

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009370.D
 Acq On : 29 Jun 2022 13:40
 Operator : KP/MD
 Sample : VY0629SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBL01

Quant Time: Jun 29 17:42:48 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	132444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	236606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	225420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99320	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	69851	65.846	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.700%
35) Dibromofluoromethane	7.716	113	62072	47.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.340%
50) Toluene-d8	10.179	98	240416	60.215	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	120.440%
62) 4-Bromofluorobenzene	12.483	95	78224	41.310	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.620%

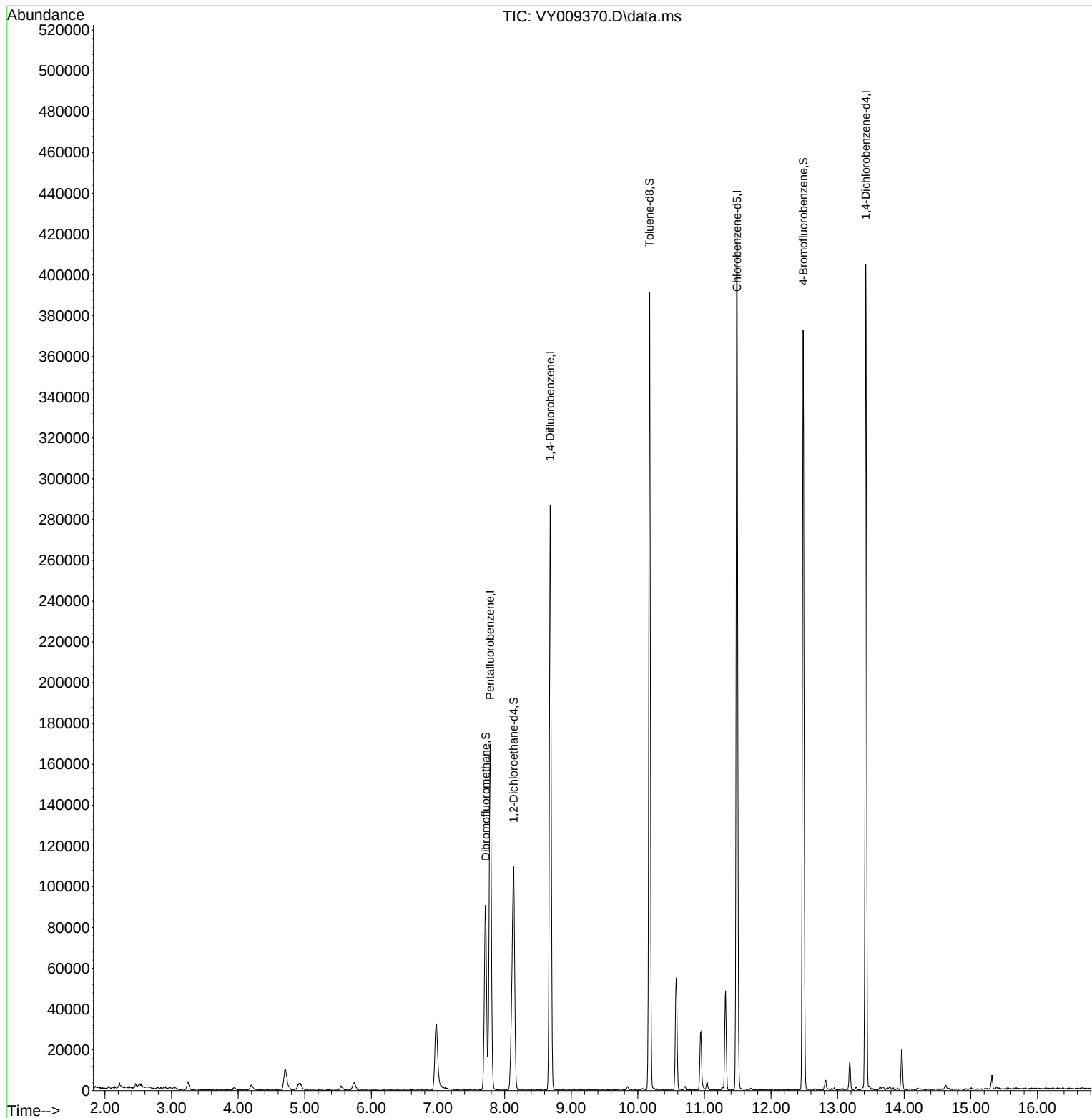
Target Compounds	Qvalue

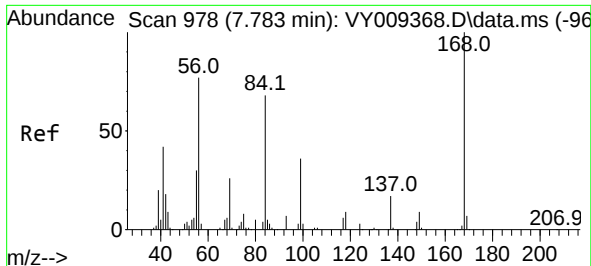
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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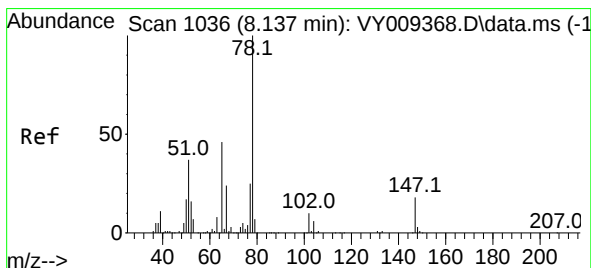
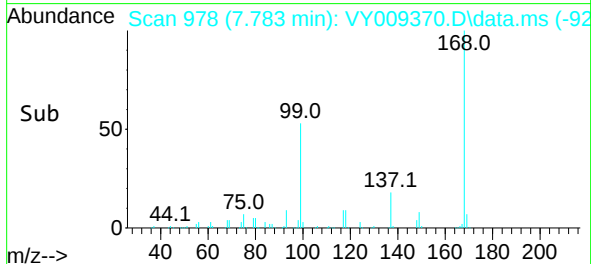
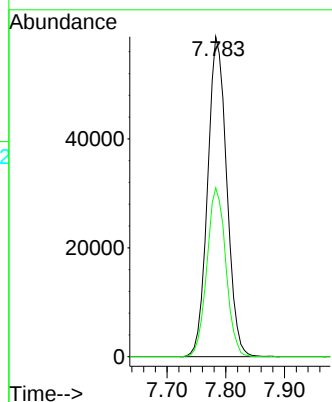
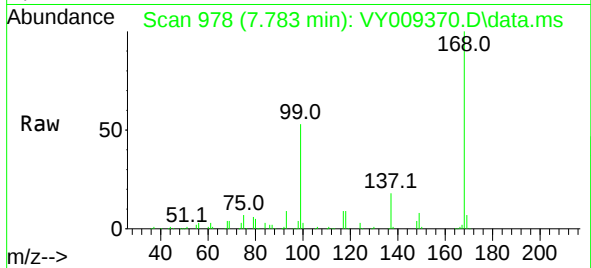




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009370.D
Acq: 29 Jun 2022 13:40

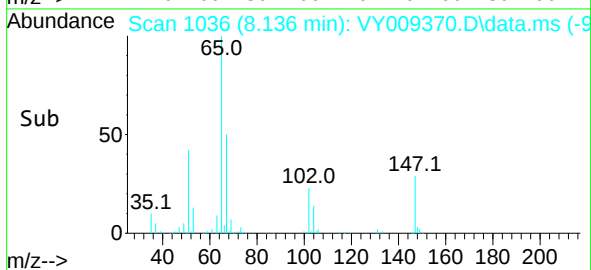
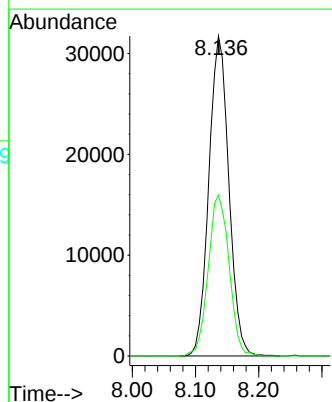
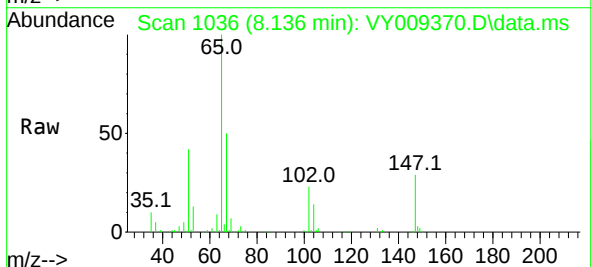
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

