

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010077.D
 Acq On : 17 Aug 2022 18:35
 Operator : KP/MD
 Sample : N4124-07
 Misc : 9.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NJP7

Quant Time: Aug 18 08:22:27 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	68091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	121673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	121026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62874	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	41252	60.592	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.180%
35) Dibromofluoromethane	7.710	113	38896	49.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.580%
50) Toluene-d8	10.173	98	154511	52.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.860%
62) 4-Bromofluorobenzene	12.477	95	53782	52.452	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.900%

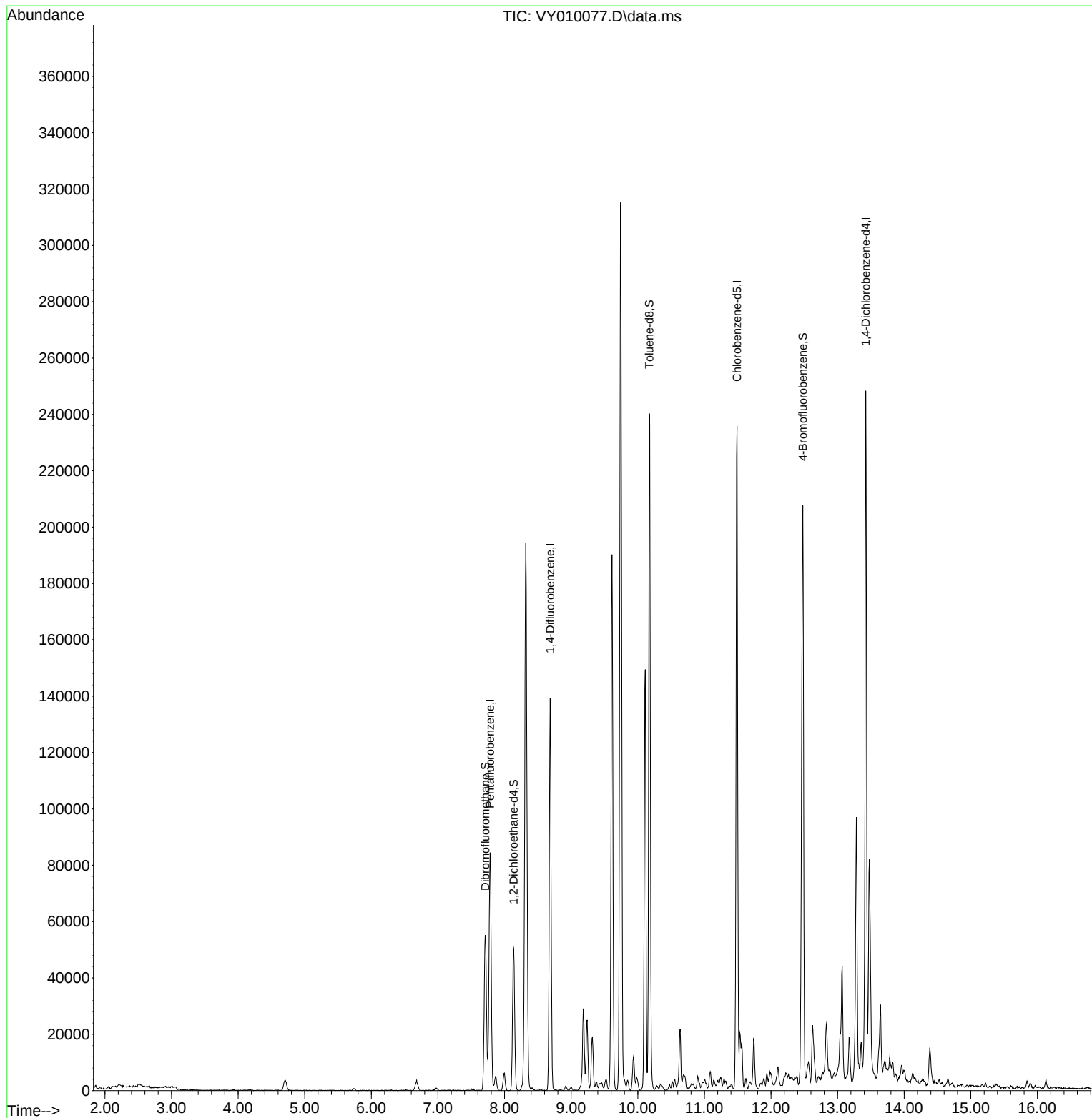
Target Compounds	Qvalue

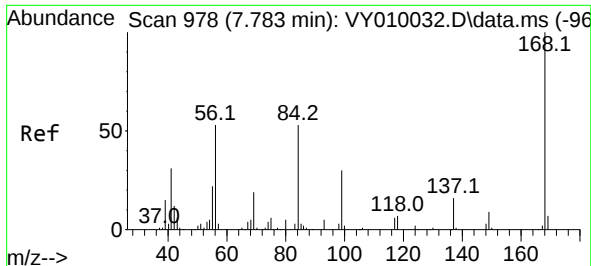
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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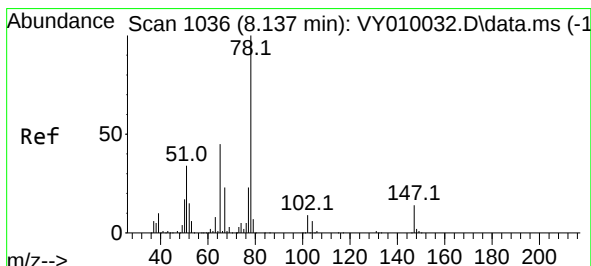
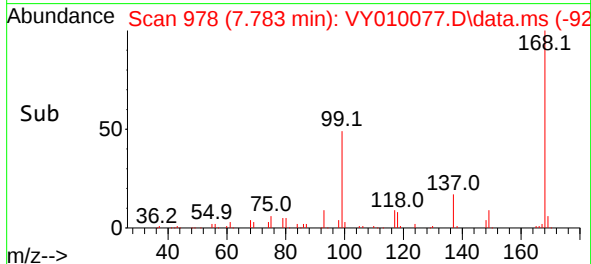
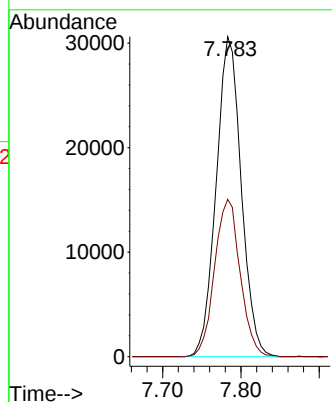
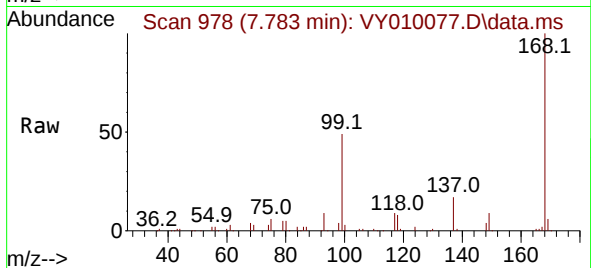




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

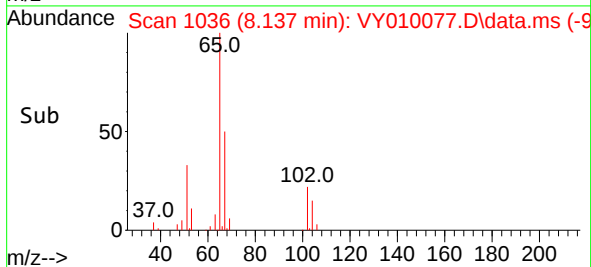
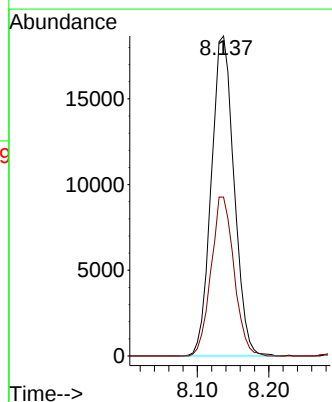
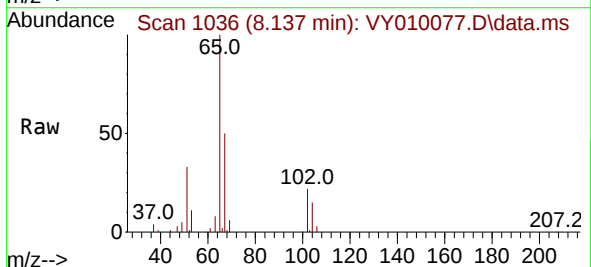
Instrument :
MSVOA_Y
ClientSampleId :
NJP7

