

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081822\
 Data File : VY010084.D
 Acq On : 18 Aug 2022 15:25
 Operator : KP/MD
 Sample : VY0818SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0818SBL01

Quant Time: Aug 18 19:08:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	92364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	135498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	126112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58044	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	50046	54.191	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.380%
35) Dibromofluoromethane	7.710	113	49381	56.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.400%
50) Toluene-d8	10.179	98	170423	52.422	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.840%
62) 4-Bromofluorobenzene	12.477	95	56057	49.093	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.180%

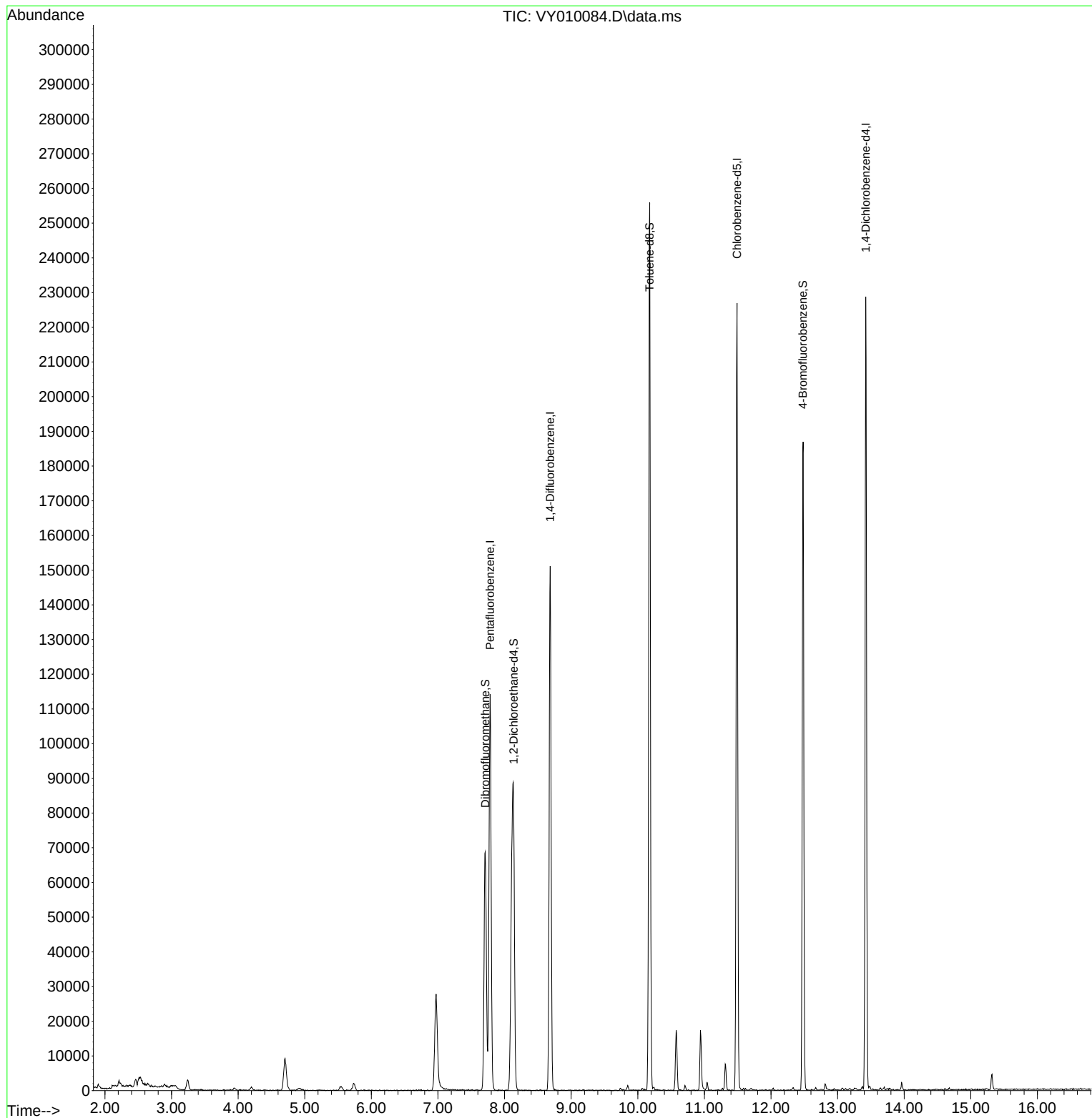
Target Compounds	Qvalue

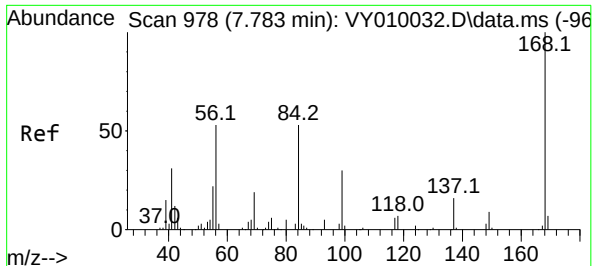
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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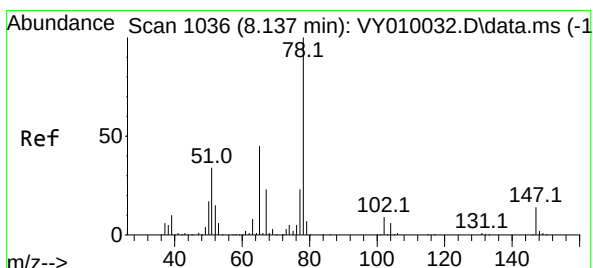
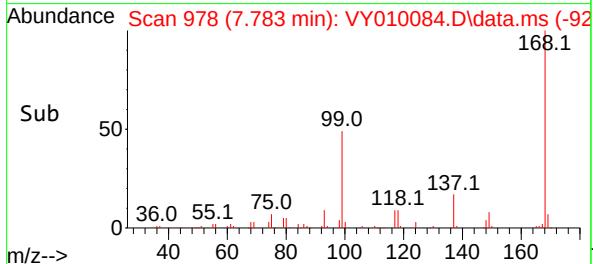
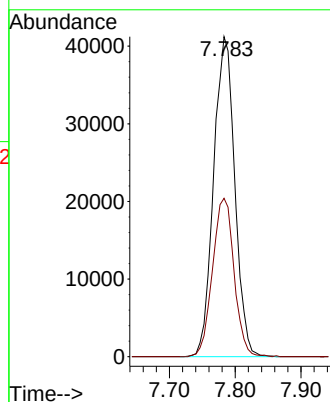
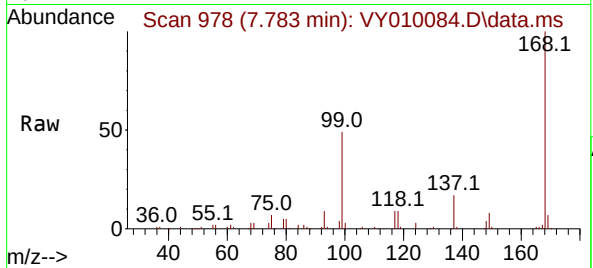




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

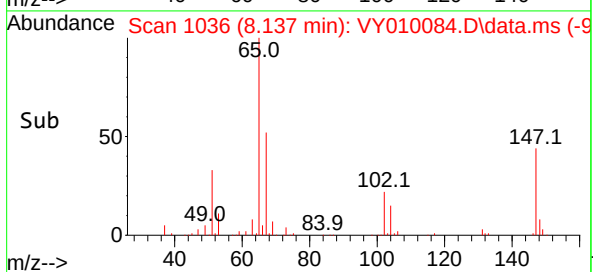
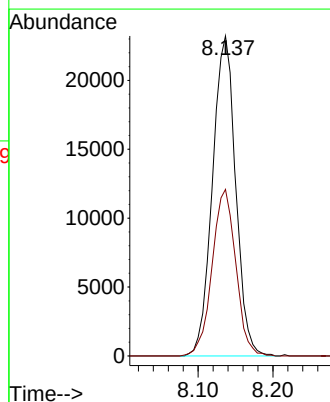
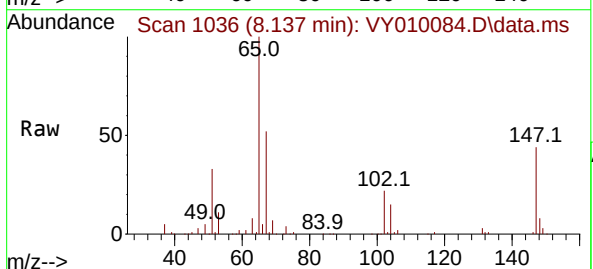
Instrument :
MSVOA_Y
ClientSampleId :
VY0818SBL01

