

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010011.D
 Acq On : 14 Aug 2022 20:37
 Operator : KP/MD
 Sample : N4189-11
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB17

Quant Time: Aug 15 00:42:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	2346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	4162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	3421	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	882	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	1014	42.609	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.220%
35) Dibromofluoromethane	7.716	113	389	15.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	30.540%#
50) Toluene-d8	10.179	98	3698	37.888	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	75.780%
62) 4-Bromofluorobenzene	12.477	95	905	25.307	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	50.620%

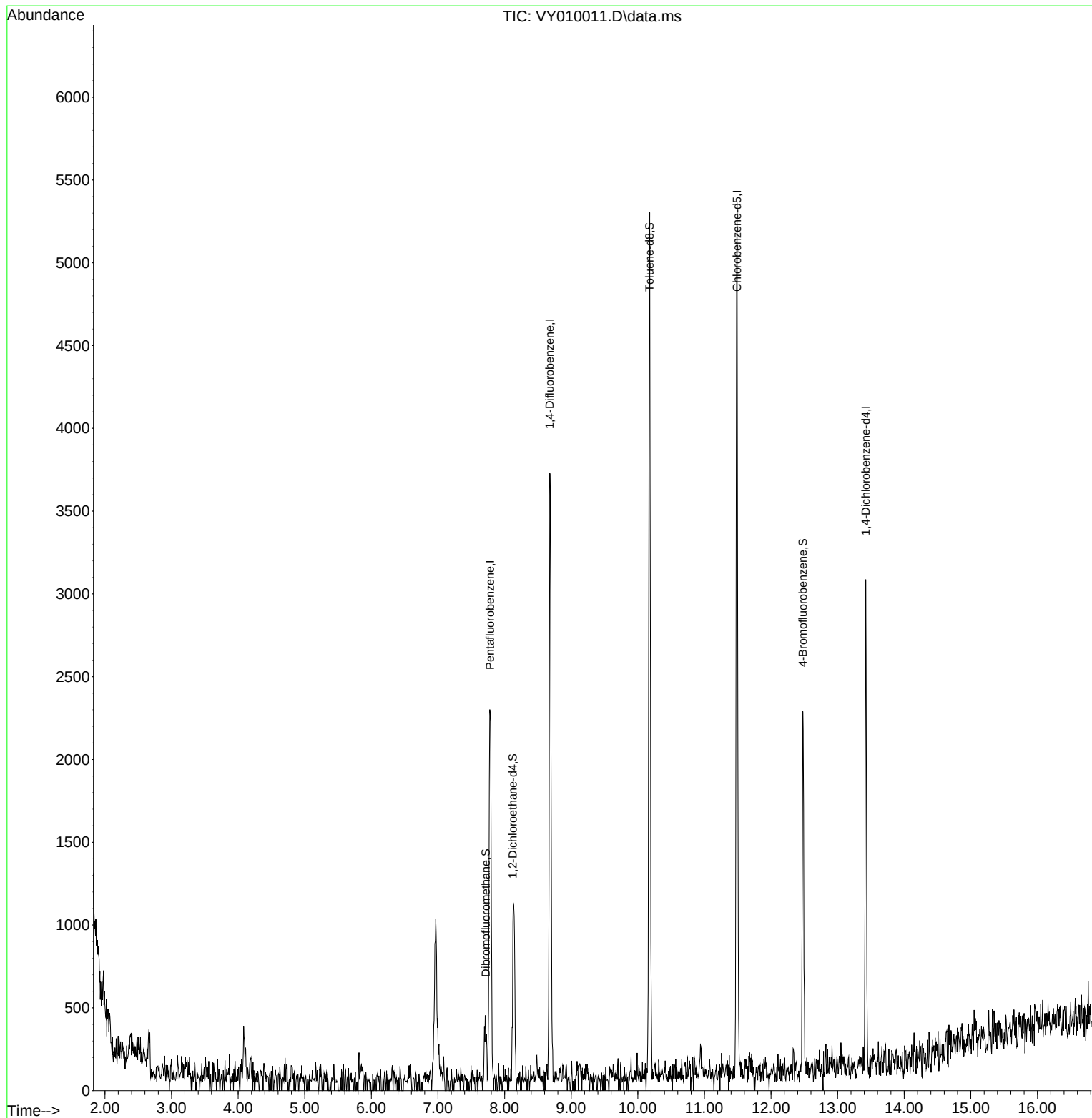
Target Compounds	Qvalue

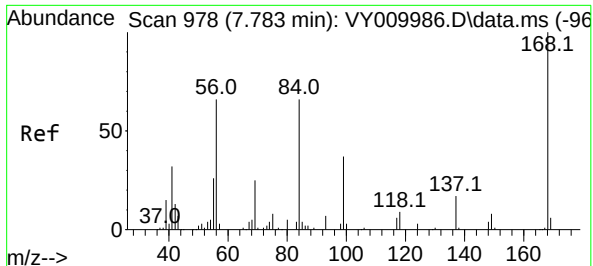
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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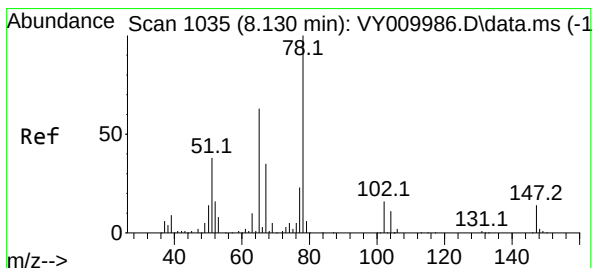
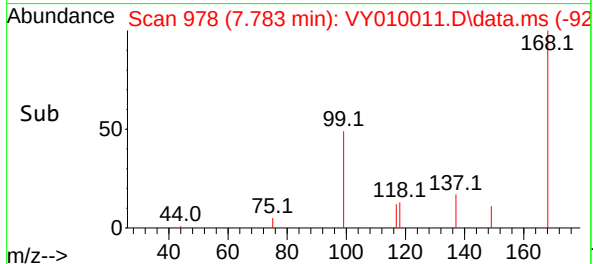
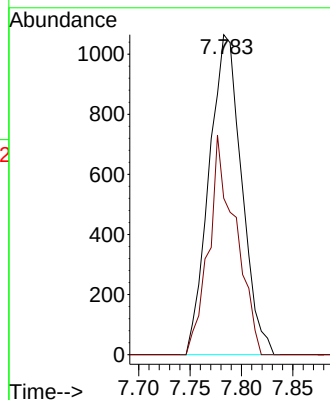
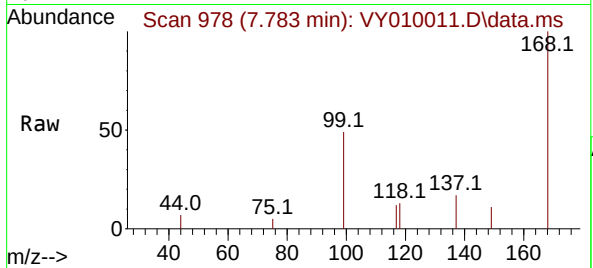




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010011.D
Acq: 14 Aug 2022 20:37

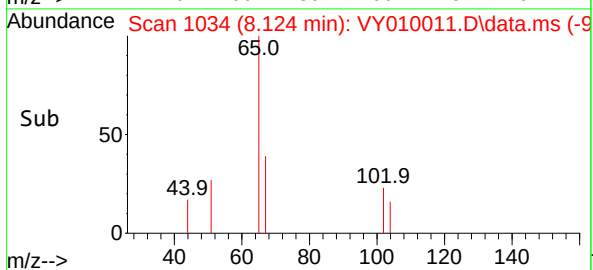
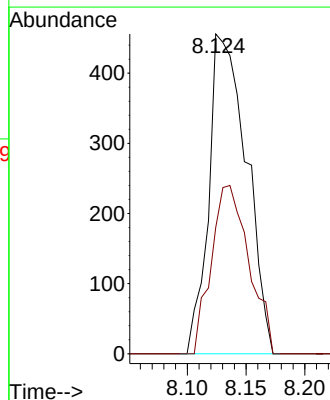
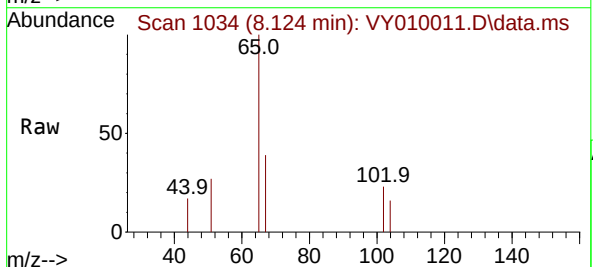
Instrument :
MSVOA_Y
ClientSampleId :
SB17