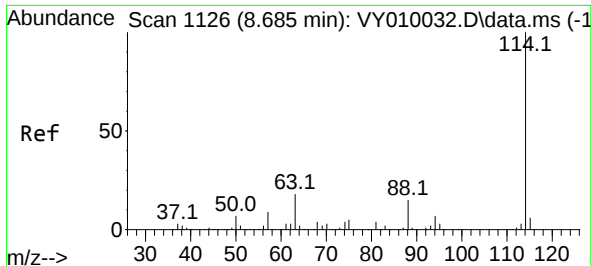
Tgt Ion:168 Resp: 68091
Ion Ratio Lower Upper
168 100
99 49.2 37.7 56.5



#33
1,2-Dichloroethane-d4
Concen: 60.592 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

Tgt Ion: 65 Resp: 41252
Ion Ratio Lower Upper
65 100
67 50.0 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: VY010077.D

Acq: 17 Aug 2022 18:35

Instrument :

MSVOA_Y

ClientSampleId :

NJP7

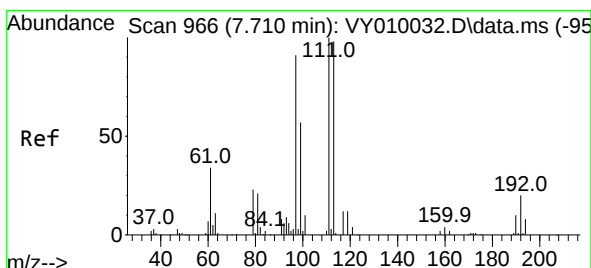
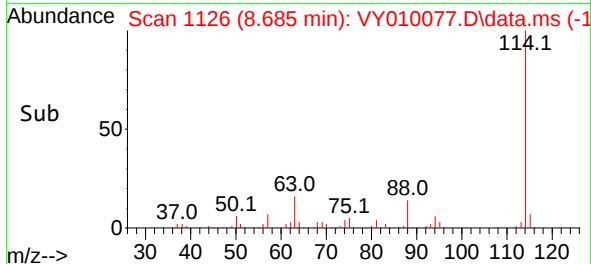
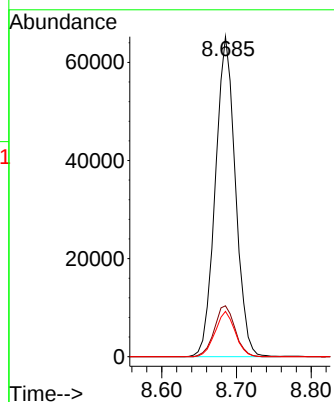
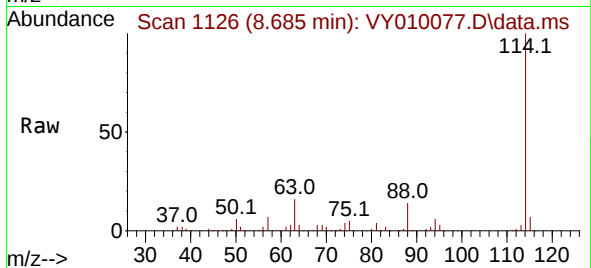
Tgt Ion:114 Resp: 121673

