

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008349.D
 Acq On : 15 Apr 2022 14:28
 Operator : KP/MD
 Sample : N2392-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-212

Quant Time: Apr 16 04:58:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	95816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	163318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70356	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52974	58.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.720%
35) Dibromofluoromethane	7.722	113	53533	54.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.620%
50) Toluene-d8	10.179	98	208195	61.731	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	123.460%
62) 4-Bromofluorobenzene	12.483	95	67825	53.468	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.940%

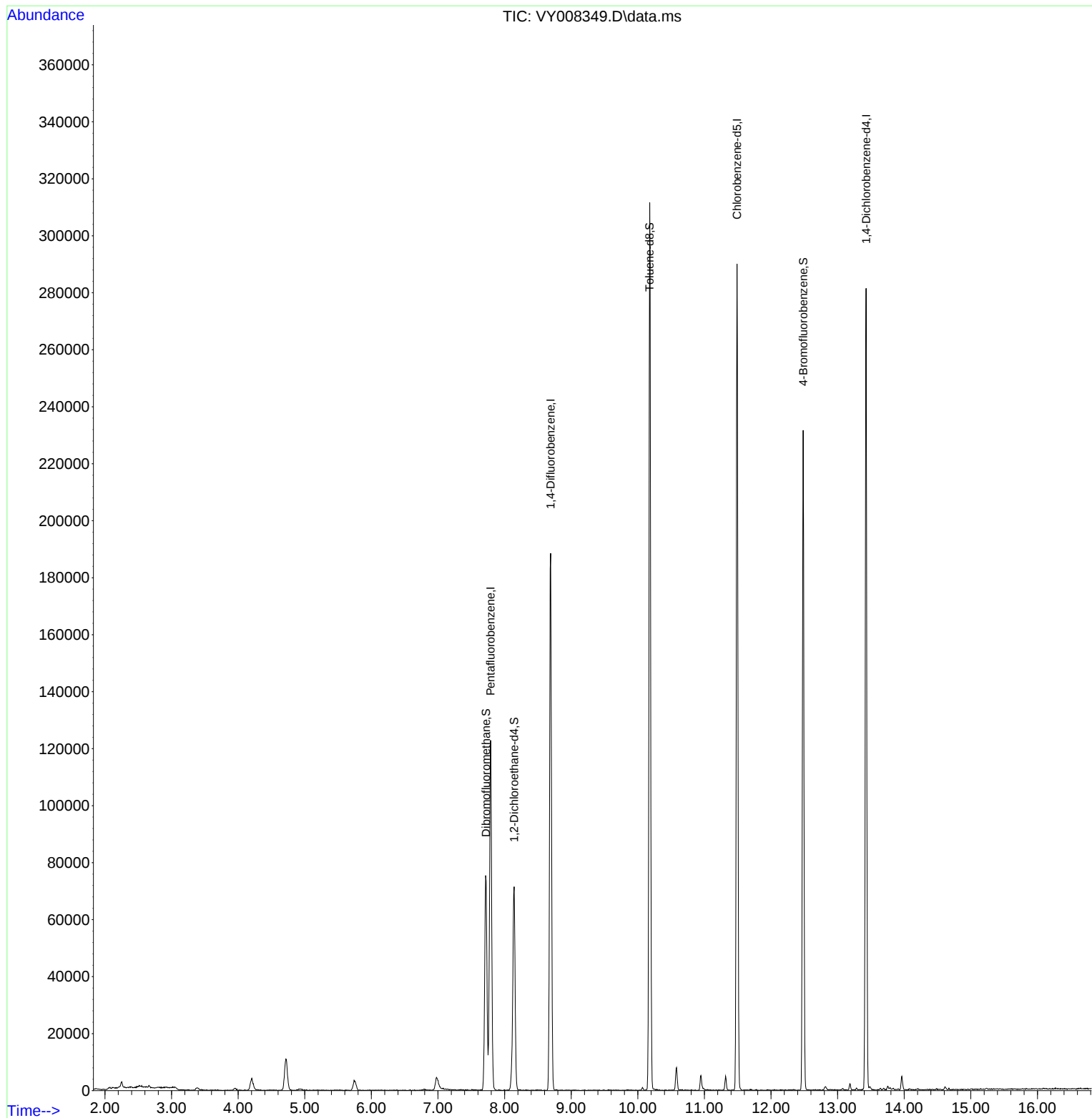
Target Compounds	Qvalue

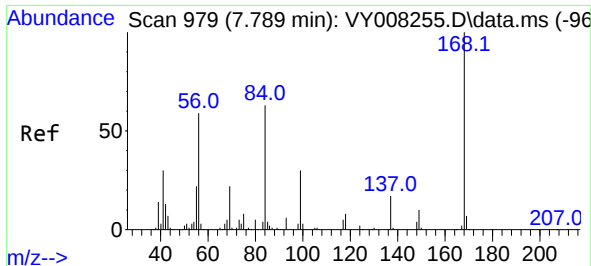
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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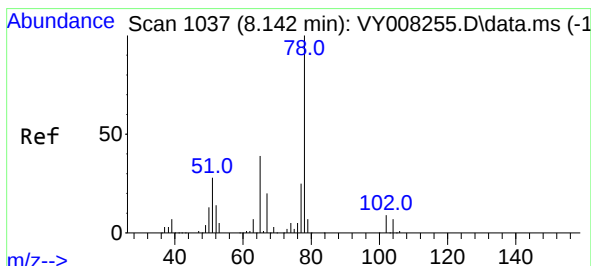
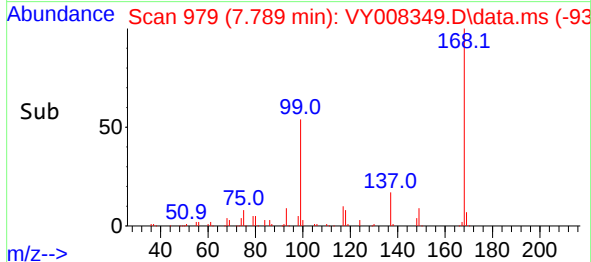
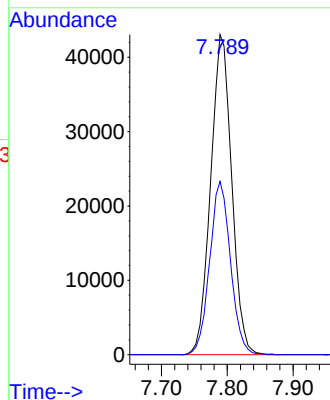
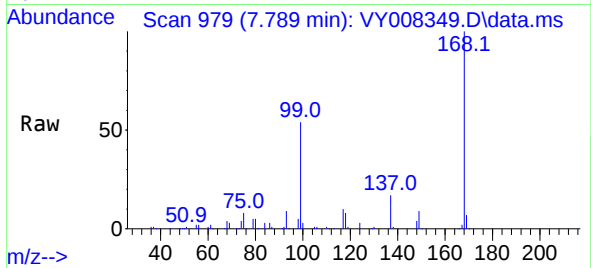




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008349.D
Acq: 15 Apr 2022 14:28

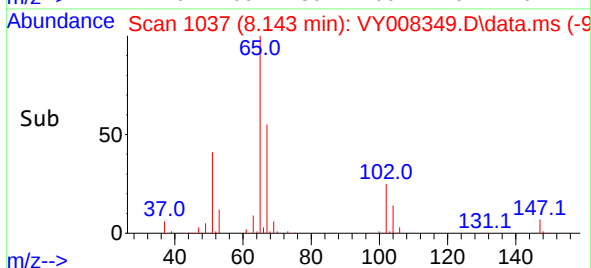
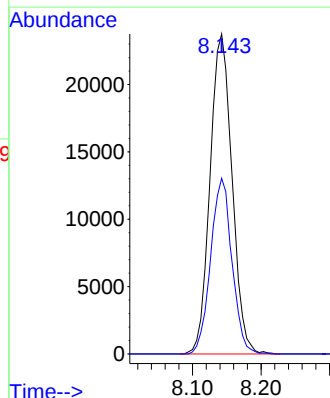
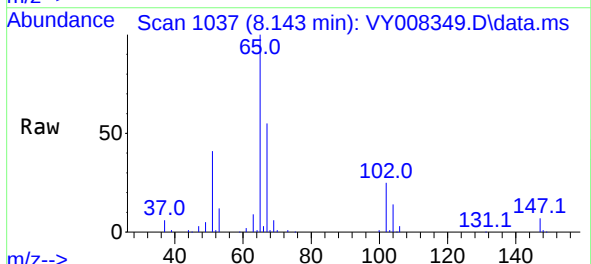
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

