

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010080.D
 Acq On : 17 Aug 2022 19:46
 Operator : KP/MD
 Sample : N4124-04
 Misc : 12.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SSP4

Quant Time: Aug 18 08:23:22 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	68230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	97951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	75706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22576	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19458	28.522	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	57.040%
35) Dibromofluoromethane	7.710	113	17815	28.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	56.100%
50) Toluene-d8	10.179	98	110690	47.100	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.200%
62) 4-Bromofluorobenzene	12.477	95	23104	27.990	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	55.980%

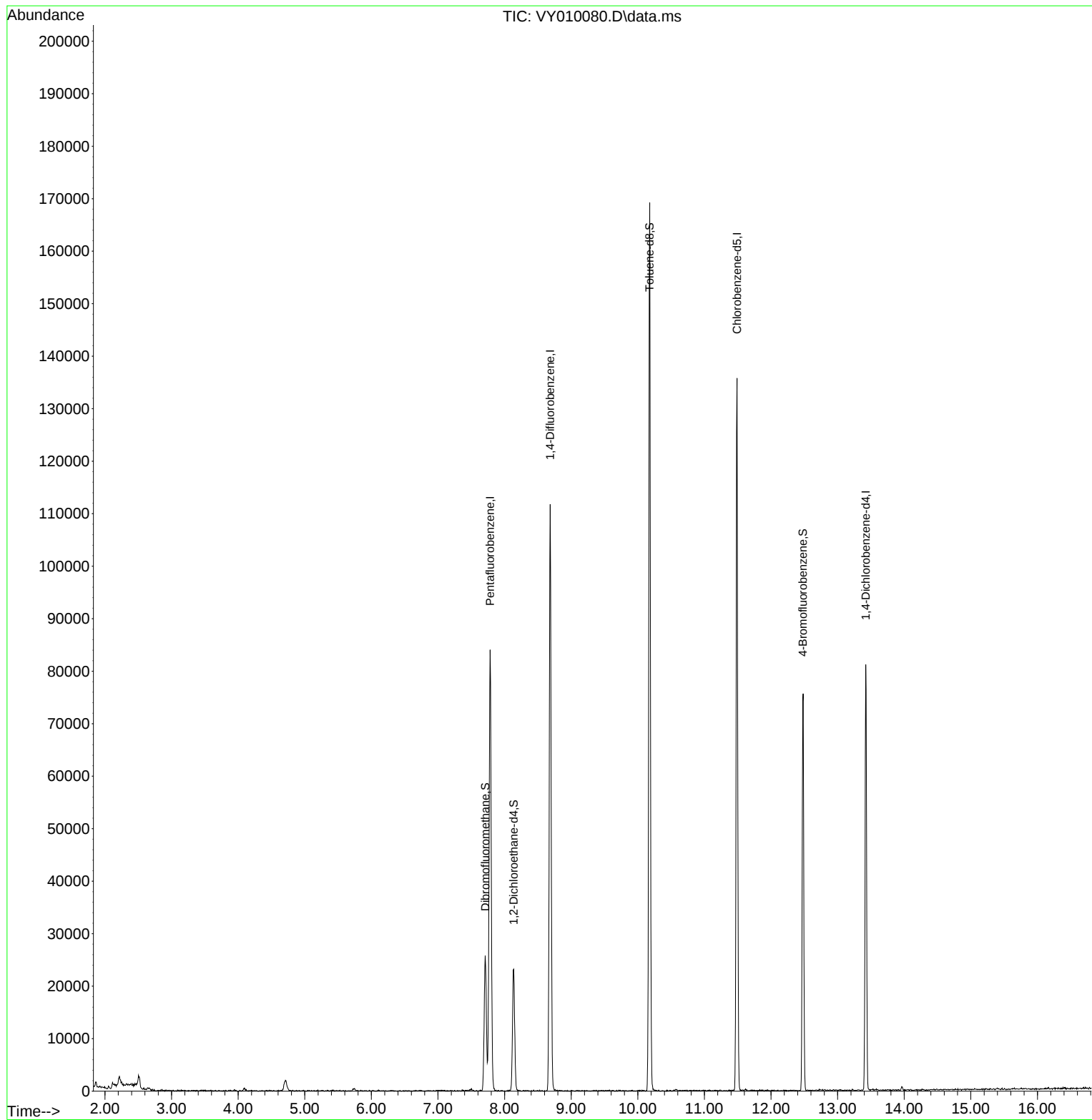
Target Compounds	Qvalue

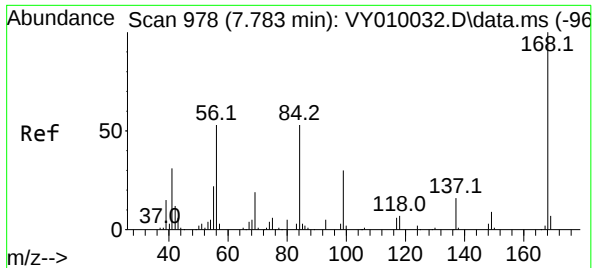
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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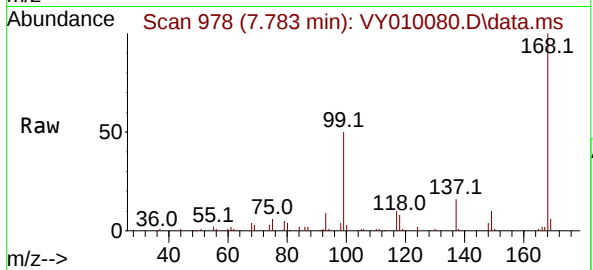
Quant Time: Aug 18 08:23:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
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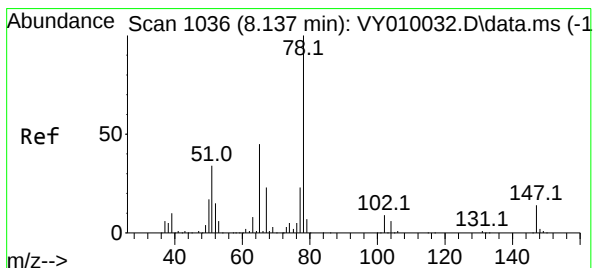
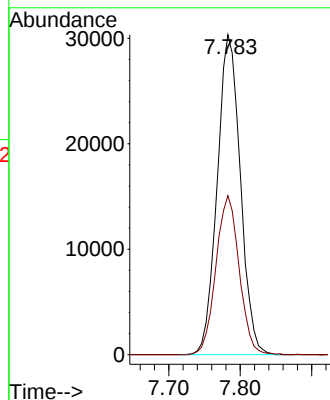
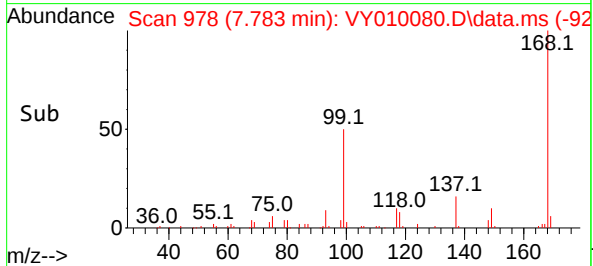


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010080.D
Acq: 17 Aug 2022 19:46

Instrument :
MSVOA_Y
ClientSampleId :
SSP4

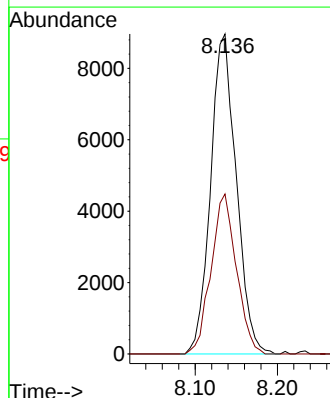
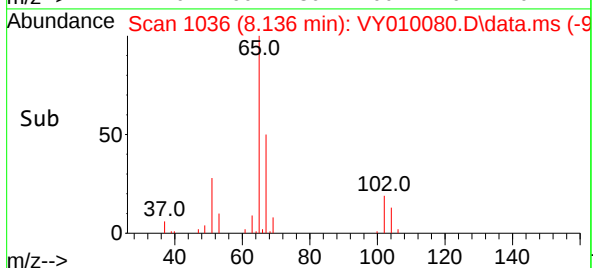
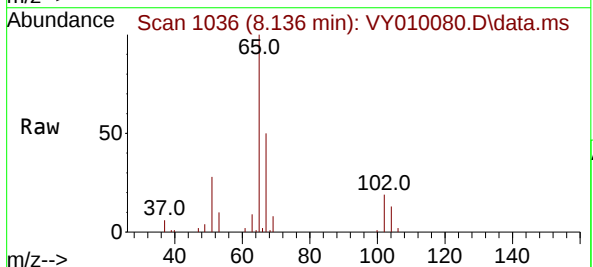