Ion Ratio Lower Upper

114 100

63 15.9 0.0 35.2

88 14.1 0.0 30.2



#35

Dibromofluoromethane

Concen: 49.295 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010077.D

Acq: 17 Aug 2022 18:35

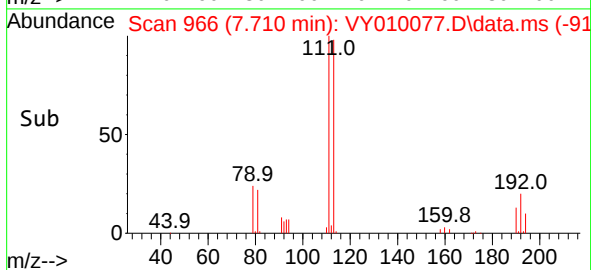
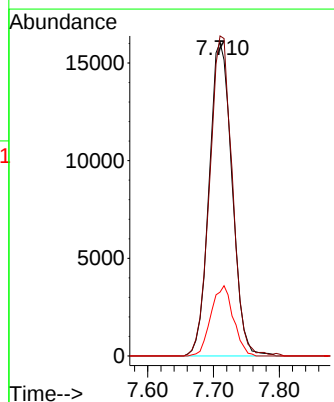
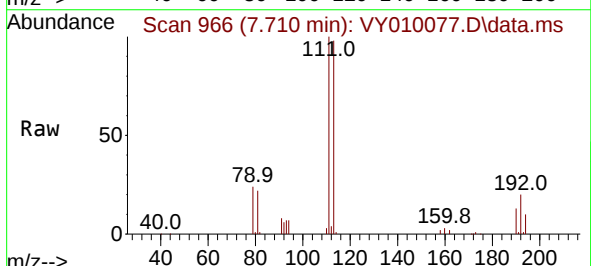
Tgt Ion:113 Resp: 38896

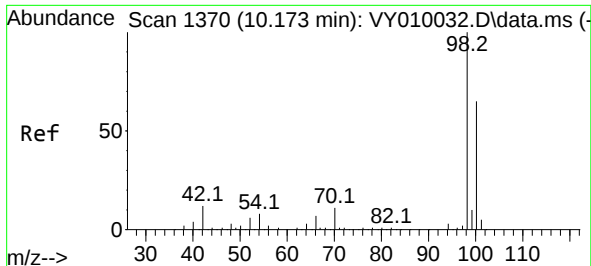
Ion Ratio Lower Upper

113 100

111 100.8 82.7 124.1

192 21.9 17.2 25.8

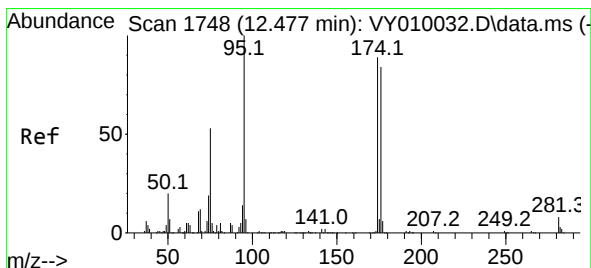
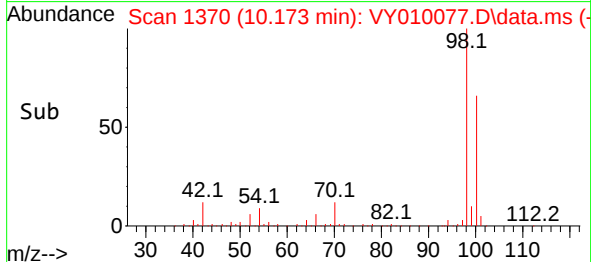
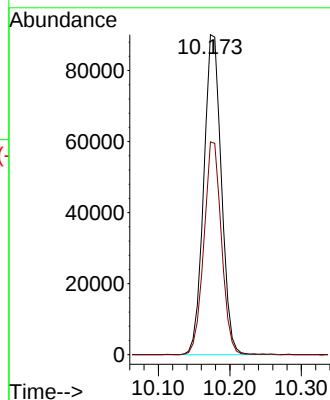
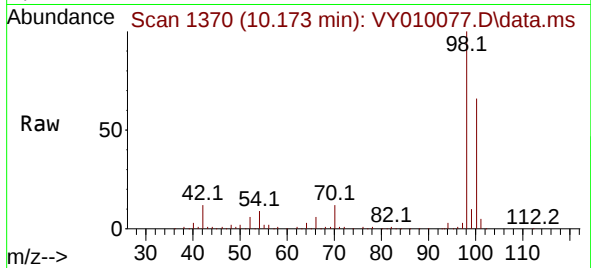




#50
Toluene-d8
Concen: 52.928 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

