

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009402.D
 Acq On : 30 Jun 2022 18:43
 Operator : KP/MD
 Sample : N3488-13
 Misc : 5.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-0-2-20220623

Quant Time: Jul 01 03:48:39 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	130905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	223830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	213097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97947	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60487	57.689	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.380%
35) Dibromofluoromethane	7.710	113	52120	42.308	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.620%
50) Toluene-d8	10.173	98	199262	52.756	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.520%
62) 4-Bromofluorobenzene	12.477	95	65653	36.650	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.300%

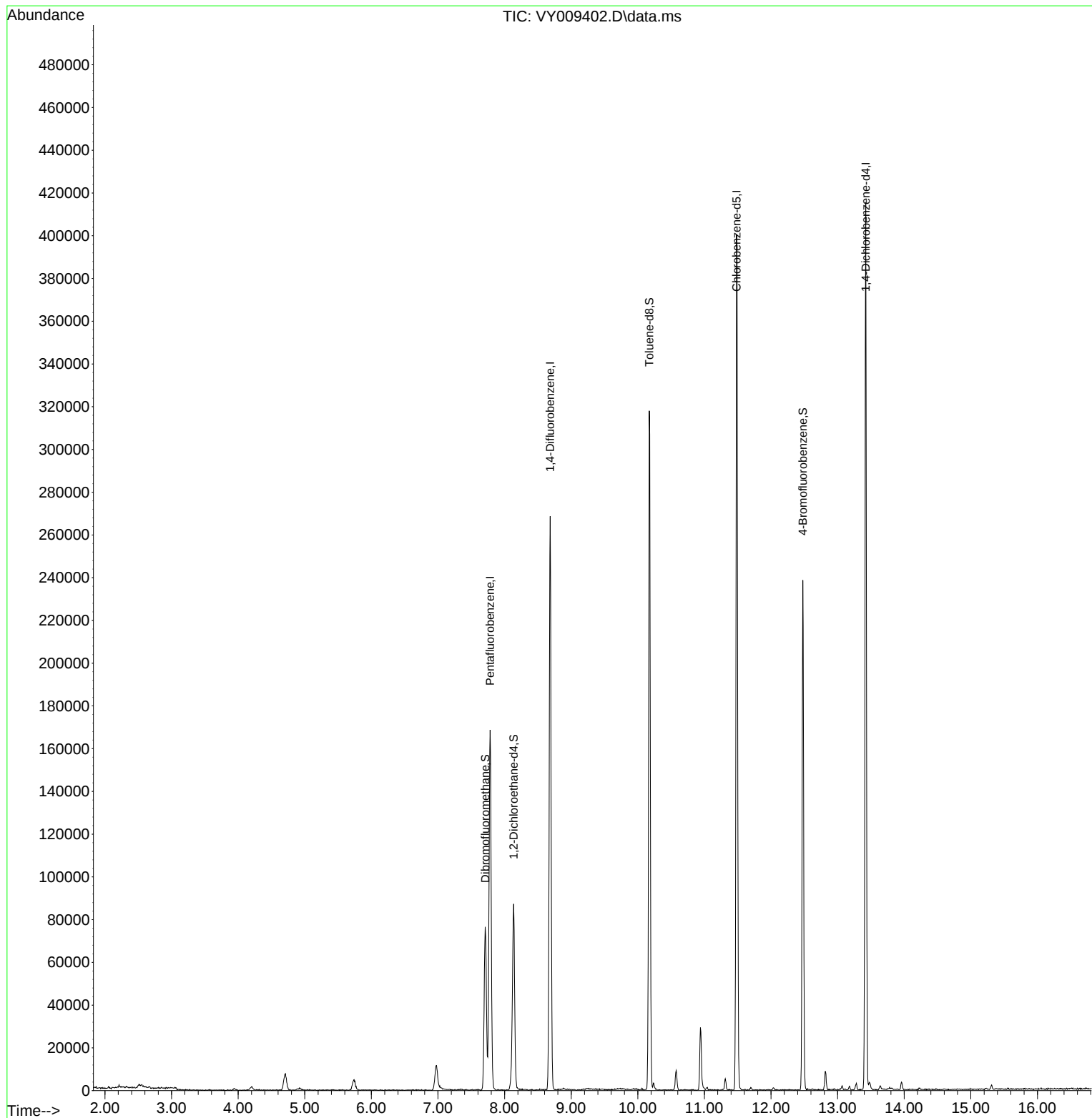
Target Compounds	Qvalue

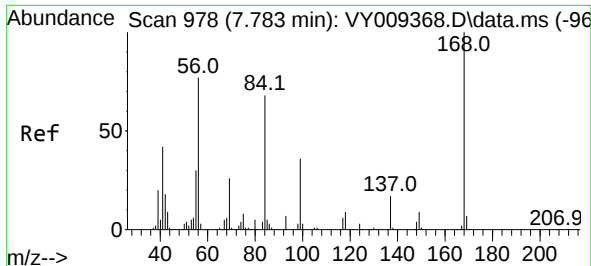
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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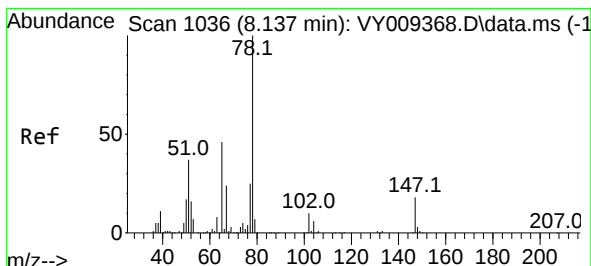
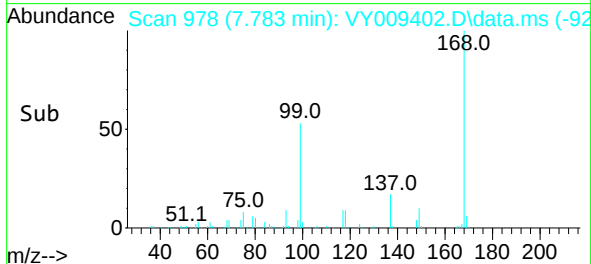
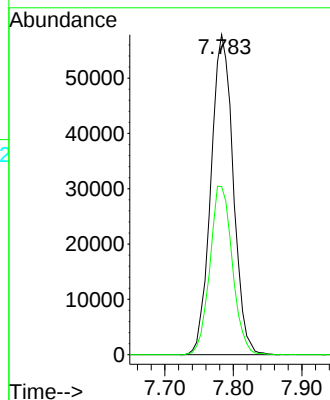
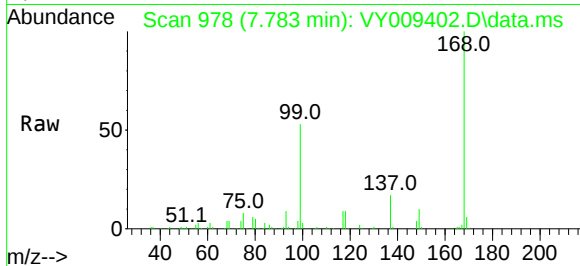




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009402.D
Acq: 30 Jun 2022 18:43

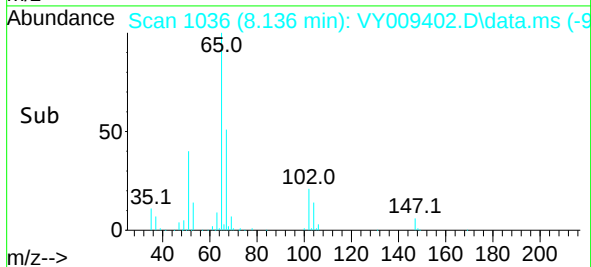
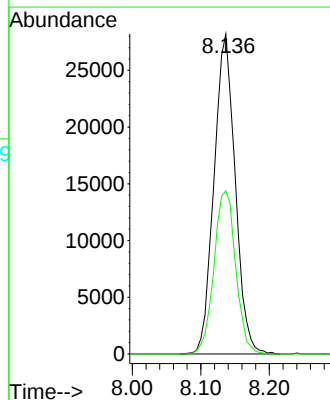
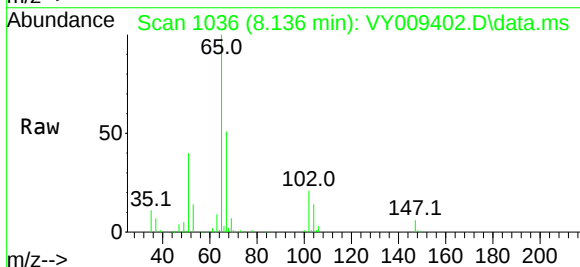
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-0-2-20220623