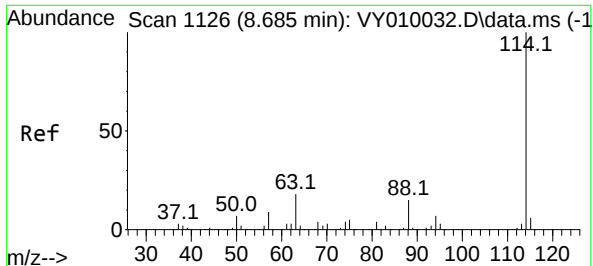
Tgt Ion:168 Resp: 68230
Ion Ratio Lower Upper
168 100
99 49.7 37.7 56.5



#33
1,2-Dichloroethane-d4
Concen: 28.522 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010080.D
Acq: 17 Aug 2022 19:46

Tgt Ion: 65 Resp: 19458
Ion Ratio Lower Upper
65 100
67 49.4 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: VY010080.D

Acq: 17 Aug 2022 19:46

Instrument :

MSVOA_Y

ClientSampleId :

SSP4

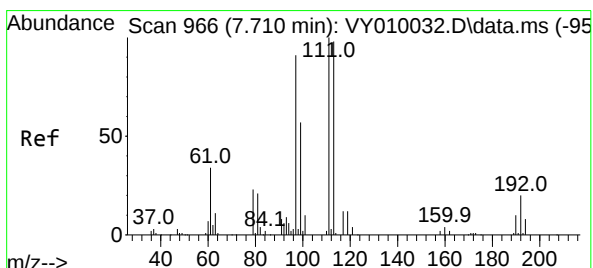
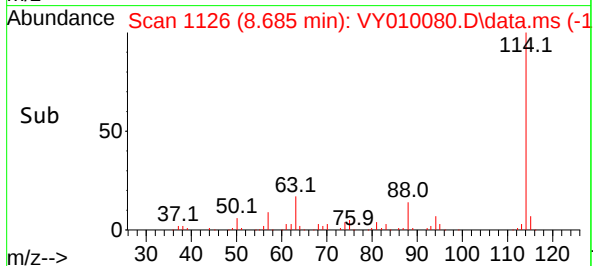
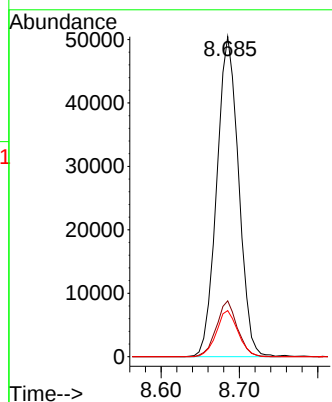
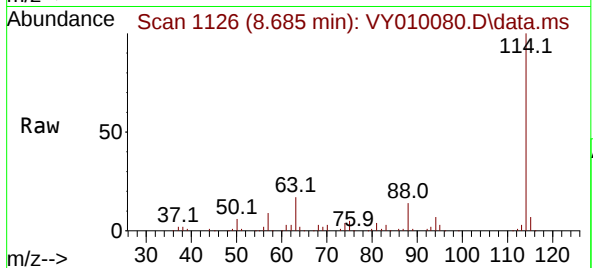
Tgt Ion:114 Resp: 97951

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.2

88 14.4 0.0 30.2



#35

Dibromofluoromethane

Concen: 28.046 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010080.D

Acq: 17 Aug 2022 19:46

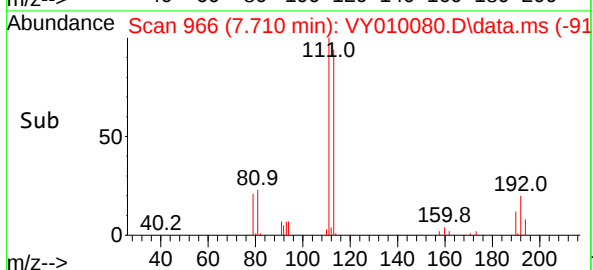
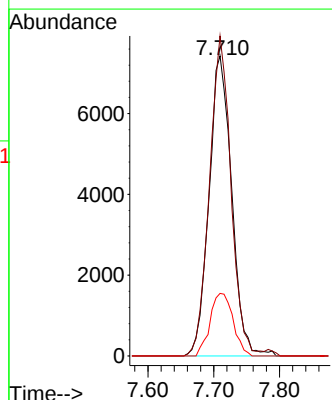
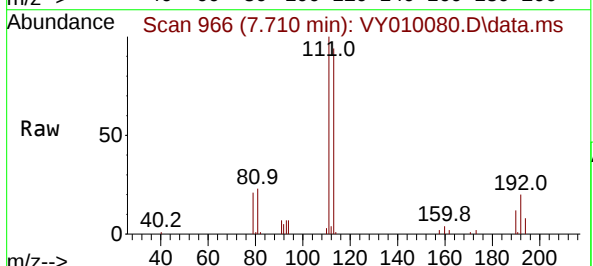
Tgt Ion:113 Resp: 17815

