

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110421\
 Data File : VY006632.D
 Acq On : 04 Nov 2021 20:13
 Operator : SY/MD
 Sample : M4485-03
 Misc : 5.35G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AG-4

Quant Time: Nov 05 14:02:25 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	7.801	168	130588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	222391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	203133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78823	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	101320	63.050	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.100%
35) Dibromofluoromethane	7.728	113	69691	56.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.440%
50) Toluene-d8	10.185	98	283851	54.019	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.040%
62) 4-Bromofluorobenzene	12.483	95	88067	49.754	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.500%

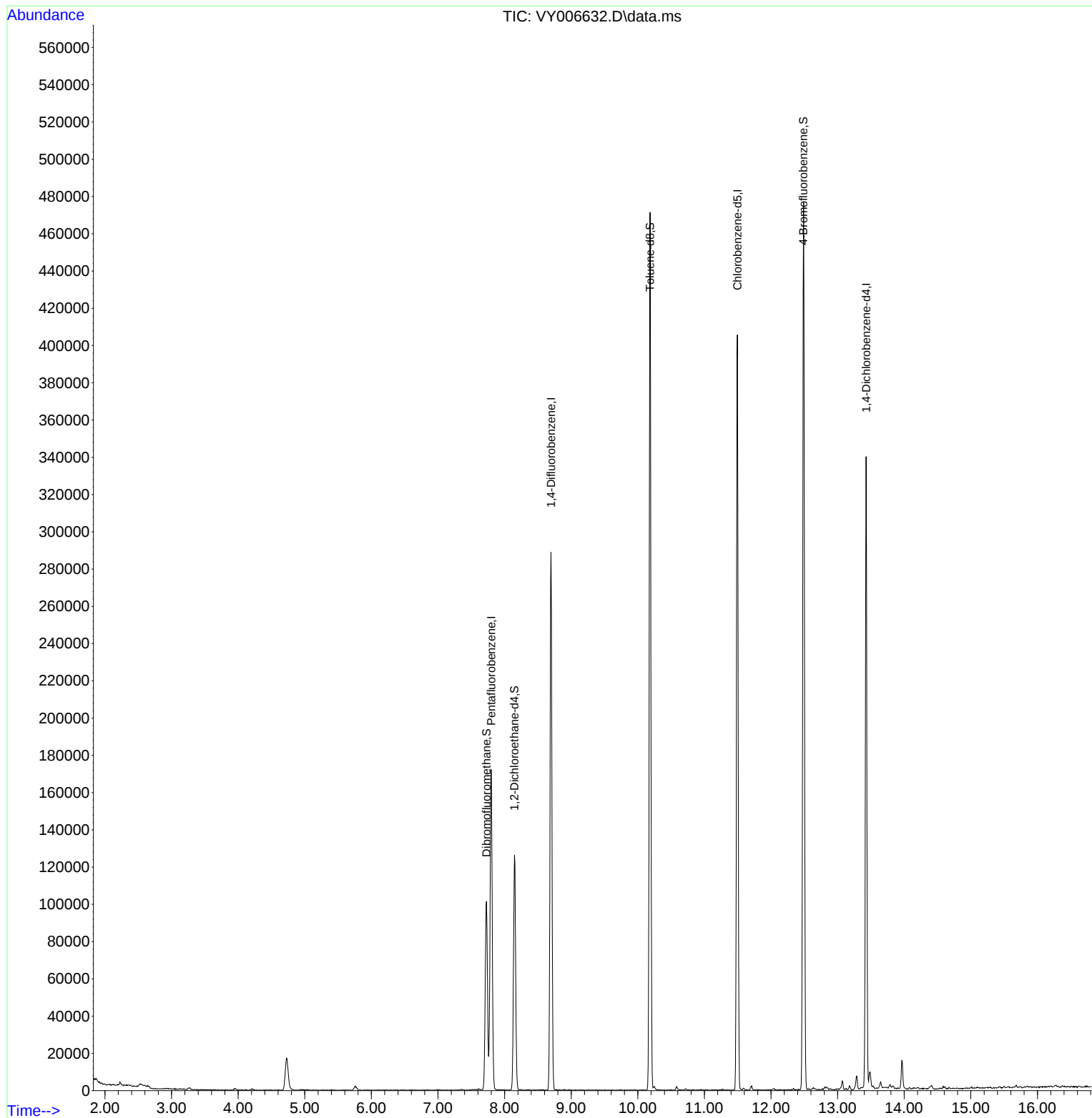
Target Compounds	Qvalue

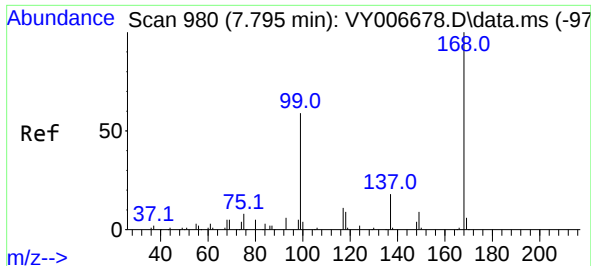
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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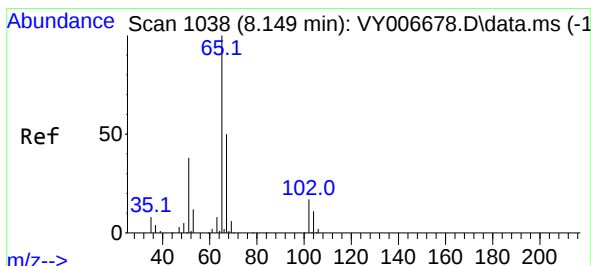
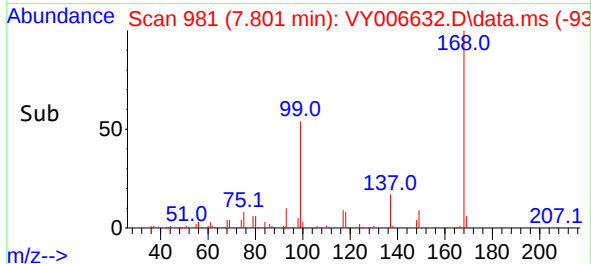
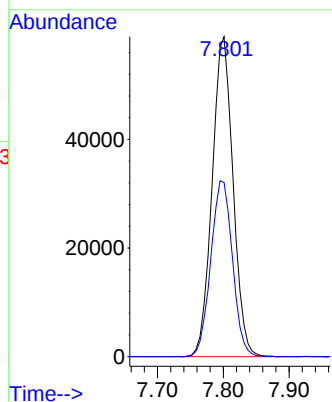
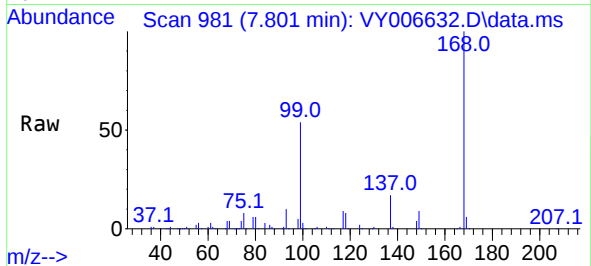




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006632.D
Acq: 04 Nov 2021 20:13

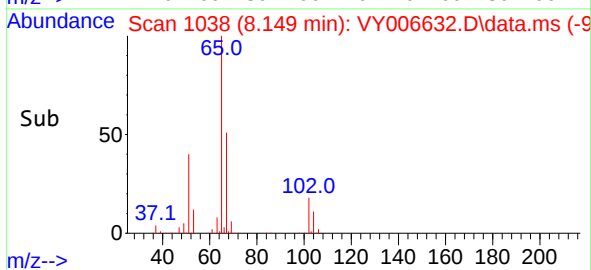
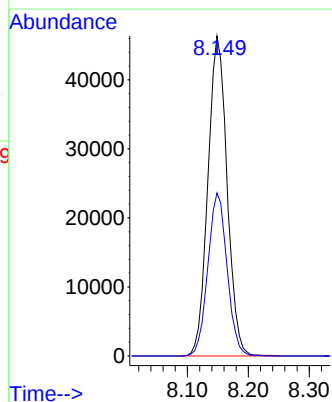
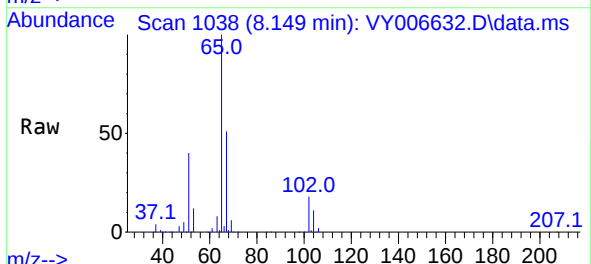
Instrument :
MSVOA_Y
ClientSampleId :
AG-4