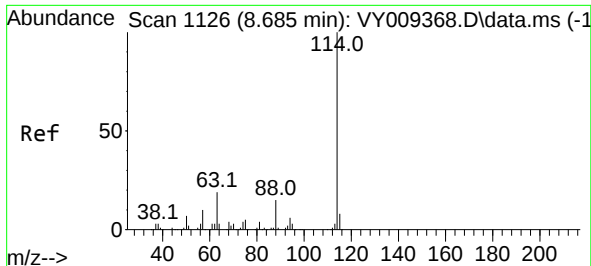
Tgt Ion:168 Resp: 130905
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.689 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009402.D
Acq: 30 Jun 2022 18:43

Tgt Ion: 65 Resp: 60487
Ion Ratio Lower Upper
65 100
67 52.3 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: VY009402.D

Acq: 30 Jun 2022 18:43

Instrument :

MSVOA_Y

ClientSampleId :

SB-13-0-2-20220623

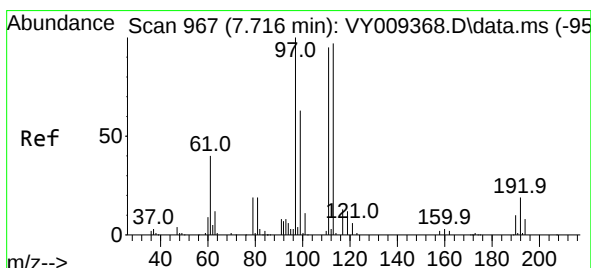
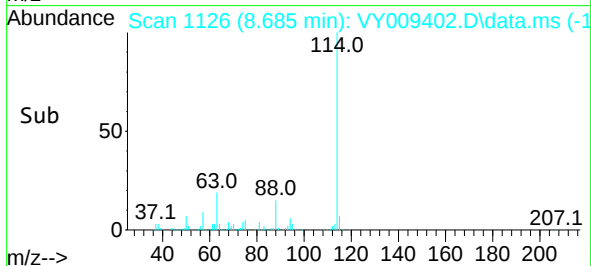
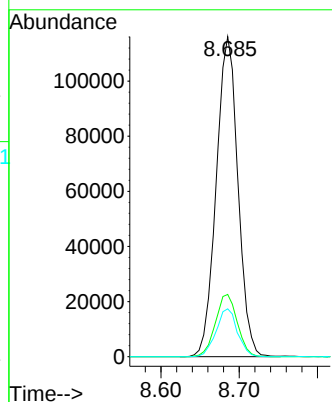
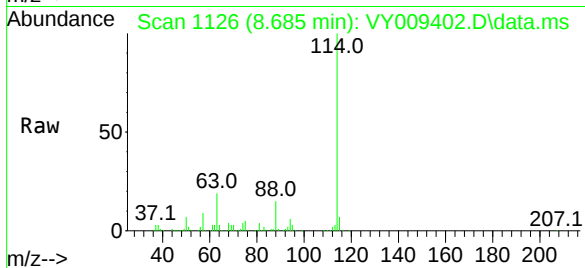
Tgt Ion:114 Resp: 223830

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.308 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009402.D

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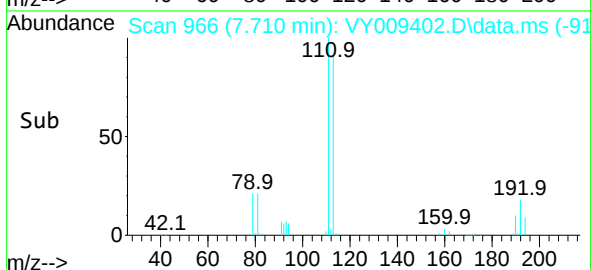
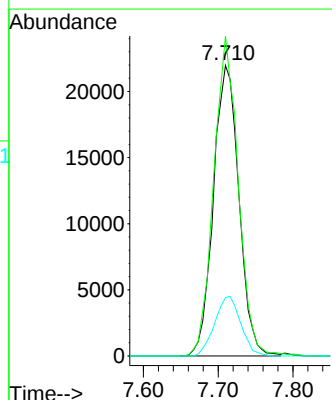
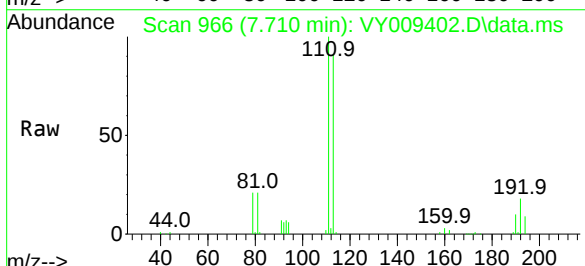
Tgt Ion:113 Resp: 52120

