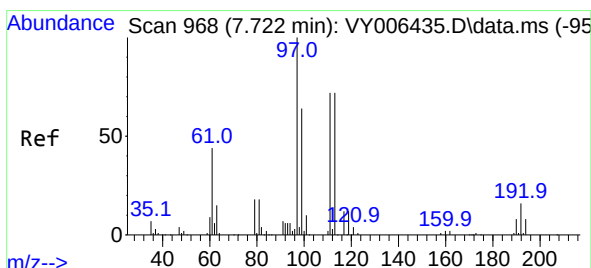
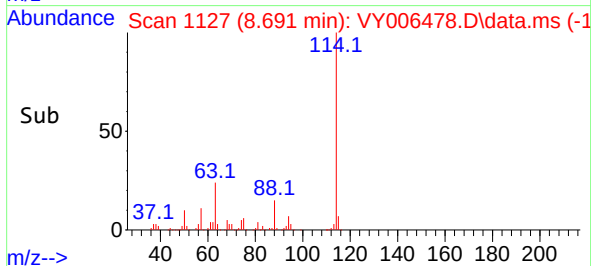
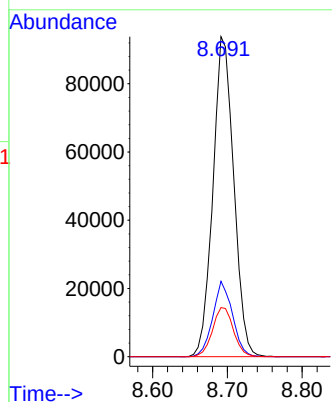
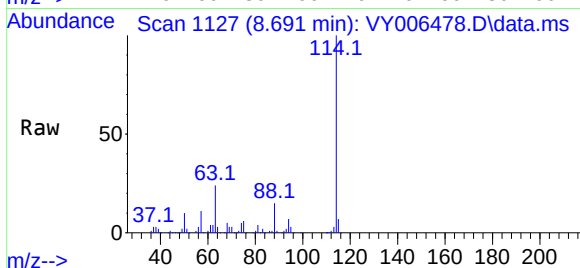
Tgt Ion:114 Resp: 181581

Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.0

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.248 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006478.D

Acq: 26 Oct 2021 14:02

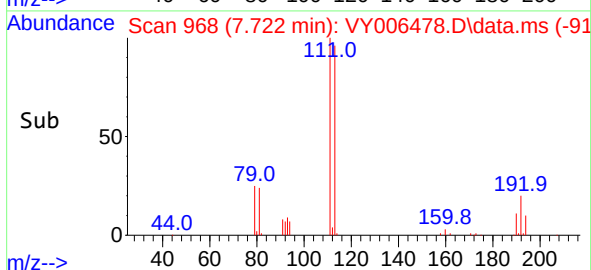
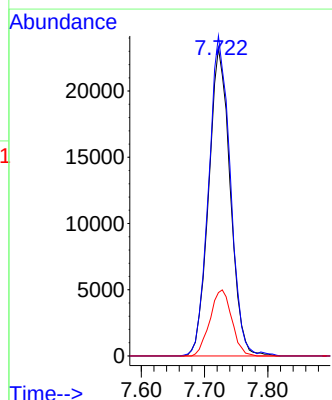
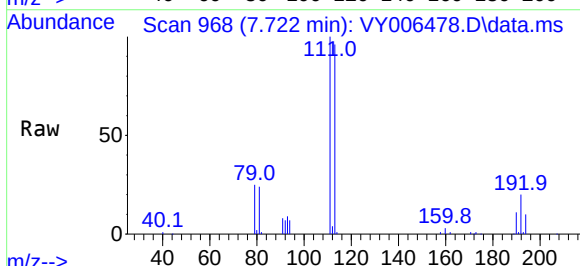
Tgt Ion:113 Resp: 54903

