

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
 Data File : VY011718.D
 Acq On : 06 Dec 2022 15:12
 Operator : KP/MD
 Sample : N5885-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-04-120522

Quant Time: Dec 06 23:45:48 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	195478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	354817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	334214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130369	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	130022	65.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.020%
35) Dibromofluoromethane	7.716	113	116511	53.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.680%
50) Toluene-d8	10.179	98	429413	54.101	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.200%
62) 4-Bromofluorobenzene	12.483	95	130211	44.370	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.740%

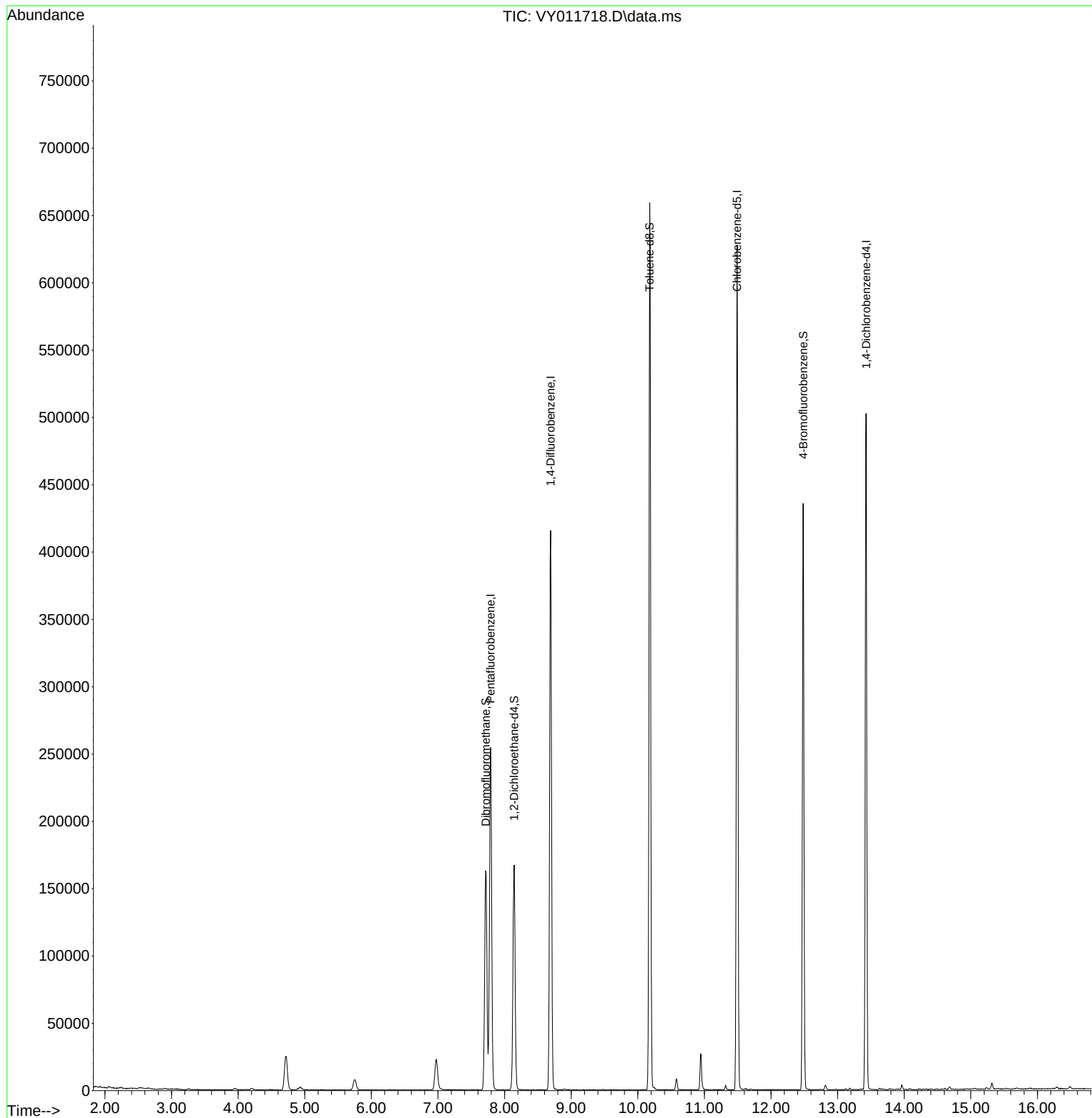
Target Compounds	Qvalue

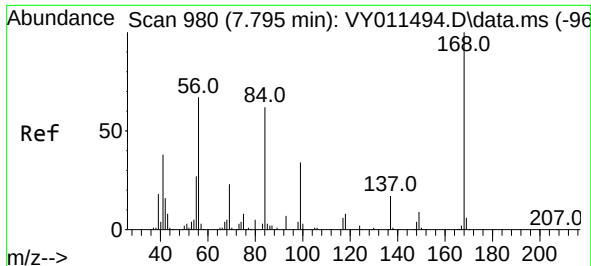
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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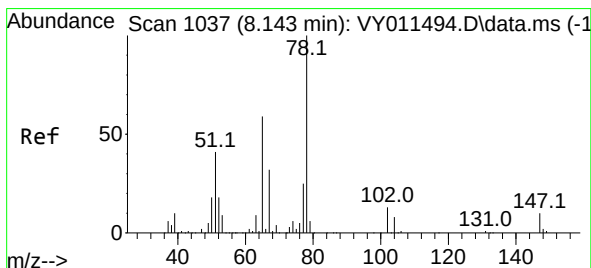
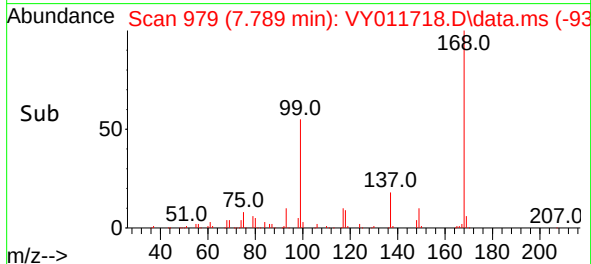
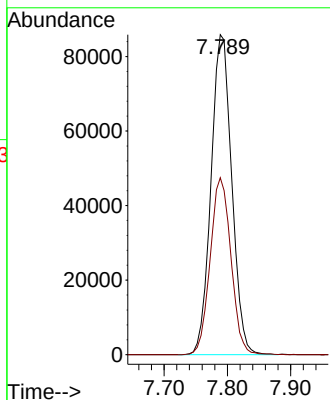
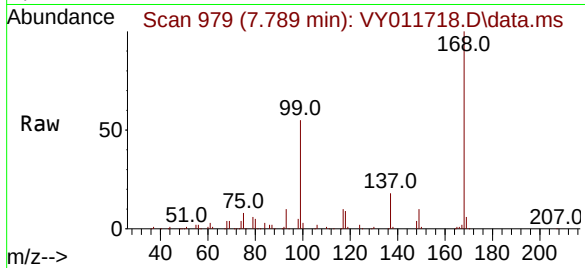




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

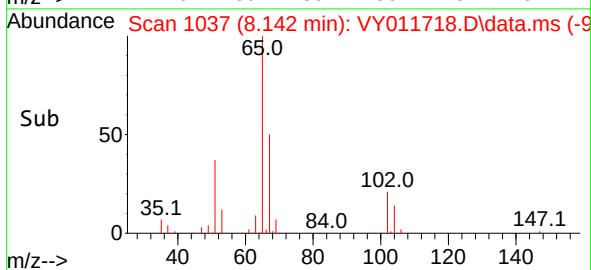
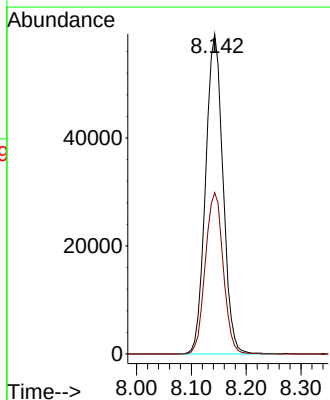
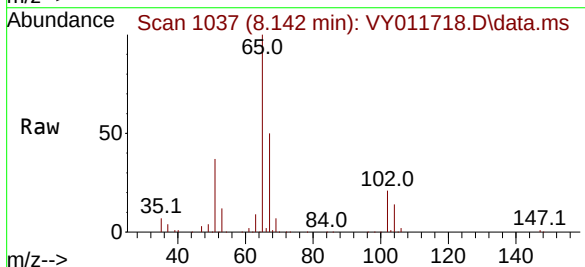
Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

