

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
 Data File : VY009418.D
 Acq On : 01 Jul 2022 13:33
 Operator : KP/MD
 Sample : N3538-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GS-3A

Quant Time: Jul 05 02:44:55 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	132887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	224961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	210310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	95496	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	59642	56.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.060%
35) Dibromofluoromethane	7.710	113	53612	43.301	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.600%
50) Toluene-d8	10.173	98	199271	52.493	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.980%
62) 4-Bromofluorobenzene	12.477	95	63152	35.077	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.160%

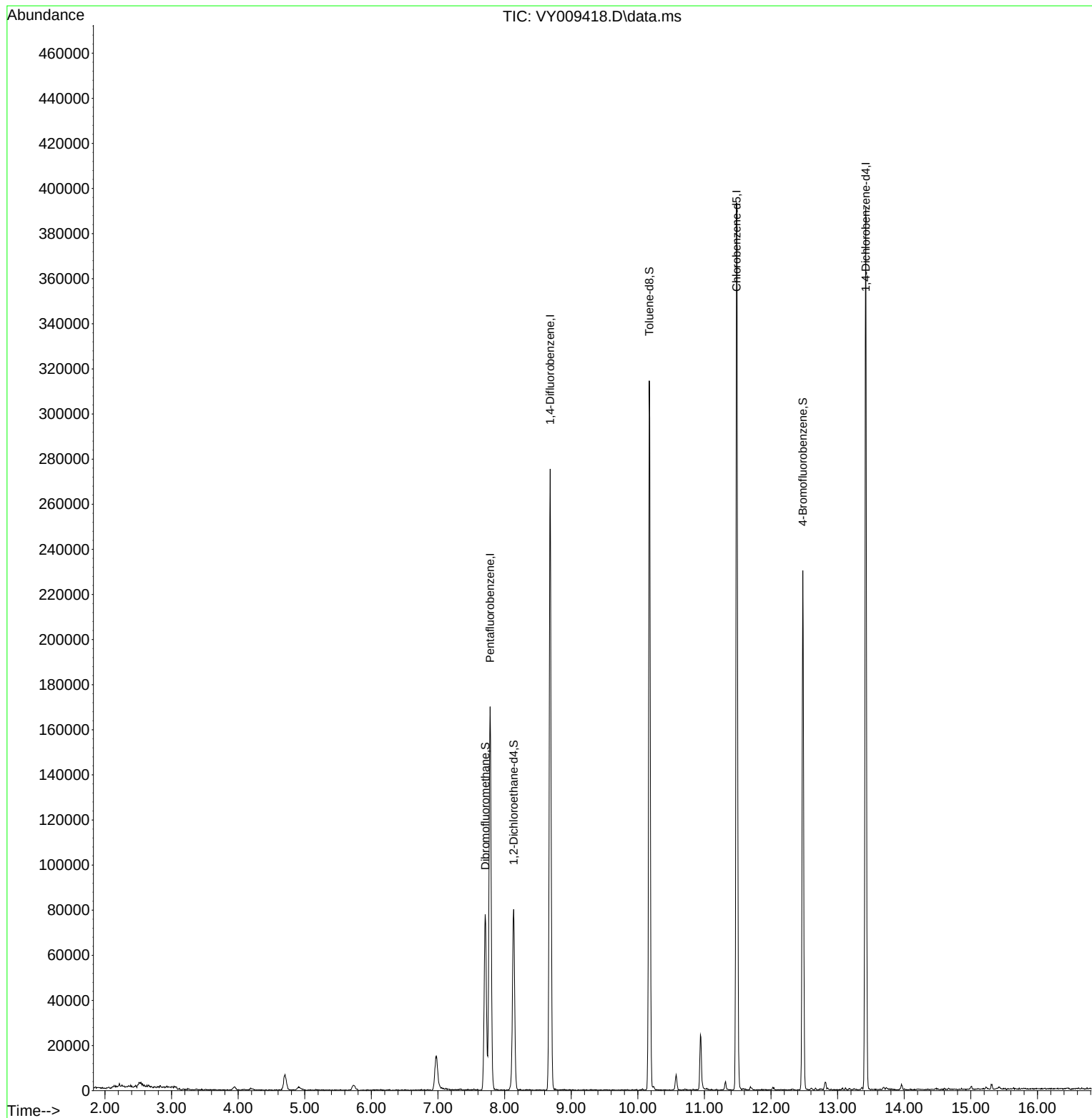
Target Compounds	Qvalue

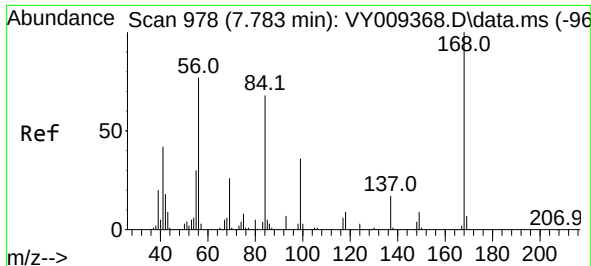
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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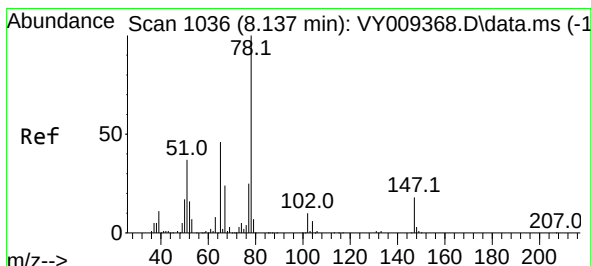
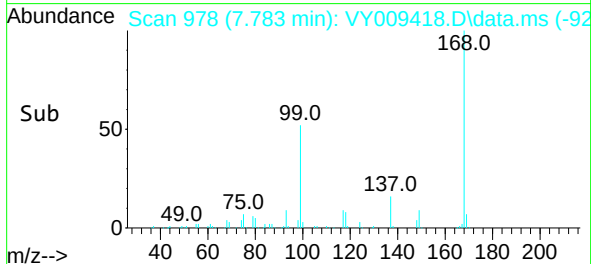
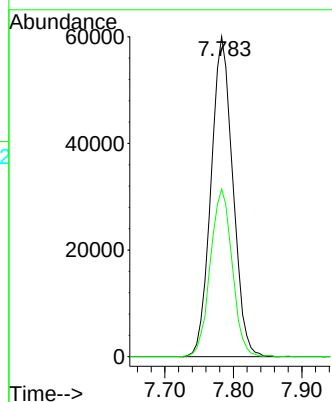
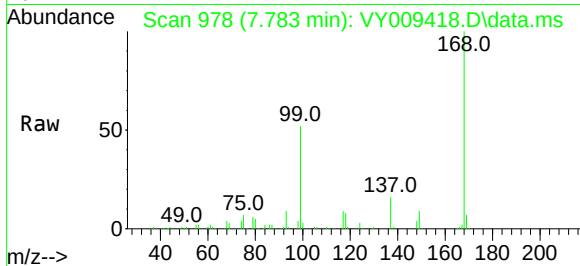




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009418.D
Acq: 01 Jul 2022 13:33

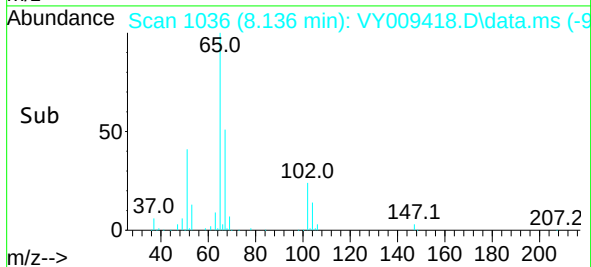
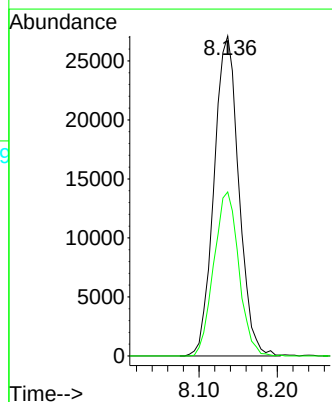
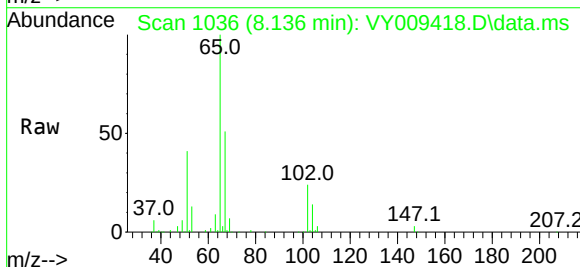
Instrument :
MSVOA_Y
ClientSampleId :
GS-3A