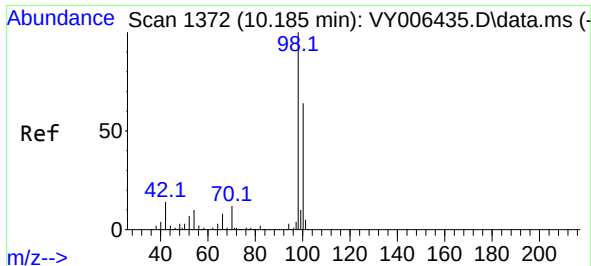
Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

192 21.8 17.4 26.2

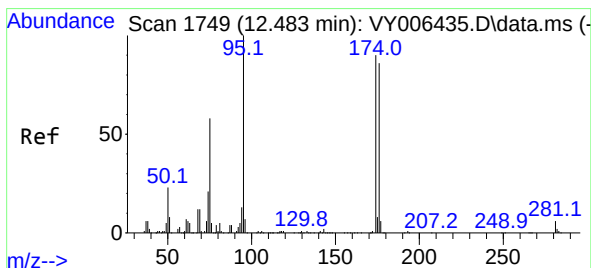
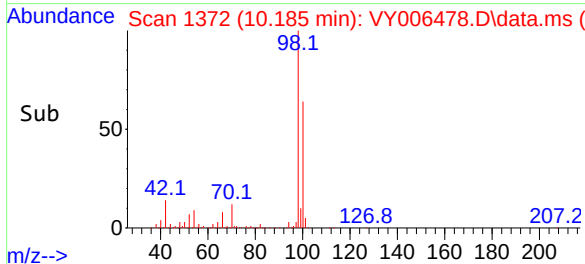
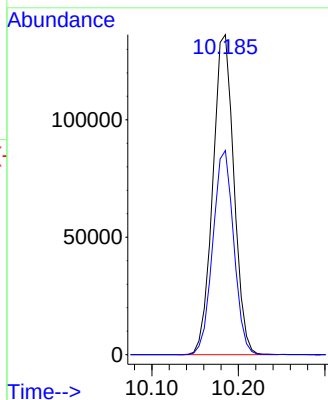
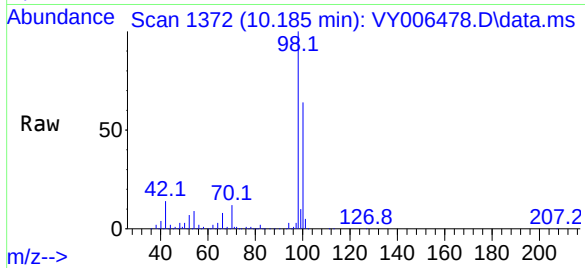




#50
Toluene-d8
Concen: 53.757 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006478.D
Acq: 26 Oct 2021 14:02

