

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009868.D
 Acq On : 05 Aug 2022 22:07
 Operator : KP/MD
 Sample : N4064-07
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-15

Quant Time: Aug 06 01:23:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	10015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	17895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	17121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	6476	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	4356	53.311	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.620%
35) Dibromofluoromethane	7.710	113	4528	41.500	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.000%
50) Toluene-d8	10.173	98	13789	41.932	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	83.860%
62) 4-Bromofluorobenzene	12.477	95	3544	23.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	47.980%#

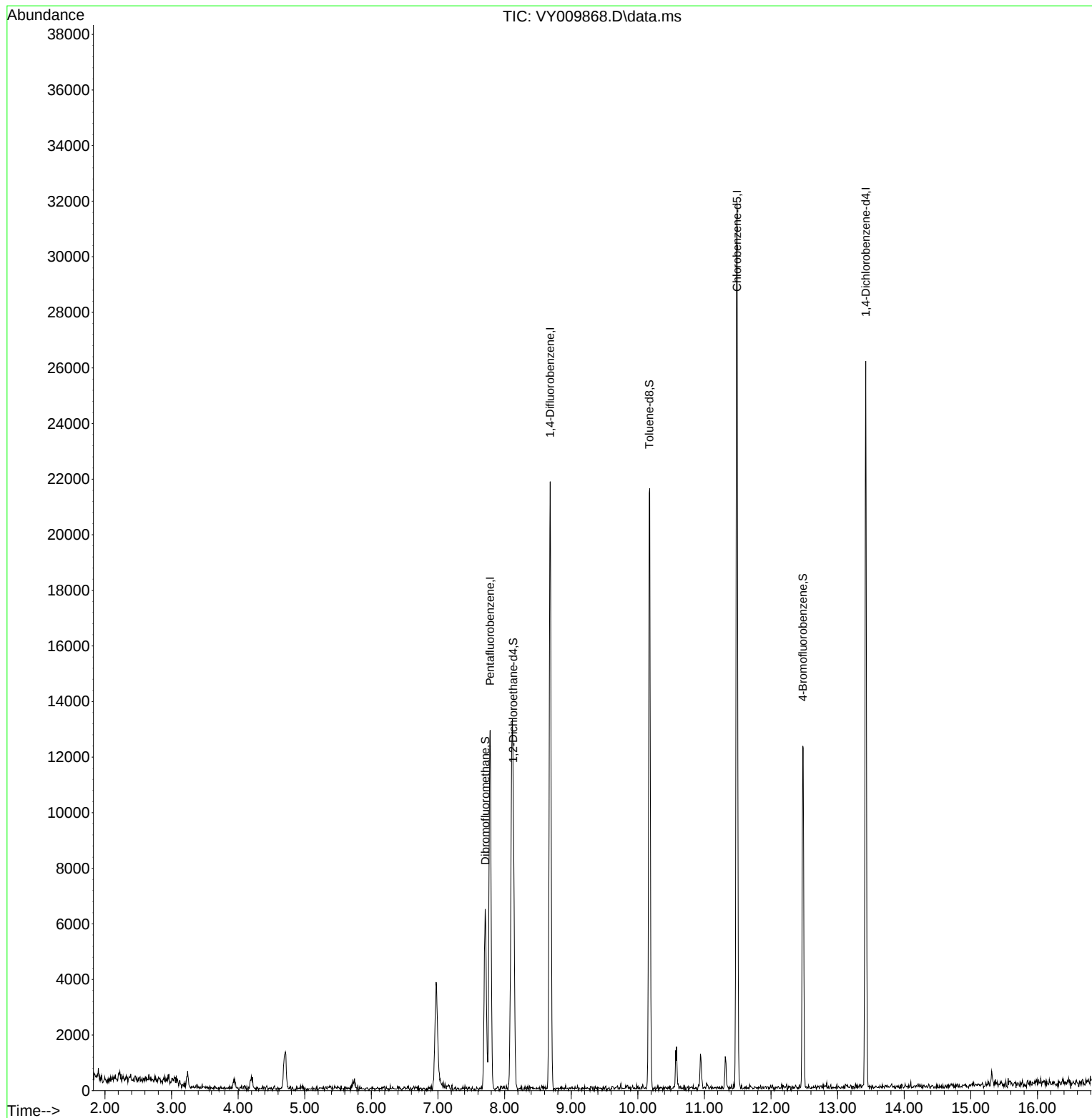
Target Compounds	Qvalue

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

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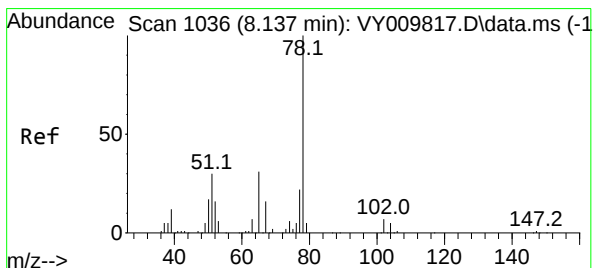
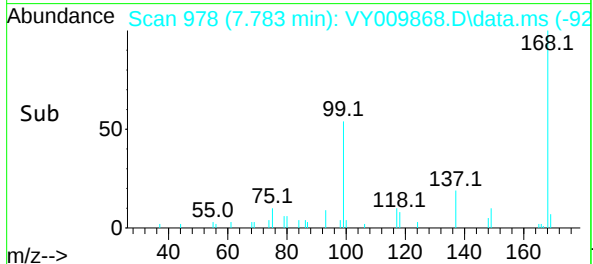
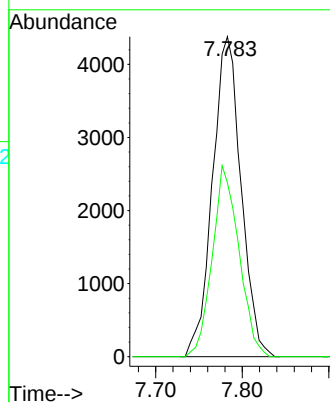
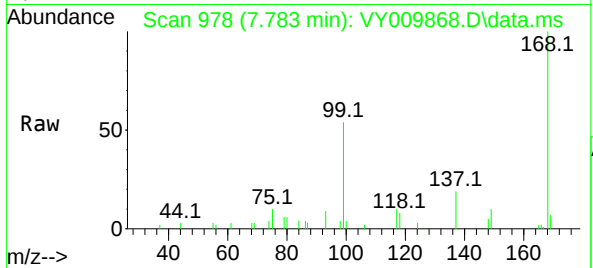




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009868.D
Acq: 05 Aug 2022 22:07

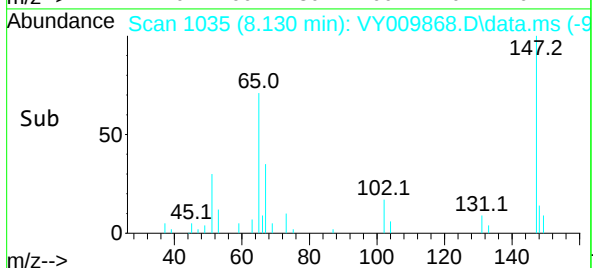
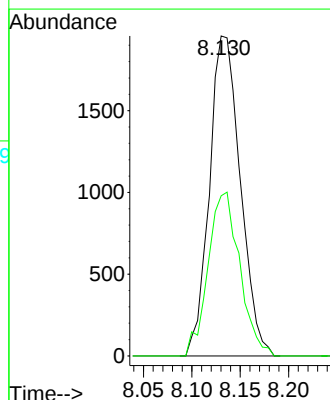
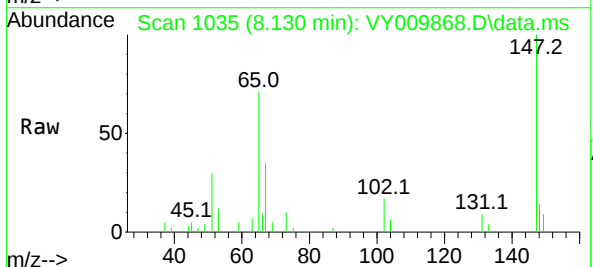
Instrument :
MSVOA_Y
ClientSampleId :
SB-15

