

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010014.D
 Acq On : 14 Aug 2022 21:47
 Operator : KP/MD
 Sample : N4189-17
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB14

Quant Time: Aug 15 00:42:46 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	38244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	72617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	75412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	33004	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	20975	54.066	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.140%
35) Dibromofluoromethane	7.710	113	21590	48.577	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.160%
50) Toluene-d8	10.179	98	72292	42.451	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.900%
62) 4-Bromofluorobenzene	12.477	95	24851	39.829	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.660%

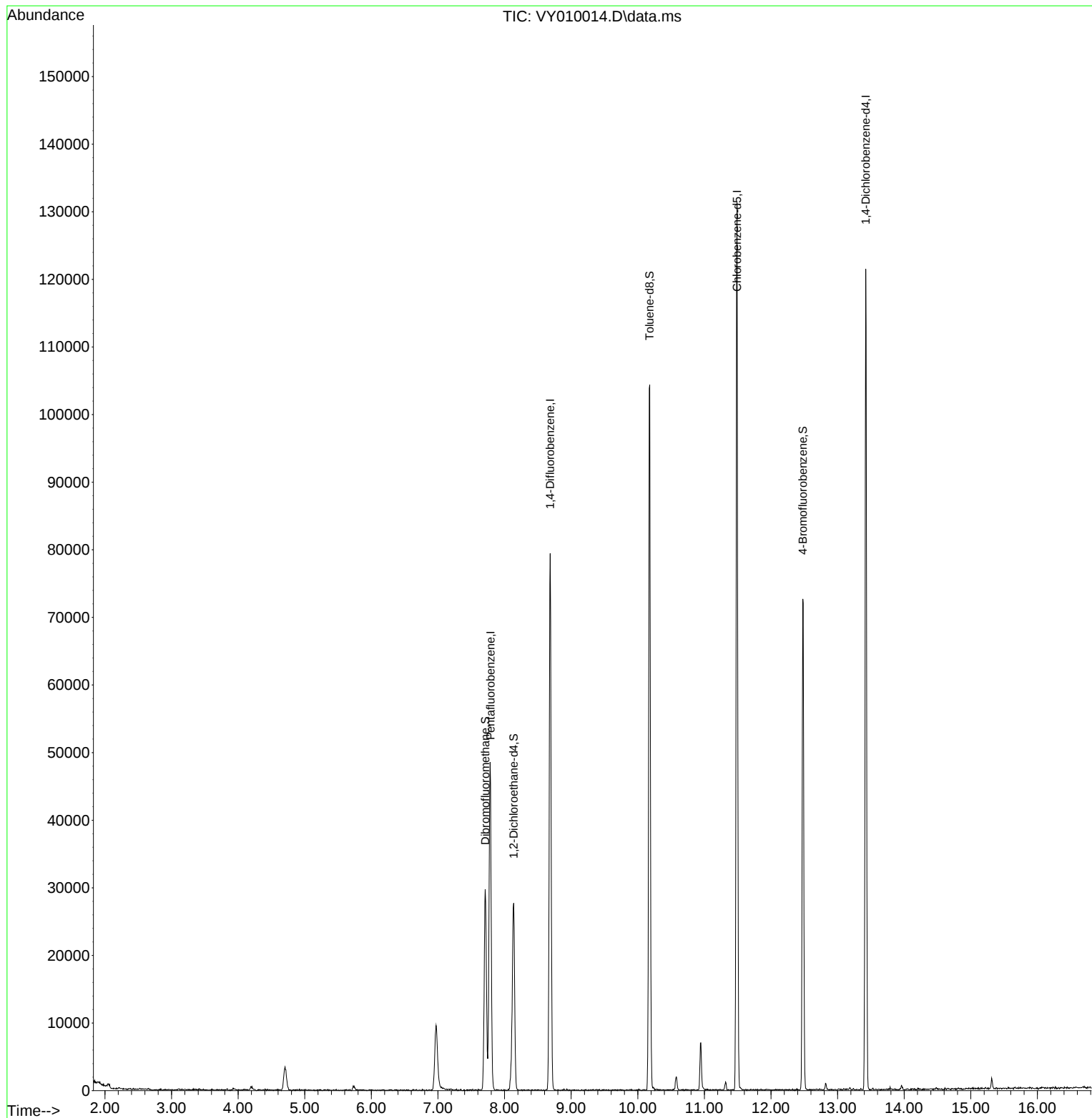
Target Compounds	Qvalue

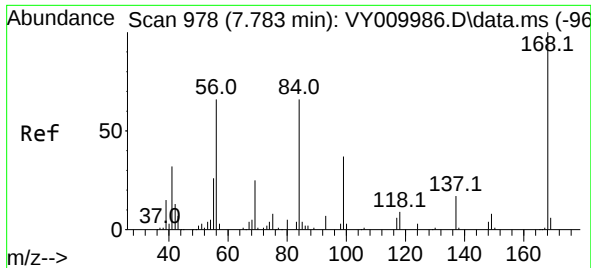
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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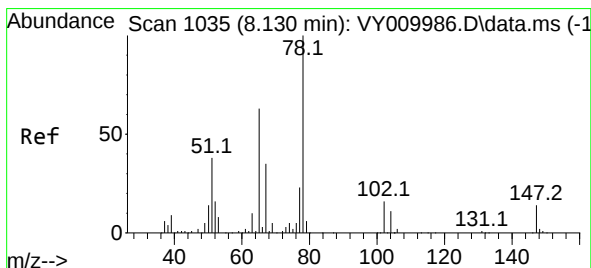
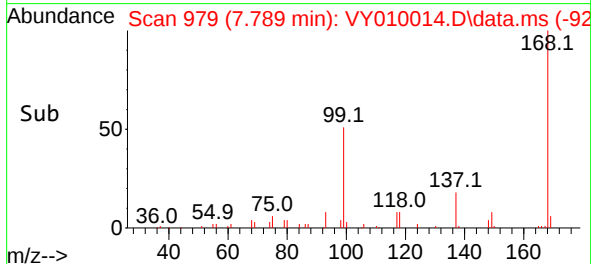
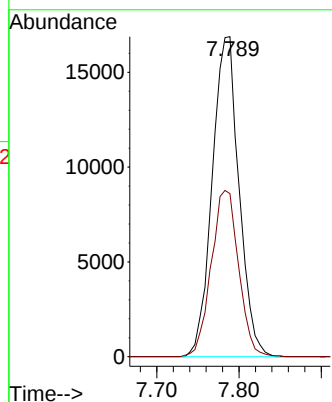
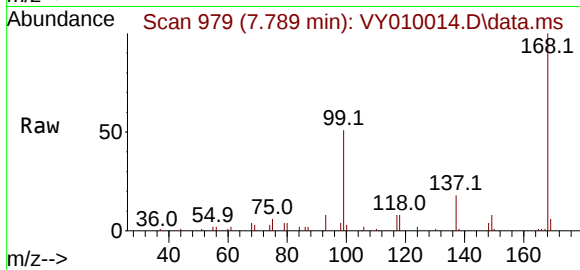




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010014.D
Acq: 14 Aug 2022 21:47

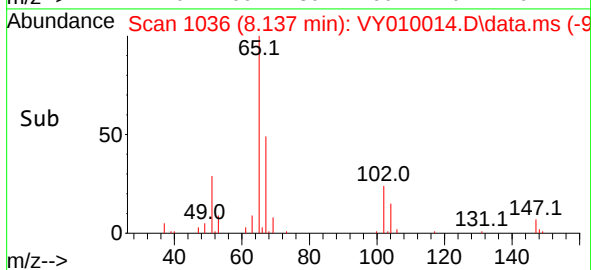
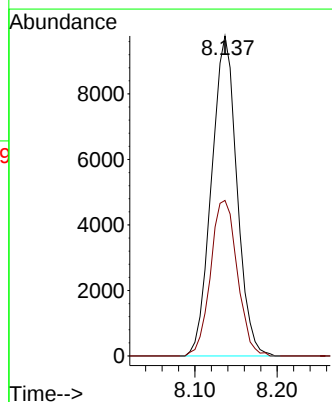
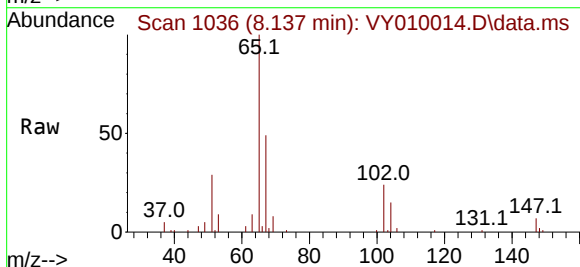
Instrument :
MSVOA_Y
ClientSampleId :
SB14

