

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
 Data File : VY007084.D
 Acq On : 08 Jan 2022 17:27
 Operator : SY/MD
 Sample : N1069-02
 Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-2-010522

Quant Time: Jan 10 03:41:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 03:29:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	132958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	236544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	216573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93336	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90195	56.704	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.400%
35) Dibromofluoromethane	7.728	113	77736	49.309	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.620%
50) Toluene-d8	10.185	98	289649	49.740	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.480%
62) 4-Bromofluorobenzene	12.483	95	103169	49.124	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.240%

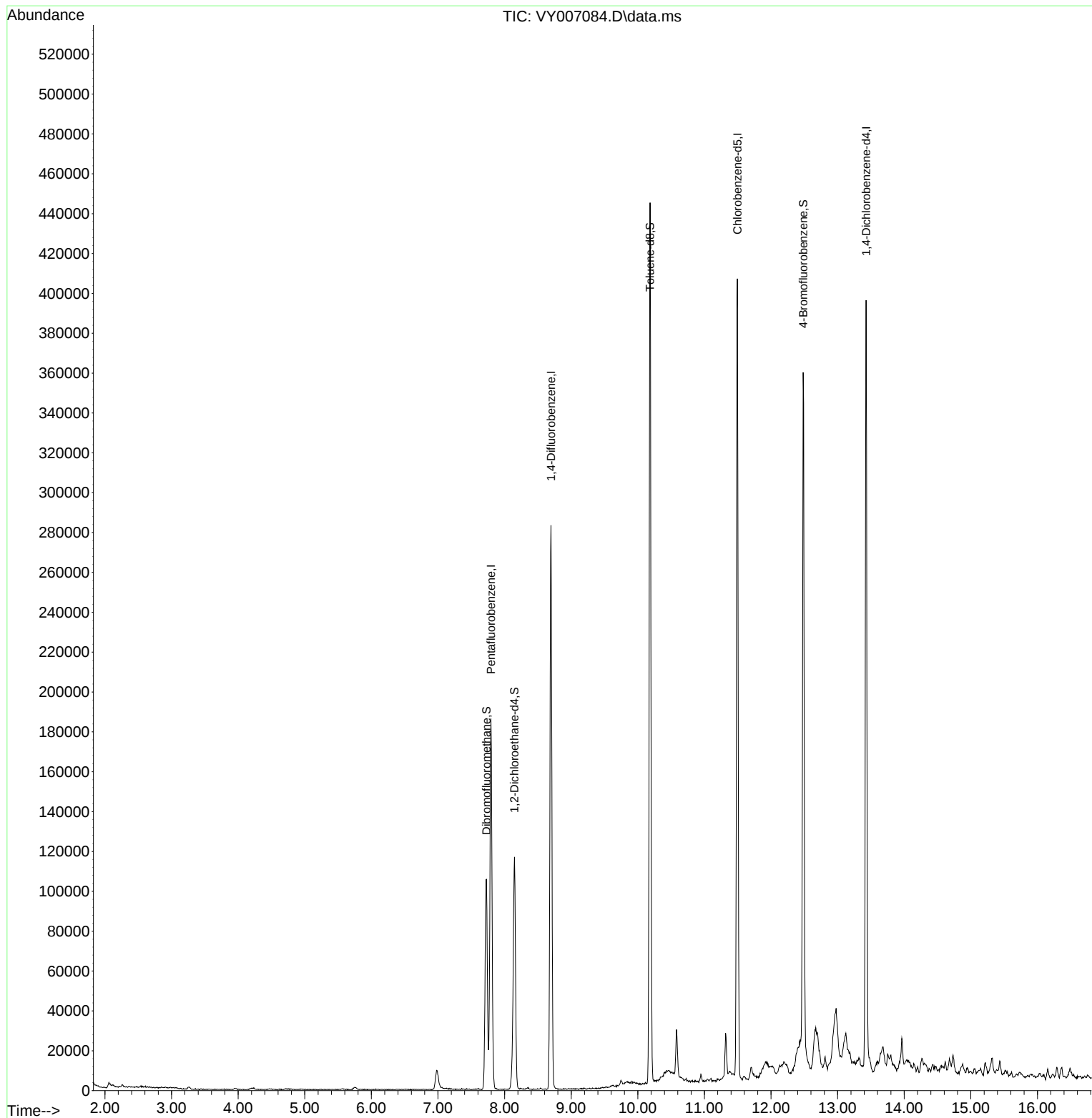
Target Compounds	Qvalue

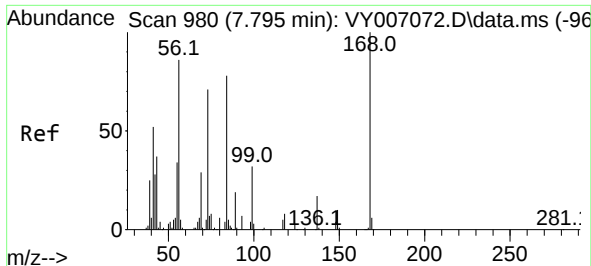
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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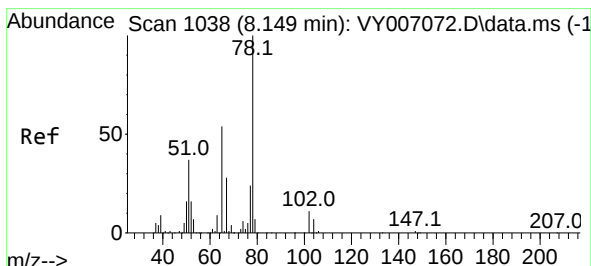
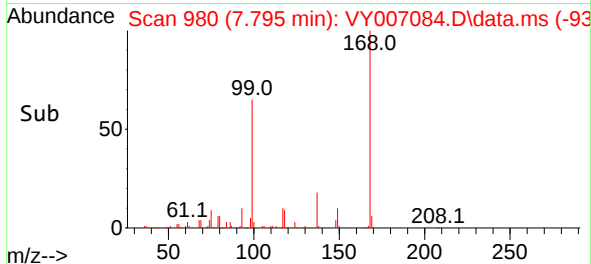
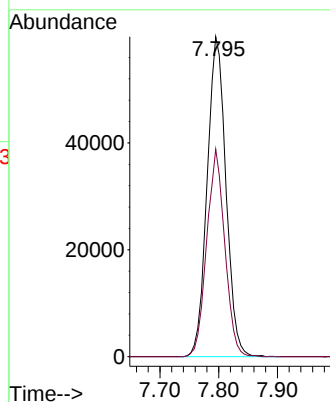
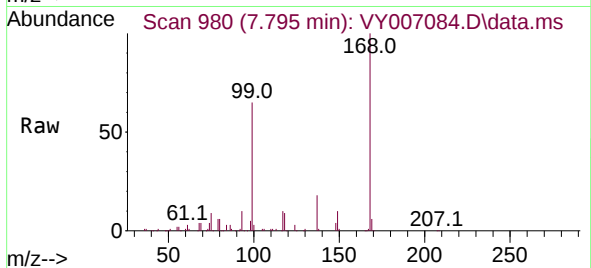




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007084.D
Acq: 08 Jan 2022 17:27

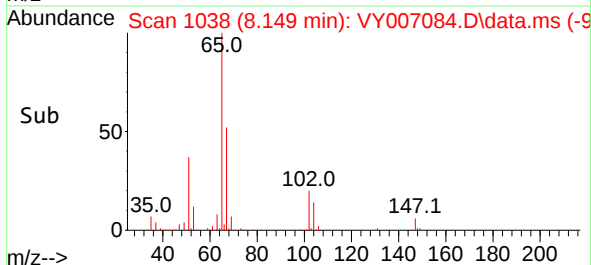
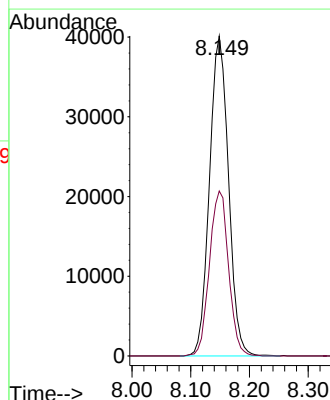
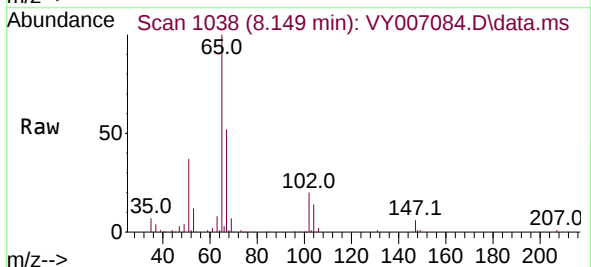
Instrument :
MSVOA_Y
ClientSampleId :
PX-2-010522

