

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070129.D
 Acq On : 16 Dec 2021 11:23
 Operator : JC/MD
 Sample : VN1216WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBL01

Quant Time: Dec 16 15:45:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	972632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1661929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1458935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	493930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	865646	57.643	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	115.280%
35) Dibromofluoromethane	8.024	113	566547	54.424	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.840%
50) Toluene-d8	10.443	98	2133818	51.049	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.100%
62) 4-Bromofluorobenzene	12.731	95	668675	44.157	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.320%

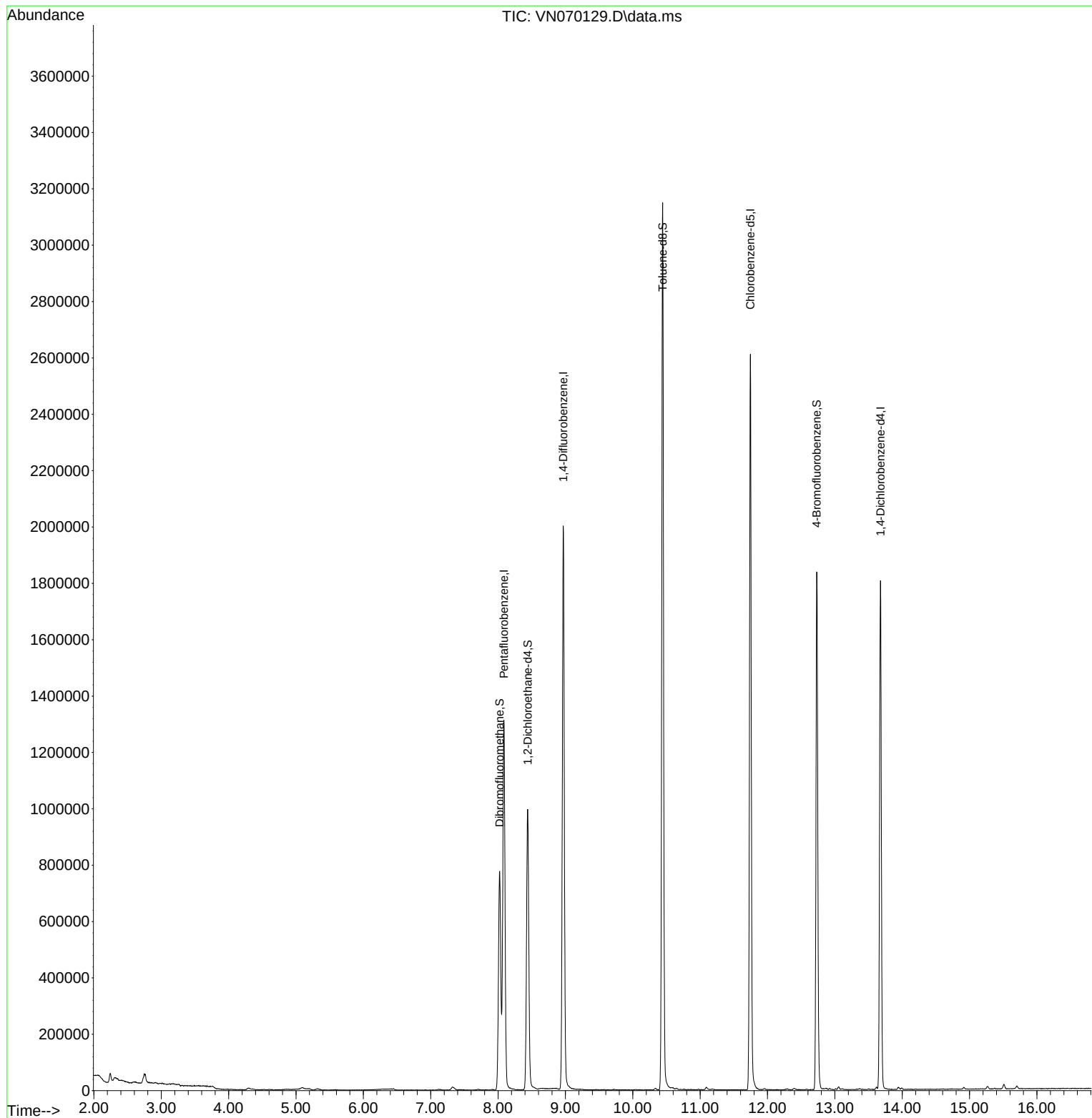
Target Compounds	Qvalue

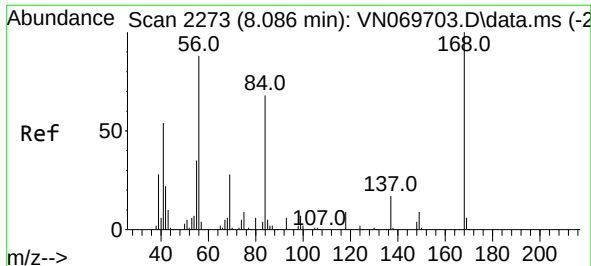
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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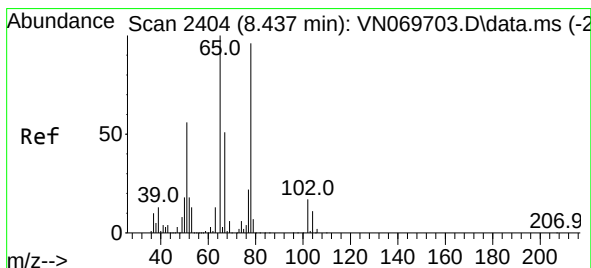
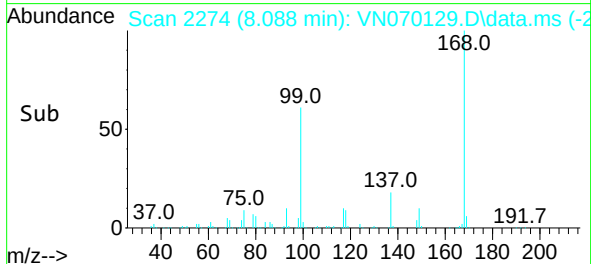
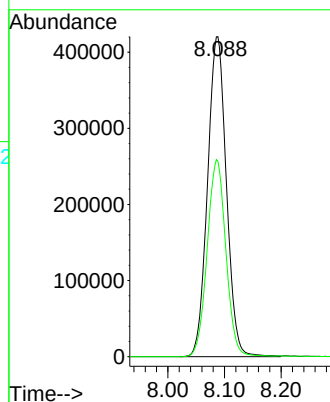
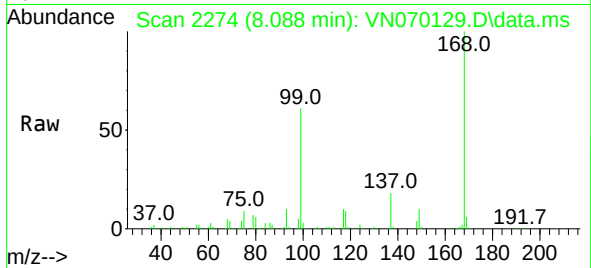




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070129.D
Acq: 16 Dec 2021 11:23

