

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006490.D
 Acq On : 26 Oct 2021 18:45
 Operator : SY/MD
 Sample : M4336-09
 Misc : 6.30G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G4

Quant Time: Oct 27 05:27:25 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	121771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	208929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	191372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74088	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	96988	64.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.44%
35) Dibromofluoromethane	7.722	113	58923	50.60	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.20%
50) Toluene-d8	10.185	98	266246	53.93	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.86%
62) 4-Bromofluorobenzene	12.483	95	82083	49.36	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.72%

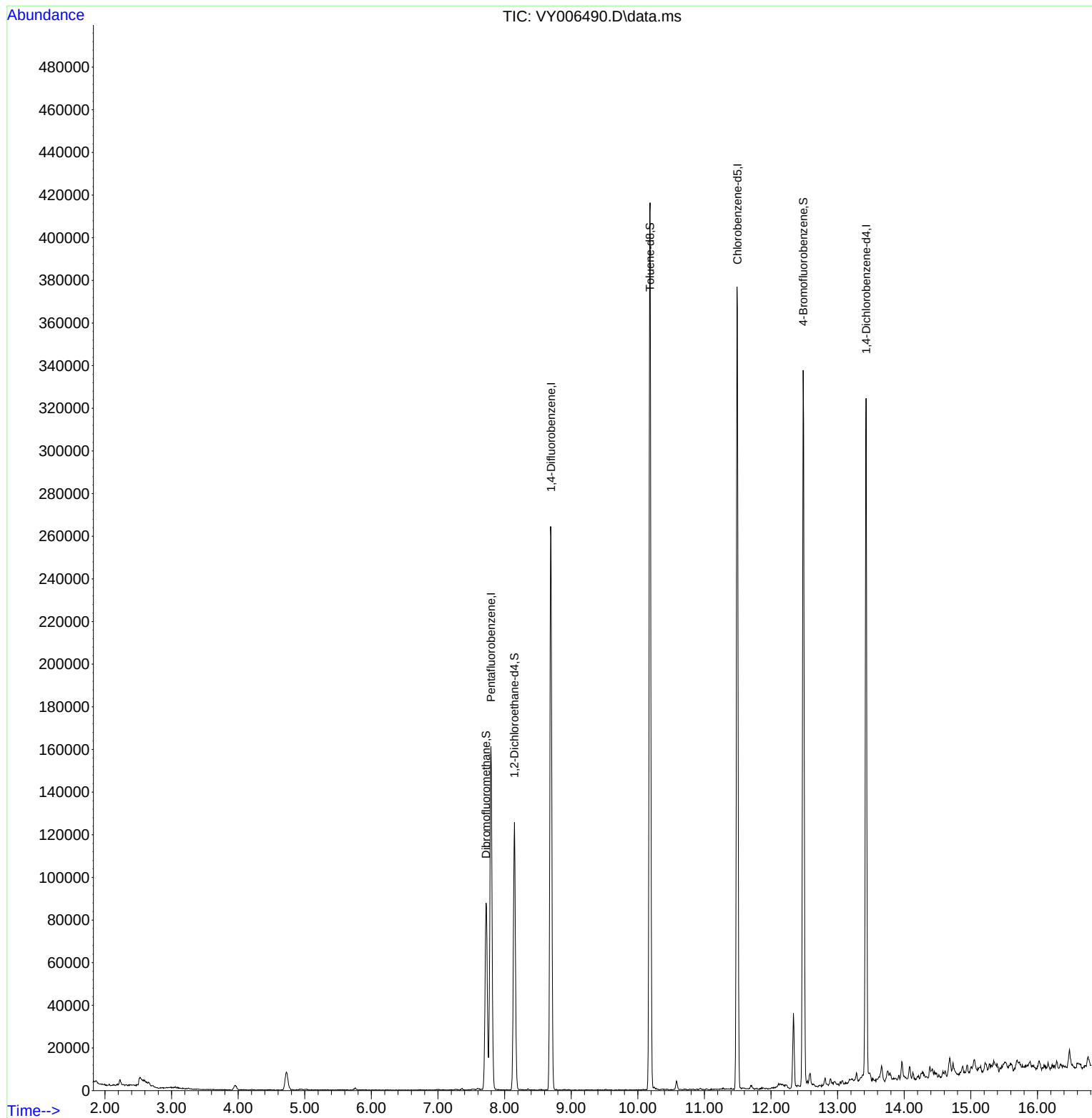
Target Compounds	Qvalue

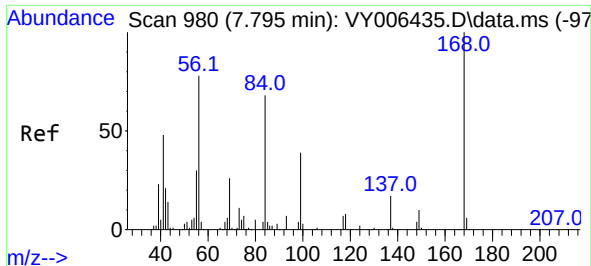
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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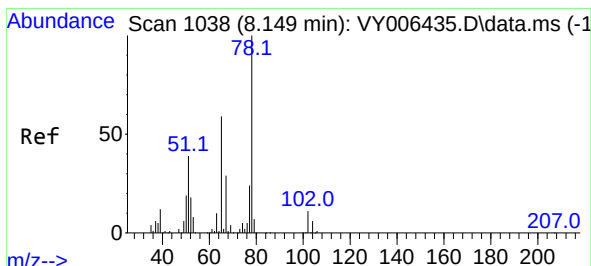
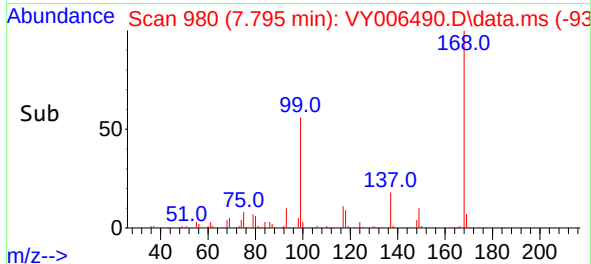
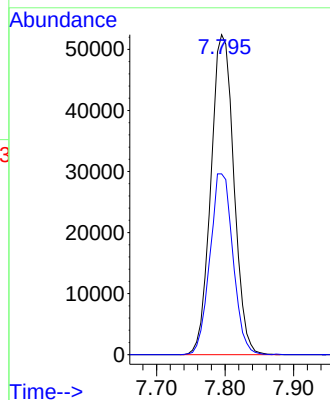
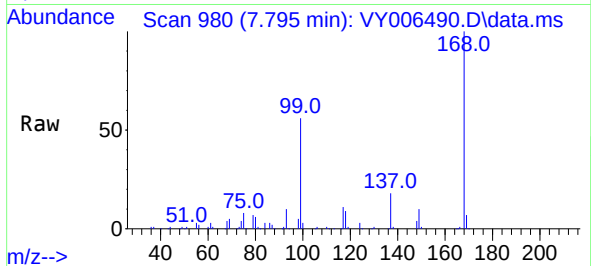




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006490.D
Acq: 26 Oct 2021 18:45

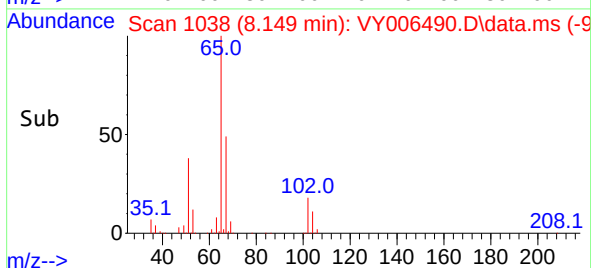
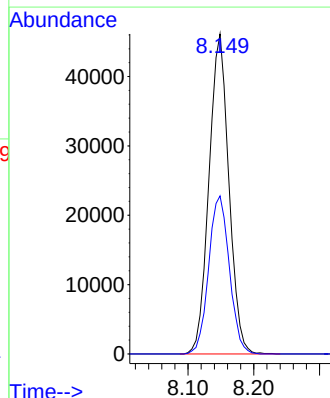
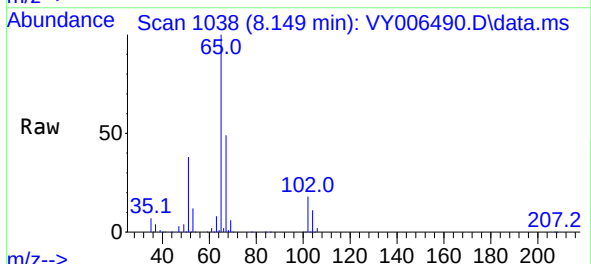
Instrument :
MSVOA_Y
ClientSampleId :
G4