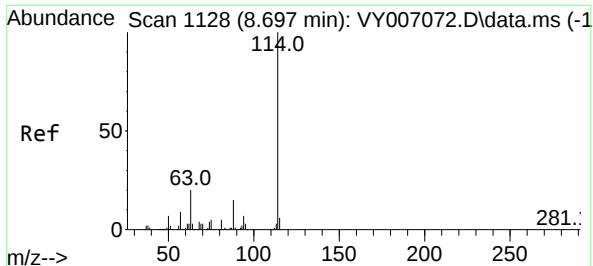
Tgt Ion:168 Resp: 132958
Ion Ratio Lower Upper
168 100
99 64.8 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 56.704 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY007084.D
Acq: 08 Jan 2022 17:27

Tgt Ion: 65 Resp: 90195
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY007084.D

Acq: 08 Jan 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

PX-2-010522

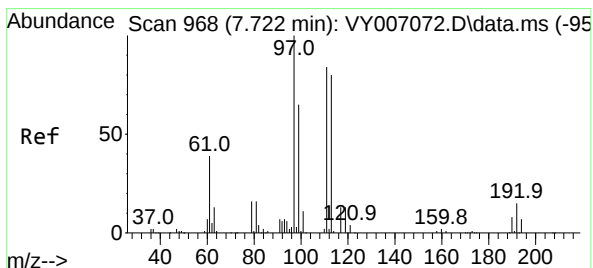
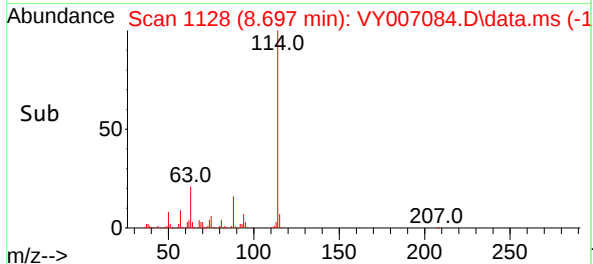
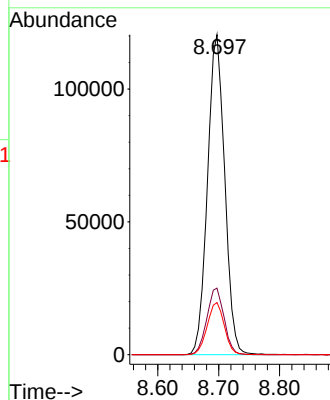
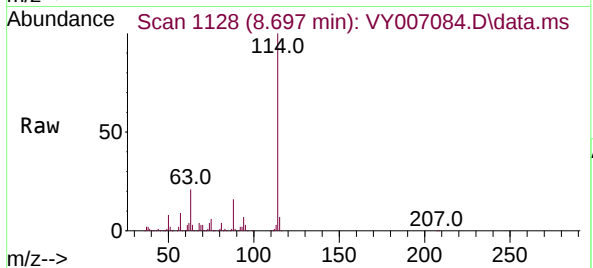
Tgt Ion:114 Resp: 236544

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.2

88 16.3 0.0 31.0



#35

Dibromofluoromethane

Concen: 49.309 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY007084.D

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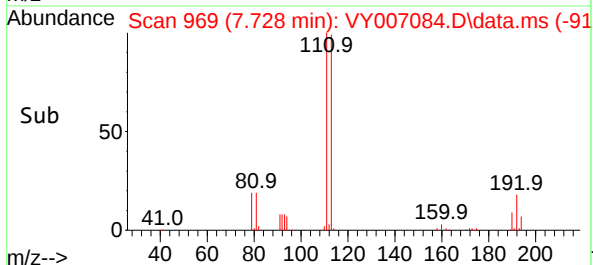
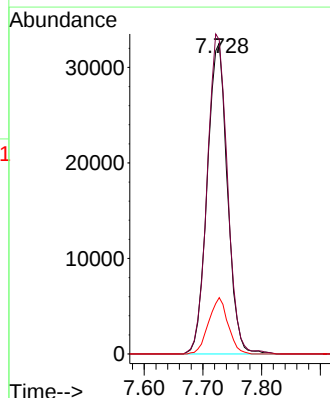
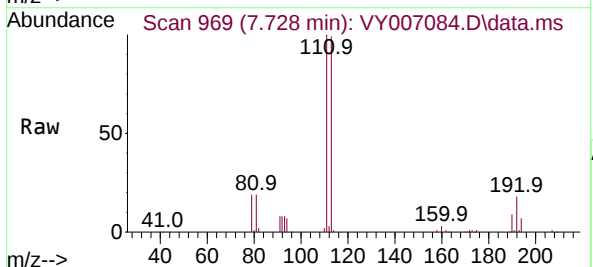
Tgt Ion:113 Resp: 77736