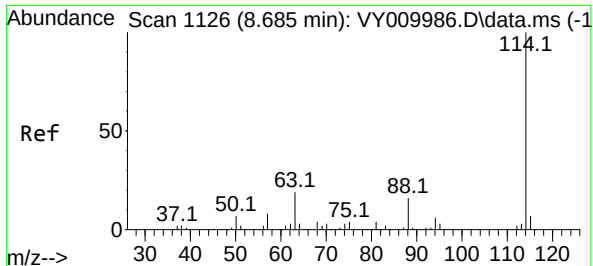
Tgt Ion:168 Resp: 2346
Ion Ratio Lower Upper
168 100
99 48.9 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 42.609 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VY010011.D
Acq: 14 Aug 2022 20:37

Tgt Ion: 65 Resp: 1014
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY010011.D

Acq: 14 Aug 2022 20:37

Instrument :

MSVOA_Y

ClientSampleId :

SB17

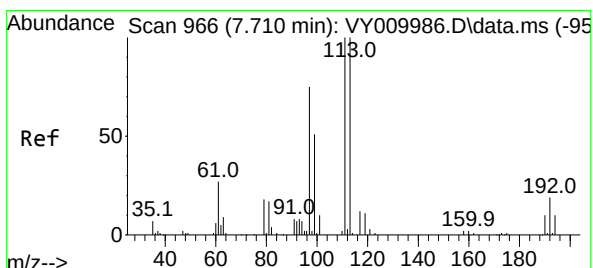
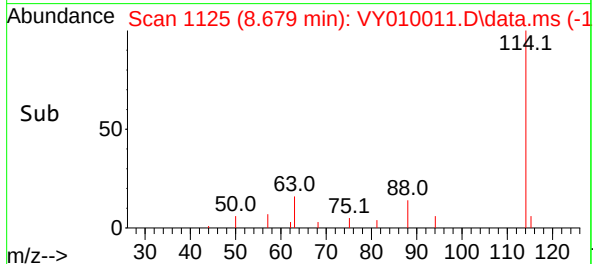
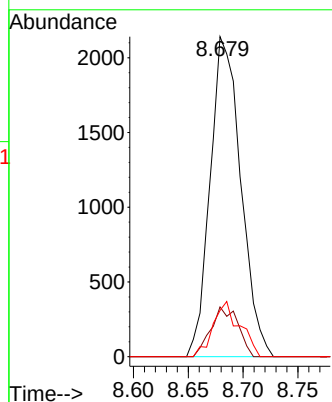
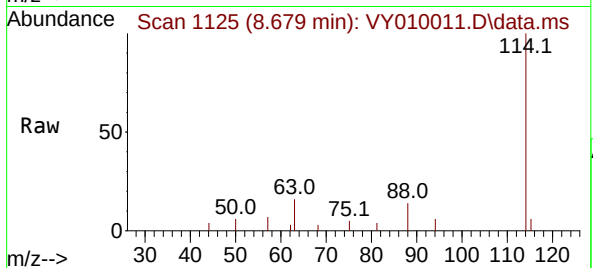
Tgt Ion:114 Resp: 4162

Ion Ratio Lower Upper

114 100

63 15.6 0.0 38.0

88 14.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 15.271 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010011.D

Acq: 14 Aug 2022 20:37

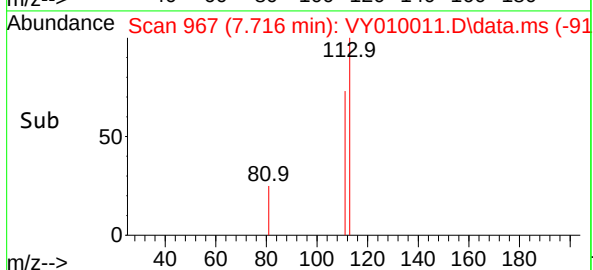
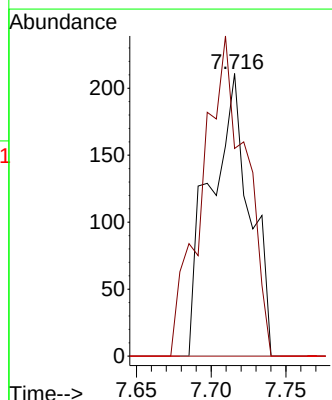
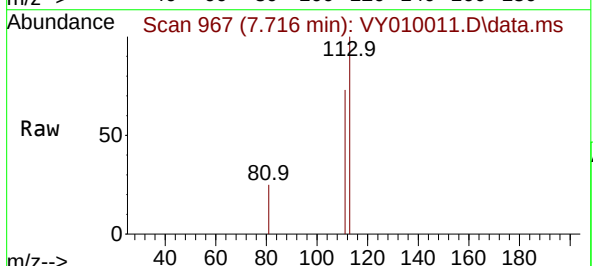
Tgt Ion:113 Resp: 389

