

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
 Data File : VY009422.D
 Acq On : 01 Jul 2022 15:07
 Operator : KP/MD
 Sample : N3558-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11998

Quant Time: Jul 05 02:46:01 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	128761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	219998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	205743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	95683	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58207	56.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.880%
35) Dibromofluoromethane	7.716	113	51308	42.375	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.740%
50) Toluene-d8	10.173	98	188665	50.821	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.640%
62) 4-Bromofluorobenzene	12.477	95	61716	35.053	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.100%

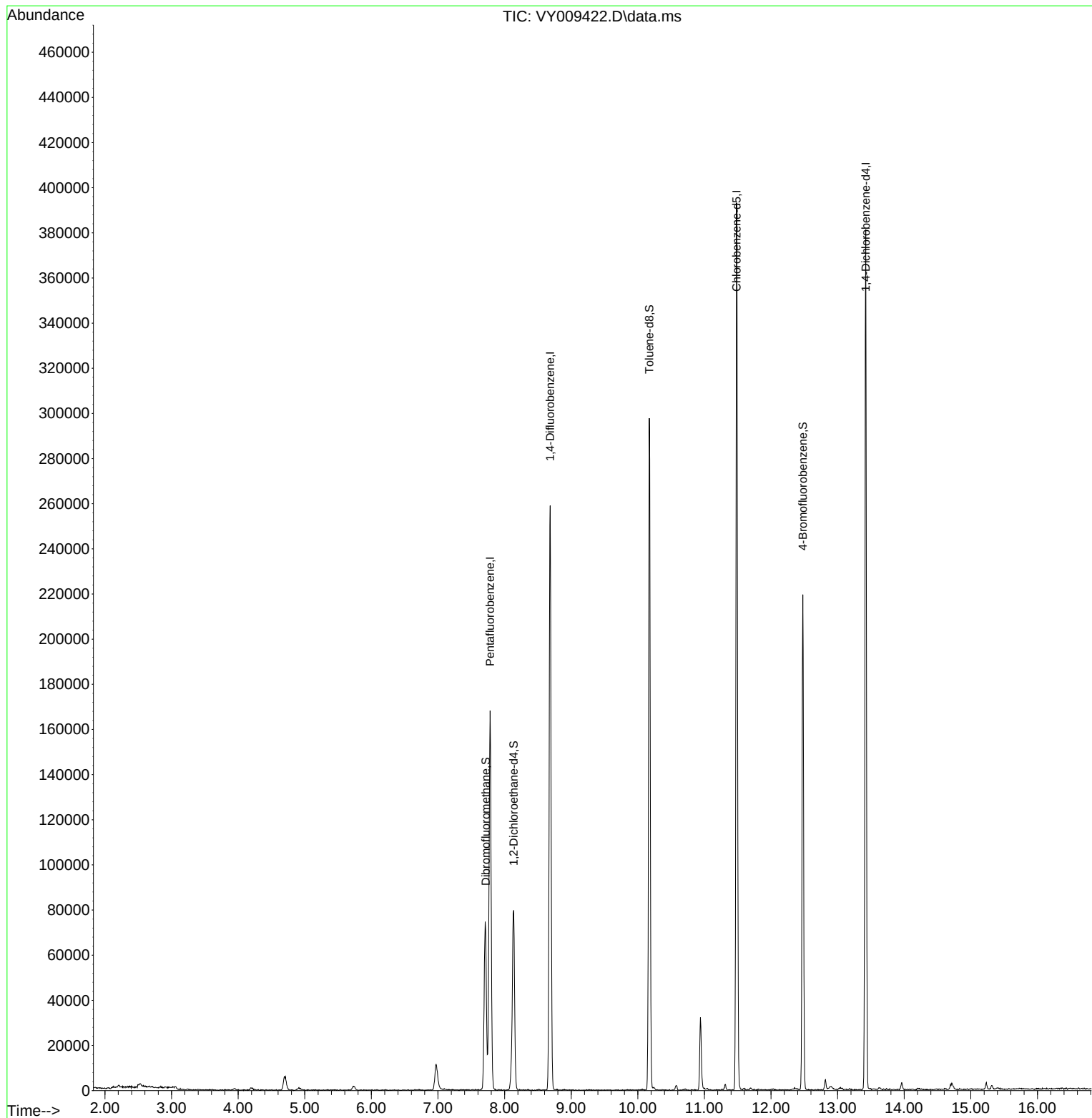
Target Compounds	Qvalue

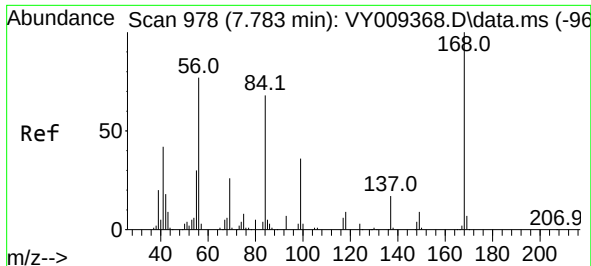
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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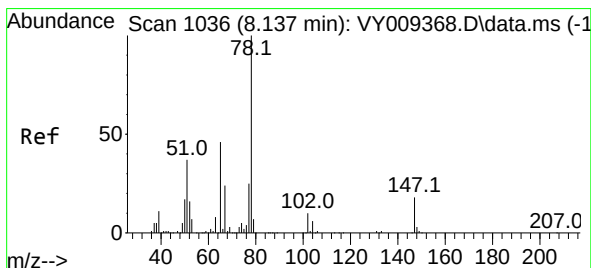
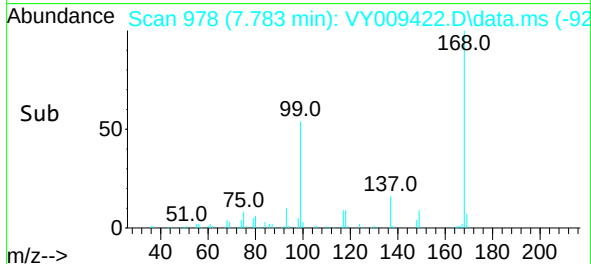
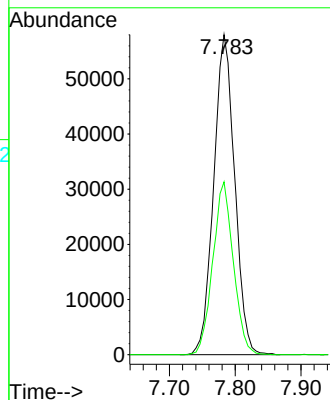
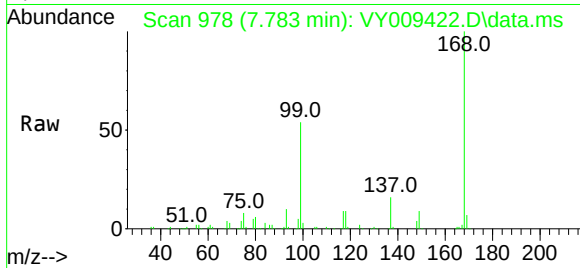




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009422.D
Acq: 01 Jul 2022 15:07

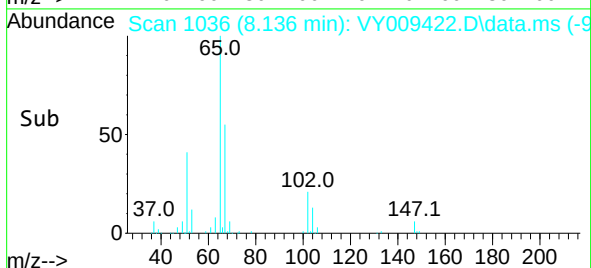
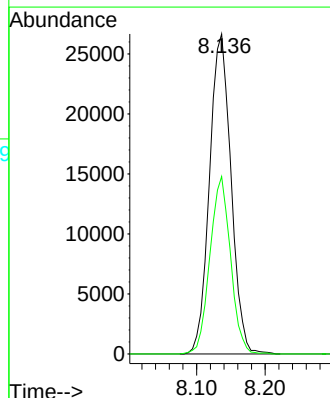
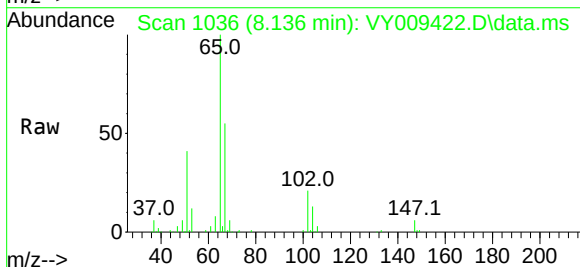
Instrument :
MSVOA_Y
ClientSampleId :
72-11998