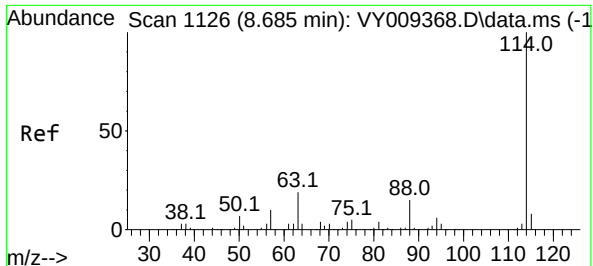
Tgt Ion:168 Resp: 132887
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.035 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009418.D
Acq: 01 Jul 2022 13:33

Tgt Ion: 65 Resp: 59642
Ion Ratio Lower Upper
65 100
67 51.7 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: VY009418.D

Acq: 01 Jul 2022 13:33

Instrument :

MSVOA_Y

ClientSampleId :

GS-3A

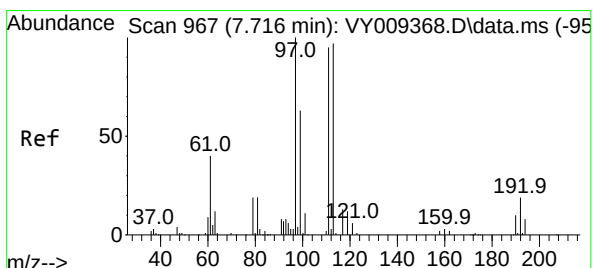
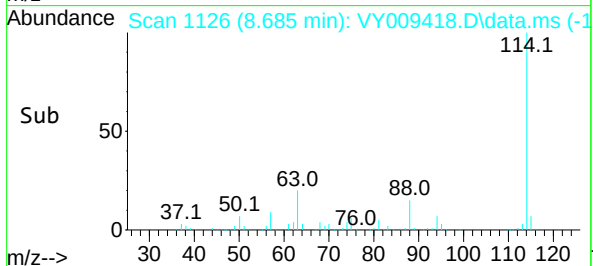
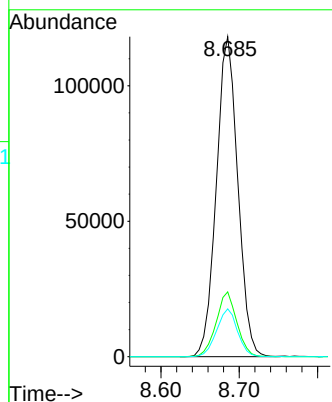
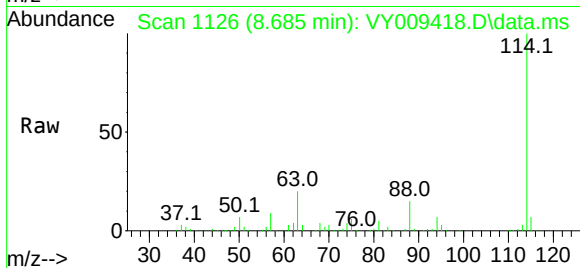
Tgt Ion:114 Resp: 224961

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.301 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009418.D

Acq: 01 Jul 2022 13:33

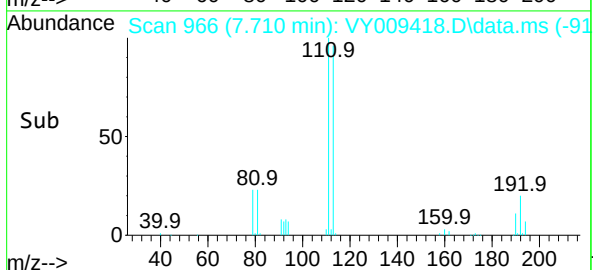
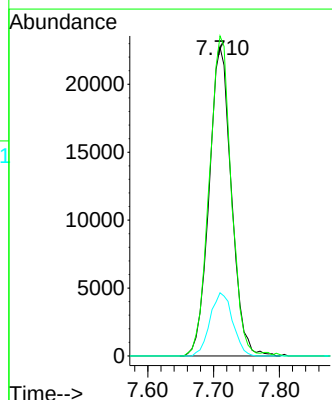
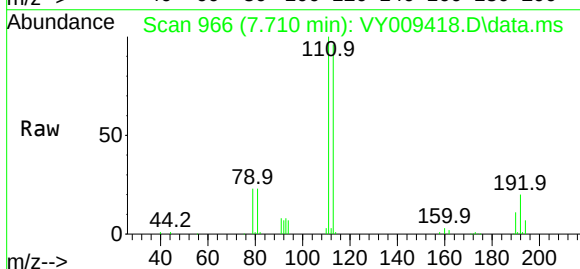
Tgt Ion:113 Resp: 53612

