

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
 Data File : VY011717.D
 Acq On : 06 Dec 2022 14:40
 Operator : KP/MD
 Sample : N5885-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-04-120522

Quant Time: Dec 06 23:45:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	38066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	62761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	58395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22641	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	24382	63.081	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.160%
35) Dibromofluoromethane	7.716	113	22750	58.884	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.760%
50) Toluene-d8	10.179	98	75762	53.963	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.920%
62) 4-Bromofluorobenzene	12.483	95	21369	41.166	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.340%

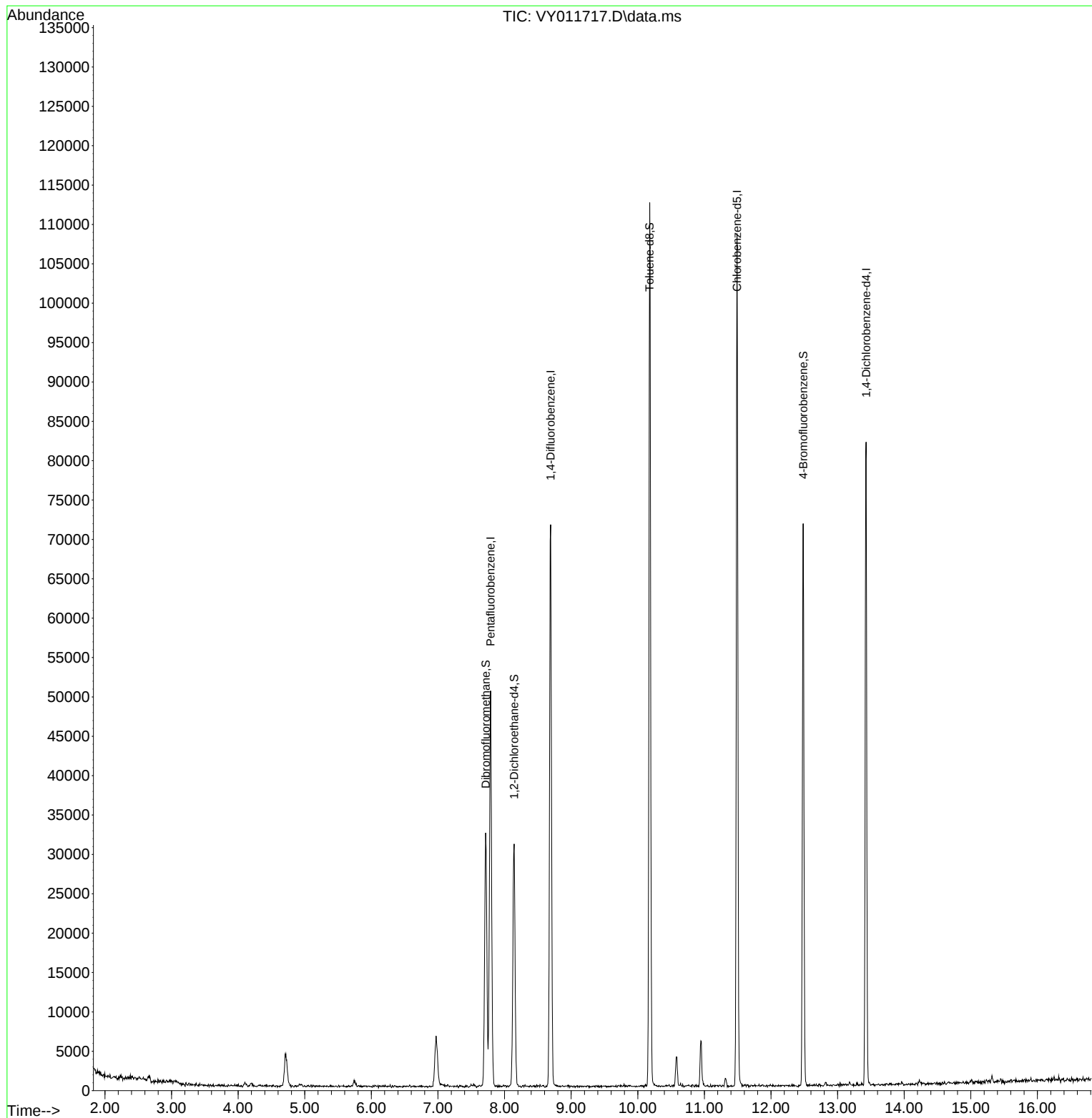
Target Compounds	Qvalue

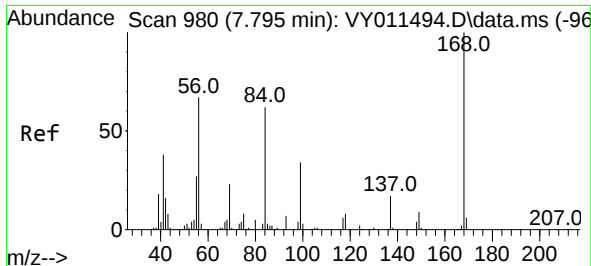
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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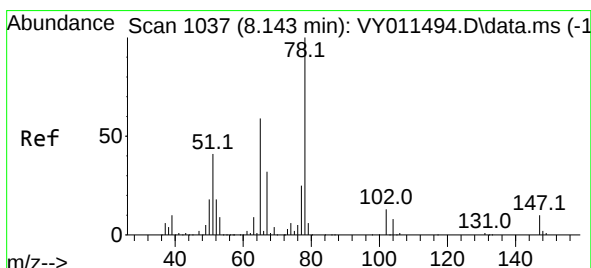
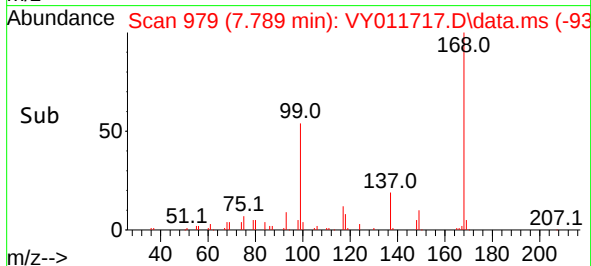
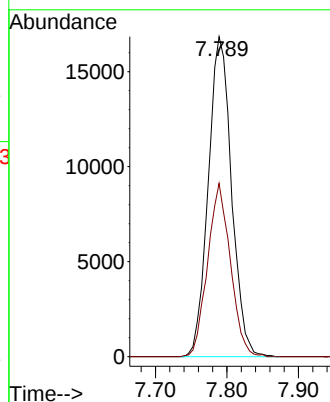
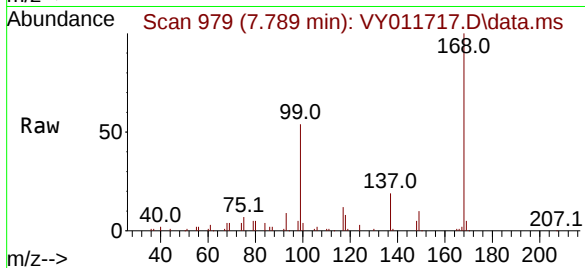




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011717.D
Acq: 06 Dec 2022 14:40

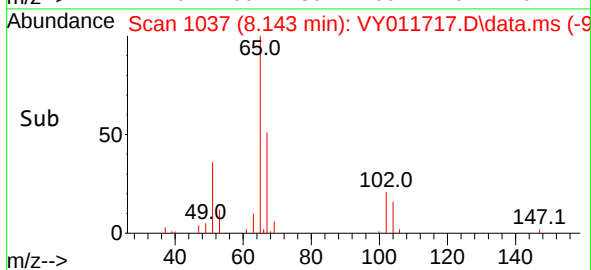
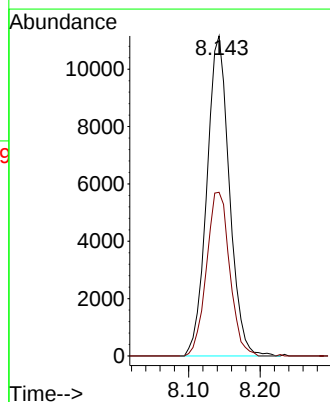
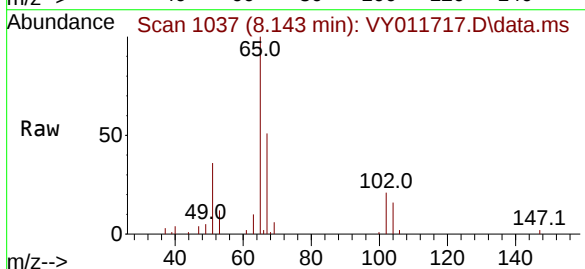
Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