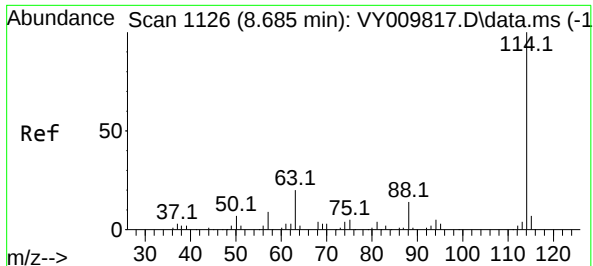
Tgt Ion:168 Resp: 10015
Ion Ratio Lower Upper
168 100
99 54.4 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 53.311 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY009868.D
Acq: 05 Aug 2022 22:07

Tgt Ion: 65 Resp: 4356
Ion Ratio Lower Upper
65 100
67 52.3 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009868.D

Acq: 05 Aug 2022 22:07

Instrument :

MSVOA_Y

ClientSampleId :

SB-15

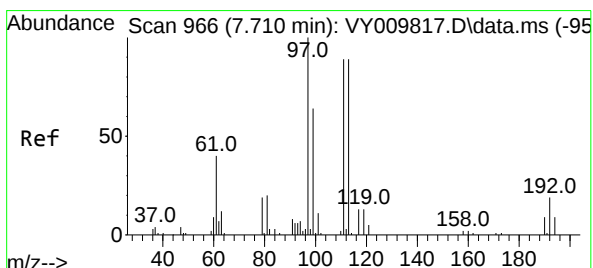
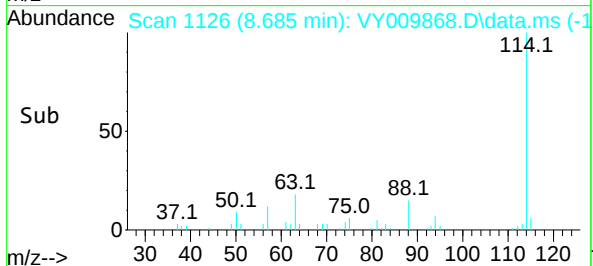
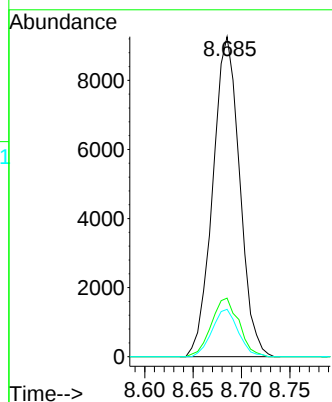
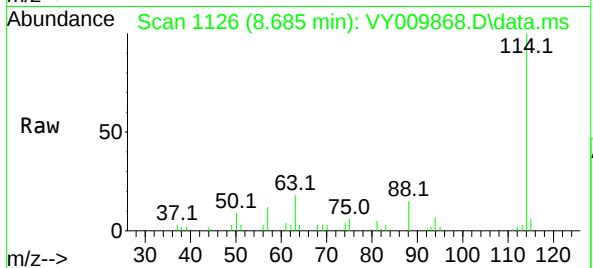
Tgt Ion:114 Resp: 17895

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.2

88 14.8 0.0 27.6



#35

Dibromofluoromethane

Concen: 41.500 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009868.D

Acq: 05 Aug 2022 22:07

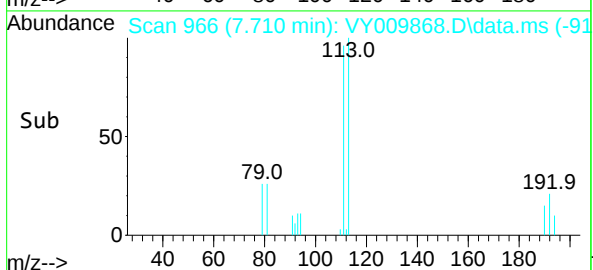
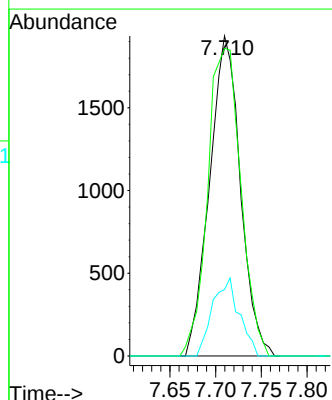
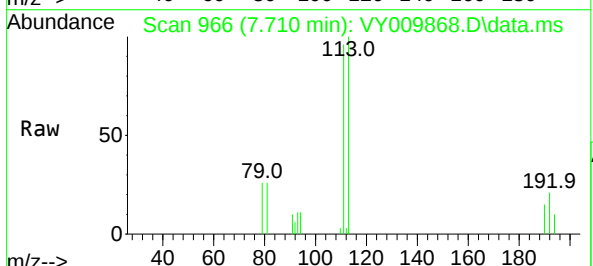
Tgt Ion:113 Resp: 4528