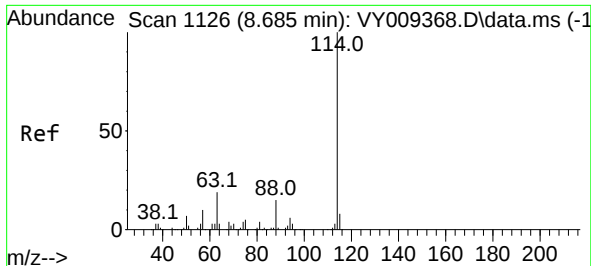
Tgt Ion:168 Resp: 132444
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.846 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009370.D
Acq: 29 Jun 2022 13:40

Tgt Ion: 65 Resp: 69851
Ion Ratio Lower Upper
65 100
67 52.5 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: VY009370.D

Acq: 29 Jun 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBL01

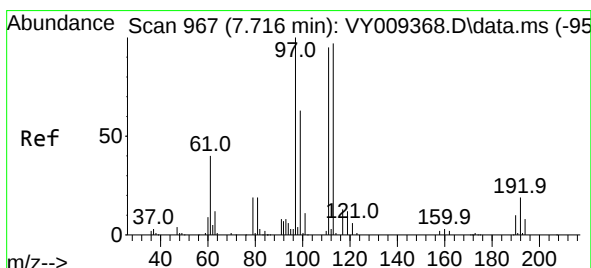
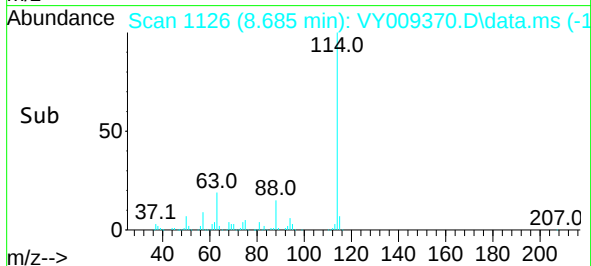
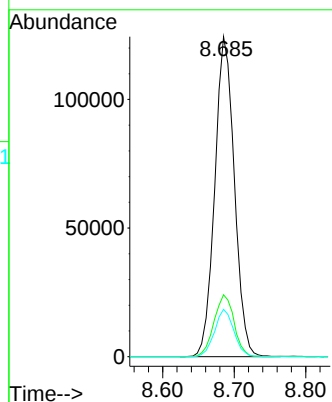
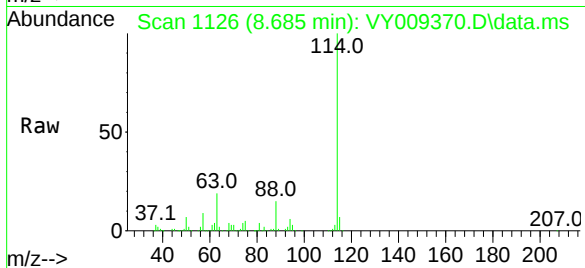
Tgt Ion:114 Resp: 236606

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.666 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009370.D