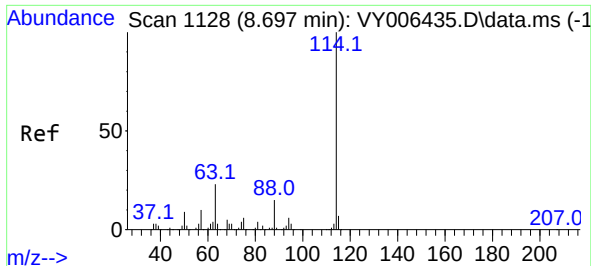
Tgt Ion:168 Resp: 121771
Ion Ratio Lower Upper
168 100
99 56.5 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 64.72 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006490.D
Acq: 26 Oct 2021 18:45

Tgt Ion: 65 Resp: 96988
Ion Ratio Lower Upper
65 100
67 51.4 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006490.D

Acq: 26 Oct 2021 18:45

Instrument :

MSVOA_Y

ClientSampleId :

G4

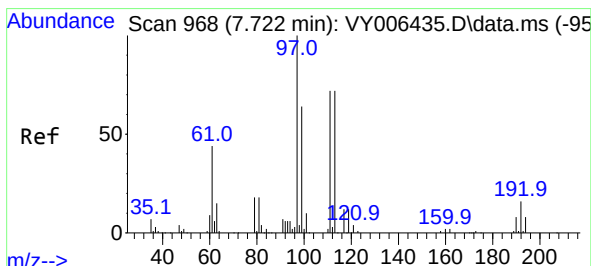
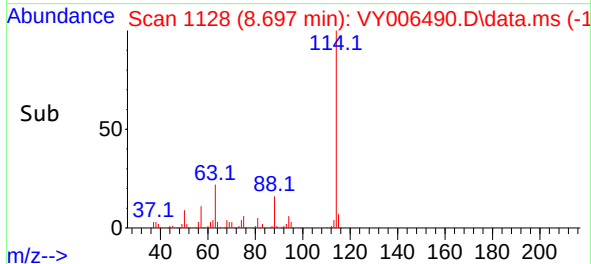
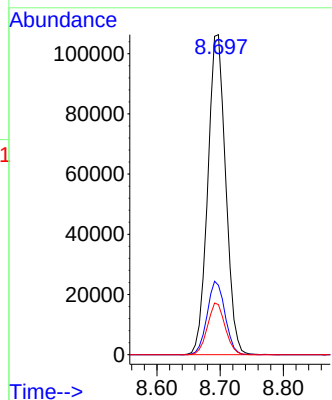
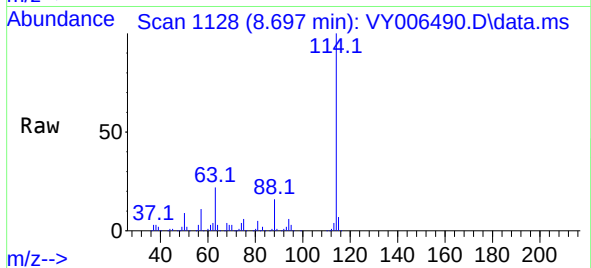
Tgt Ion:114 Resp: 208929

Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.0

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.60 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY006490.D

