

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009404.D
 Acq On : 30 Jun 2022 19:30
 Operator : KP/MD
 Sample : N3547-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T-1

Quant Time: Jul 01 03:48:55 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	85321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	136146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	126978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55758	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	35051	51.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.580%
35) Dibromofluoromethane	7.710	113	32790	43.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.520%
50) Toluene-d8	10.173	98	123302	53.670	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.340%
62) 4-Bromofluorobenzene	12.477	95	35816	32.871	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.740%

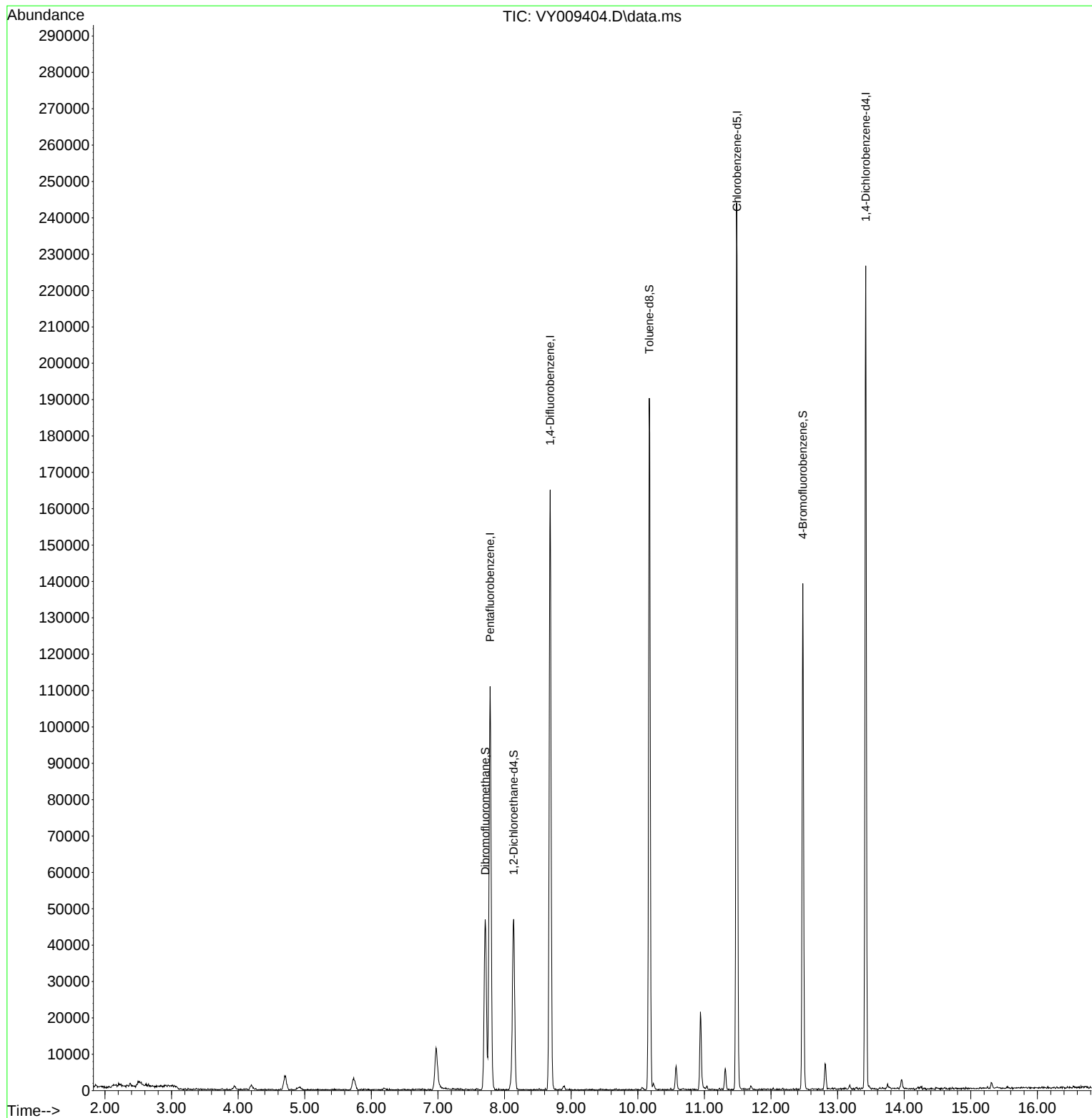
Target Compounds	Qvalue

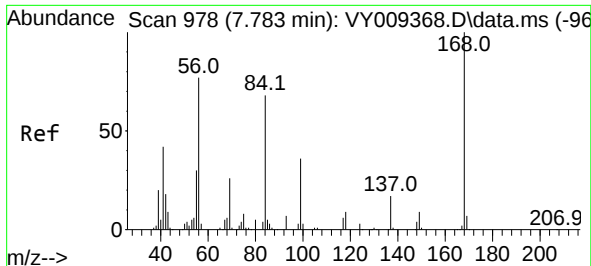
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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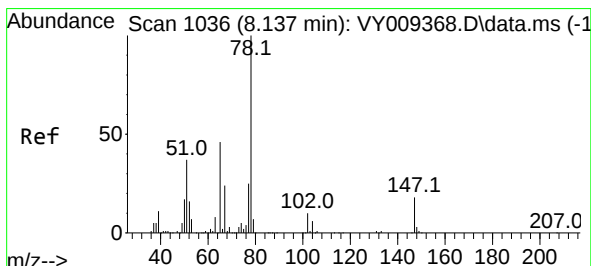
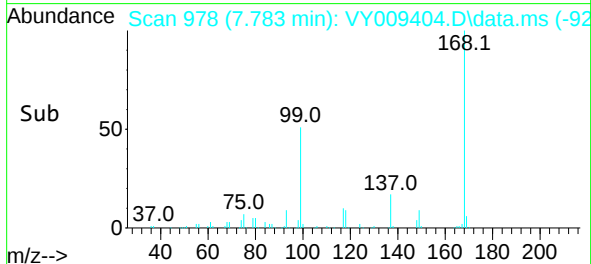
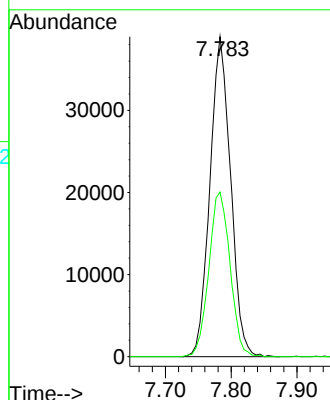
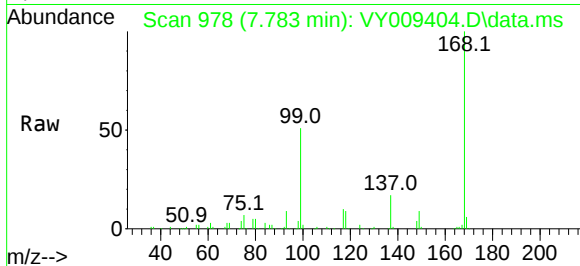




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009404.D
Acq: 30 Jun 2022 19:30

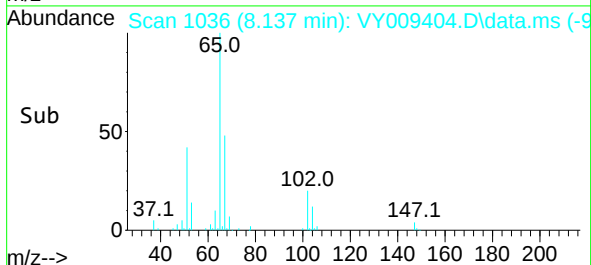
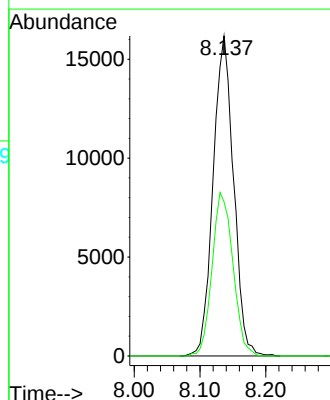
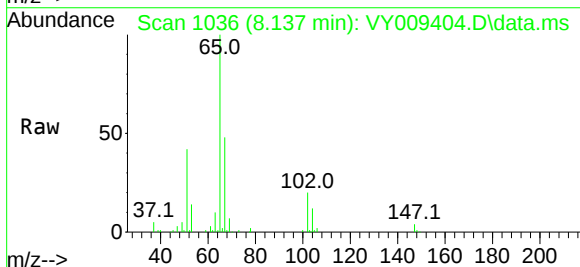
Instrument :
MSVOA_Y
ClientSampleId :
T-1

