

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070366.D
 Acq On : 29 Dec 2021 23:56
 Operator : JC/MD
 Sample : VN1229WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBL02

Quant Time: Dec 30 01:54:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	883636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1502979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1327948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	416295	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	662847	52.172	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.340%
35) Dibromofluoromethane	8.024	113	468933	51.566	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.140%
50) Toluene-d8	10.443	98	1766162	47.543	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.080%
62) 4-Bromofluorobenzene	12.731	95	595050	44.349	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.700%

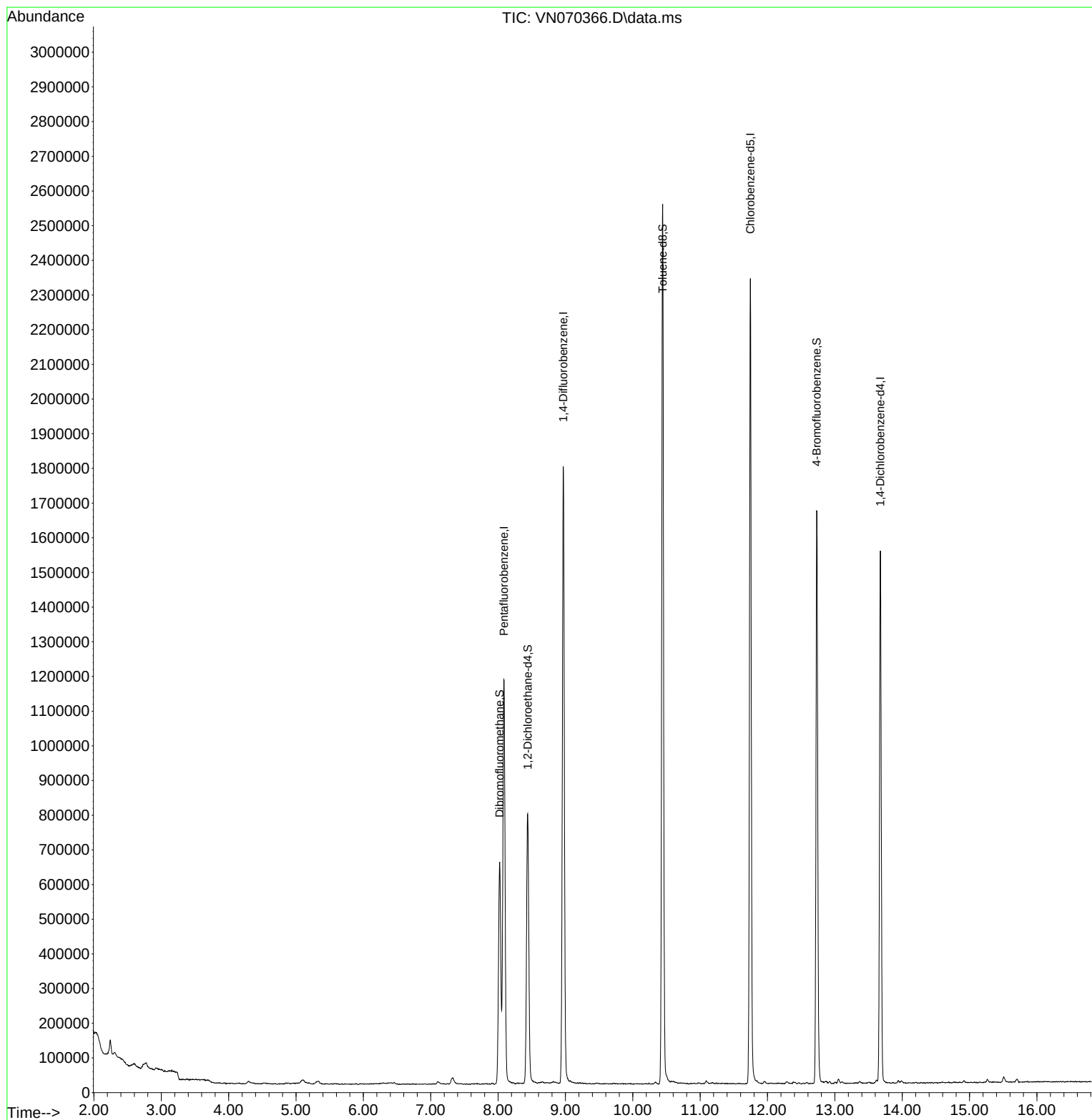
Target Compounds	Qvalue

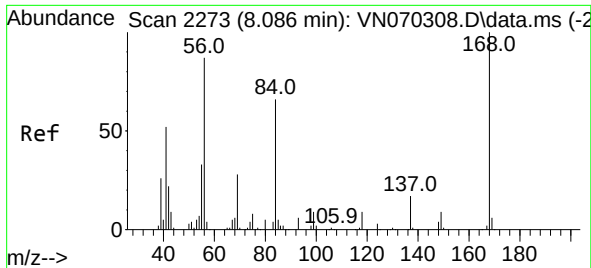
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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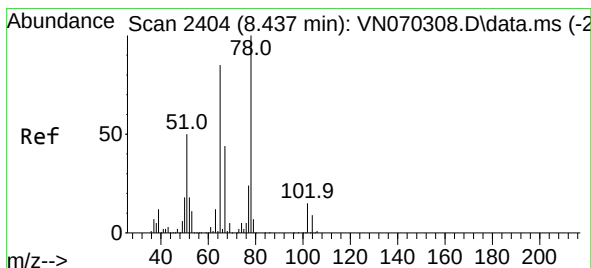
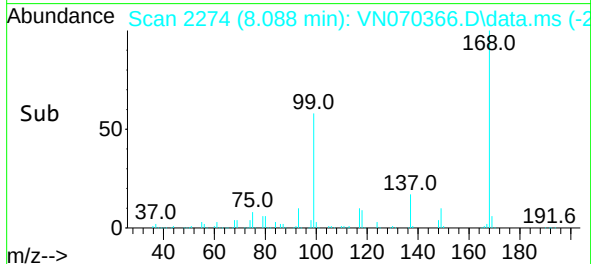
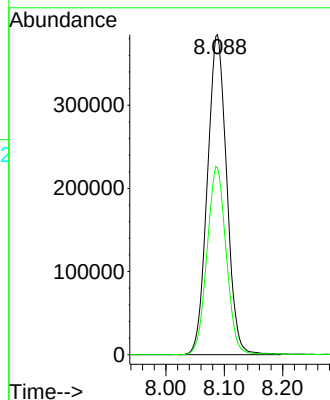
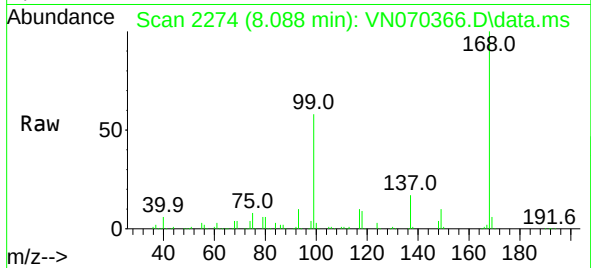




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

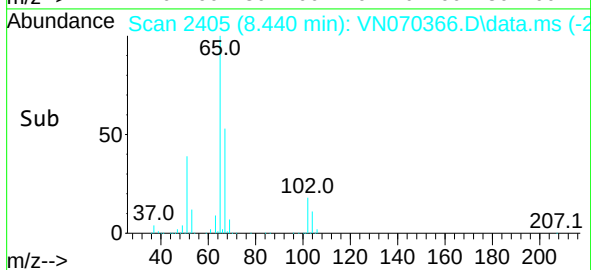
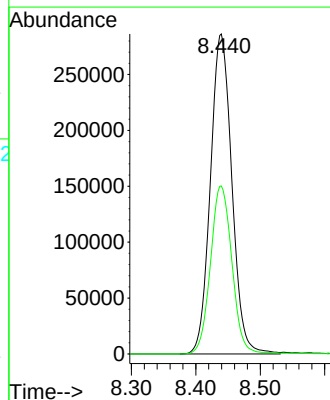
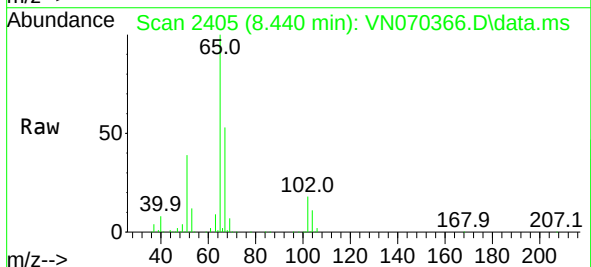
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBL02