Acq: 29 Jun 2022 13:40

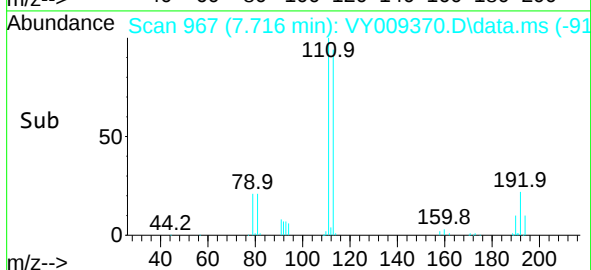
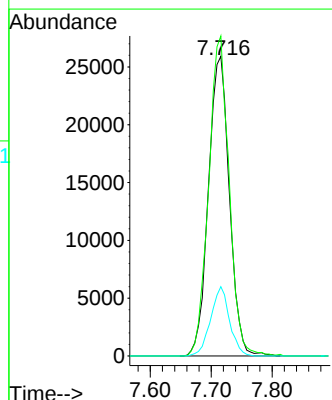
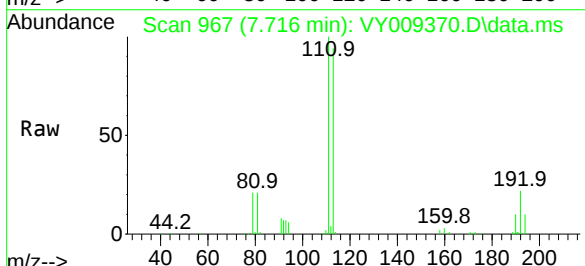
Tgt Ion:113 Resp: 62072

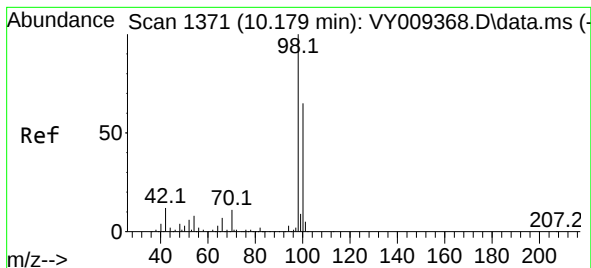
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 20.8 17.6 26.4

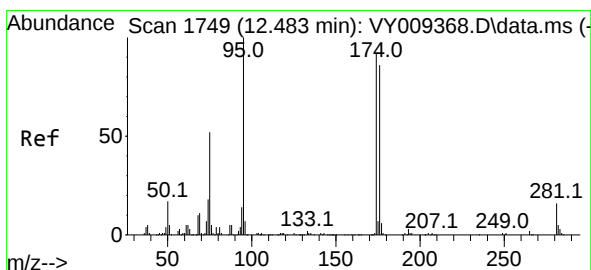
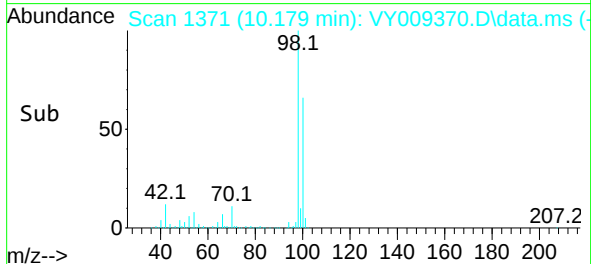
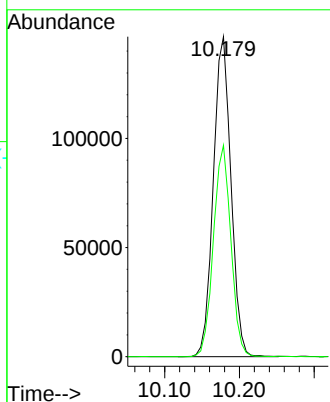
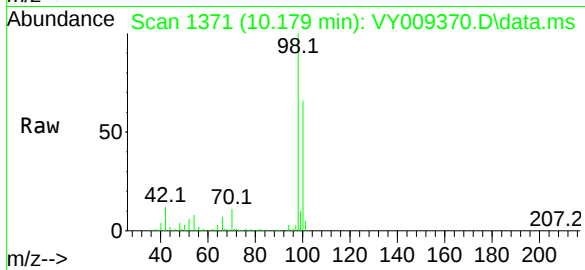




#50
Toluene-d8
Concen: 60.215 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009370.D
Acq: 29 Jun 2022 13:40