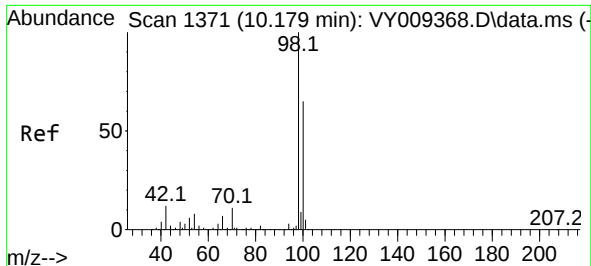
Ion Ratio Lower Upper

113 100

111 106.2 82.6 124.0

192 20.9 17.6 26.4

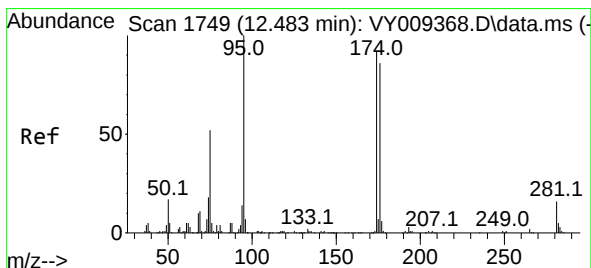
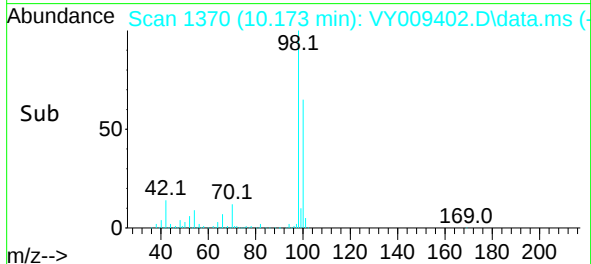
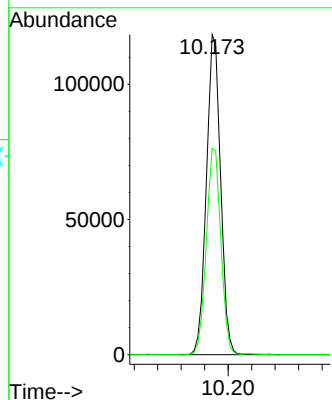
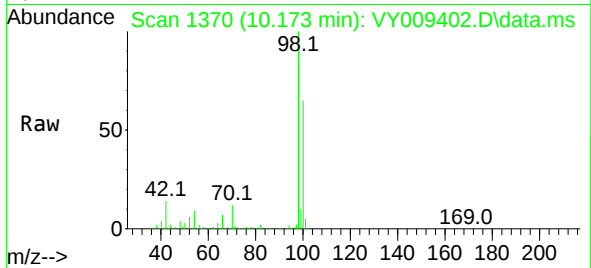




#50
Toluene-d8
Concen: 52.756 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009402.D
Acq: 30 Jun 2022 18:43

