

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010013.D
 Acq On : 14 Aug 2022 21:24
 Operator : KP/MD
 Sample : N4189-15
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB12

Quant Time: Aug 15 00:42:33 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	7.789	168	3402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	6093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	5912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2197	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1983	57.462	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.920%
35) Dibromofluoromethane	7.697	113	971	26.038	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	52.080%#
50) Toluene-d8	10.179	98	6027	42.180	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.360%
62) 4-Bromofluorobenzene	12.477	95	1795	34.287	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.580%

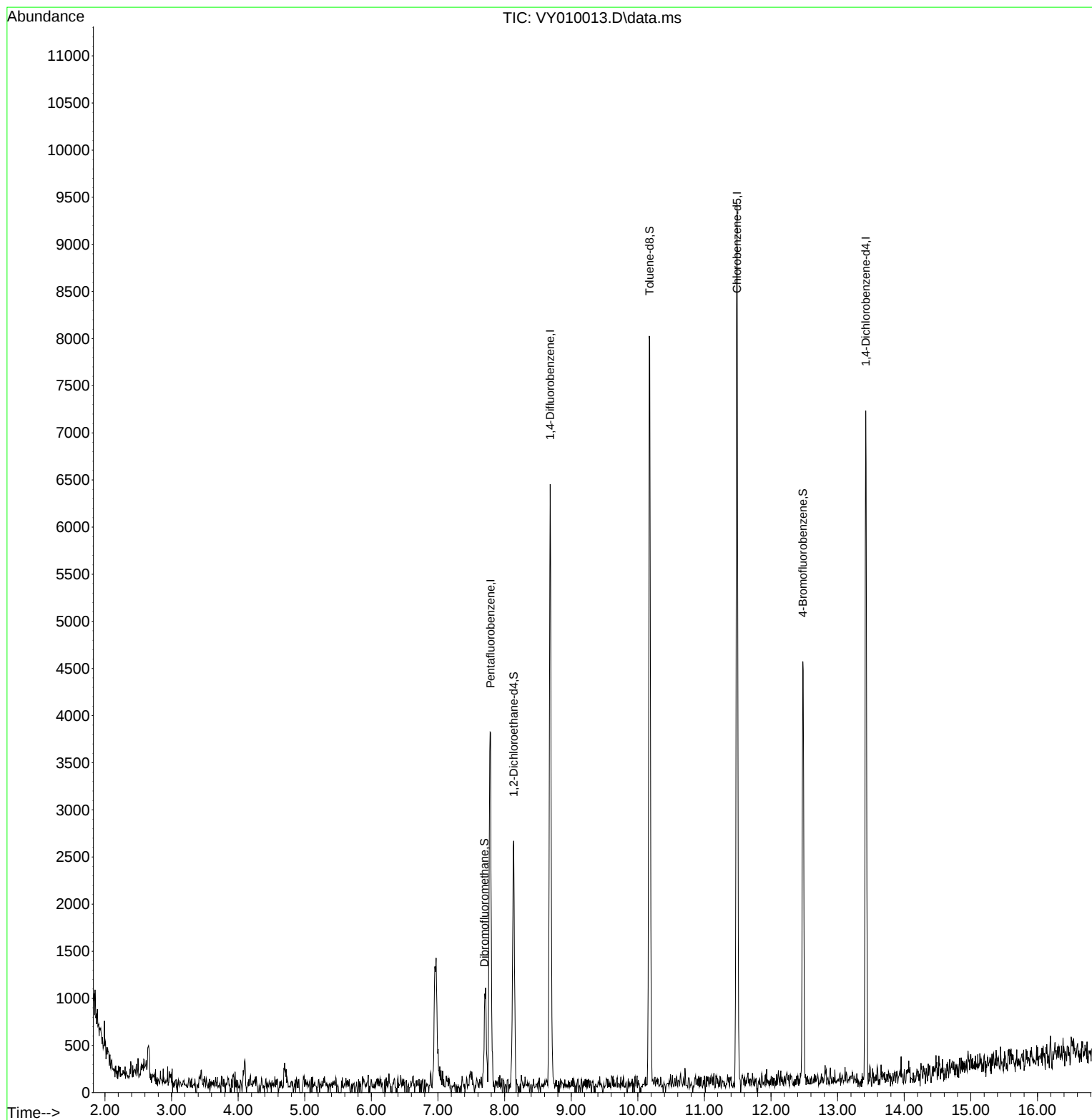
Target Compounds	Qvalue

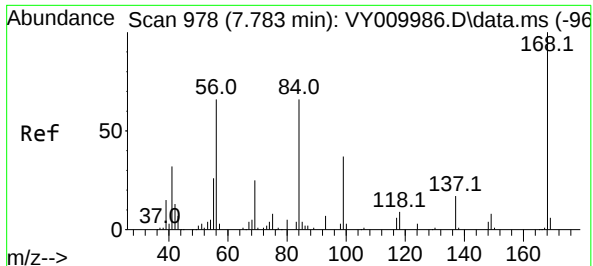
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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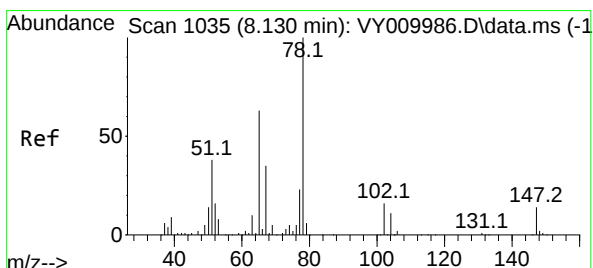
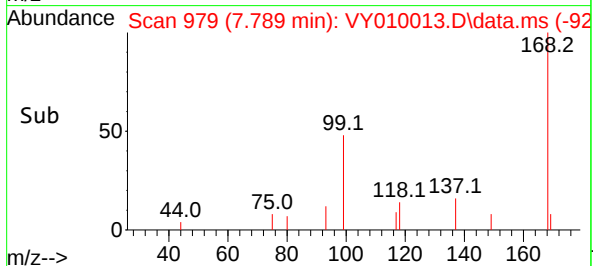
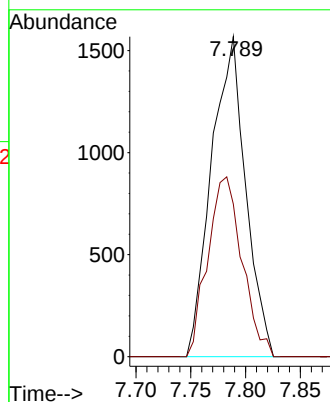
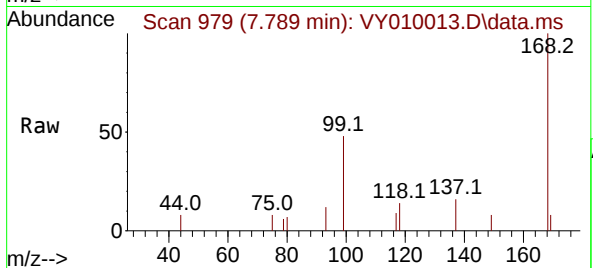




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010013.D
Acq: 14 Aug 2022 21:24

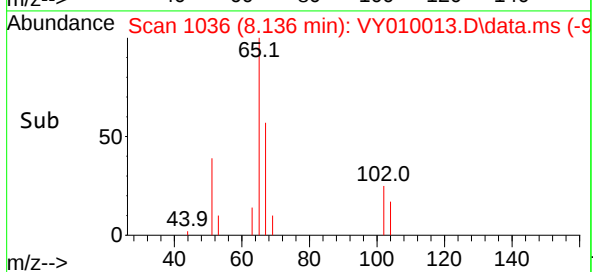
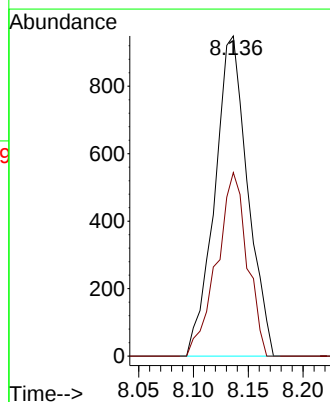
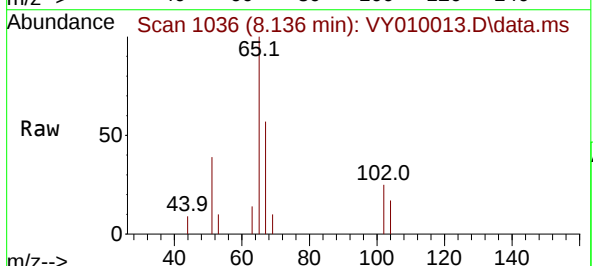
Instrument :
MSVOA_Y
ClientSampleId :
SB12