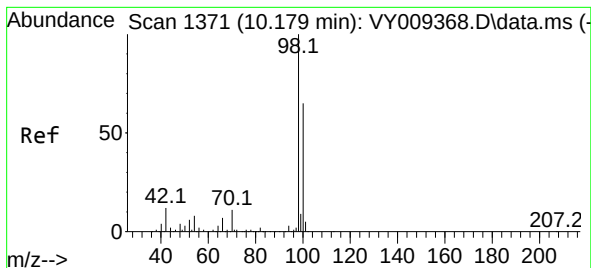
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 20.7 17.6 26.4





#50

Toluene-d8

Concen: 52.493 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009418.D

Acq: 01 Jul 2022 13:33

Instrument :

MSVOA_Y

ClientSampleId :

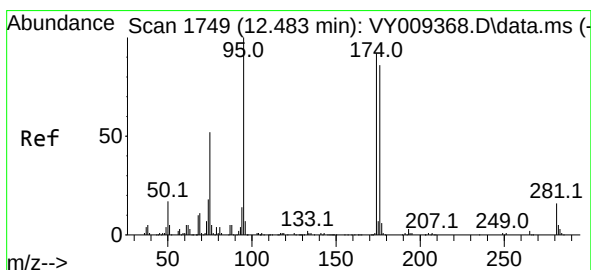
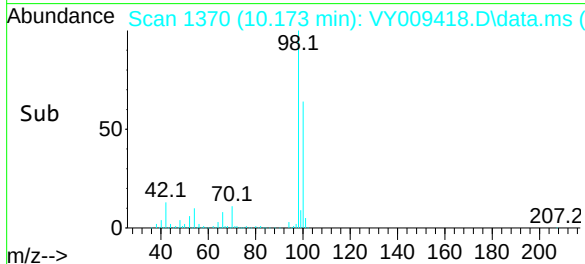
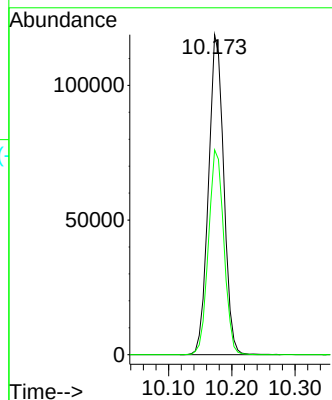
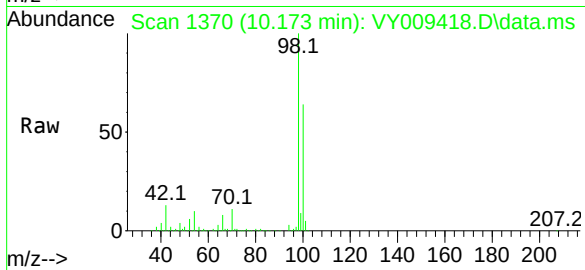
GS-3A

Tgt Ion: 98 Resp: 199271

Ion Ratio Lower Upper

98 100

100 64.6 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 35.077 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009418.D