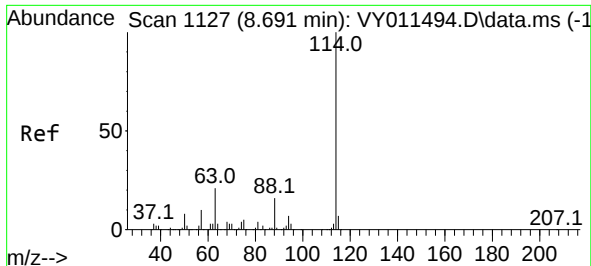
Tgt Ion:168 Resp: 38066
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.081 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011717.D
Acq: 06 Dec 2022 14:40

Tgt Ion: 65 Resp: 24382
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011717.D

Acq: 06 Dec 2022 14:40

Instrument :

MSVOA_Y

ClientSampleId :

JC-04-120522

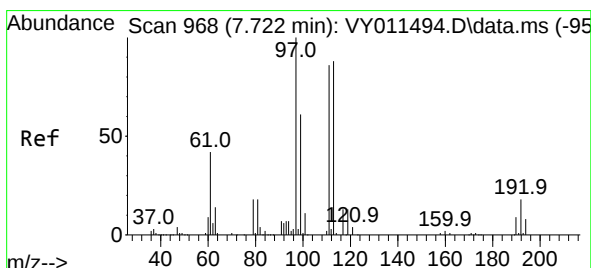
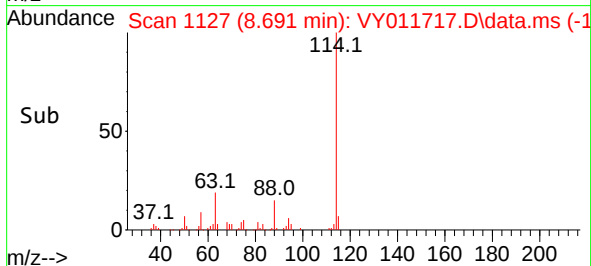
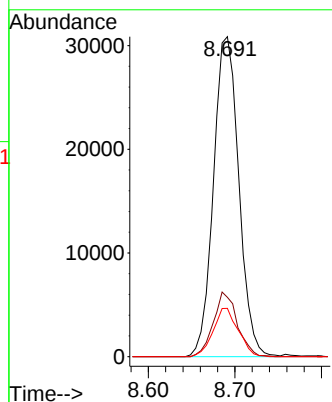
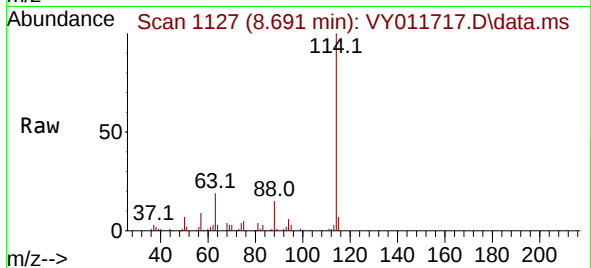
Tgt Ion:114 Resp: 62761

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.884 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011717.D

Acq: 06 Dec 2022 14:40

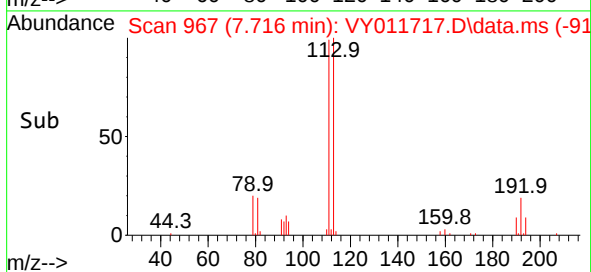
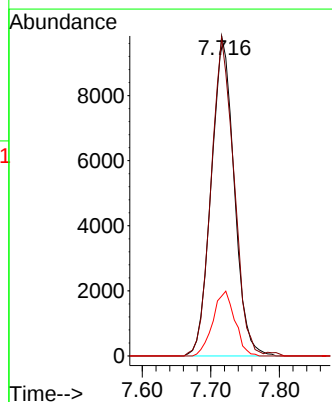
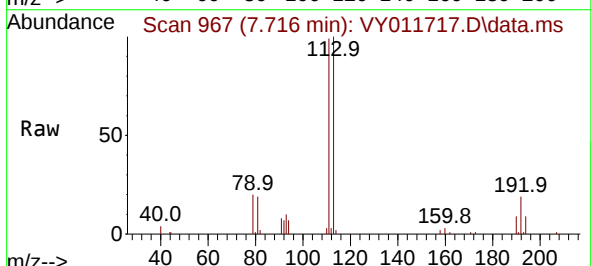
Tgt Ion:113 Resp: 22750