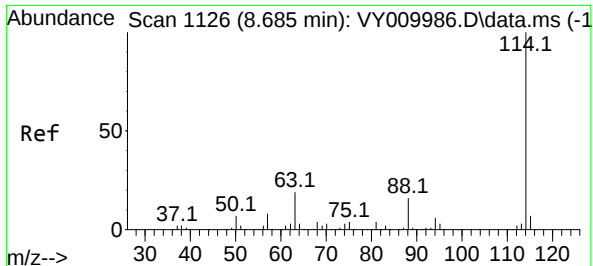
Tgt Ion:168 Resp: 3402
Ion Ratio Lower Upper
168 100
99 47.7 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 57.462 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010013.D
Acq: 14 Aug 2022 21:24

Tgt Ion: 65 Resp: 1983
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010013.D

Acq: 14 Aug 2022 21:24

Instrument :

MSVOA_Y

ClientSampleId :

SB12

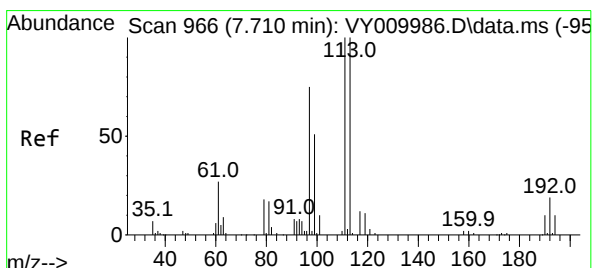
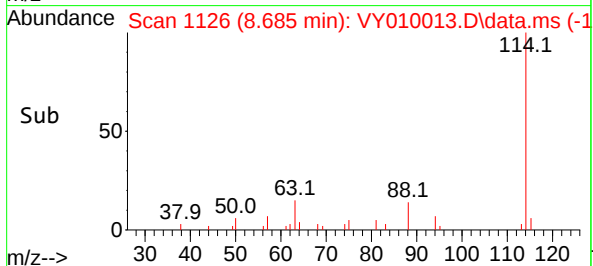
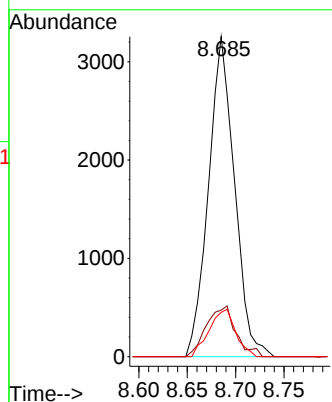
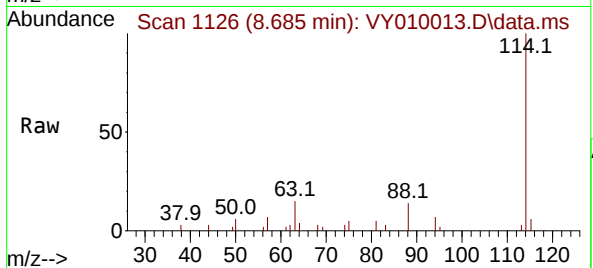
Tgt Ion:114 Resp: 6093

Ion Ratio Lower Upper

114 100

63 14.5 0.0 38.0

88 13.9 0.0 30.0



#35

Dibromofluoromethane

Concen: 26.038 ug/l

RT: 7.697 min Scan# 964

Delta R.T. -0.012 min

Lab File: VY010013.D

Acq: 14 Aug 2022 21:24

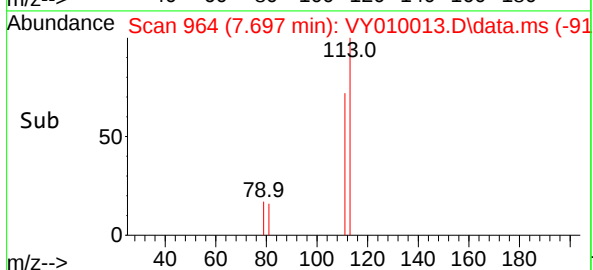
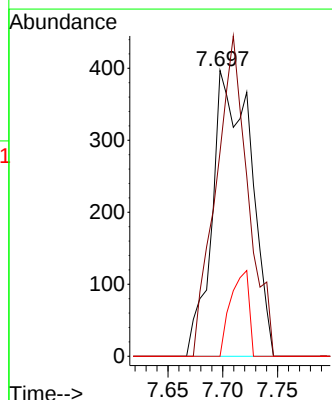
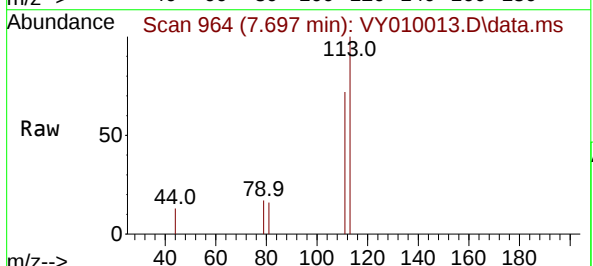
Tgt Ion:113 Resp: 971