Acq: 01 Jul 2022 13:33

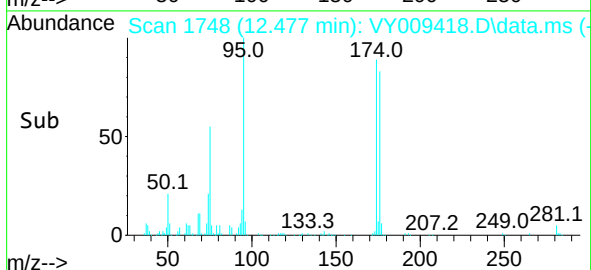
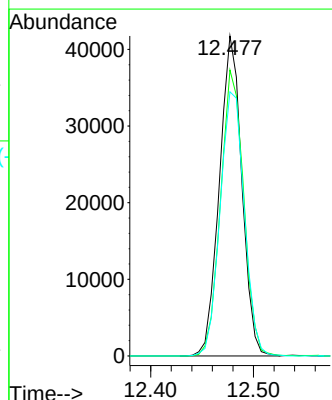
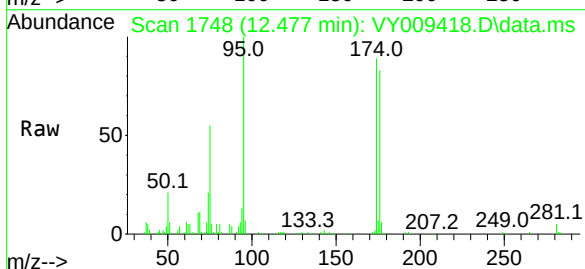
Tgt Ion: 95 Resp: 63152

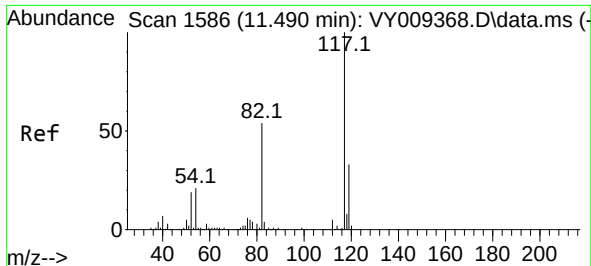
Ion Ratio Lower Upper

95 100

174 91.7 0.0 177.0

176 88.9 0.0 175.8

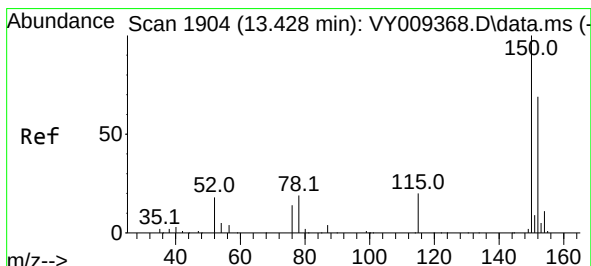
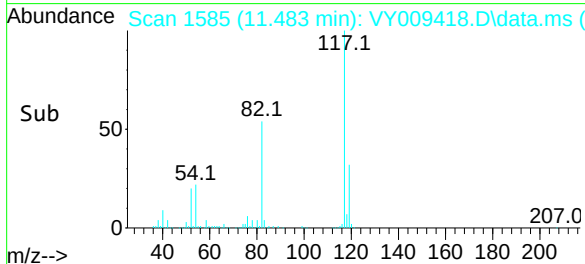
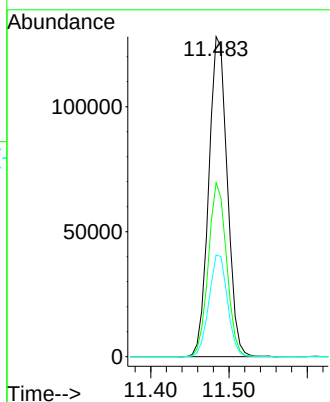
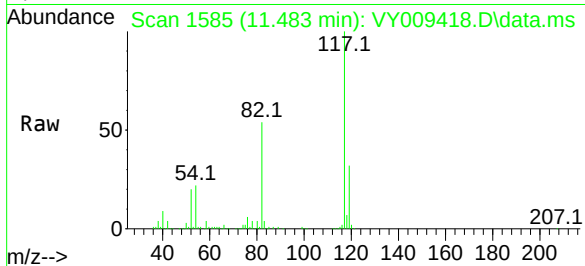




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009418.D
Acq: 01 Jul 2022 13:33

Instrument :
MSVOA_Y
ClientSampleId :
GS-3A

Tgt Ion:117 Resp: 210310
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.8 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: VY009418.D
Acq: 01 Jul 2022 13:33

Tgt Ion:152 Resp: 95496
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 159.3 0.0 347.6