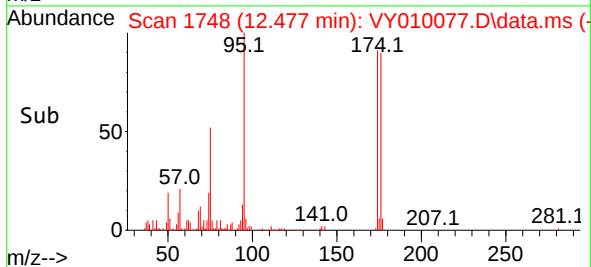
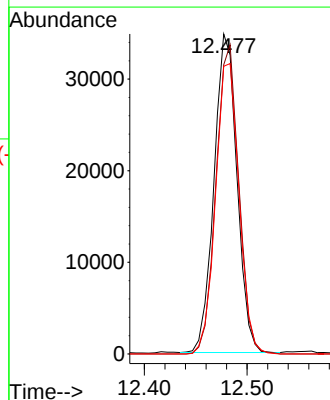
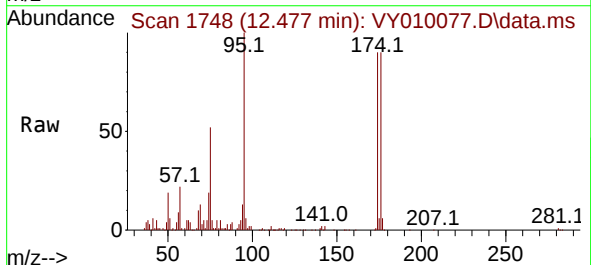
Instrument :
MSVOA_Y
ClientSampleId :
NJP7

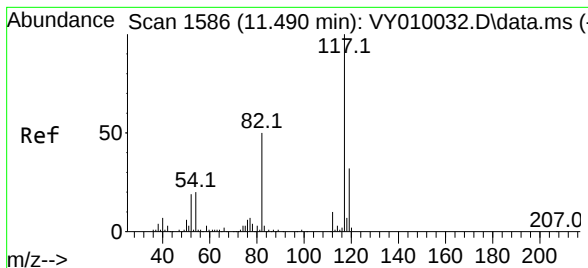
Tgt Ion: 98 Resp: 154511
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 52.452 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

Tgt Ion: 95 Resp: 53782
Ion Ratio Lower Upper
95 100
174 96.5 0.0 184.2
176 93.4 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: VY010077.D

Acq: 17 Aug 2022 18:35

Instrument :

MSVOA_Y

ClientSampleId :

NJP7

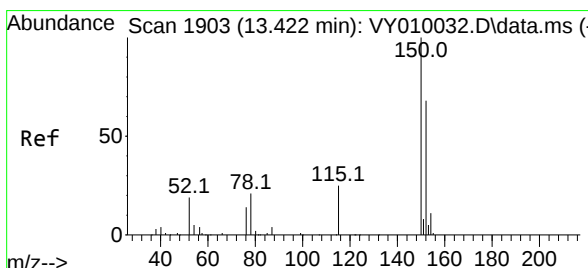
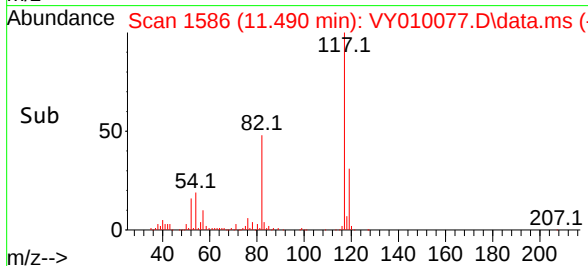
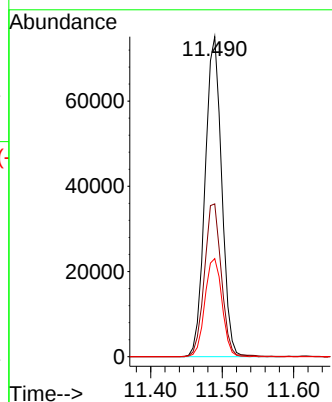
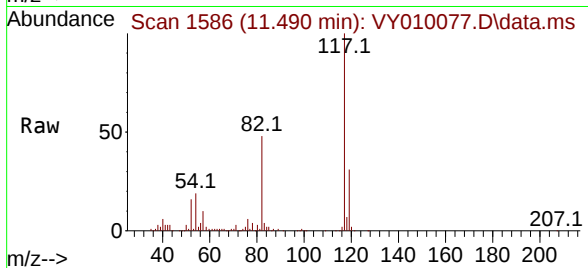
Tgt Ion:117 Resp: 121026

Ion Ratio Lower Upper

117 100

82 47.8 39.8 59.6

119 30.7 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: VY010077.D

Acq: 17 Aug 2022 18:35

Tgt Ion:152 Resp: 62874

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.3

150 159.0 0.0 346.6