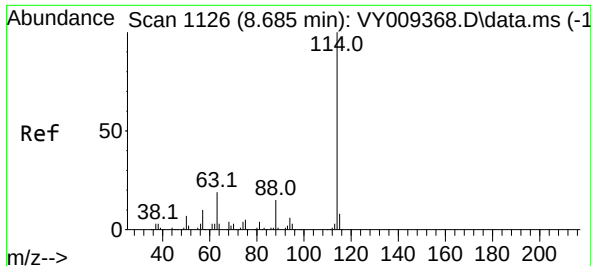
Tgt Ion:168 Resp: 128761
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.439 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009422.D
Acq: 01 Jul 2022 15:07

Tgt Ion: 65 Resp: 58207
Ion Ratio Lower Upper
65 100
67 53.1 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: VY009422.D

Acq: 01 Jul 2022 15:07

Instrument :

MSVOA_Y

ClientSampleId :

72-11998

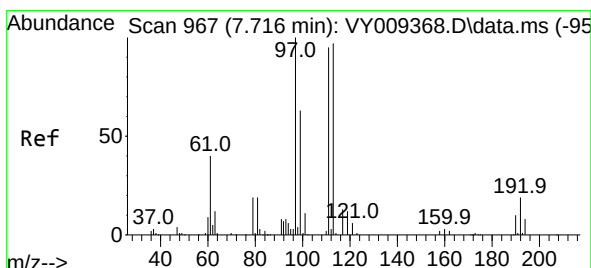
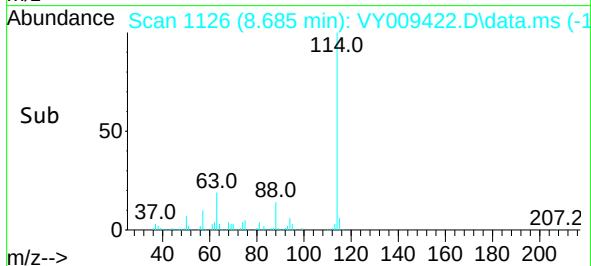
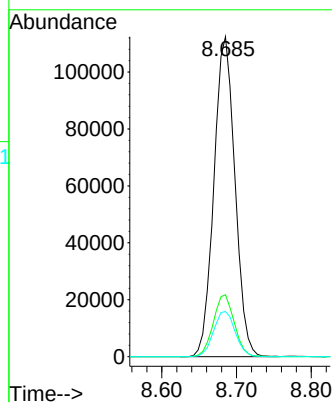
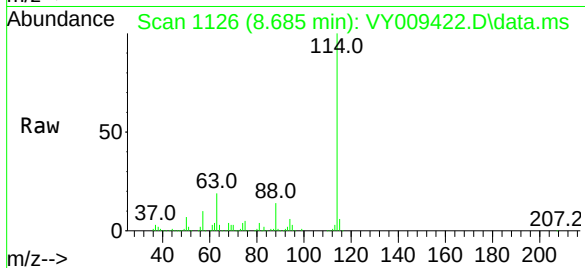
Tgt Ion:114 Resp: 219998

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.375 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009422.D