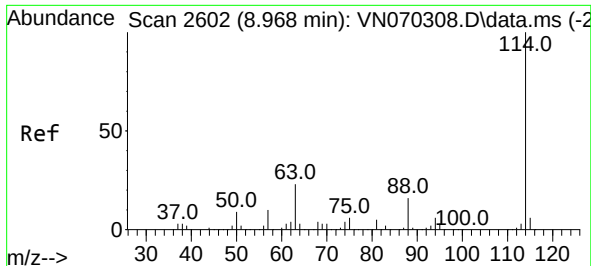
Tgt Ion:168 Resp: 883636
Ion Ratio Lower Upper
168 100
99 58.5 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 52.172 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

Tgt Ion: 65 Resp: 662847
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070366.D

Acq: 29 Dec 2021 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBL02

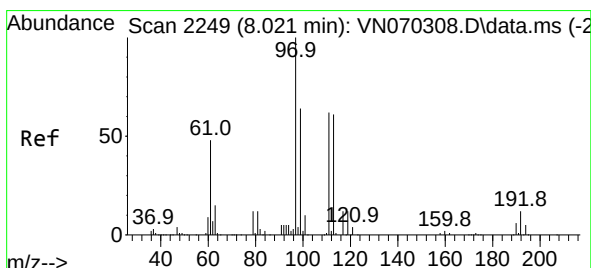
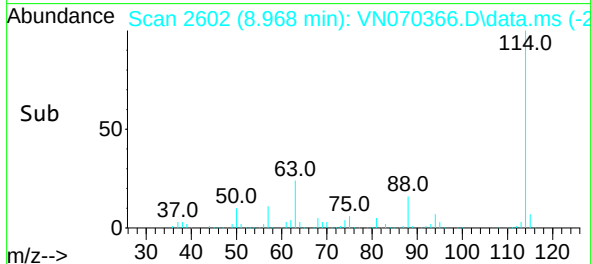
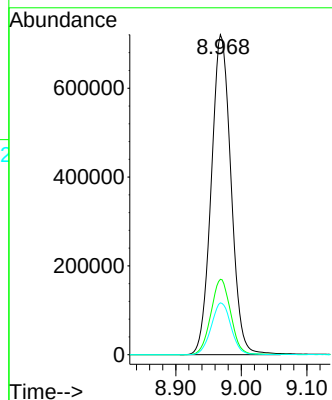
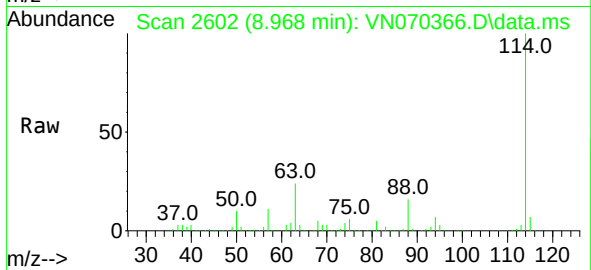
Tgt Ion:114 Resp: 1502979

Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.2 0.0 27.4



#35

Dibromofluoromethane

Concen: 51.566 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.003 min

Lab File: VN070366.D

Acq: 29 Dec 2021 23:56

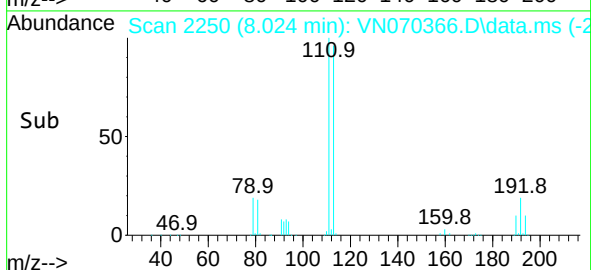
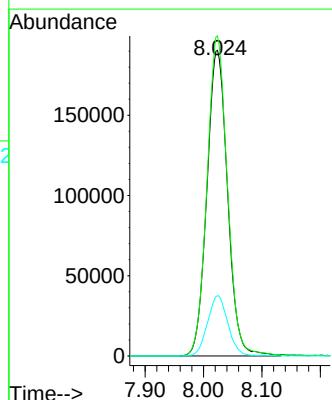
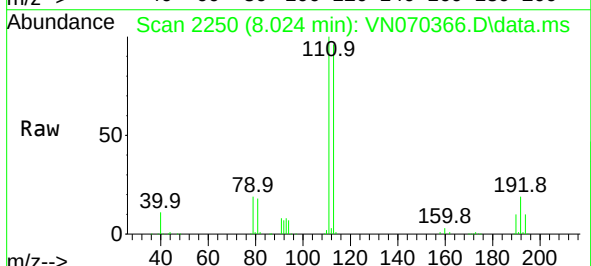
Tgt Ion:113 Resp: 468933

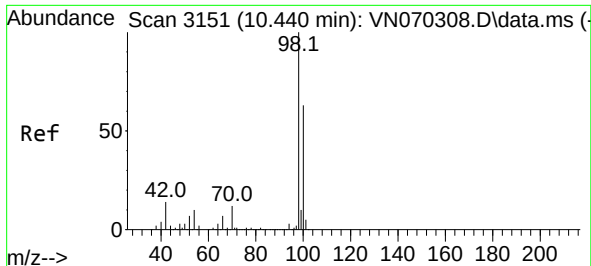
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.2

192 19.4 16.9 25.3

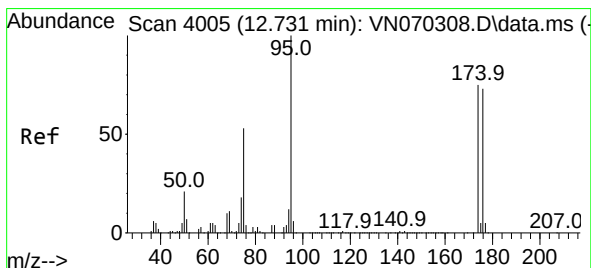
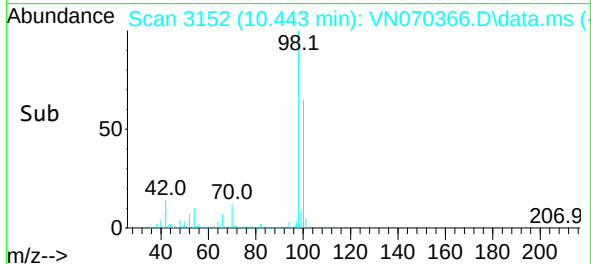
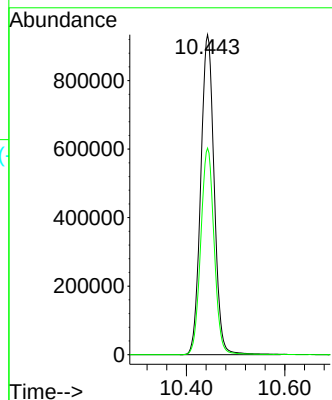
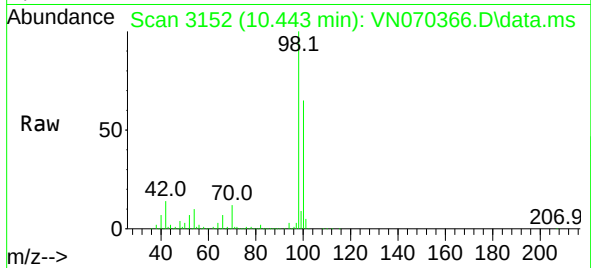




#50
Toluene-d8
Concen: 47.543 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

