

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009401.D
 Acq On : 30 Jun 2022 18:20
 Operator : KP/MD
 Sample : N3488-12
 Misc : 4.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7-16-18-20220623

Quant Time: Jul 01 03:48:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	130254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	225329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	215712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99504	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	59729	57.251	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.500%
35) Dibromofluoromethane	7.710	113	52819	42.591	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.180%
50) Toluene-d8	10.173	98	200731	52.792	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.580%
62) 4-Bromofluorobenzene	12.477	95	64551	35.796	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.600%

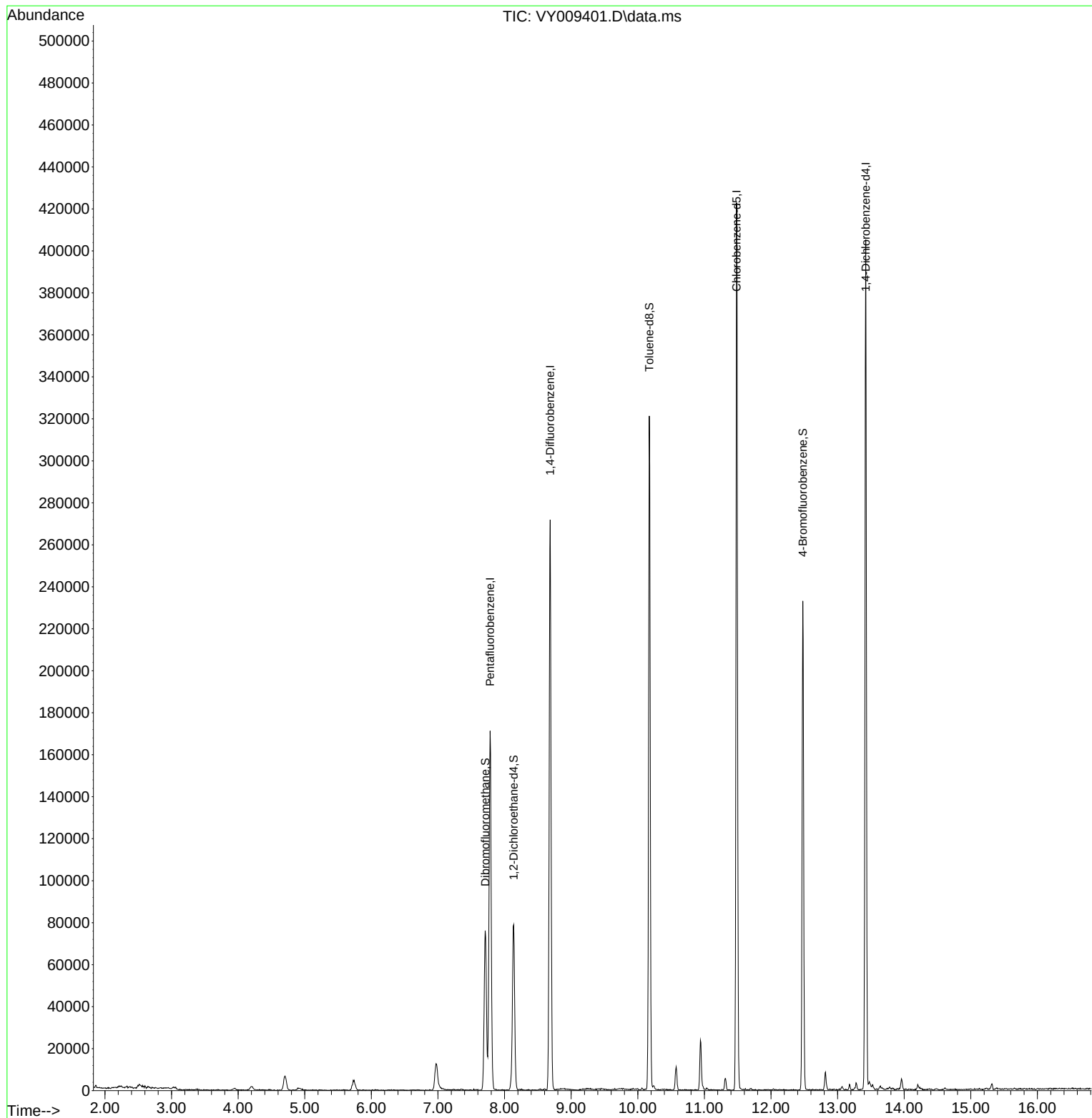
Target Compounds	Qvalue

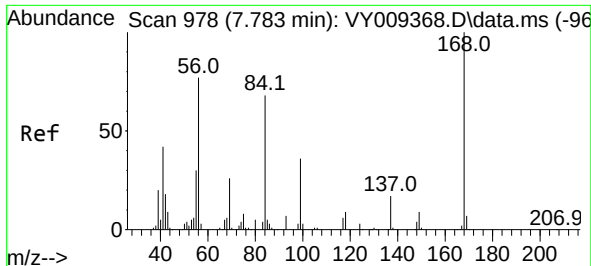
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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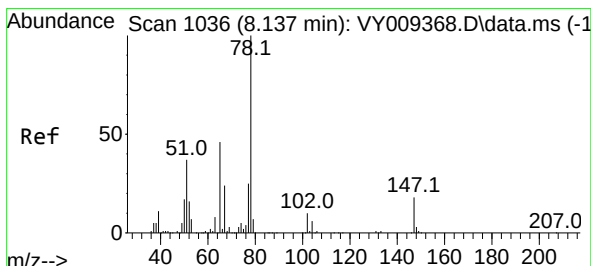
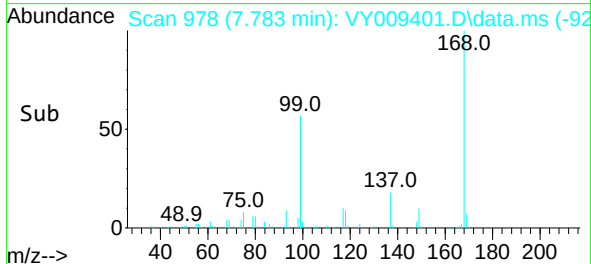
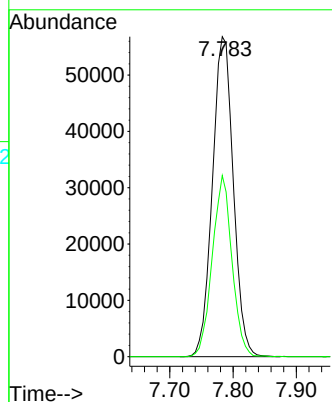
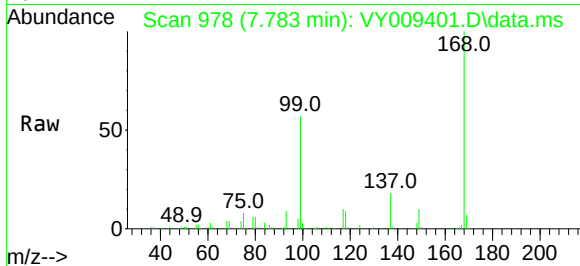




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

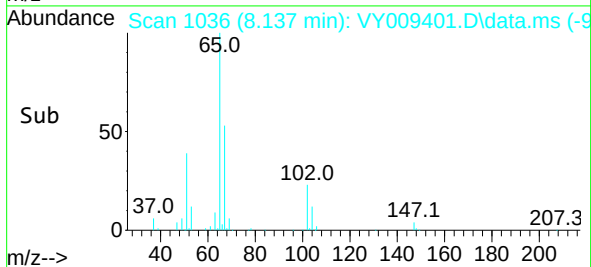
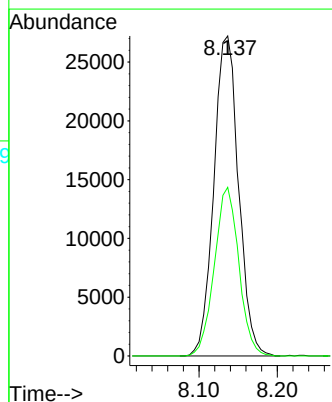
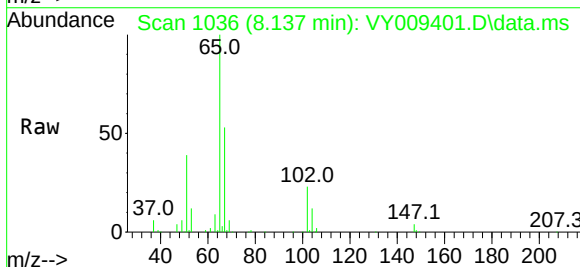
Instrument :
MSVOA_Y
ClientSampleId :
SB-7-16-18-20220623