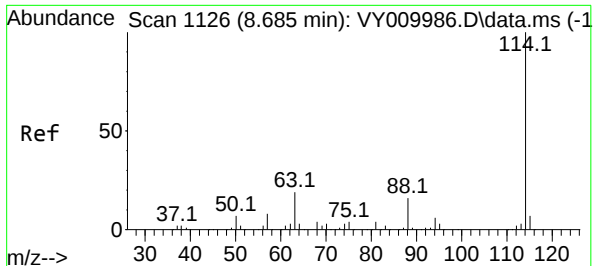
Tgt Ion:168 Resp: 38244
Ion Ratio Lower Upper
168 100
99 51.0 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 54.066 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010014.D
Acq: 14 Aug 2022 21:47

Tgt Ion: 65 Resp: 20975
Ion Ratio Lower Upper
65 100
67 51.1 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: VY010014.D

Acq: 14 Aug 2022 21:47

Instrument :

MSVOA_Y

ClientSampleId :

SB14

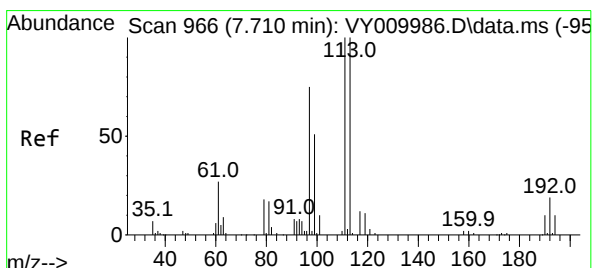
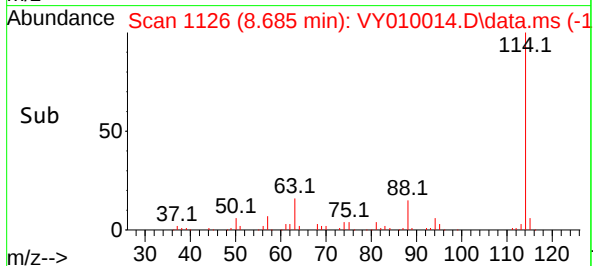
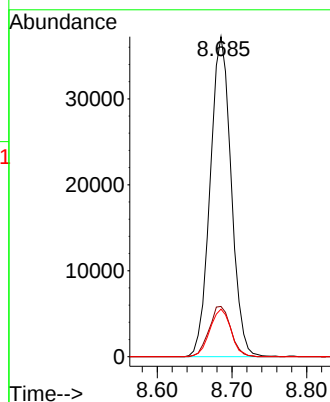
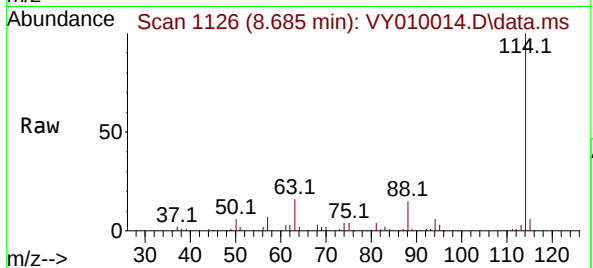
Tgt Ion:114 Resp: 72617

Ion Ratio Lower Upper

114 100

63 15.7 0.0 38.0

88 14.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 48.577 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY010014.D

Acq: 14 Aug 2022 21:47

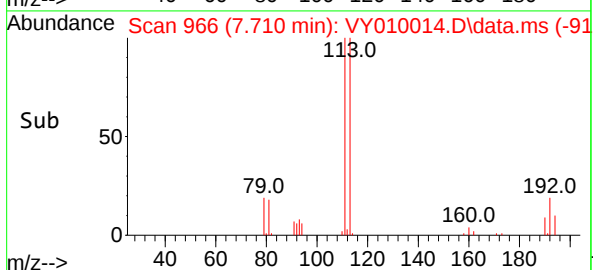
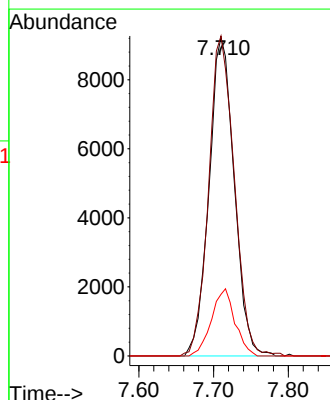
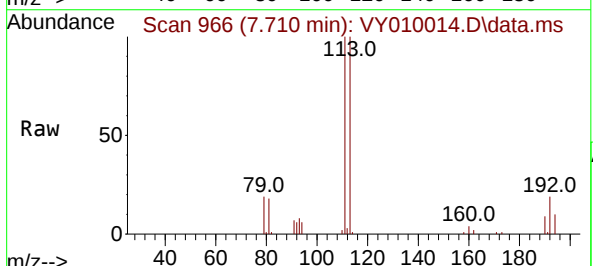
Tgt Ion:113 Resp: 21590