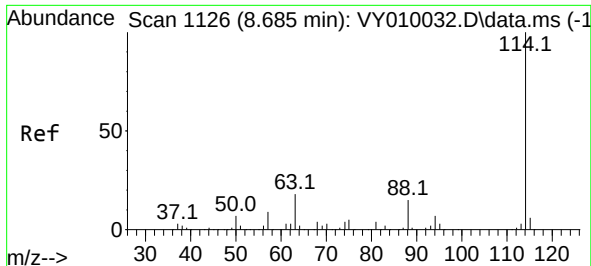
Tgt Ion:168 Resp: 92364
Ion Ratio Lower Upper
168 100
99 49.5 37.7 56.5



#33
1,2-Dichloroethane-d4
Concen: 54.191 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

Tgt Ion: 65 Resp: 50046
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010084.D

Acq: 18 Aug 2022 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0818SBL01

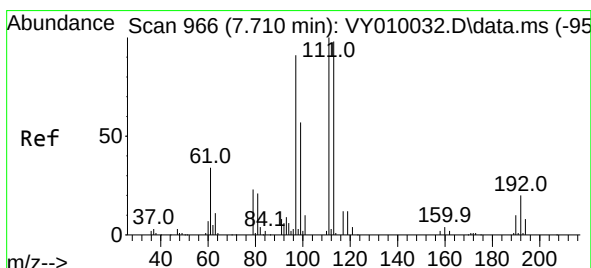
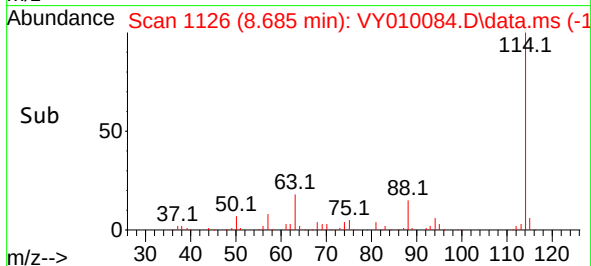
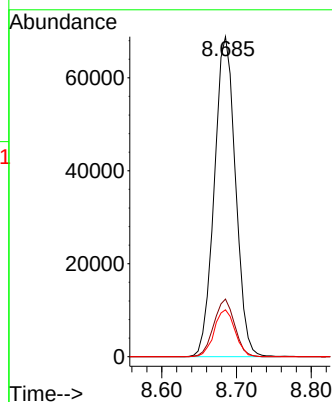
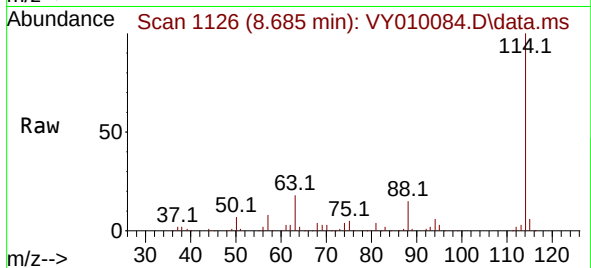
Tgt Ion:114 Resp: 135498

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.2

88 14.7 0.0 30.2



#35

Dibromofluoromethane

Concen: 56.198 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010084.D

Acq: 18 Aug 2022 15:25

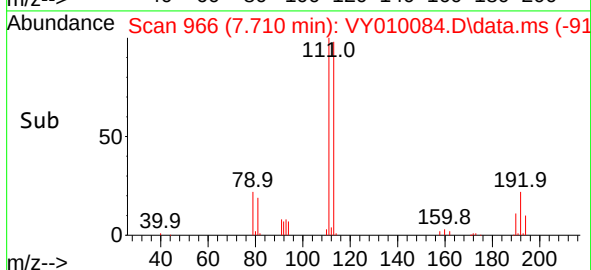
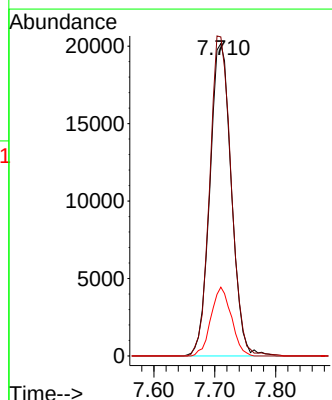
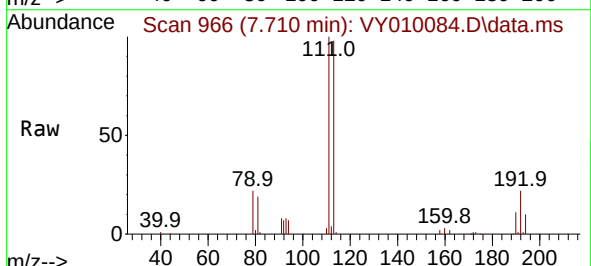
Tgt Ion:113 Resp: 49381