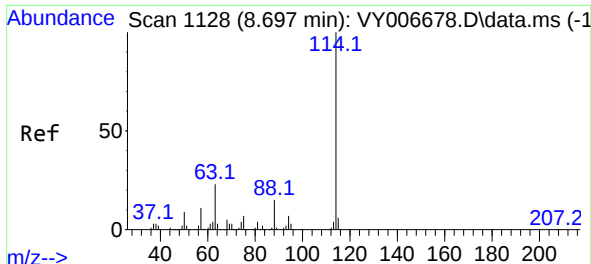
Tgt Ion:168 Resp: 130588
Ion Ratio Lower Upper
168 100
99 54.5 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 63.050 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006632.D
Acq: 04 Nov 2021 20:13

Tgt Ion: 65 Resp: 101320
Ion Ratio Lower Upper
65 100
67 51.1 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: VY006632.D

Acq: 04 Nov 2021 20:13

Instrument :

MSVOA_Y

ClientSampleId :

AG-4

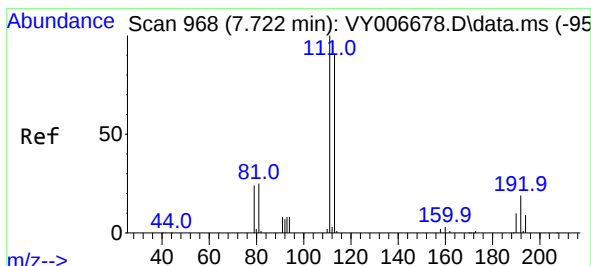
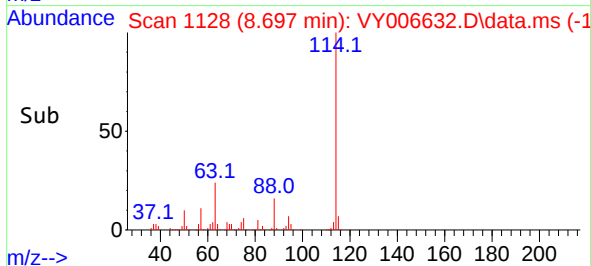
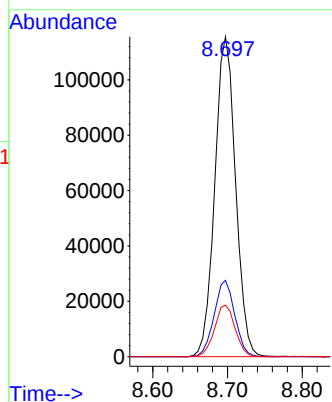
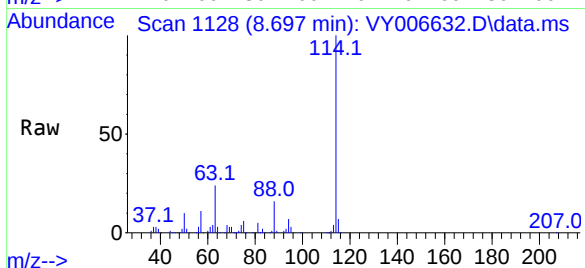
Tgt Ion:114 Resp: 222391

Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.0

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.223 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006632.D