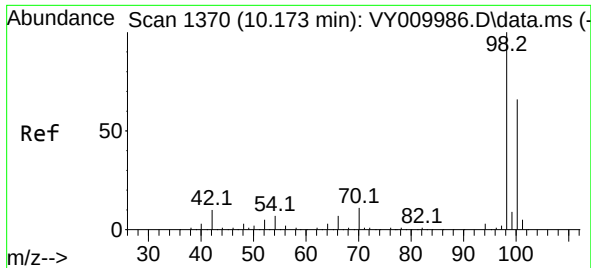
Ion Ratio Lower Upper

113 100

111 124.7 80.6 120.8#

192 0.0 16.2 24.4#

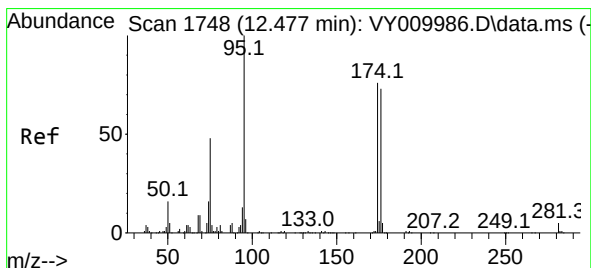
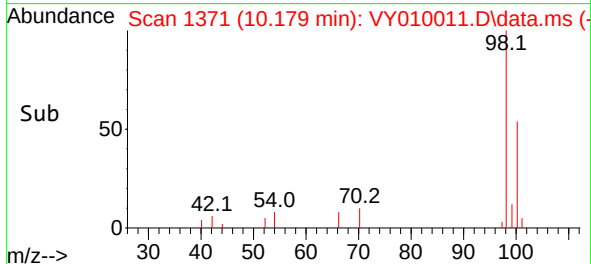
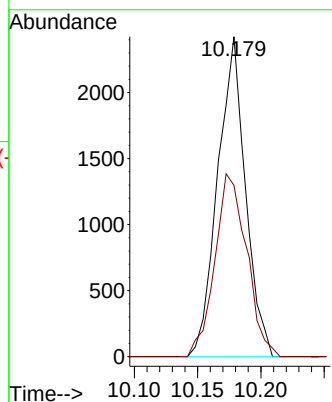
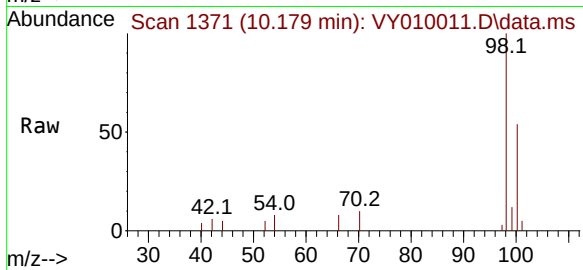




#50
Toluene-d8
Concen: 37.888 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010011.D
Acq: 14 Aug 2022 20:37