Acq: 26 Oct 2021 18:45

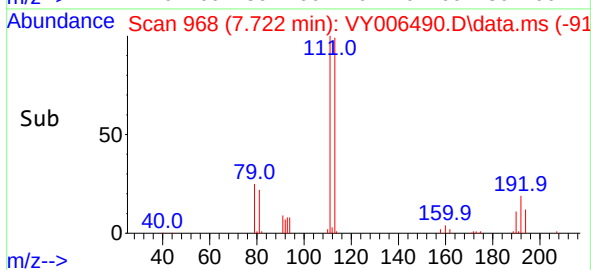
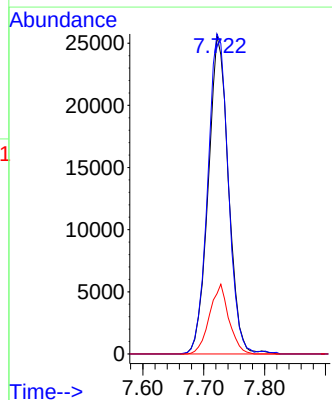
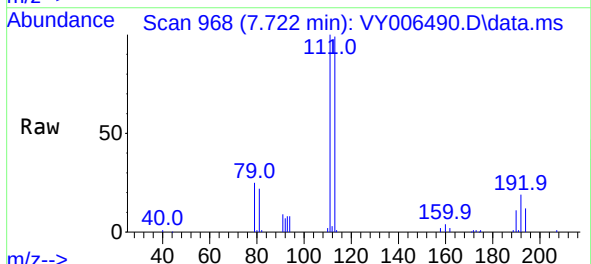
Tgt Ion:113 Resp: 58923

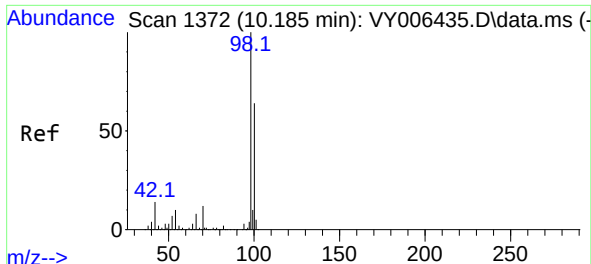
Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

192 20.9 17.4 26.2

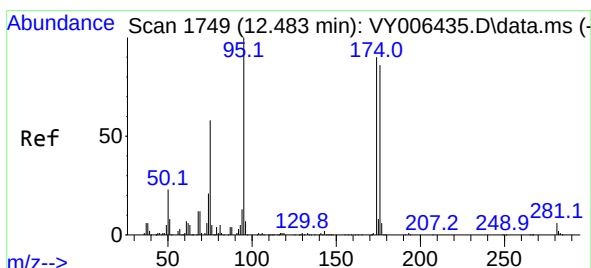
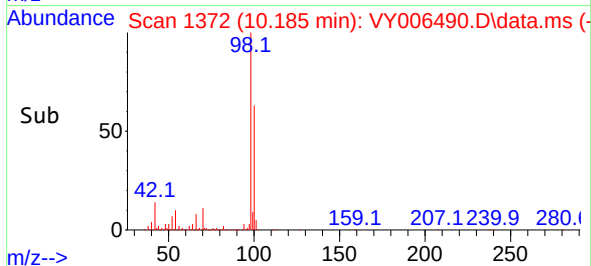
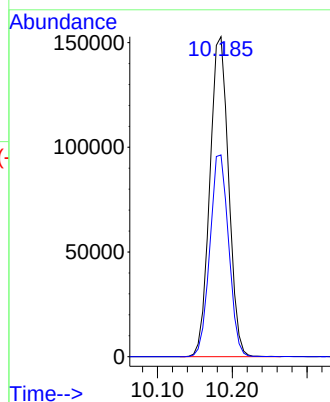
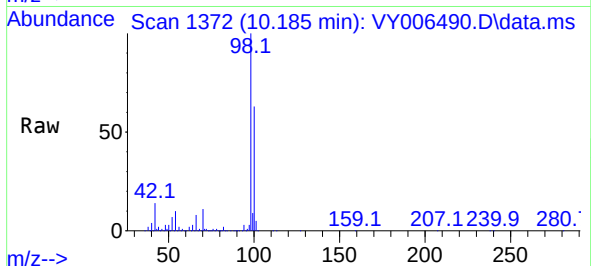




#50
Toluene-d8
Concen: 53.93 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006490.D
Acq: 26 Oct 2021 18:45