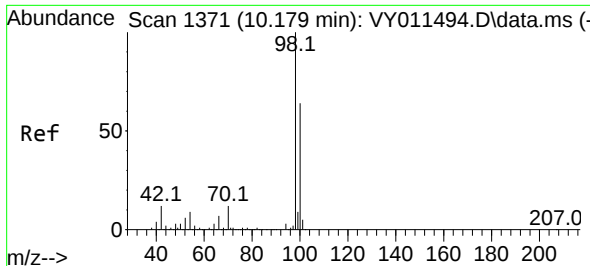
Ion Ratio Lower Upper

113 100

111 99.5 82.6 124.0

192 19.5 17.6 26.4

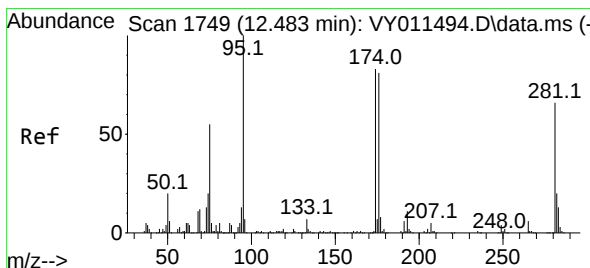
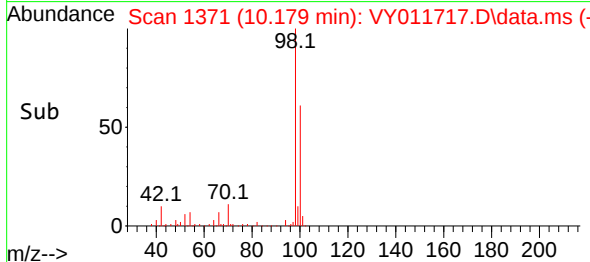
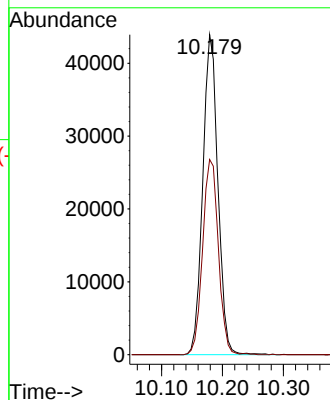
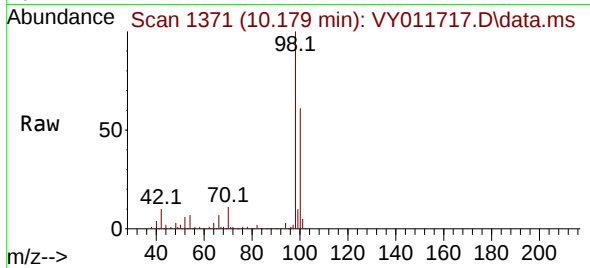




#50
Toluene-d8
Concen: 53.963 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011717.D
Acq: 06 Dec 2022 14:40

