

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007739.D
 Acq On : 04 Mar 2022 12:09
 Operator : SY/MD
 Sample : VY0304SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0304SBL01

Quant Time: Mar 05 04:23:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	356401	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	559072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	504760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	229677	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	180018	48.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.500%
35) Dibromofluoromethane	7.728	113	179856	50.319	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.640%
50) Toluene-d8	10.185	98	675178	51.316	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.640%
62) 4-Bromofluorobenzene	12.483	95	198159	46.723	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.440%

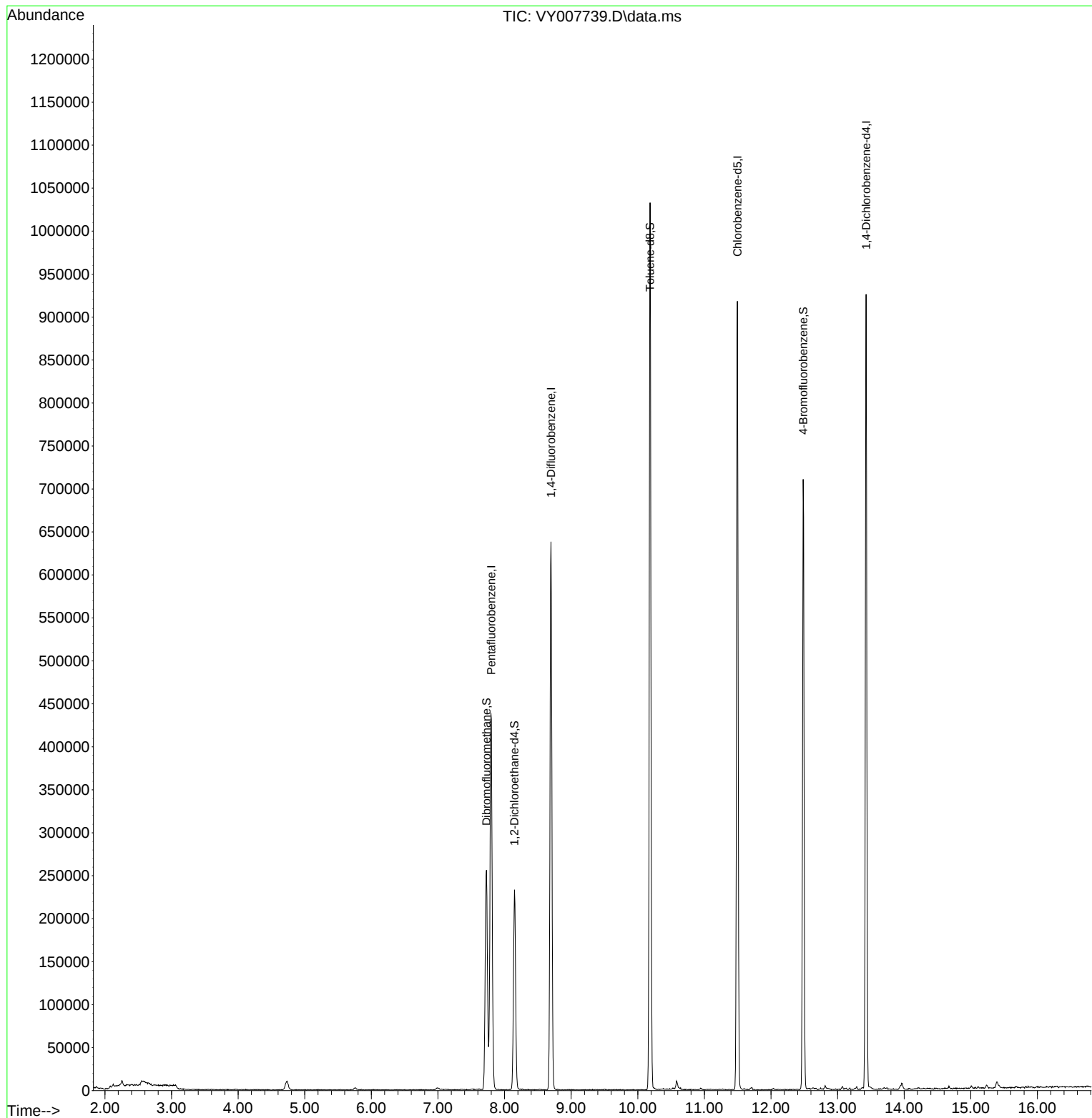
Target Compounds	Qvalue

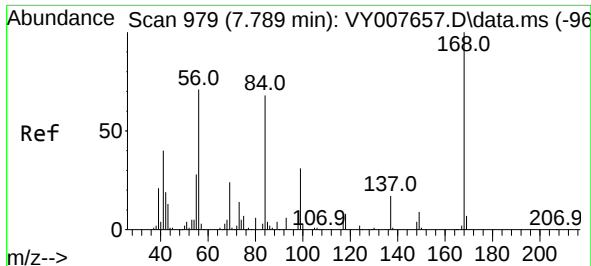
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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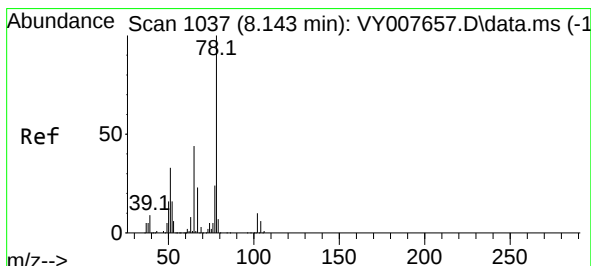
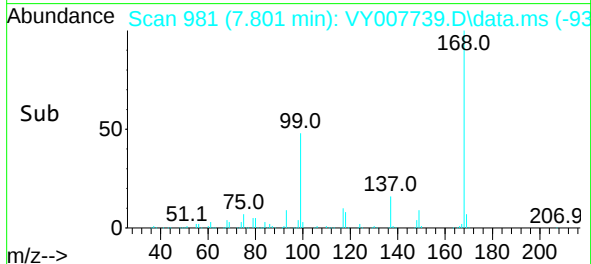
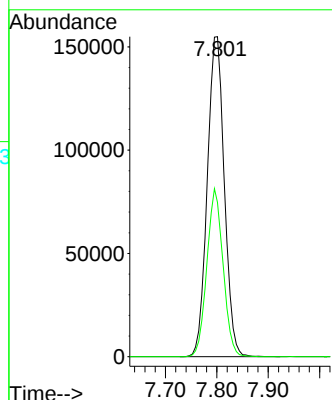
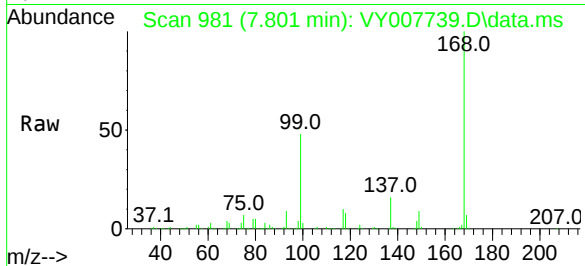




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

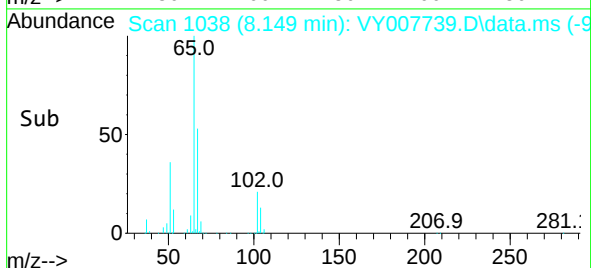
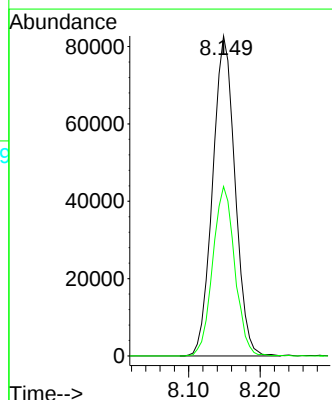
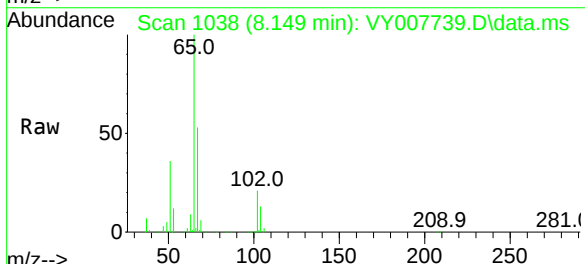
Instrument :
MSVOA_Y
ClientSampleId :
VY0304SBL01