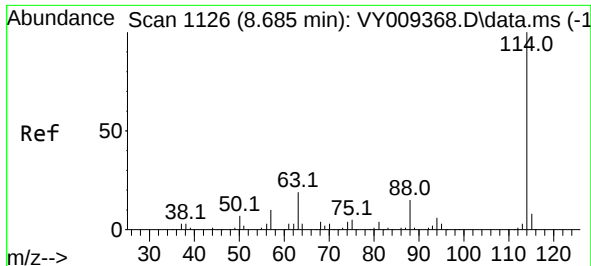
Tgt Ion:168 Resp: 85321
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.290 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009404.D
Acq: 30 Jun 2022 19:30

Tgt Ion: 65 Resp: 35051
Ion Ratio Lower Upper
65 100
67 52.0 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: VY009404.D

Acq: 30 Jun 2022 19:30

Instrument :

MSVOA_Y

ClientSampleId :

T-1

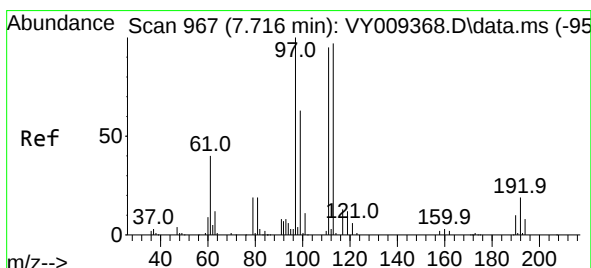
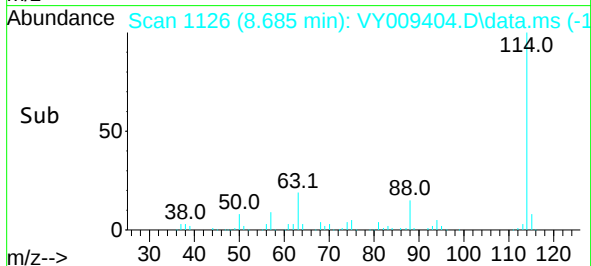
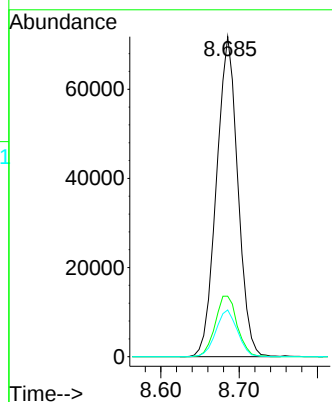
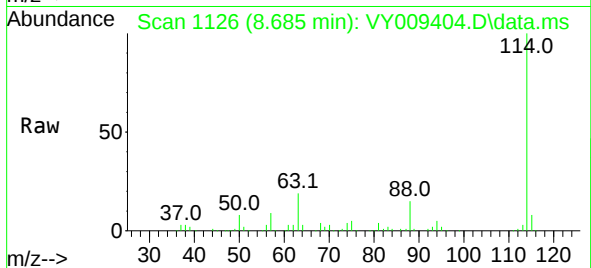
Tgt Ion:114 Resp: 136146

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.760 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009404.D

Acq: 30 Jun 2022 19:30

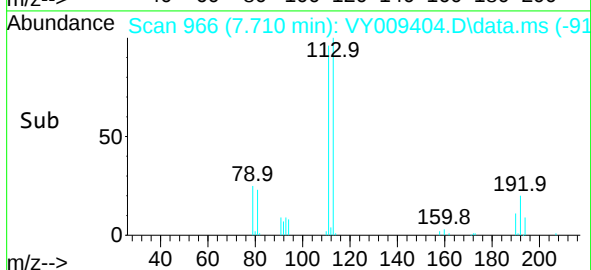
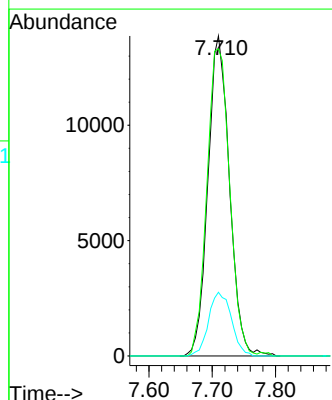
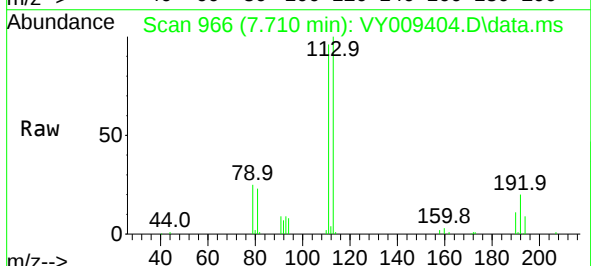
Tgt Ion:113 Resp: 32790