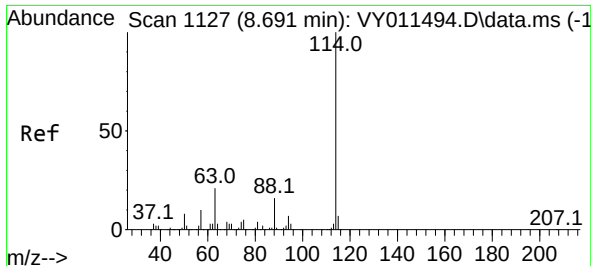
Tgt Ion:168 Resp: 195478
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.506 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

Tgt Ion: 65 Resp: 130022
Ion Ratio Lower Upper
65 100
67 51.9 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: VY011718.D

Acq: 06 Dec 2022 15:12

Instrument :

MSVOA_Y

ClientSampleId :

JC-04-120522

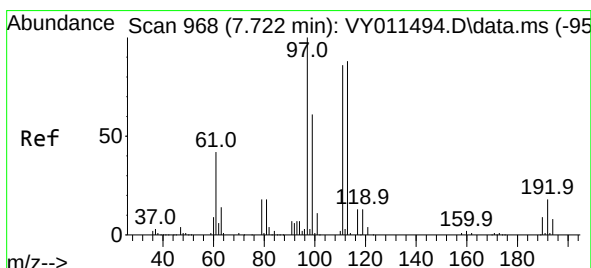
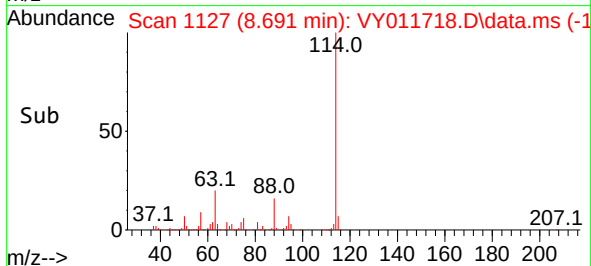
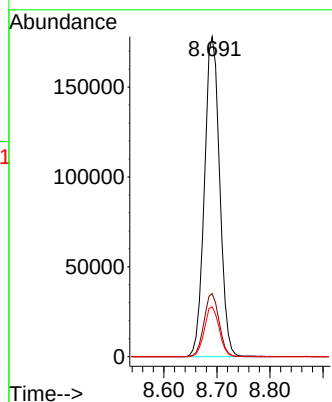
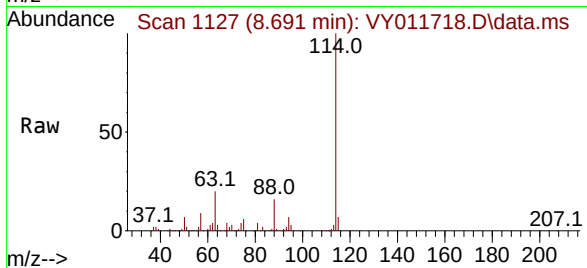
Tgt Ion:114 Resp: 354817

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.342 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011718.D