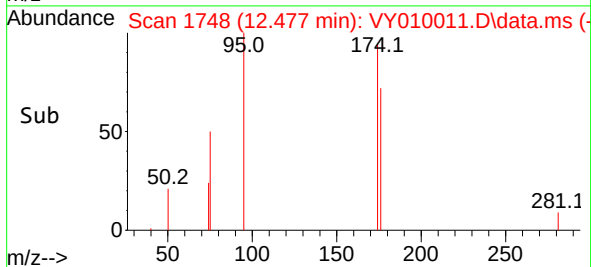
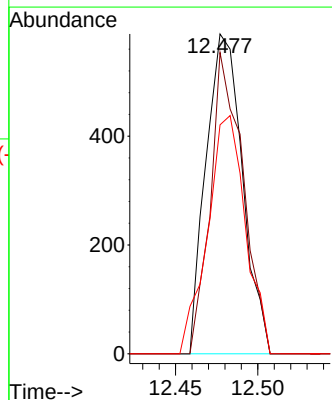
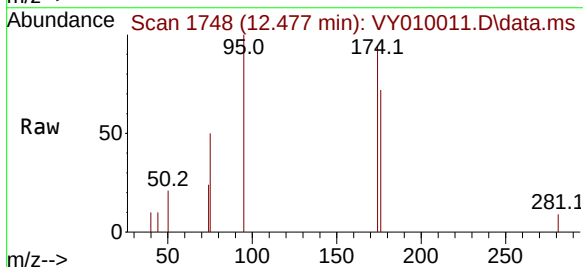
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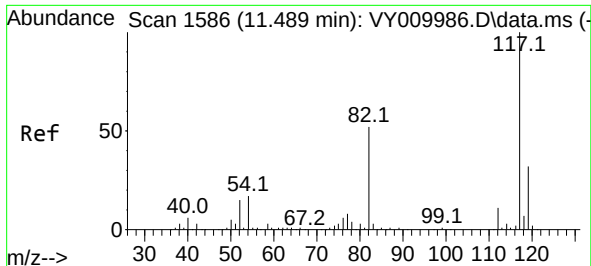
Tgt Ion: 98 Resp: 3698
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 25.307 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010011.D
Acq: 14 Aug 2022 20:37

Tgt Ion: 95 Resp: 905
Ion Ratio Lower Upper
95 100
174 84.1 0.0 173.8
176 77.5 0.0 167.0

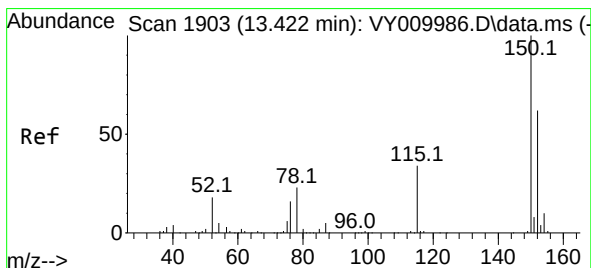
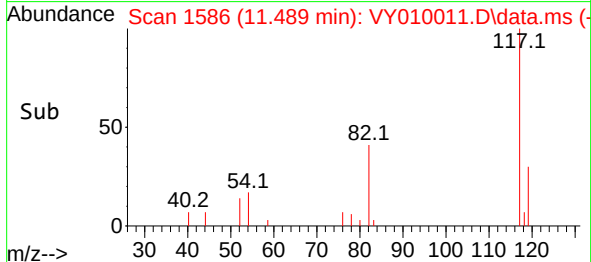
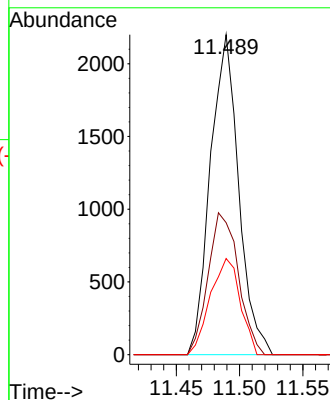
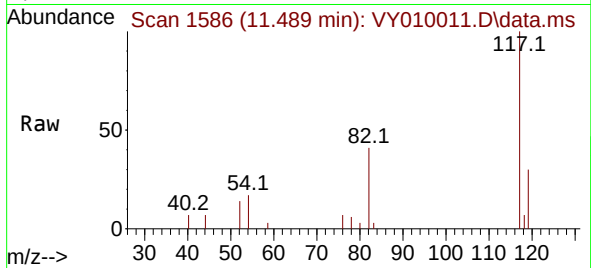




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY010011.D
Acq: 14 Aug 2022 20:37

Instrument :
MSVOA_Y
ClientSampleId :
SB17

Tgt Ion:117 Resp: 3421
Ion Ratio Lower Upper
117 100
82 41.2 41.8 62.6#
119 30.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010011.D
Acq: 14 Aug 2022 20:37

Tgt Ion:152 Resp: 882
Ion Ratio Lower Upper
152 100
115 52.5 28.6 85.9
150 163.5 0.0 349.8