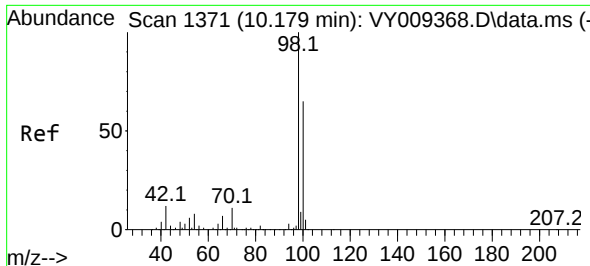
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 21.1 17.6 26.4

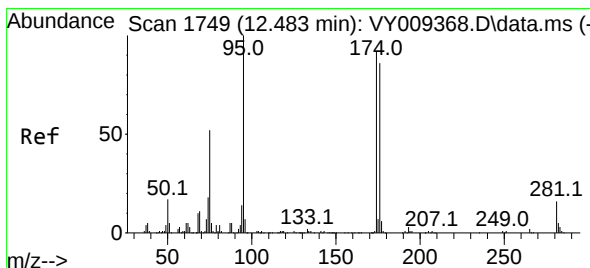
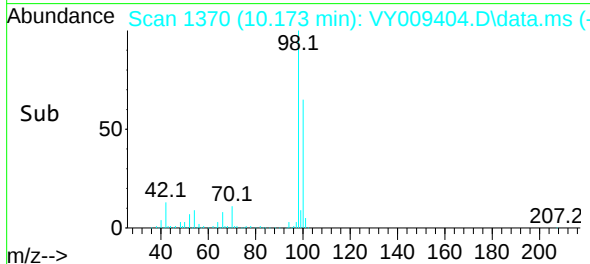
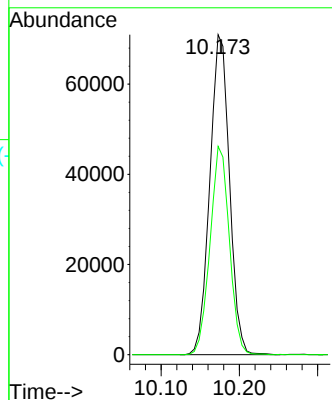
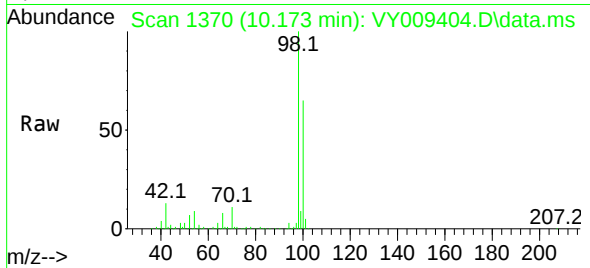




#50
Toluene-d8
Concen: 53.670 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009404.D
Acq: 30 Jun 2022 19:30