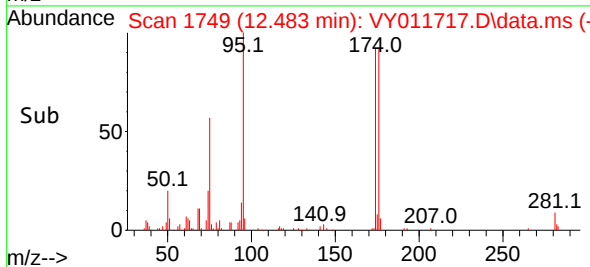
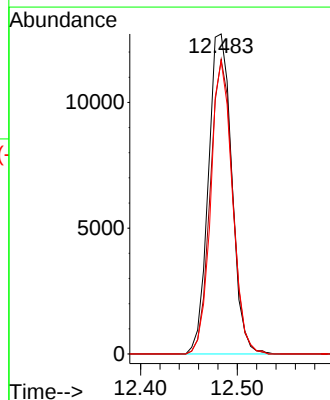
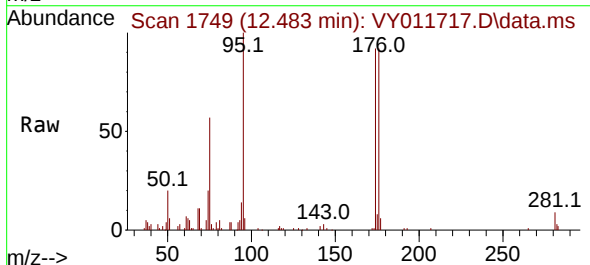
Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

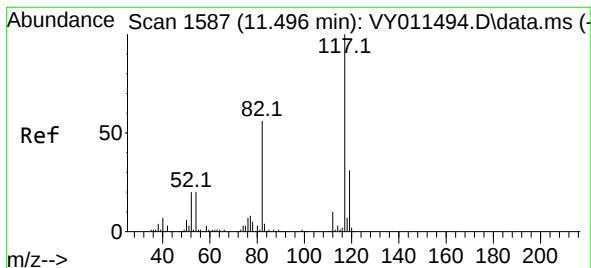
Tgt Ion: 98 Resp: 75762
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.166 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011717.D
Acq: 06 Dec 2022 14:40

Tgt Ion: 95 Resp: 21369
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 84.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011717.D

Acq: 06 Dec 2022 14:40

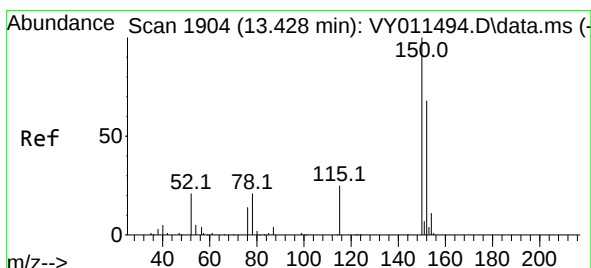
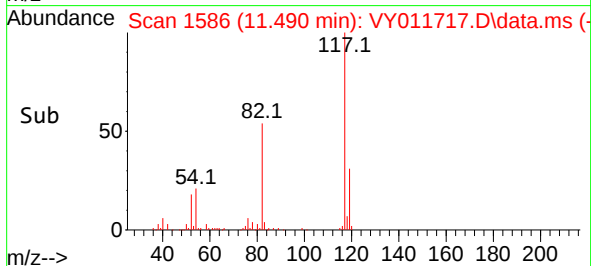
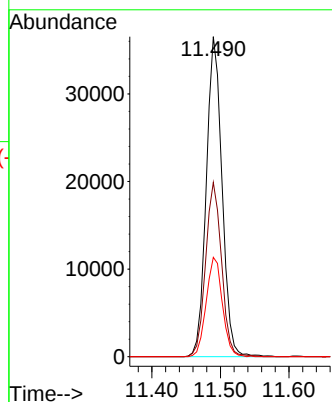
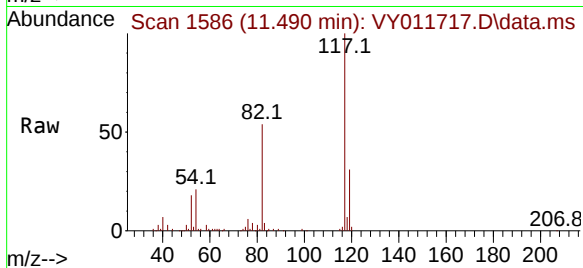
Instrument :

MSVOA_Y

ClientSampleId :

JC-04-120522

Tgt Ion:117	Resp:	58395
Ion	Ratio	Lower Upper
117	100	
82	54.5	43.0 64.4
119	31.0	25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011717.D

Acq: 06 Dec 2022 14:40

Tgt Ion:152	Resp:	22641
Ion	Ratio	Lower Upper
152	100	
115	55.8	28.2 84.7
150	156.0	0.0 347.6