Acq: 01 Jul 2022 15:07

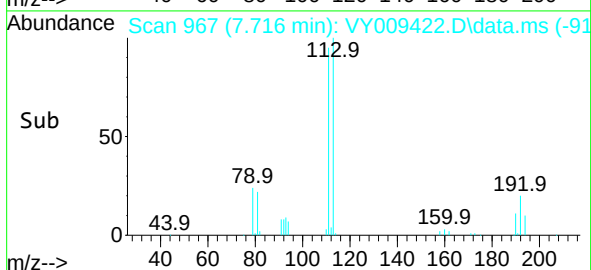
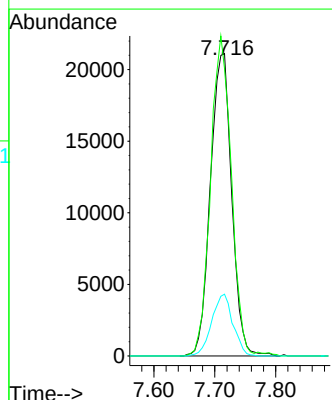
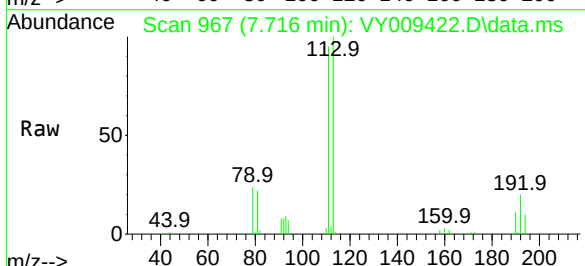
Tgt Ion:113 Resp: 51308

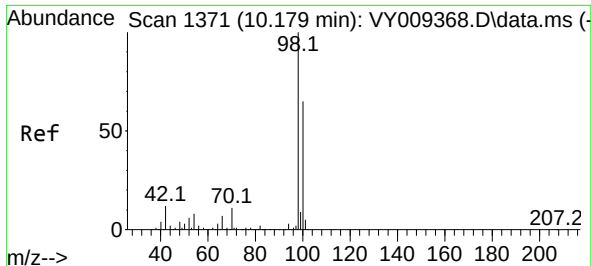
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 20.3 17.6 26.4

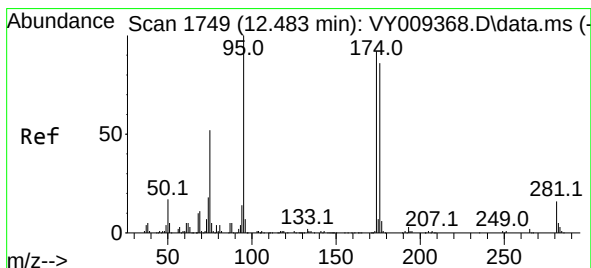
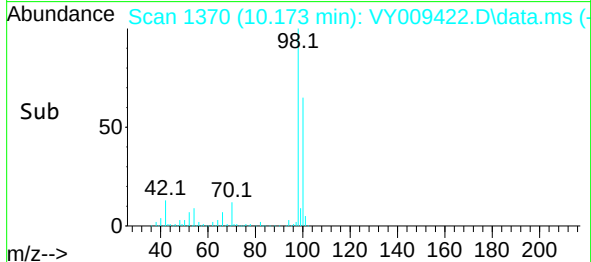
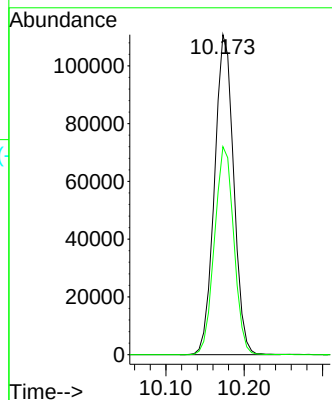
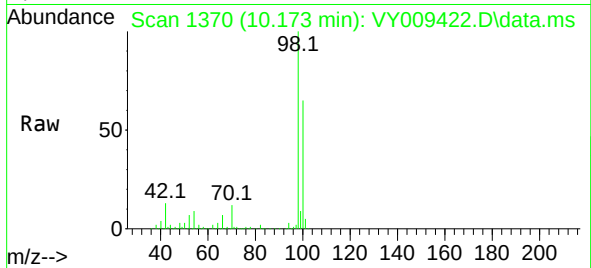




#50
Toluene-d8
Concen: 50.821 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009422.D
Acq: 01 Jul 2022 15:07