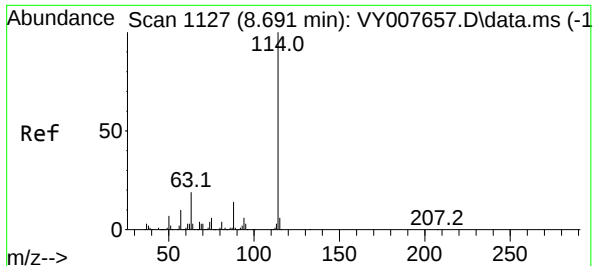
Tgt Ion:168 Resp: 356401
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.247 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

Tgt Ion: 65 Resp: 180018
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY007739.D

Acq: 04 Mar 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0304SBL01

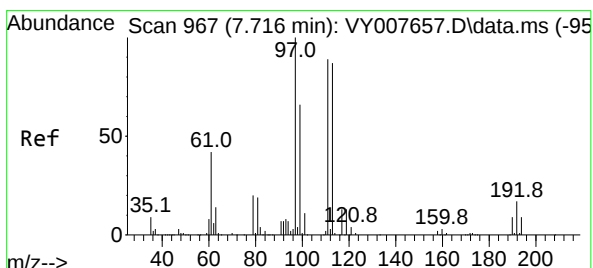
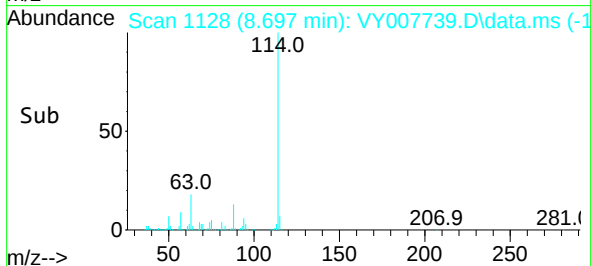
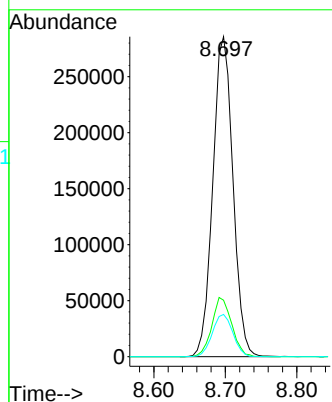
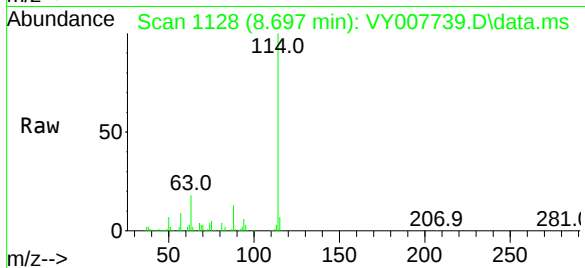
Tgt Ion:114 Resp: 559072

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 13.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.319 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY007739.D