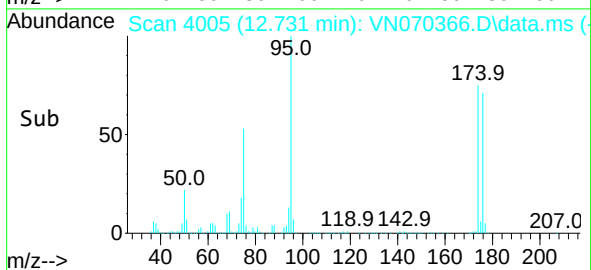
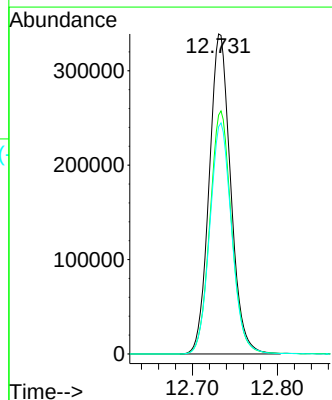
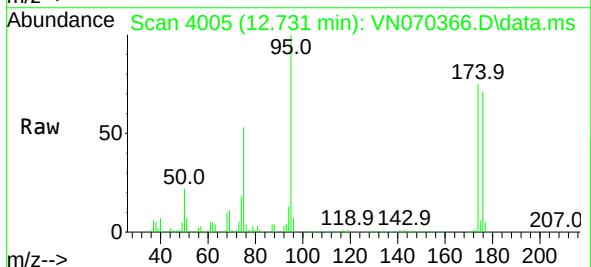
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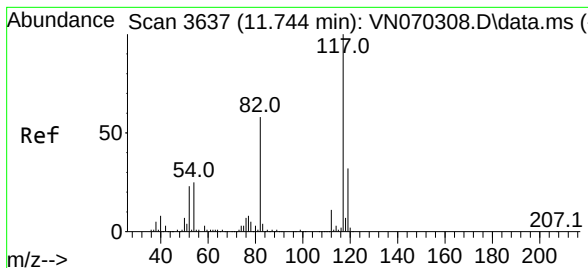
Tgt Ion: 98 Resp: 1766162
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 44.349 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

Tgt Ion: 95 Resp: 595050
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 73.5 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.746 min Scan# 3

Delta R.T. 0.002 min

Lab File: VN070366.D

Acq: 29 Dec 2021 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBL02

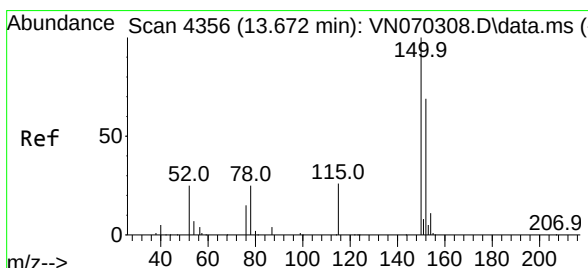
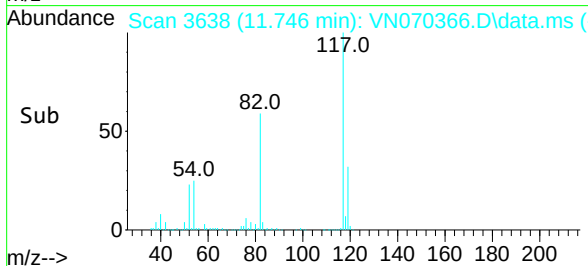
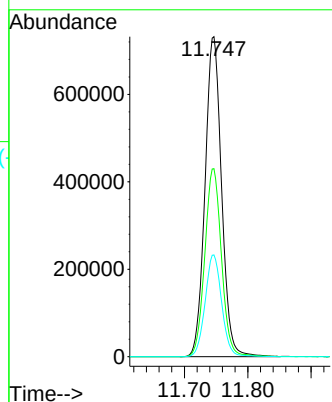
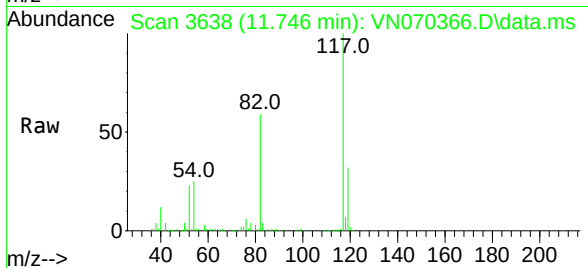
Tgt Ion:117 Resp: 1327948

Ion Ratio Lower Upper

117 100

82 58.8 42.4 63.6

119 31.8 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. 0.003 min

Lab File: VN070366.D

Acq: 29 Dec 2021 23:56

Tgt Ion:152 Resp: 416295

Ion Ratio Lower Upper

152 100

115 61.3 27.5 82.5

150 157.3 0.0 344.4