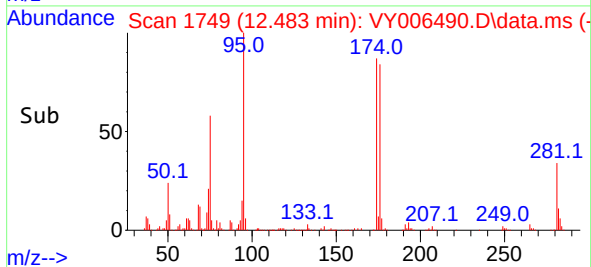
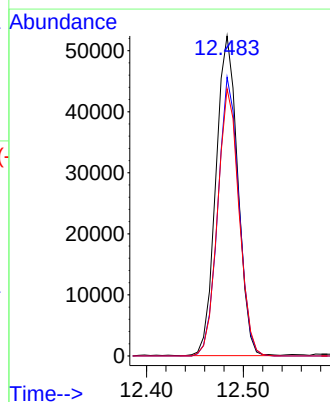
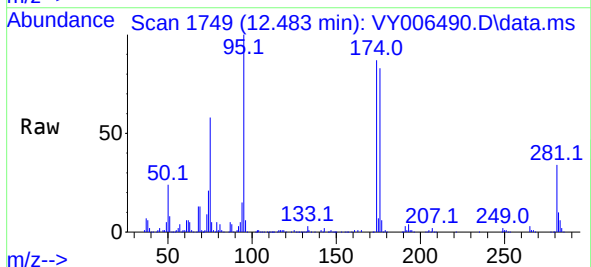
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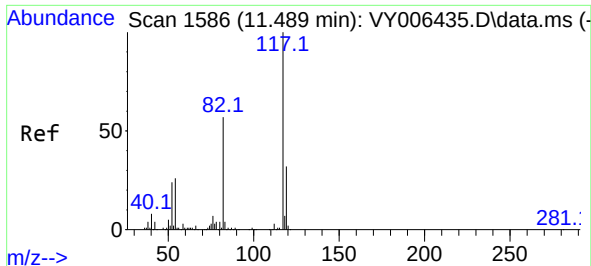
Tgt Ion: 98 Resp: 266246
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.36 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006490.D
Acq: 26 Oct 2021 18:45

Tgt Ion: 95 Resp: 82083
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 81.8 0.0 169.4

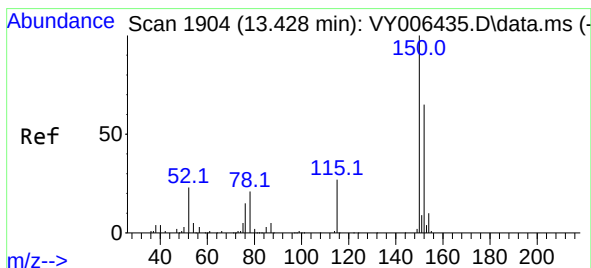
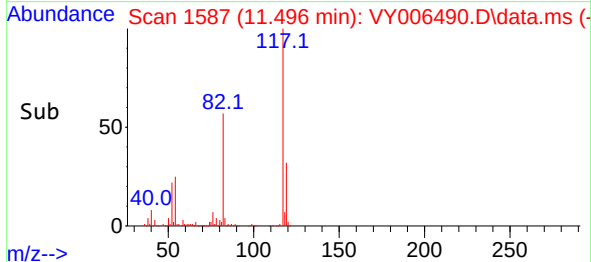
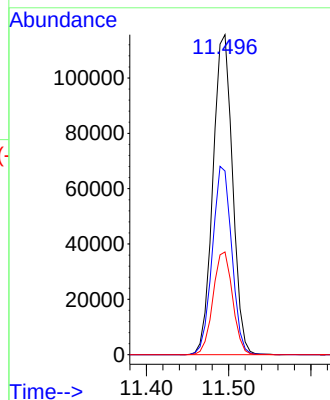
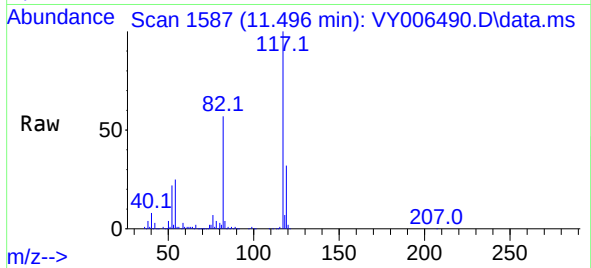




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY006490.D
Acq: 26 Oct 2021 18:45

Instrument :
MSVOA_Y
ClientSampleId :
G4

Tgt Ion:117 Resp: 191372
Ion Ratio Lower Upper
117 100
82 57.4 45.7 68.5
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006490.D
Acq: 26 Oct 2021 18:45

Tgt Ion:152 Resp: 74088
Ion Ratio Lower Upper
152 100
115 57.0 28.5 85.5
150 157.4 0.0 348.2