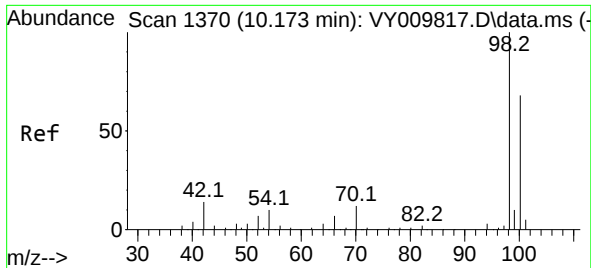
Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

192 21.0 16.5 24.7

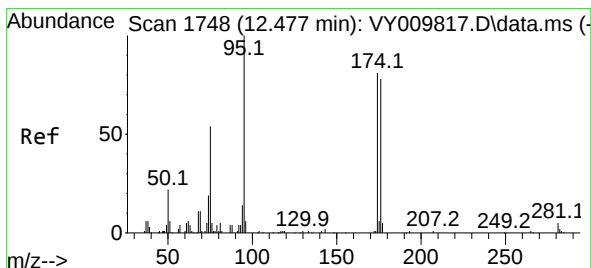
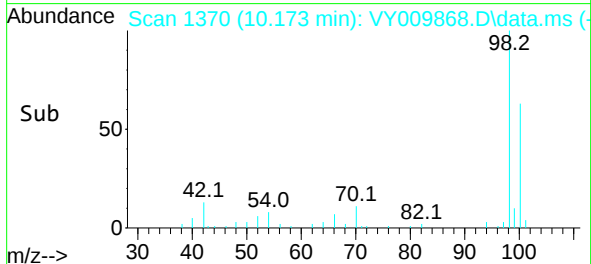
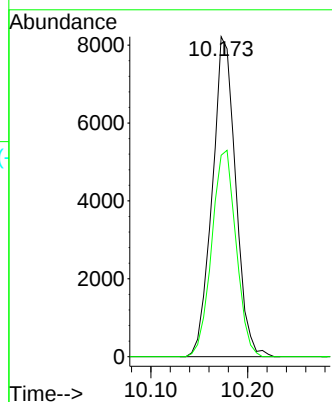
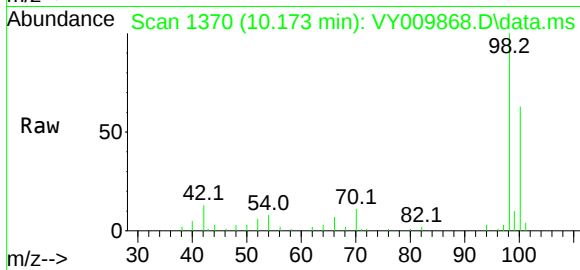




#50
Toluene-d8
Concen: 41.932 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009868.D
Acq: 05 Aug 2022 22:07