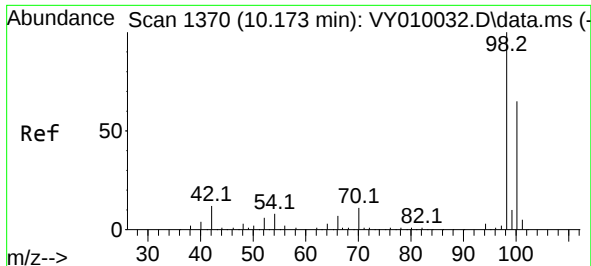
Ion Ratio Lower Upper

113 100

111 100.8 82.7 124.1

192 21.1 17.2 25.8

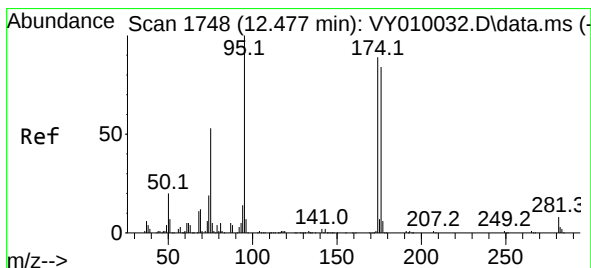
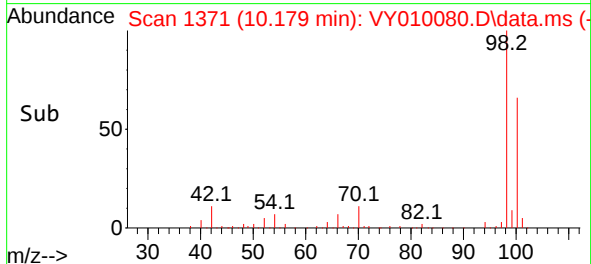
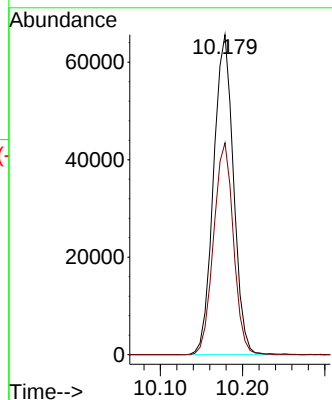
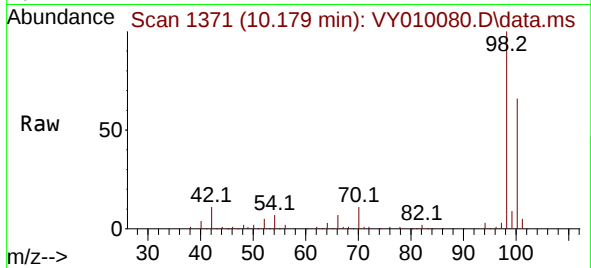




#50
Toluene-d8
Concen: 47.100 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010080.D
Acq: 17 Aug 2022 19:46