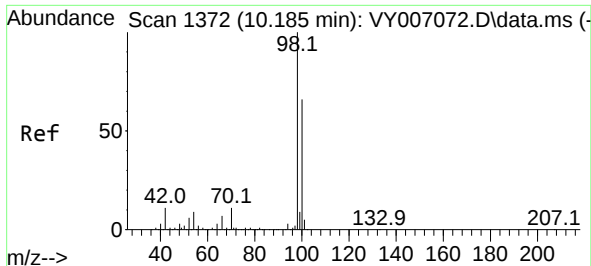
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 17.4 14.2 21.4

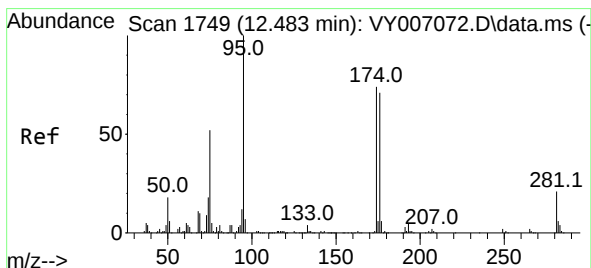
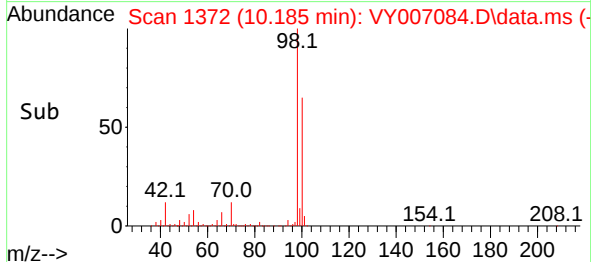
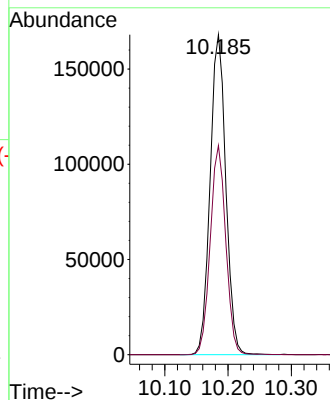
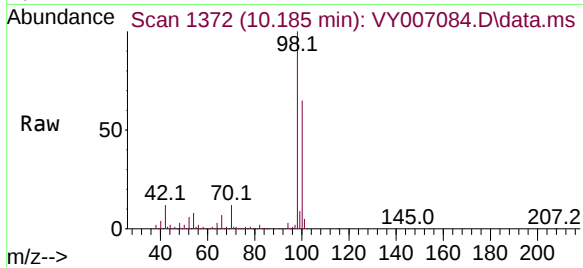




#50
Toluene-d8
Concen: 49.740 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007084.D
Acq: 08 Jan 2022 17:27