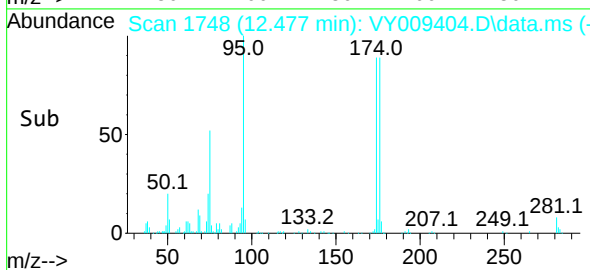
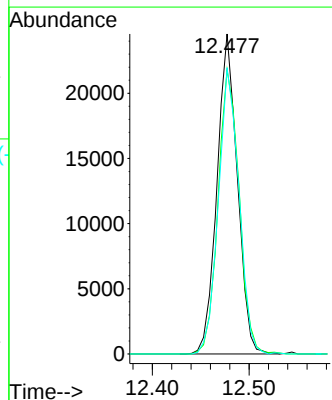
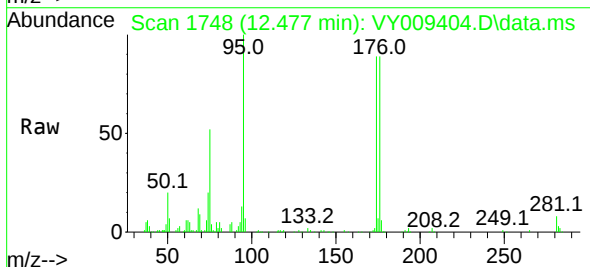
Instrument :
MSVOA_Y
ClientSampleId :
T-1

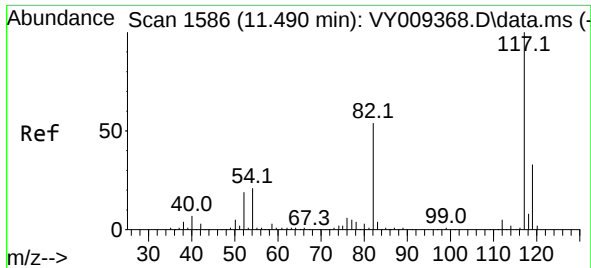
Tgt Ion: 98 Resp: 123302
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 32.871 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009404.D
Acq: 30 Jun 2022 19:30

Tgt Ion: 95 Resp: 35816
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.0
176 90.5 0.0 175.8

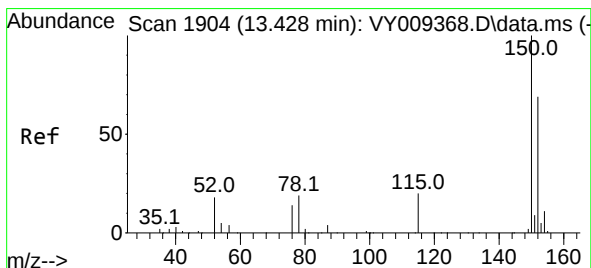
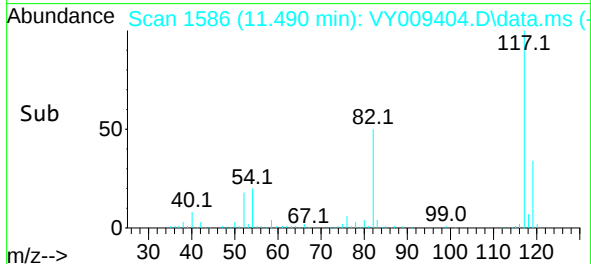
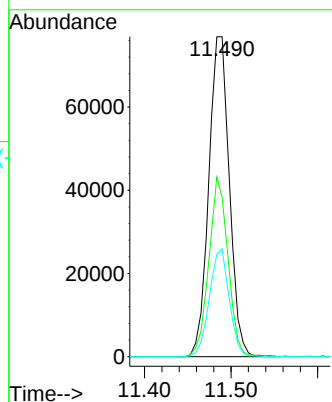
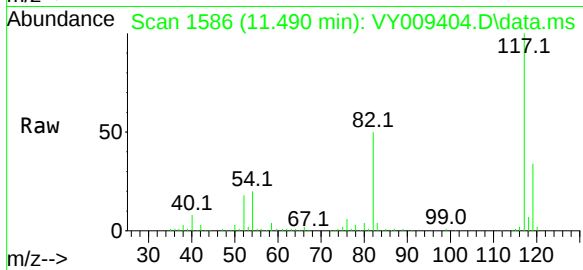




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009404.D
Acq: 30 Jun 2022 19:30

Instrument :
MSVOA_Y
ClientSampleId :
T-1

Tgt Ion:117 Resp: 126978
Ion Ratio Lower Upper
117 100
82 49.8 43.0 64.4
119 33.7 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: VY009404.D
Acq: 30 Jun 2022 19:30

Tgt Ion:152 Resp: 55758
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 157.6 0.0 347.6