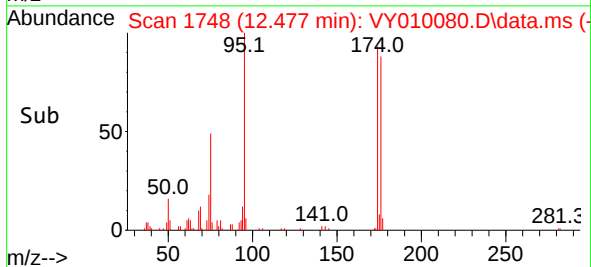
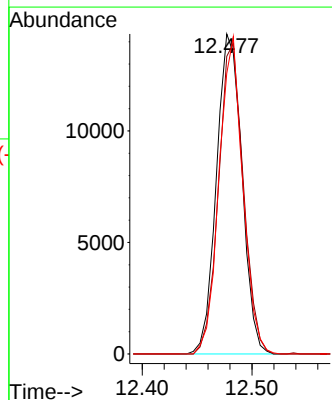
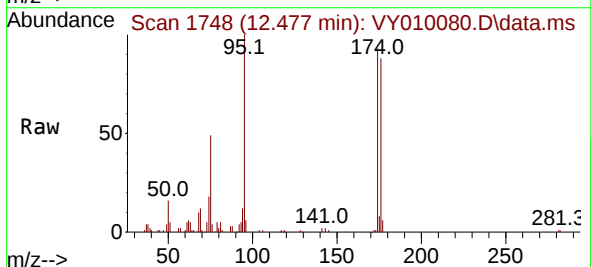
Instrument :
MSVOA_Y
ClientSampleId :
SSP4

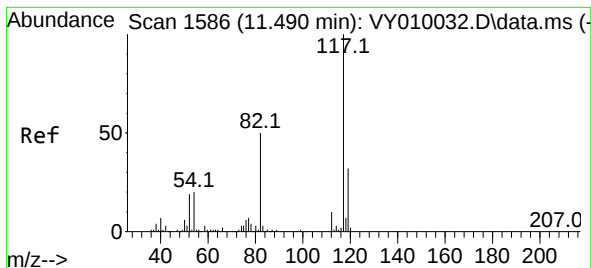
Tgt Ion: 98 Resp: 110690
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 27.990 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010080.D
Acq: 17 Aug 2022 19:46

Tgt Ion: 95 Resp: 23104
Ion Ratio Lower Upper
95 100
174 94.8 0.0 184.2
176 92.4 0.0 178.4

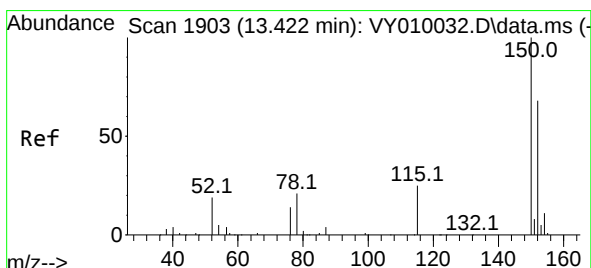
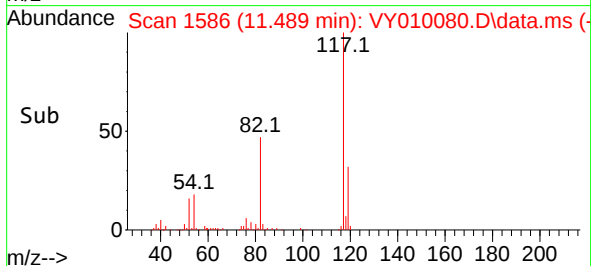
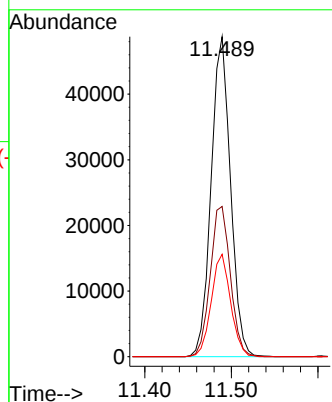
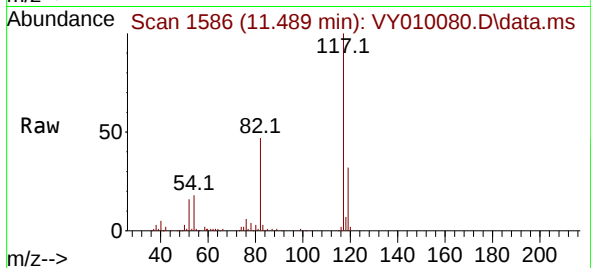




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010080.D
Acq: 17 Aug 2022 19:46

Instrument :
MSVOA_Y
ClientSampleId :
SSP4

Tgt Ion:117 Resp: 75706
Ion Ratio Lower Upper
117 100
82 46.9 39.8 59.6
119 32.0 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: VY010080.D
Acq: 17 Aug 2022 19:46

Tgt Ion:152 Resp: 22576
Ion Ratio Lower Upper
152 100
115 56.0 28.1 84.3
150 158.7 0.0 346.6