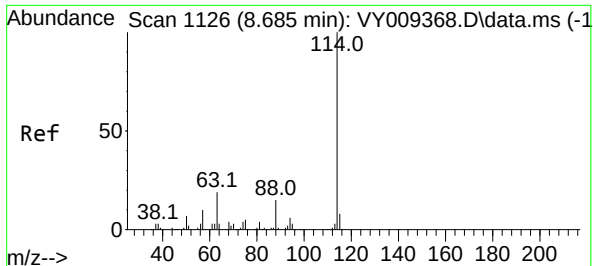
Tgt Ion:168 Resp: 130254
Ion Ratio Lower Upper
168 100
99 56.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.251 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

Tgt Ion: 65 Resp: 59729
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009401.D

Acq: 30 Jun 2022 18:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-7-16-18-20220623

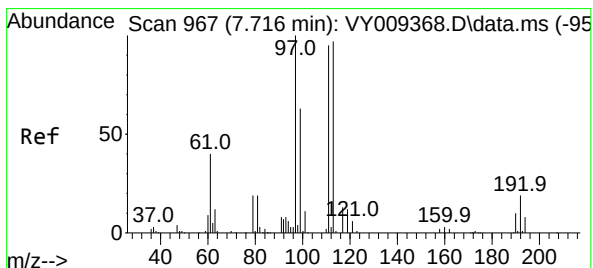
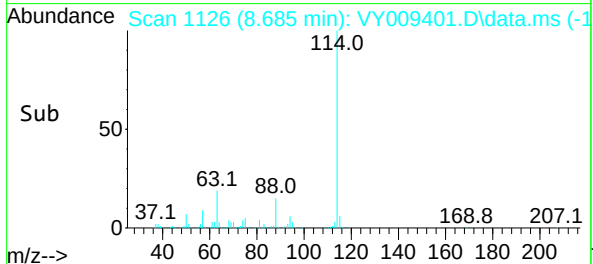
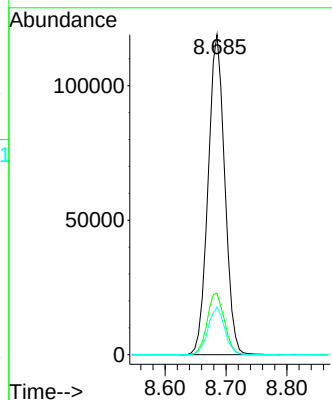
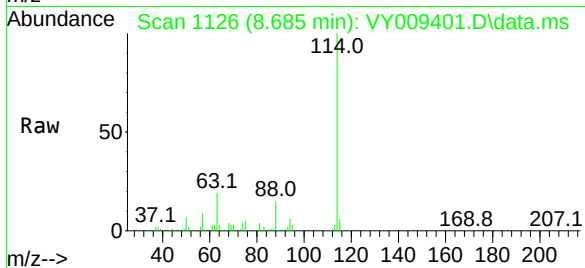
Tgt Ion:114 Resp: 225329

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.591 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009401.D