Acq: 04 Nov 2021 20:13

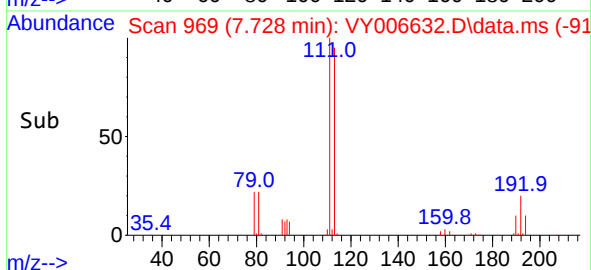
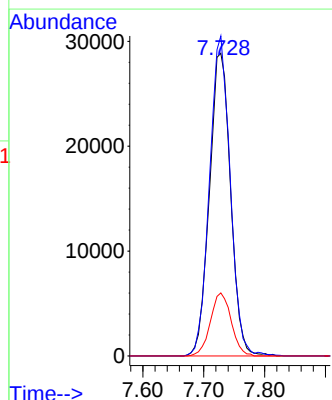
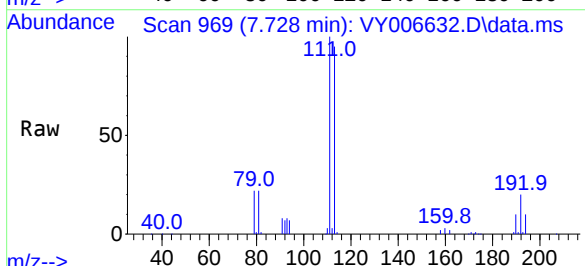
Tgt Ion:113 Resp: 69691

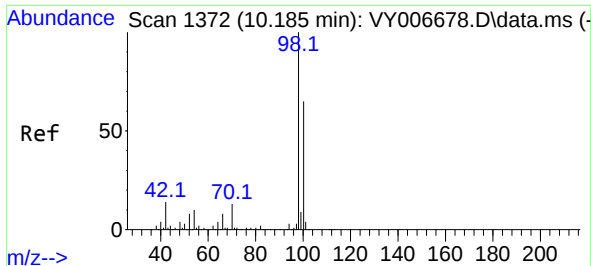
Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

192 20.5 17.4 26.2

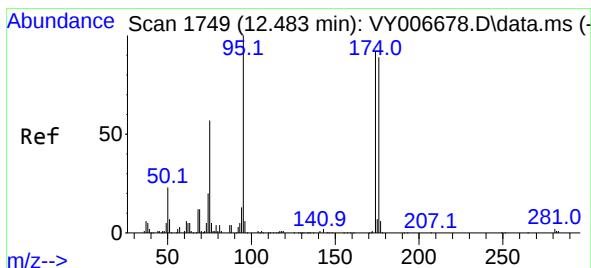
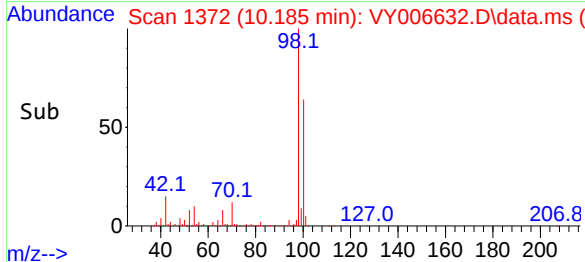
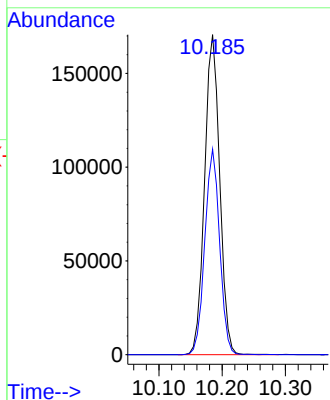
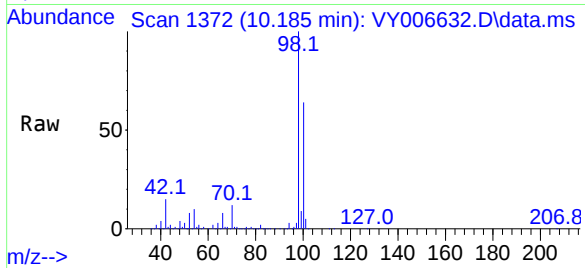




#50
Toluene-d8
Concen: 54.019 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006632.D
Acq: 04 Nov 2021 20:13