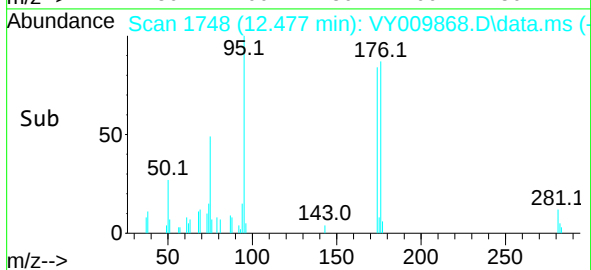
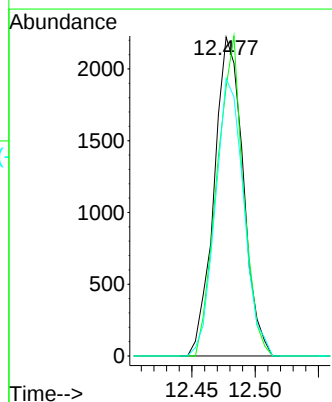
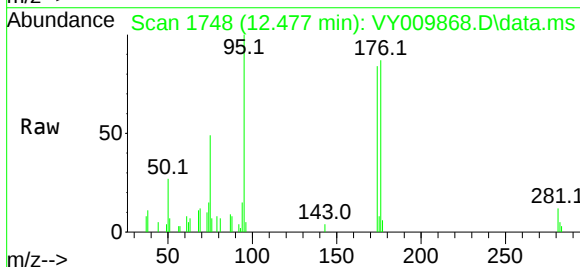
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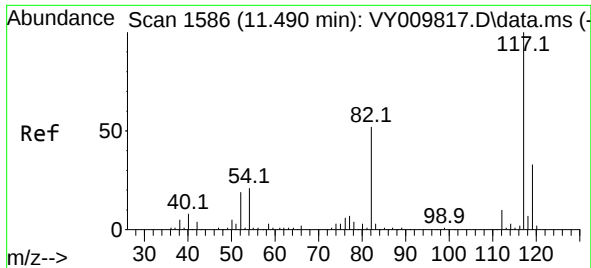
Tgt Ion: 98 Resp: 13789
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 23.987 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009868.D
Acq: 05 Aug 2022 22:07

Tgt Ion: 95 Resp: 3544
Ion Ratio Lower Upper
95 100
174 90.7 0.0 168.6
176 85.3 0.0 163.6

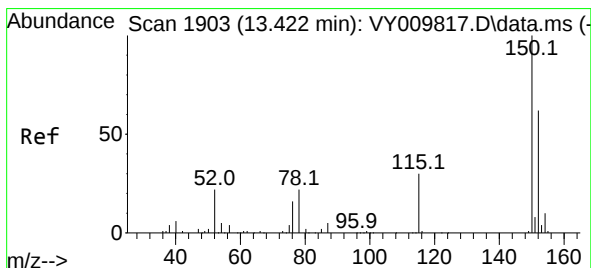
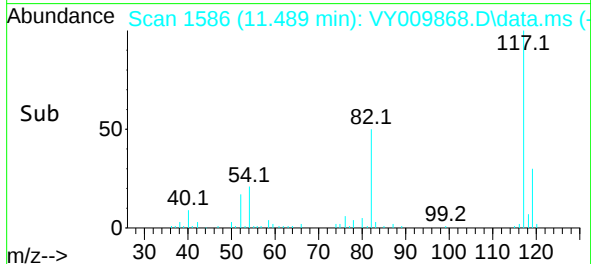
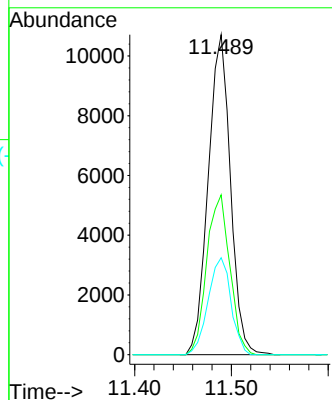
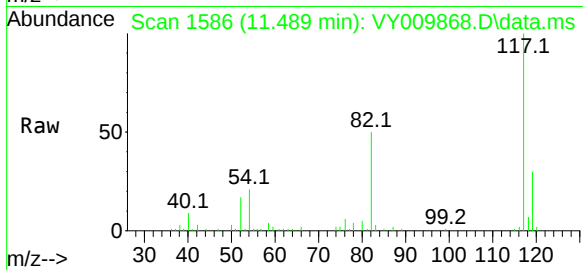




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009868.D
Acq: 05 Aug 2022 22:07

Instrument :
MSVOA_Y
ClientSampleId :
SB-15

Tgt Ion:117 Resp: 17121
Ion Ratio Lower Upper
117 100
82 50.0 41.7 62.5
119 30.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009868.D
Acq: 05 Aug 2022 22:07

Tgt Ion:152 Resp: 6476
Ion Ratio Lower Upper
152 100
115 53.4 28.9 86.7
150 156.7 0.0 354.2