Acq: 04 Mar 2022 12:09

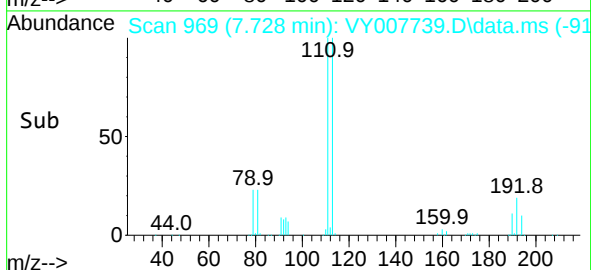
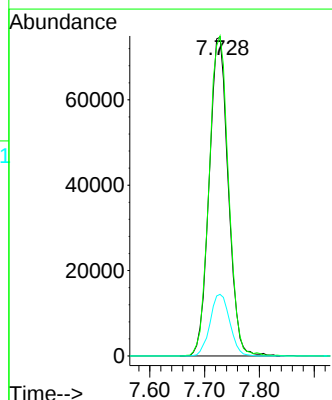
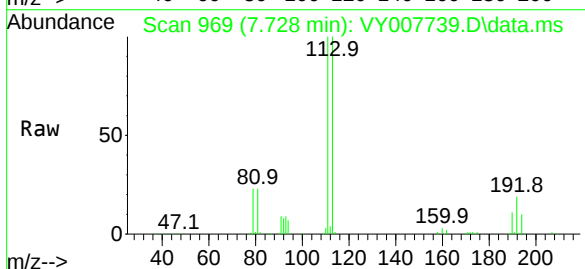
Tgt Ion:113 Resp: 179856

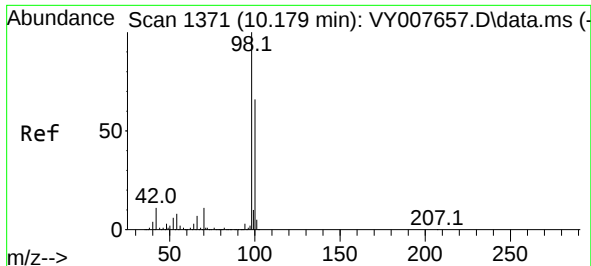
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 20.0 17.6 26.4

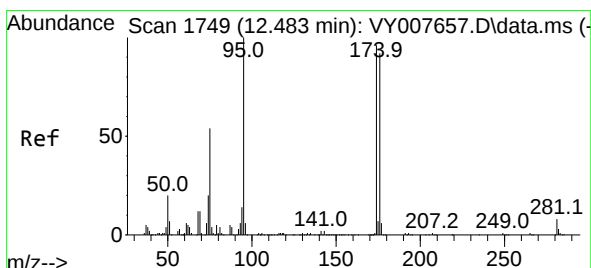
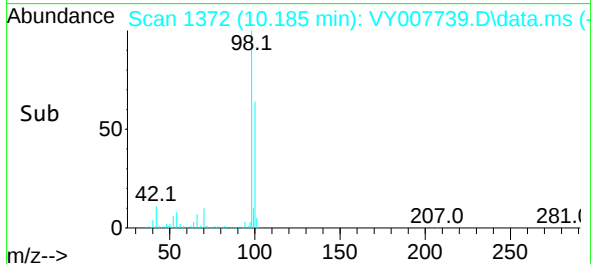
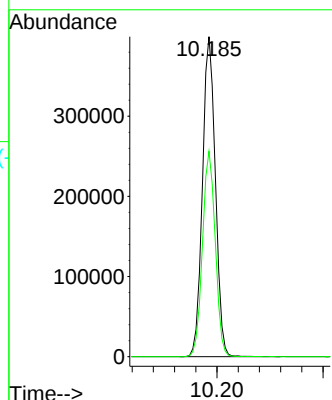
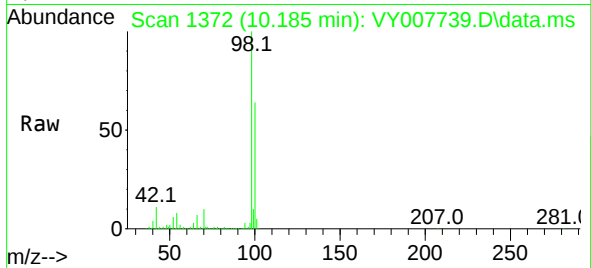




#50
Toluene-d8
Concen: 51.316 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