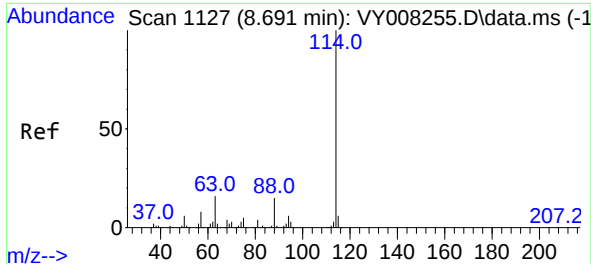
Tgt Ion:168 Resp: 95816
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.859 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008349.D
Acq: 15 Apr 2022 14:28

Tgt Ion: 65 Resp: 52974
Ion Ratio Lower Upper
65 100
67 53.2 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: VY008349.D

Acq: 15 Apr 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-212

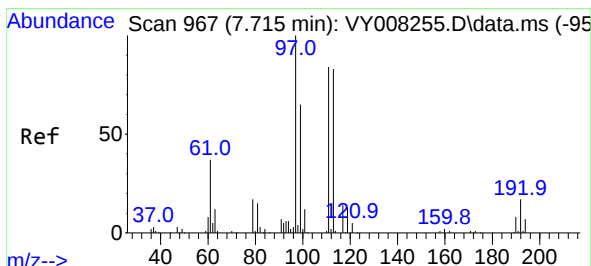
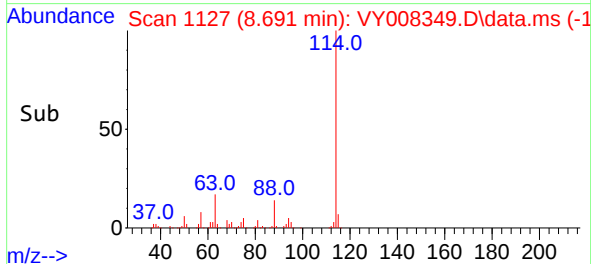
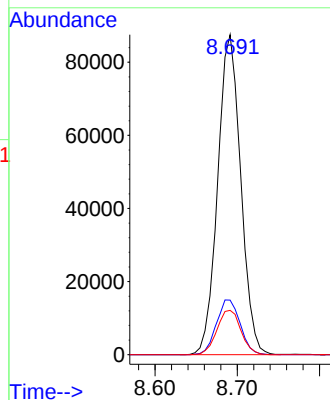
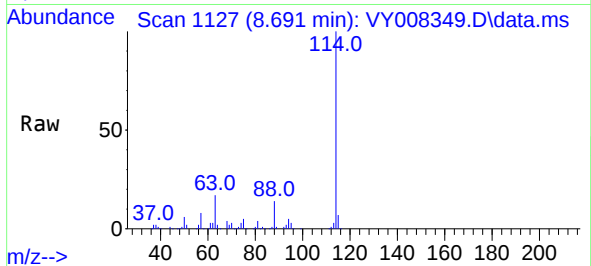
Tgt Ion:114 Resp: 170646

Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.314 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.007 min