Acq: 06 Dec 2022 15:12

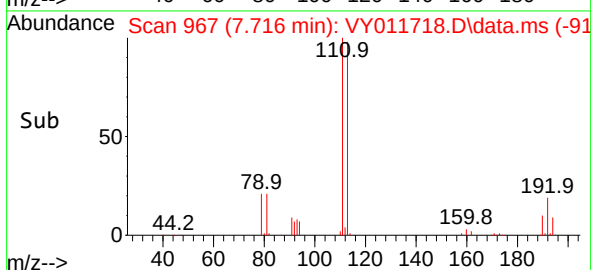
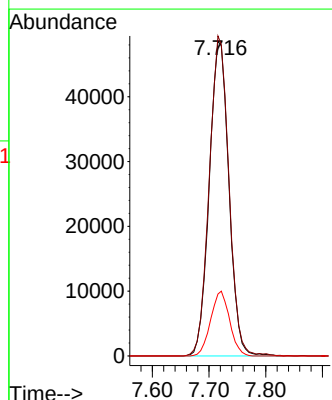
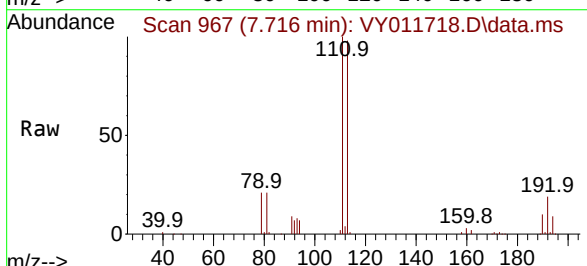
Tgt Ion:113 Resp: 116511

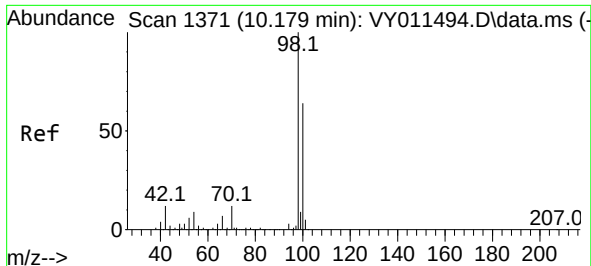
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 19.9 17.6 26.4

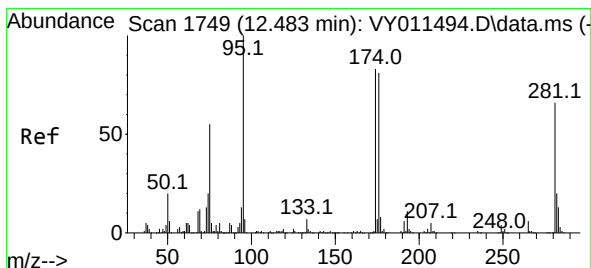
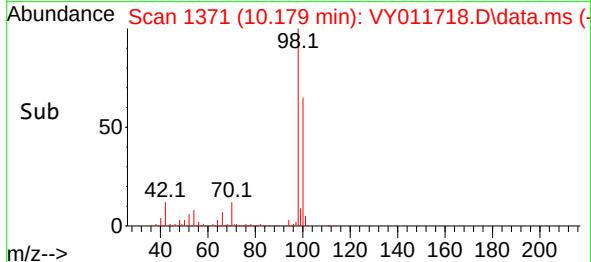
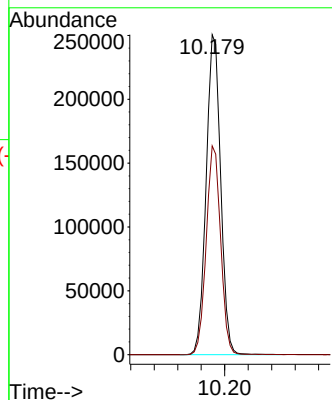
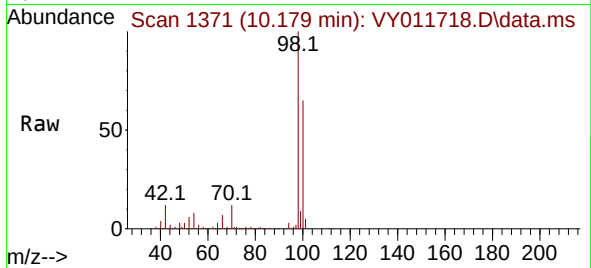




#50
Toluene-d8
Concen: 54.101 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