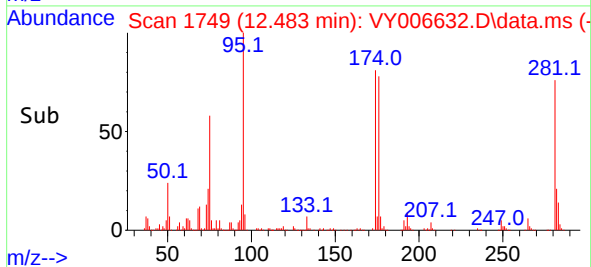
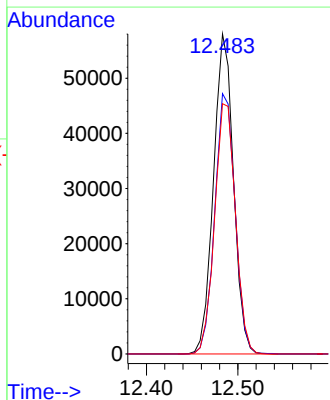
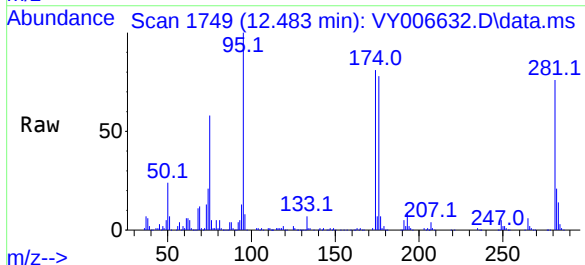
Instrument :
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ClientSampleId :
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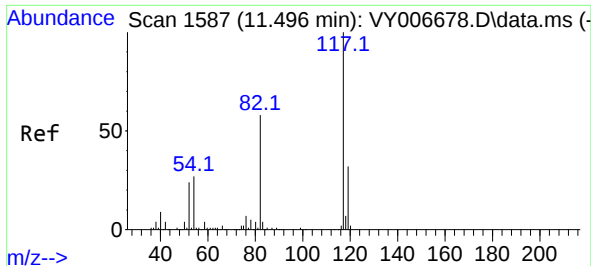
Tgt Ion: 98 Resp: 283851
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.754 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006632.D
Acq: 04 Nov 2021 20:13

Tgt Ion: 95 Resp: 88067
Ion Ratio Lower Upper
95 100
174 82.8 0.0 177.0
176 81.7 0.0 169.4

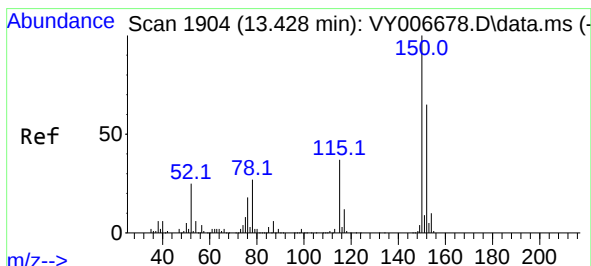
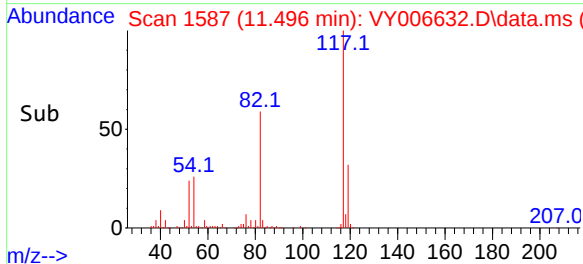
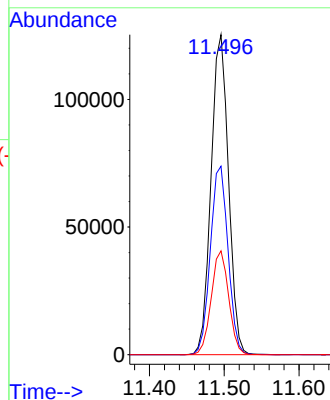
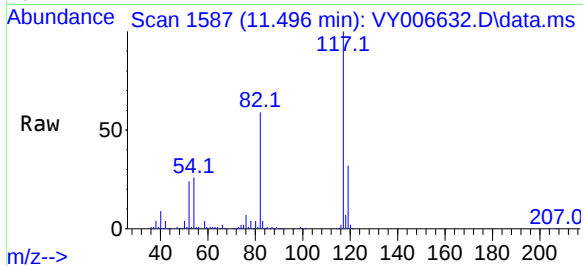




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006632.D
Acq: 04 Nov 2021 20:13

Instrument :
MSVOA_Y
ClientSampleId :
AG-4

Tgt Ion:117 Resp: 203133
Ion Ratio Lower Upper
117 100
82 58.9 45.7 68.5
119 32.4 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: VY006632.D
Acq: 04 Nov 2021 20:13

Tgt Ion:152 Resp: 78823
Ion Ratio Lower Upper
152 100
115 58.4 28.5 85.5
150 157.1 0.0 348.2