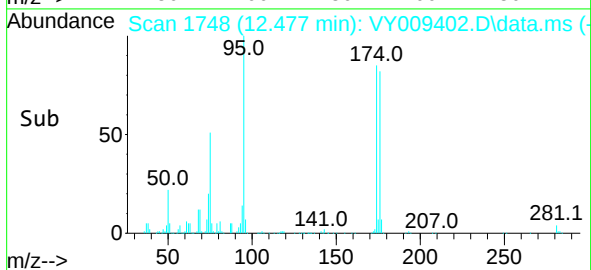
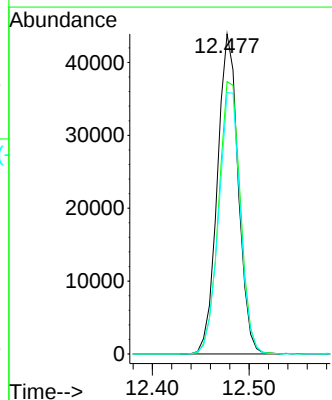
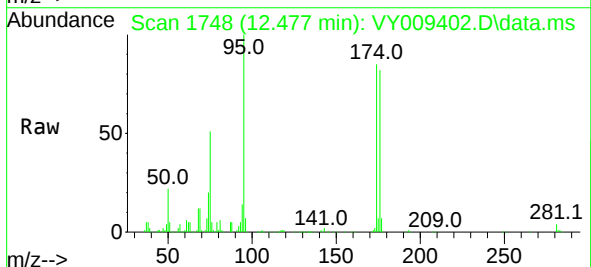
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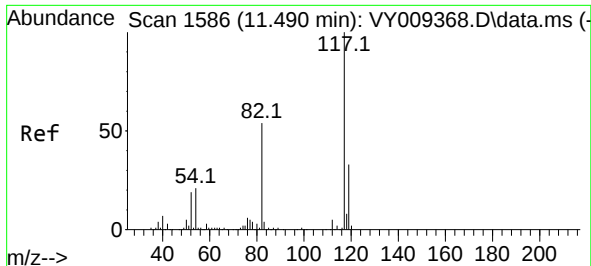
Tgt Ion: 98 Resp: 199262
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.650 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009402.D
Acq: 30 Jun 2022 18:43

Tgt Ion: 95 Resp: 65653
Ion Ratio Lower Upper
95 100
174 89.1 0.0 177.0
176 84.9 0.0 175.8

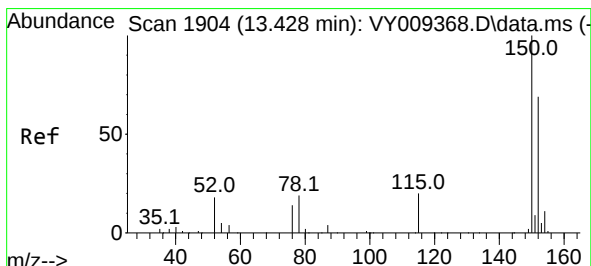
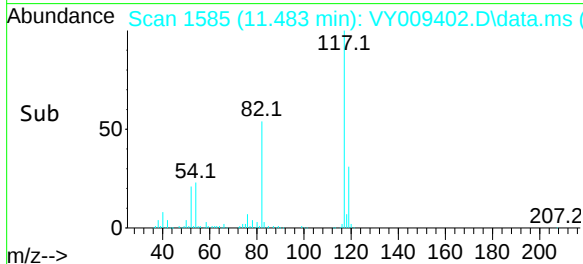
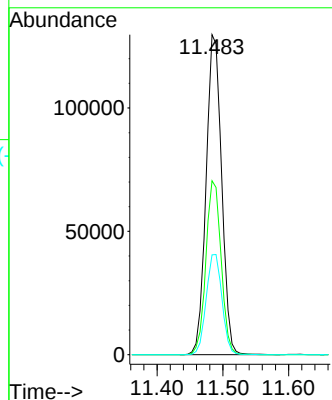
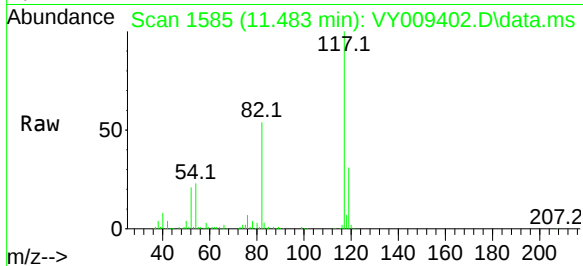




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009402.D
Acq: 30 Jun 2022 18:43

Instrument :
MSVOA_Y
ClientSampleId :
SB-13-0-2-20220623

Tgt Ion:117 Resp: 213097
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.2 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: VY009402.D
Acq: 30 Jun 2022 18:43

Tgt Ion:152 Resp: 97947
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 161.4 0.0 347.6