Acq: 30 Jun 2022 18:20

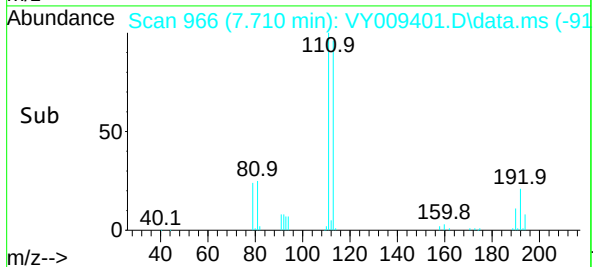
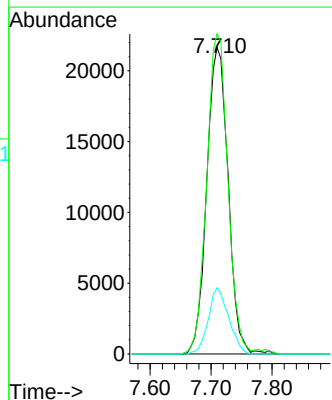
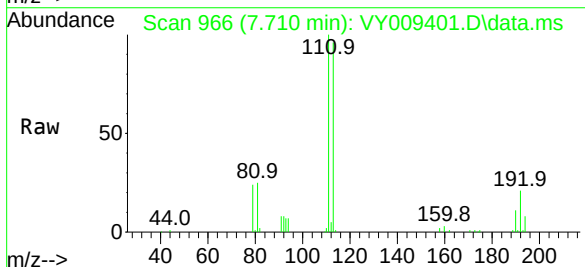
Tgt Ion:113 Resp: 52819

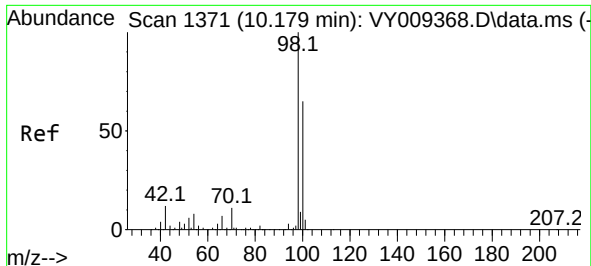
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 20.5 17.6 26.4

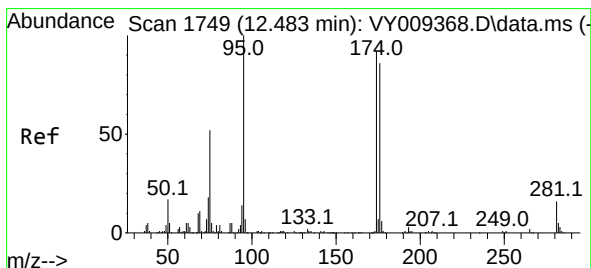
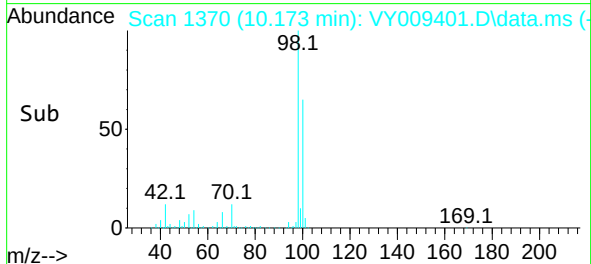
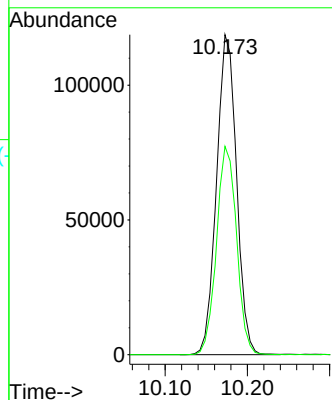
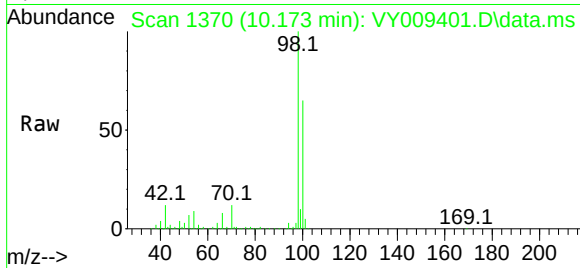




#50
Toluene-d8
Concen: 52.792 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