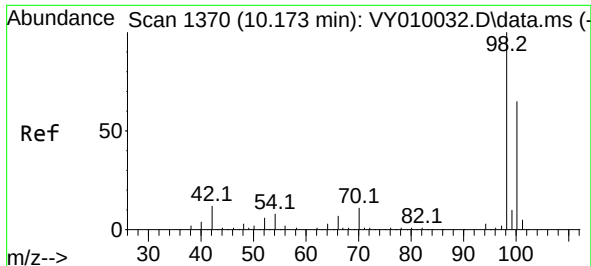
Ion Ratio Lower Upper

113 100

111 102.1 82.7 124.1

192 20.8 17.2 25.8

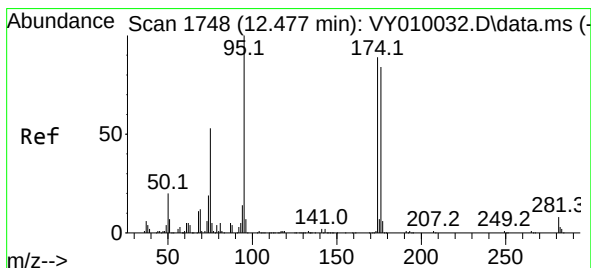
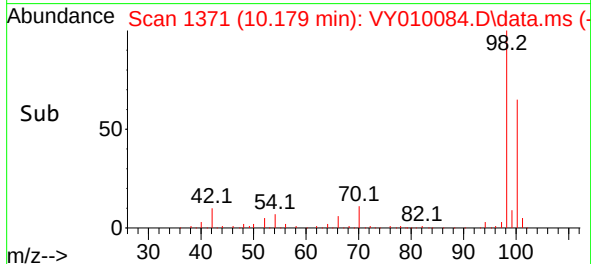
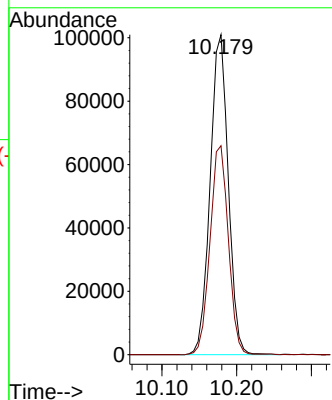
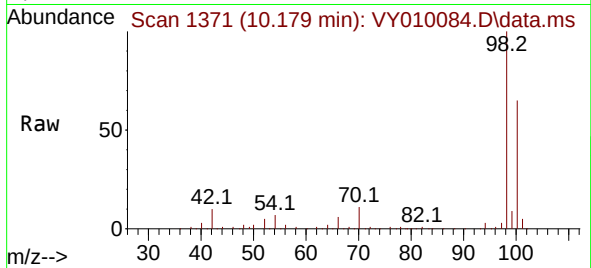




#50
Toluene-d8
Concen: 52.422 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