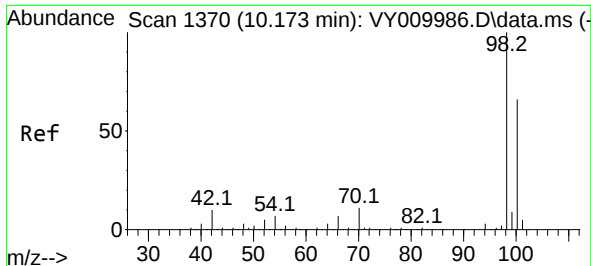
Ion Ratio Lower Upper

113 100

111 93.4 80.6 120.8

192 0.0 16.2 24.4#

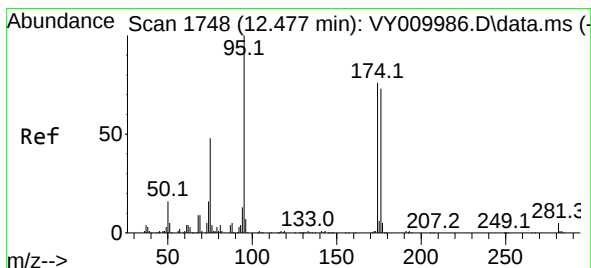
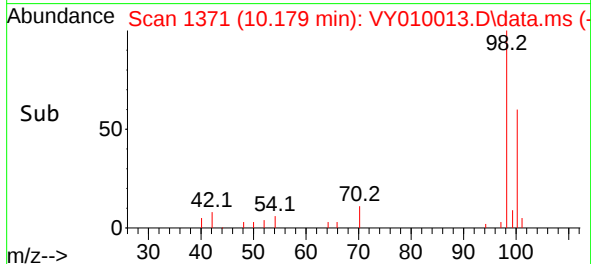
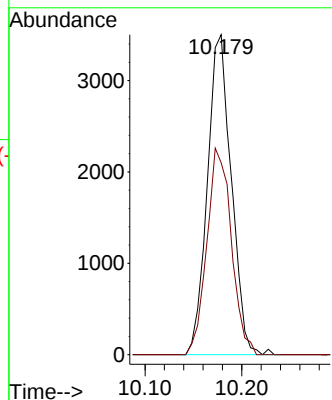
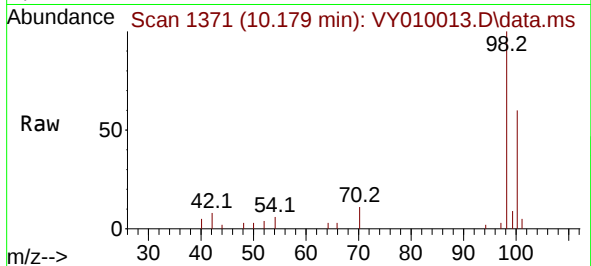




#50
Toluene-d8
Concen: 42.180 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010013.D
Acq: 14 Aug 2022 21:24