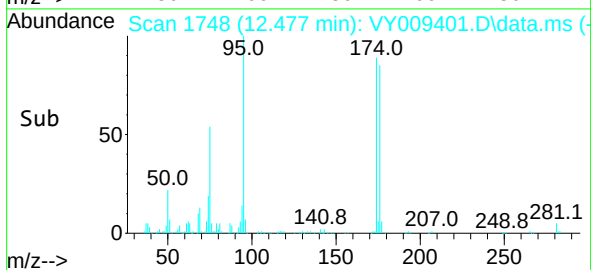
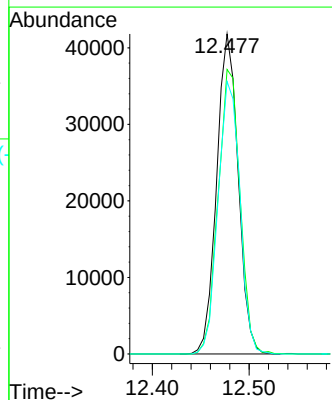
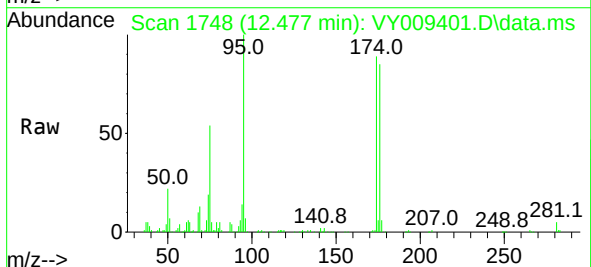
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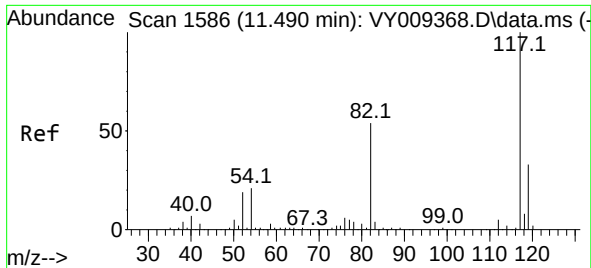
Tgt Ion: 98 Resp: 200731
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.796 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

Tgt Ion: 95 Resp: 64551
Ion Ratio Lower Upper
95 100
174 90.5 0.0 177.0
176 86.3 0.0 175.8

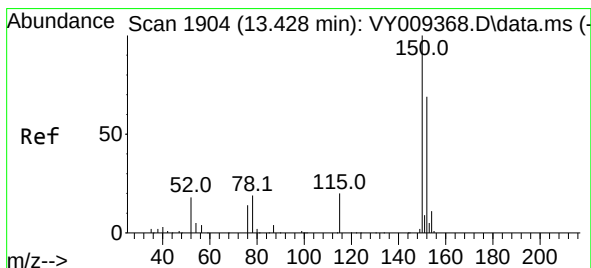
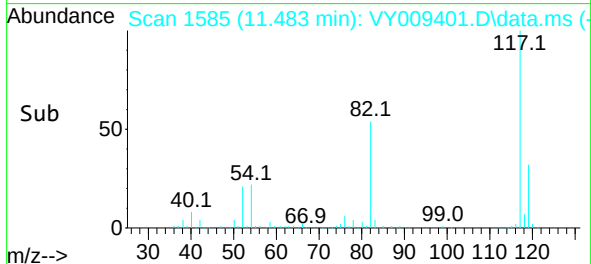
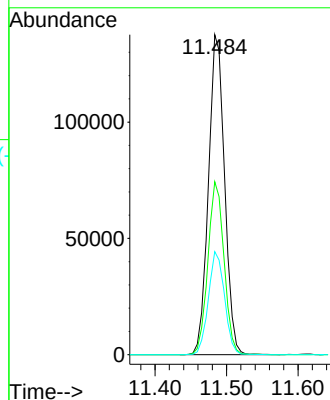
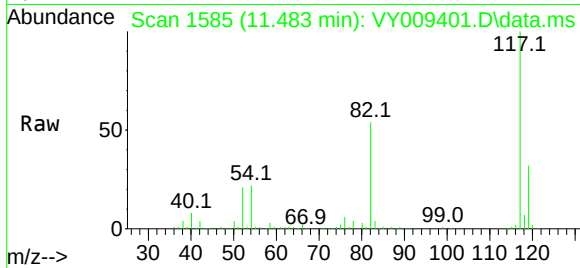




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

Instrument :
MSVOA_Y
ClientSampleId :
SB-7-16-18-20220623

Tgt Ion:117 Resp: 215712
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

Tgt Ion:152 Resp: 99504
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.7
150 157.8 0.0 347.6