Lab File: VY008349.D

Acq: 15 Apr 2022 14:28

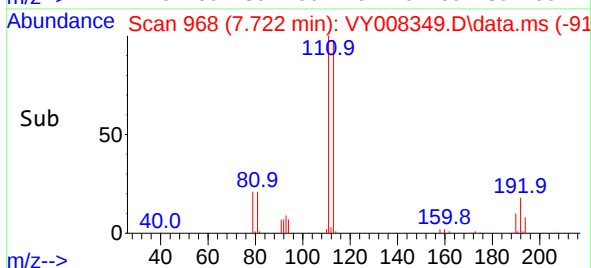
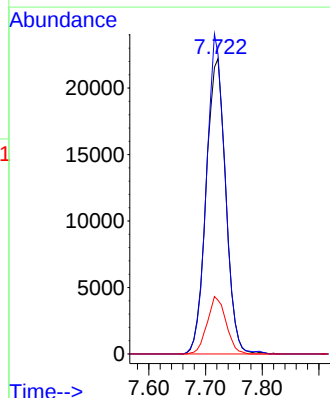
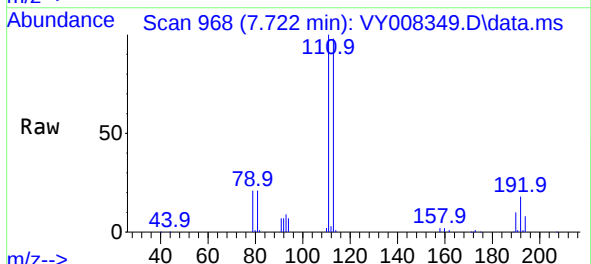
Tgt Ion:113 Resp: 53533

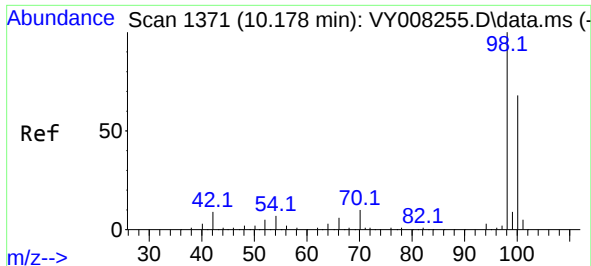
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 18.6 17.6 26.4

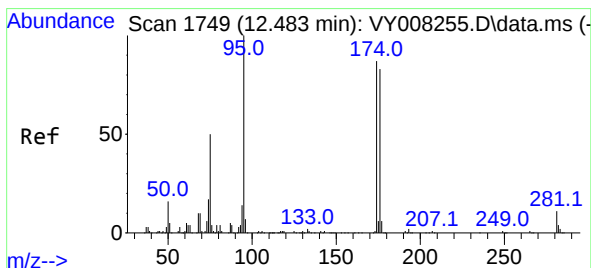
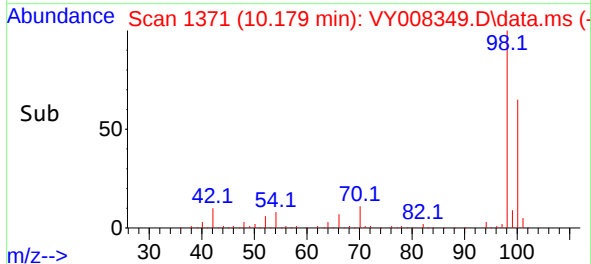
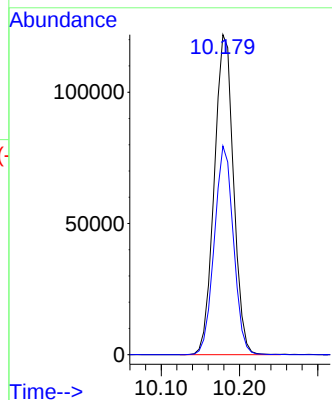
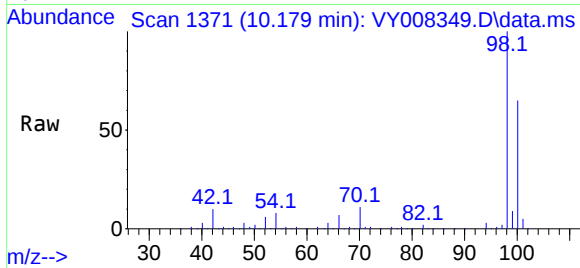




#50
Toluene-d8
Concen: 61.731 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008349.D
Acq: 15 Apr 2022 14:28