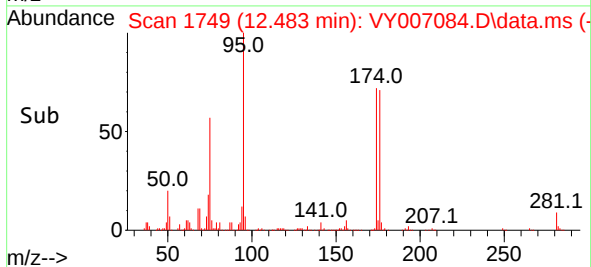
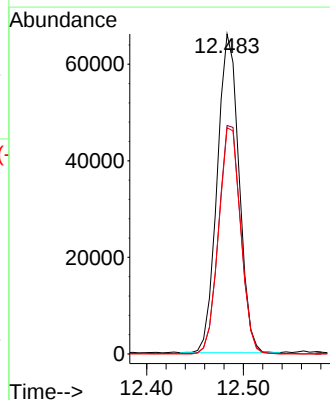
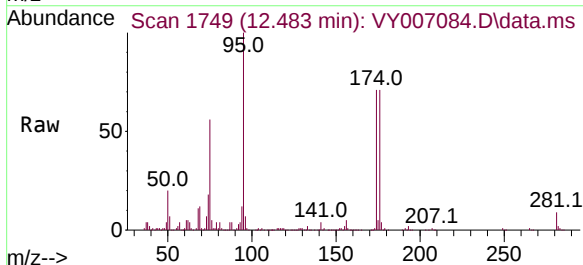
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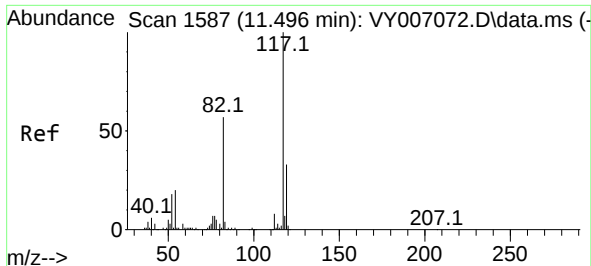
Tgt Ion: 98 Resp: 289649
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.124 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007084.D
Acq: 08 Jan 2022 17:27

Tgt Ion: 95 Resp: 103169
Ion Ratio Lower Upper
95 100
174 72.1 0.0 148.4
176 71.8 0.0 146.6

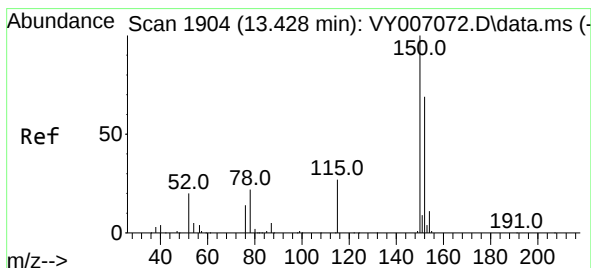
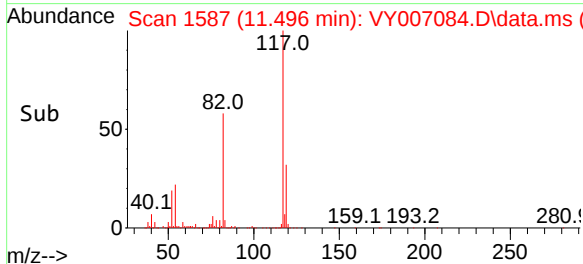
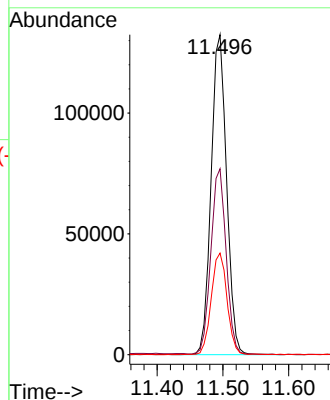
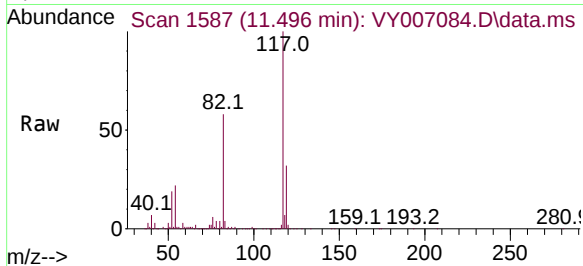




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007084.D
Acq: 08 Jan 2022 17:27

Instrument :
MSVOA_Y
ClientSampleId :
PX-2-010522

Tgt Ion:117 Resp: 216573
Ion Ratio Lower Upper
117 100
82 58.0 45.4 68.0
119 31.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007084.D
Acq: 08 Jan 2022 17:27

Tgt Ion:152 Resp: 93336
Ion Ratio Lower Upper
152 100
115 63.8 31.4 94.0
150 156.3 0.0 348.4