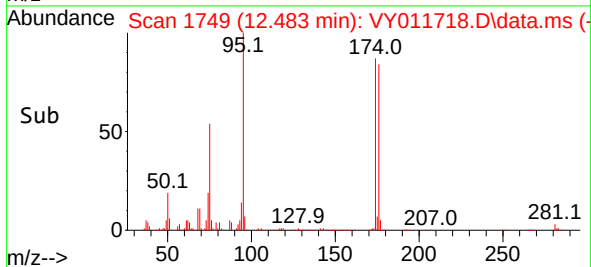
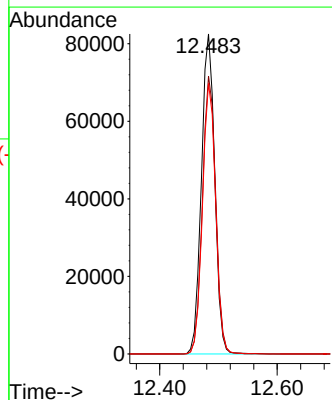
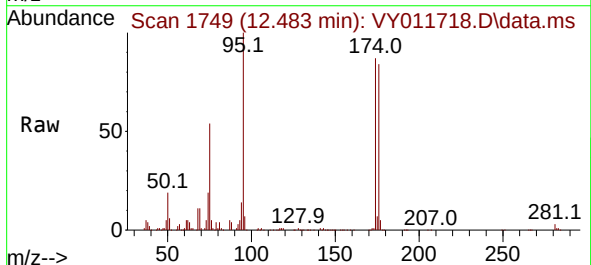
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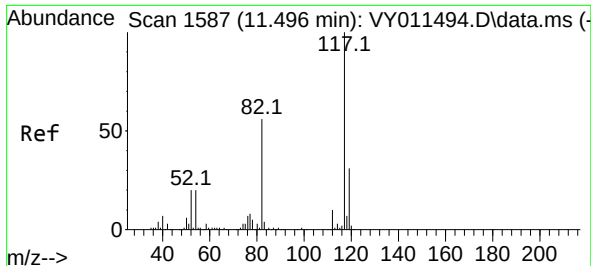
Tgt Ion: 98 Resp: 429413
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.370 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

Tgt Ion: 95 Resp: 130211
Ion Ratio Lower Upper
95 100
174 86.9 0.0 177.0
176 83.5 0.0 175.8

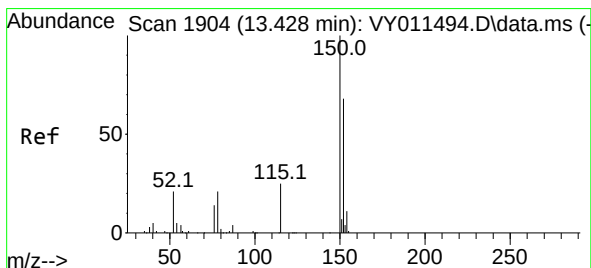
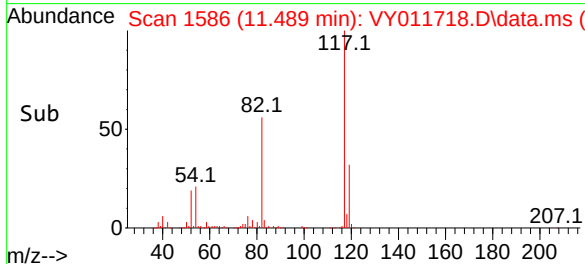
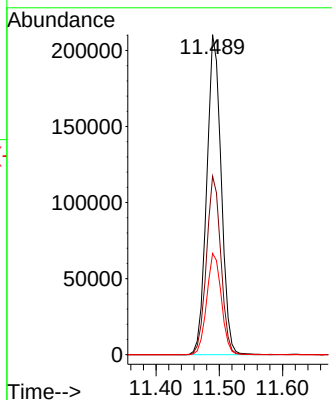
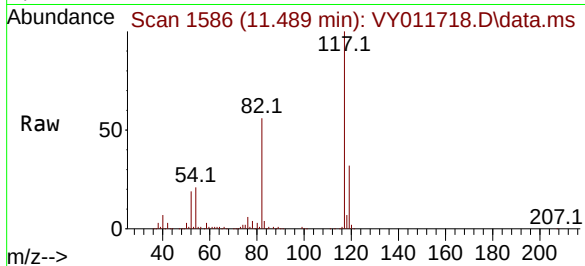




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

Tgt Ion:117 Resp: 334214
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 31.7 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: VY011718.D
Acq: 06 Dec 2022 15:12

Tgt Ion:152 Resp: 130369
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 158.2 0.0 347.6