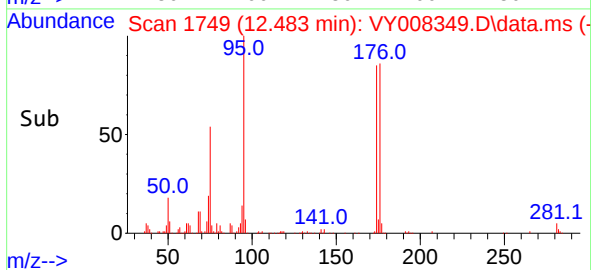
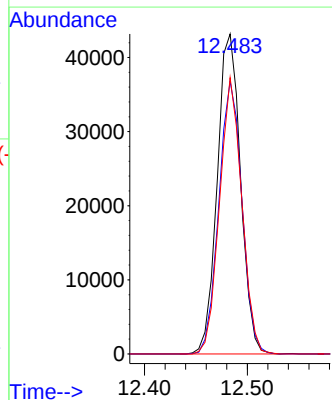
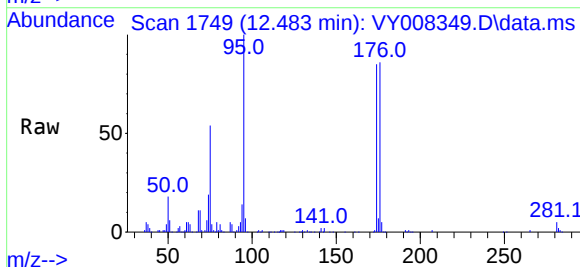
Instrument :
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VNJ-212

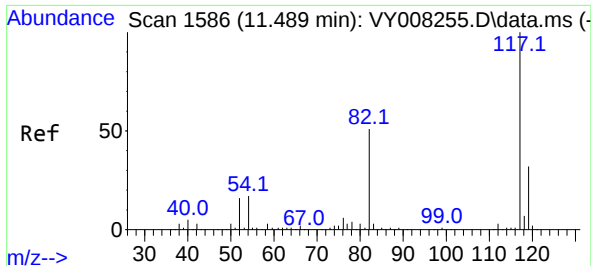
Tgt Ion: 98 Resp: 208195
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.468 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008349.D
Acq: 15 Apr 2022 14:28

Tgt Ion: 95 Resp: 67825
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 82.4 0.0 175.8

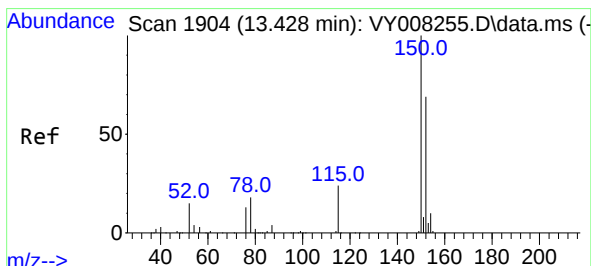
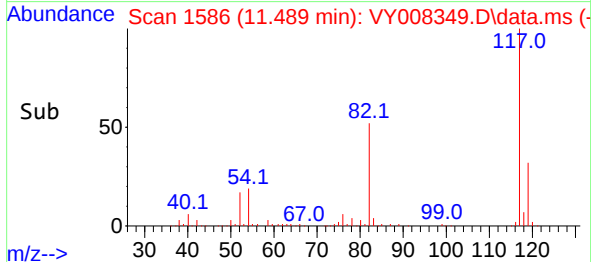
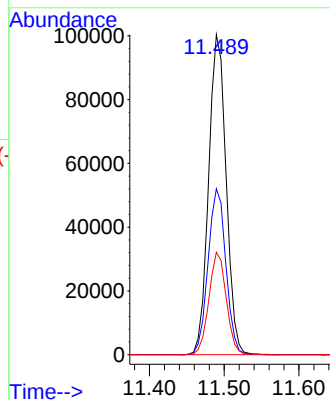
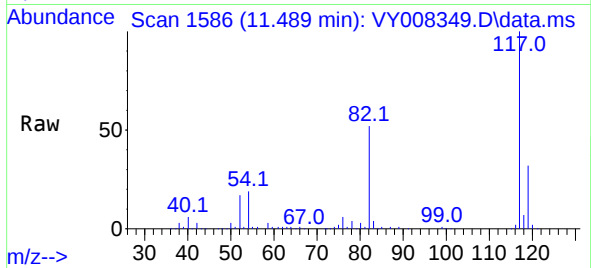




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008349.D
Acq: 15 Apr 2022 14:28

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion:117 Resp: 163318
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 32.0 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: VY008349.D
Acq: 15 Apr 2022 14:28

Tgt Ion:152 Resp: 70356
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 158.9 0.0 347.6