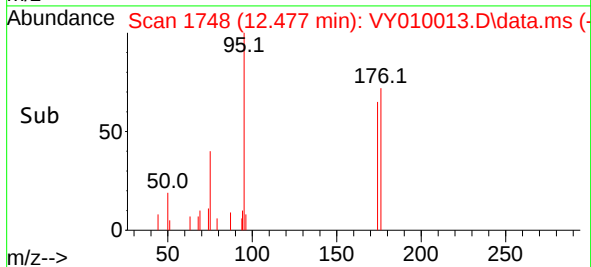
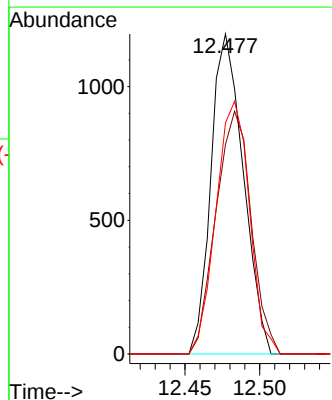
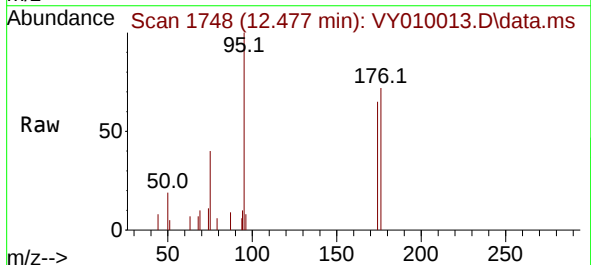
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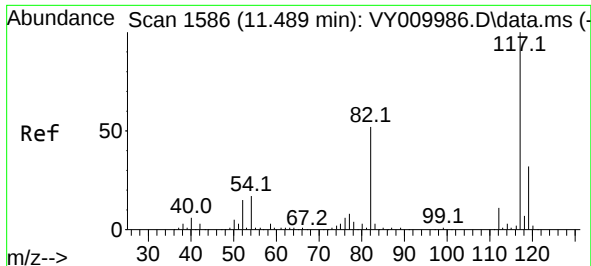
Tgt Ion: 98 Resp: 6027
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 34.287 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010013.D
Acq: 14 Aug 2022 21:24

Tgt Ion: 95 Resp: 1795
Ion Ratio Lower Upper
95 100
174 82.8 0.0 173.8
176 82.1 0.0 167.0

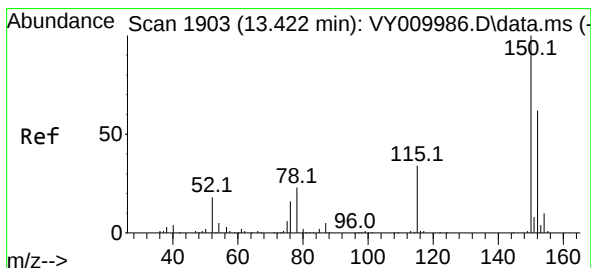
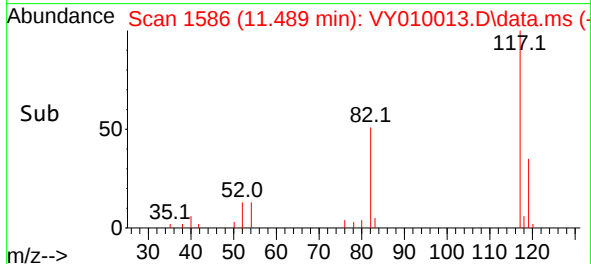
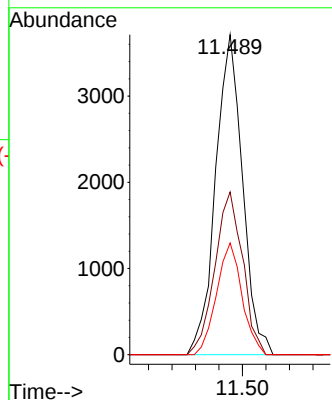
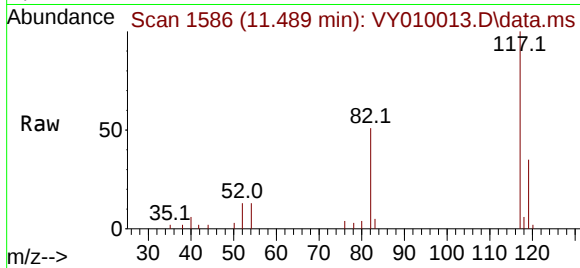




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010013.D
Acq: 14 Aug 2022 21:24

Instrument :
MSVOA_Y
ClientSampleId :
SB12

Tgt Ion:117	Resp:	5912
Ion	Ratio	Lower Upper
117	100	
82	50.9	41.8 62.6
119	34.9	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: VY010013.D
Acq: 14 Aug 2022 21:24

Tgt Ion:152	Resp:	2197
Ion	Ratio	Lower Upper
152	100	
115	57.7	28.6 85.9
150	163.7	0.0 349.8