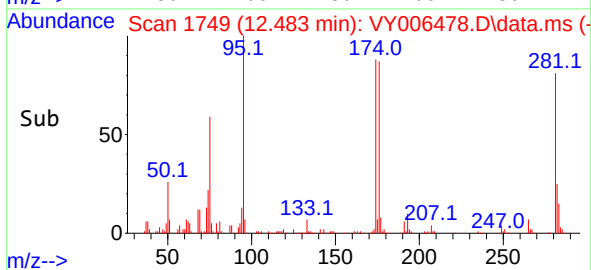
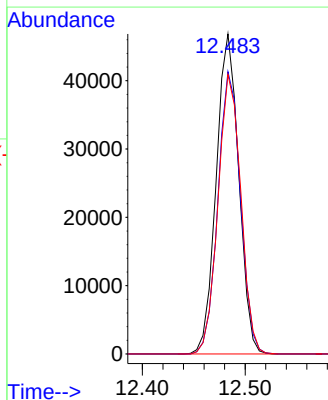
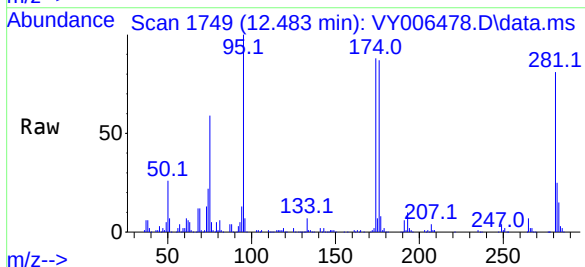
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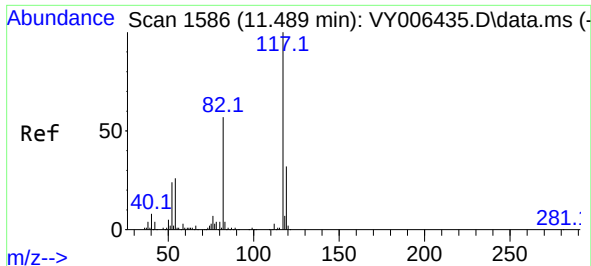
Tgt Ion: 98 Resp: 230639
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.294 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006478.D
Acq: 26 Oct 2021 14:02

Tgt Ion: 95 Resp: 71242
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 88.3 0.0 169.4

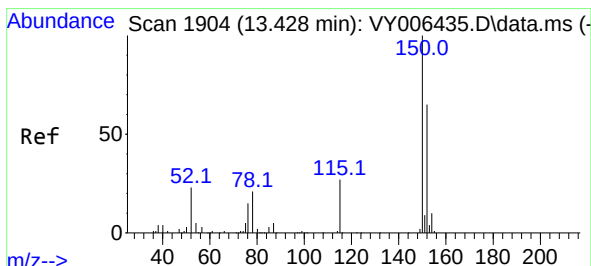
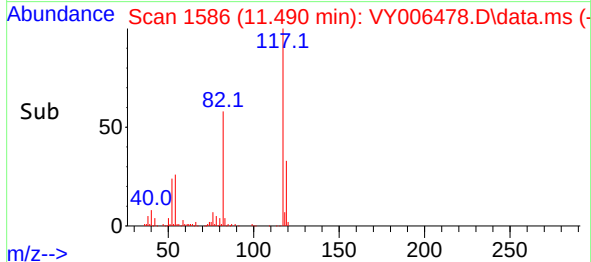
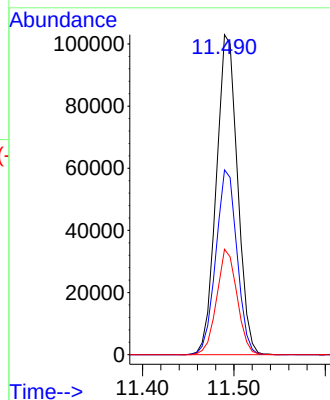
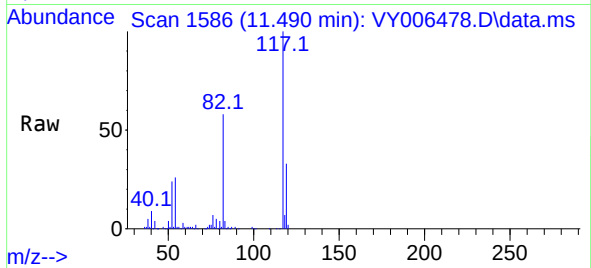




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY006478.D
Acq: 26 Oct 2021 14:02

Instrument :
MSVOA_Y
ClientSampleId :
BB-SAMPLE-2

Tgt Ion:117 Resp: 166160
Ion Ratio Lower Upper
117 100
82 57.7 45.7 68.5
119 33.0 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: VY006478.D
Acq: 26 Oct 2021 14:02

Tgt Ion:152 Resp: 70633
Ion Ratio Lower Upper
152 100
115 56.9 28.5 85.5
150 157.1 0.0 348.2