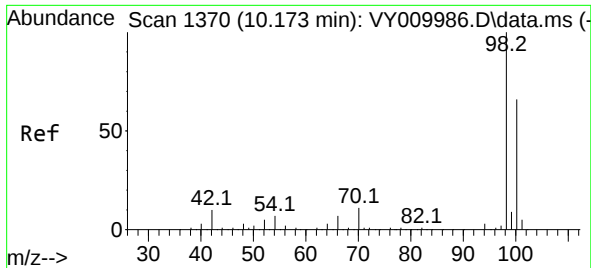
Ion Ratio Lower Upper

113 100

111 102.3 80.6 120.8

192 19.7 16.2 24.4

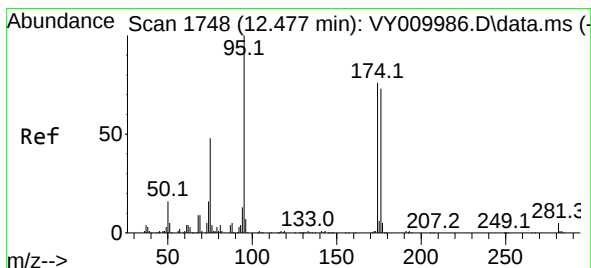
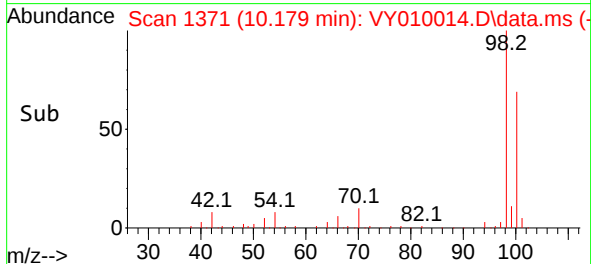
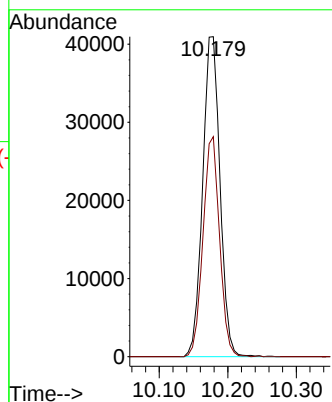
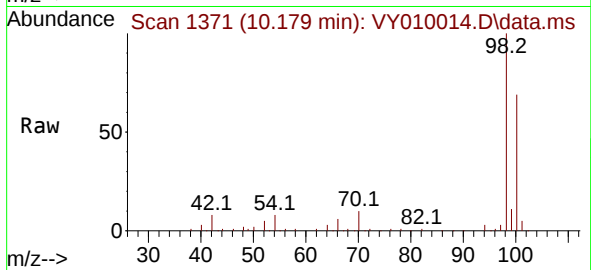




#50
Toluene-d8
Concen: 42.451 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010014.D
Acq: 14 Aug 2022 21:47