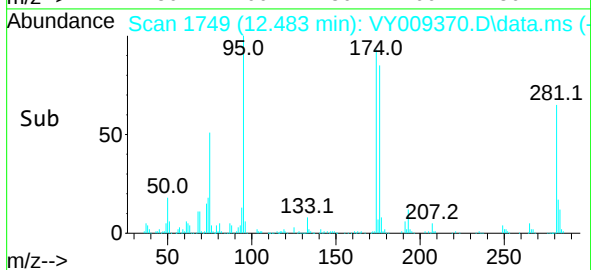
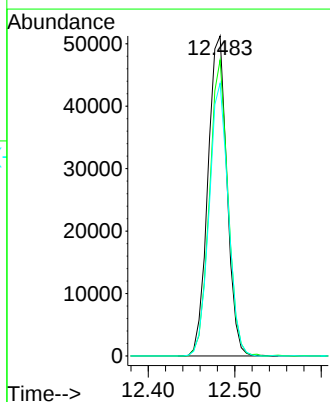
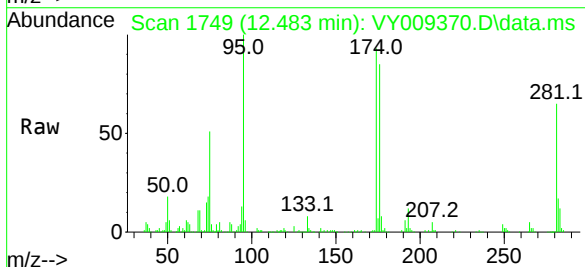
Instrument :
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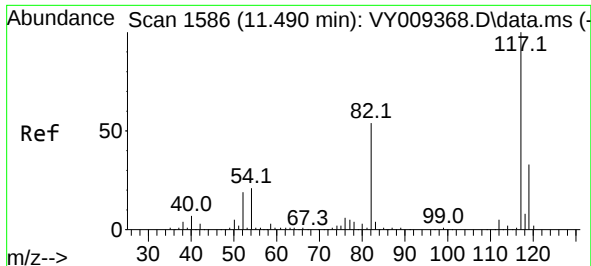
Tgt Ion: 98 Resp: 240416
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.310 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009370.D
Acq: 29 Jun 2022 13:40

Tgt Ion: 95 Resp: 78224
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.0
176 85.5 0.0 175.8

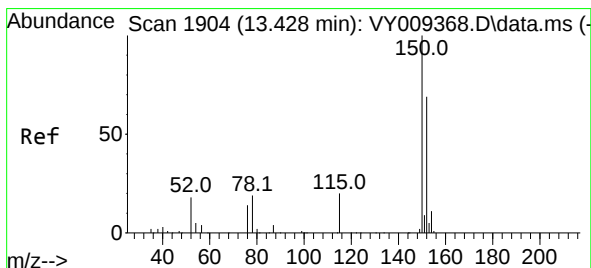
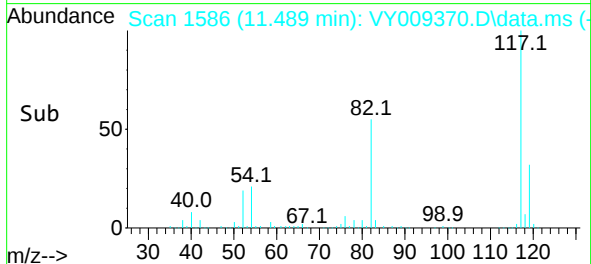
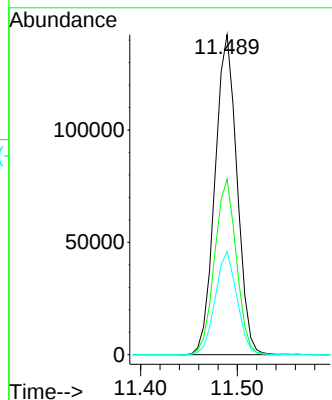
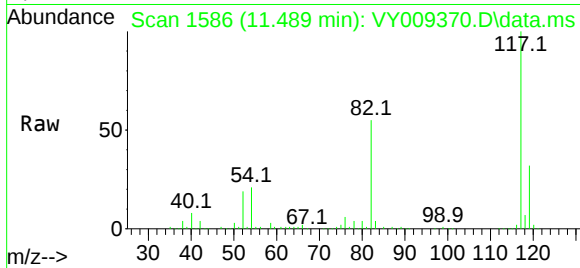




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009370.D
Acq: 29 Jun 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

Tgt Ion:117 Resp: 225420
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 32.3 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: VY009370.D
Acq: 29 Jun 2022 13:40

Tgt Ion:152 Resp: 99320
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 160.1 0.0 347.6