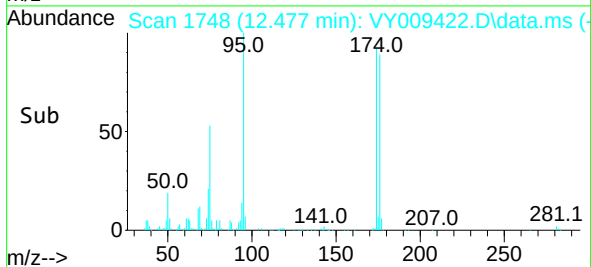
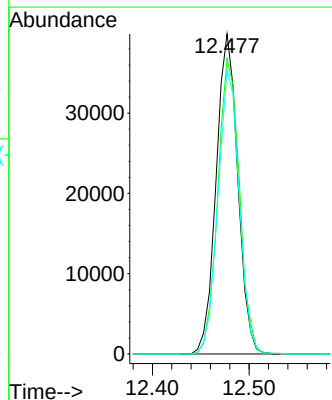
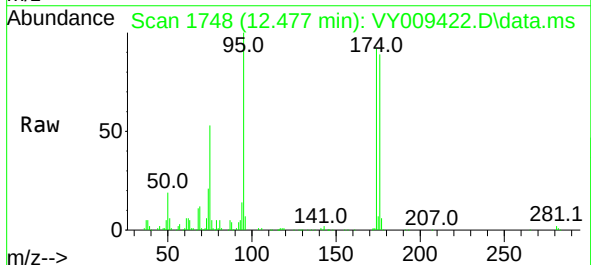
Instrument :
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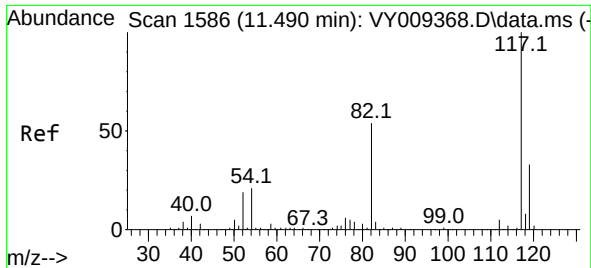
Tgt Ion: 98 Resp: 188665
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.053 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009422.D
Acq: 01 Jul 2022 15:07

Tgt Ion: 95 Resp: 61716
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.0
176 87.5 0.0 175.8

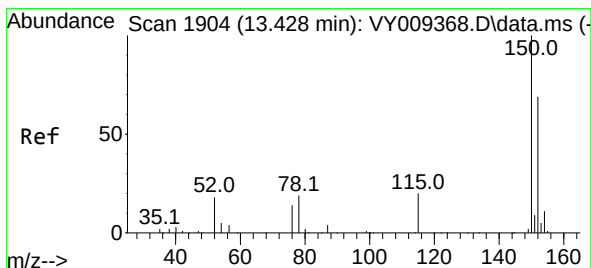
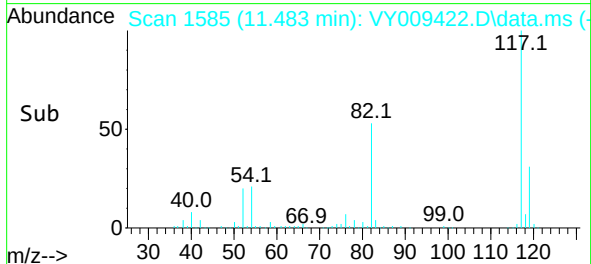
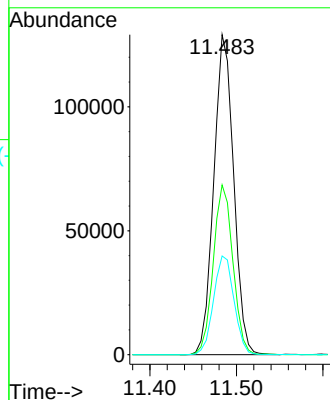
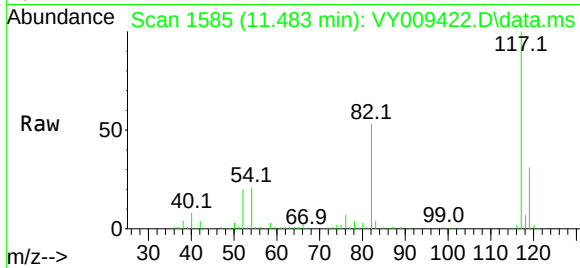




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY009422.D
Acq: 01 Jul 2022 15:07

Instrument :
MSVOA_Y
ClientSampleId :
72-11998

Tgt Ion:117 Resp: 205743
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 30.9 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: VY009422.D
Acq: 01 Jul 2022 15:07

Tgt Ion:152 Resp: 95683
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 156.4 0.0 347.6