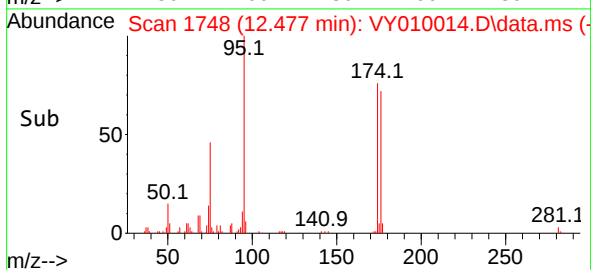
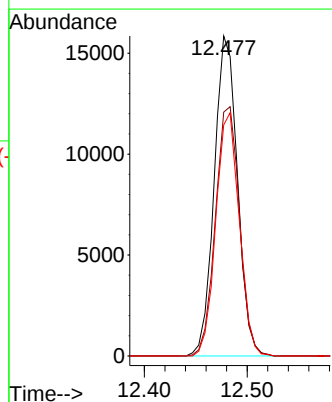
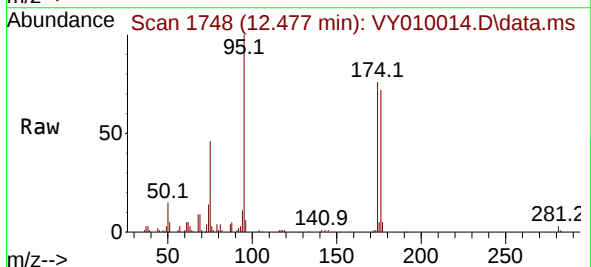
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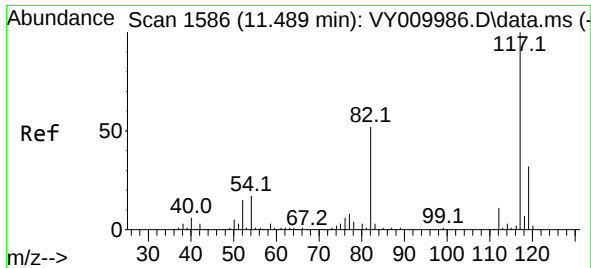
Tgt Ion: 98 Resp: 72292
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 39.829 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010014.D
Acq: 14 Aug 2022 21:47

Tgt Ion: 95 Resp: 24851
Ion Ratio Lower Upper
95 100
174 80.5 0.0 173.8
176 76.6 0.0 167.0

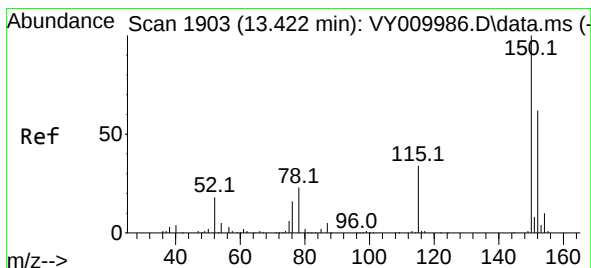
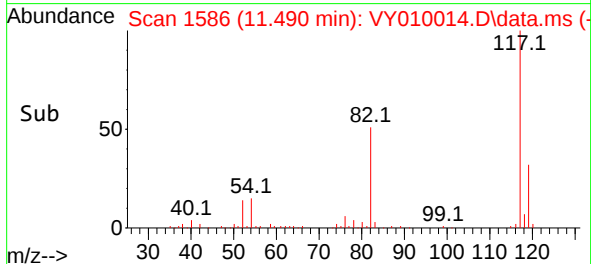
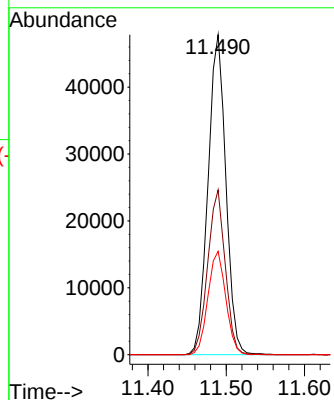
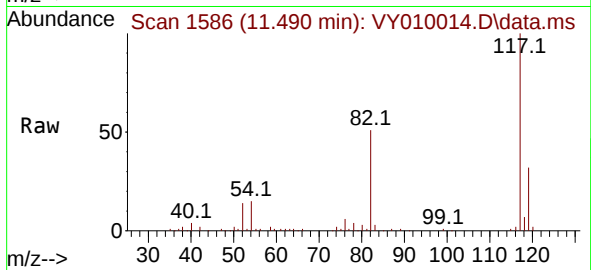




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010014.D
Acq: 14 Aug 2022 21:47

Instrument :
MSVOA_Y
ClientSampleId :
SB14

Tgt Ion:117 Resp: 75412
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.6
119 32.3 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: VY010014.D
Acq: 14 Aug 2022 21:47

Tgt Ion:152 Resp: 33004
Ion Ratio Lower Upper
152 100
115 57.6 28.6 85.9
150 157.5 0.0 349.8