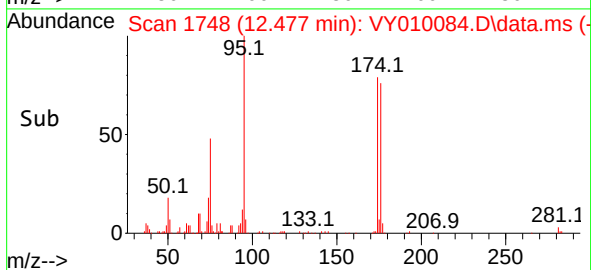
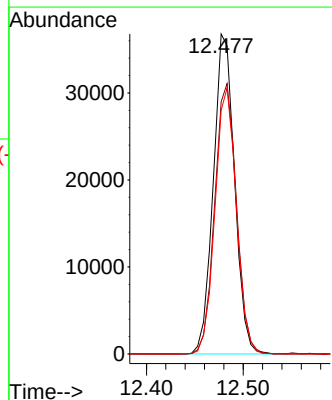
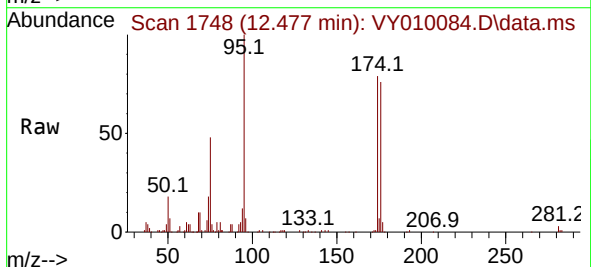
Instrument :
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VY0818SBL01

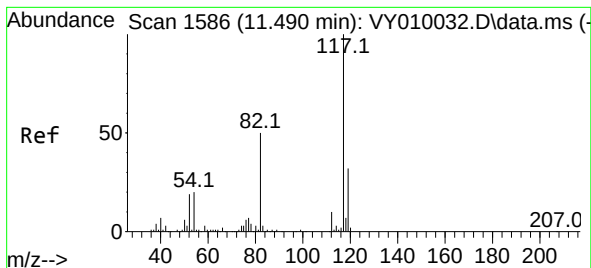
Tgt Ion: 98 Resp: 170423
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.093 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

Tgt Ion: 95 Resp: 56057
Ion Ratio Lower Upper
95 100
174 86.5 0.0 184.2
176 83.4 0.0 178.4

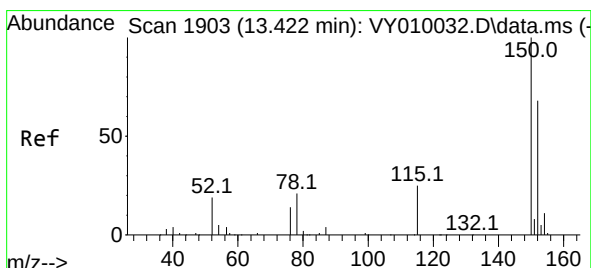
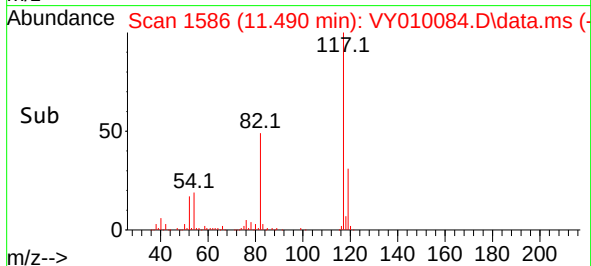
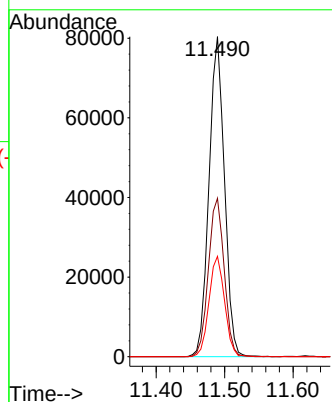
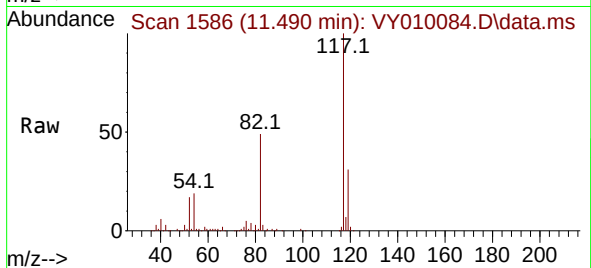




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0818SBL01

Tgt Ion:117 Resp: 126112
Ion Ratio Lower Upper
117 100
82 49.5 39.8 59.6
119 31.4 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: VY010084.D
Acq: 18 Aug 2022 15:25

Tgt Ion:152 Resp: 58044
Ion Ratio Lower Upper
152 100
115 58.0 28.1 84.3
150 157.0 0.0 346.6