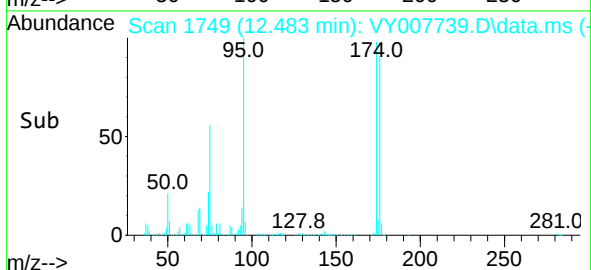
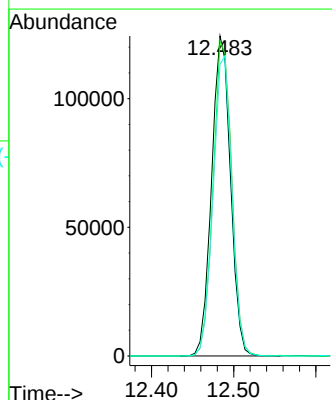
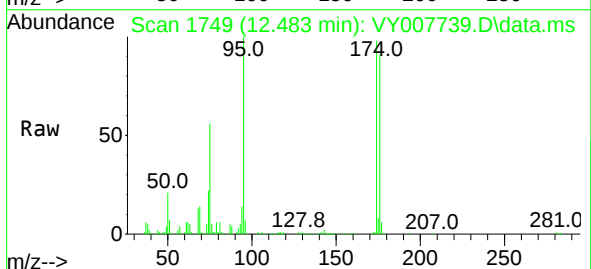
Instrument :
MSVOA_Y
ClientSampleId :
VY0304SBL01

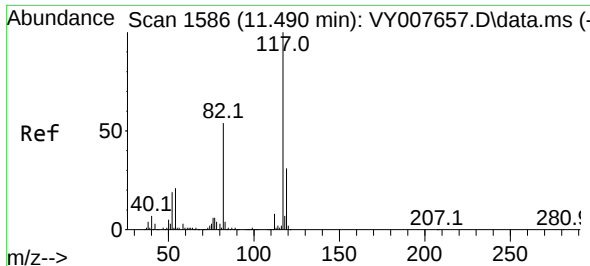
Tgt Ion: 98 Resp: 675178
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.723 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

Tgt Ion: 95 Resp: 198159
Ion Ratio Lower Upper
95 100
174 97.9 0.0 177.0
176 93.0 0.0 175.8

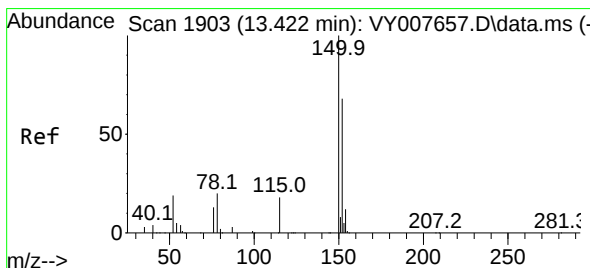
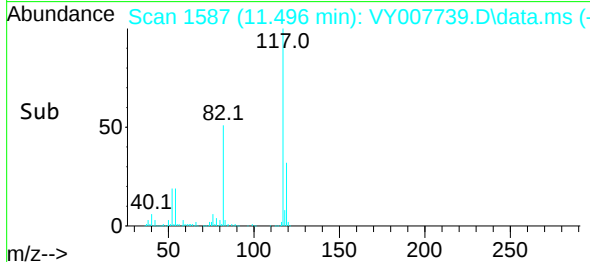
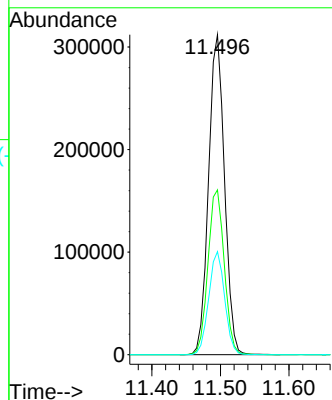
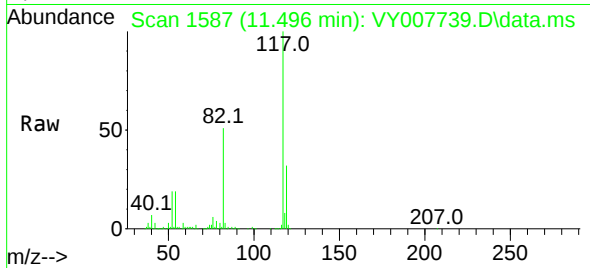




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0304SBL01

Tgt Ion:117 Resp: 504760
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

Tgt Ion:152 Resp: 229677
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 158.4 0.0 347.6