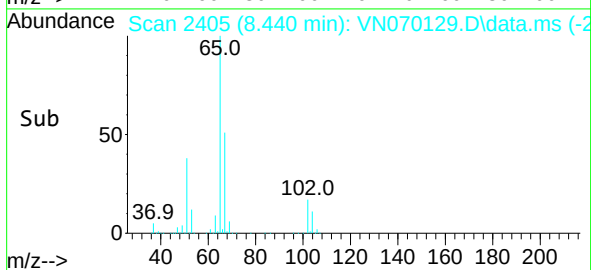
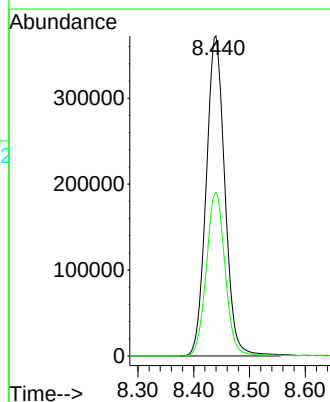
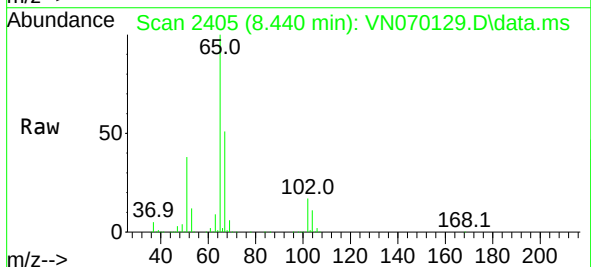
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBL01

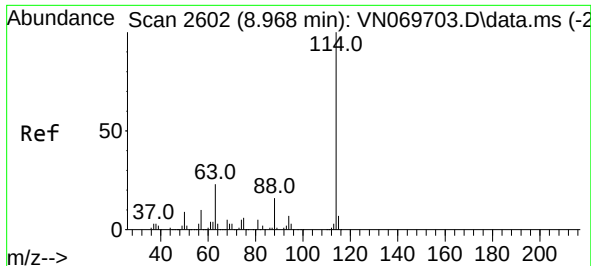
Tgt Ion:168 Resp: 972632
Ion Ratio Lower Upper
168 100
99 61.1 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 57.643 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070129.D
Acq: 16 Dec 2021 11:23

Tgt Ion: 65 Resp: 865646
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0

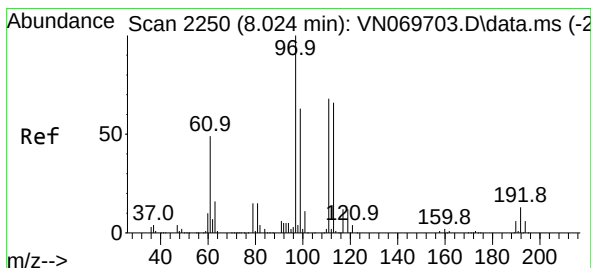
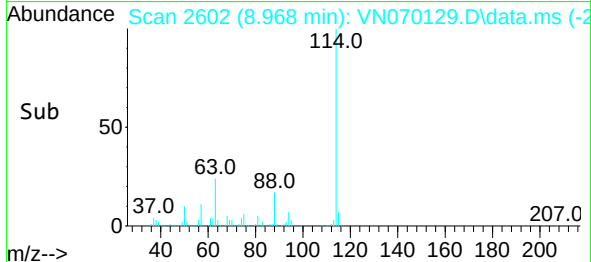
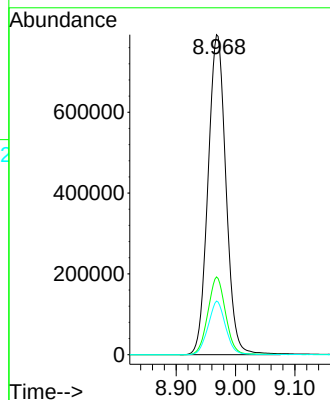
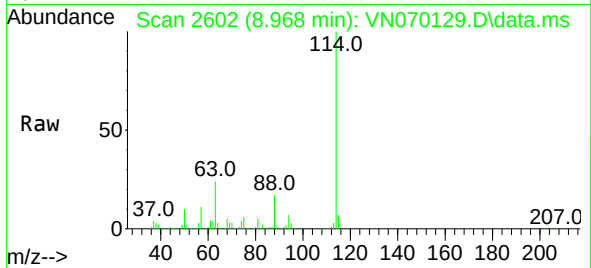




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070129.D
Acq: 16 Dec 2021 11:23

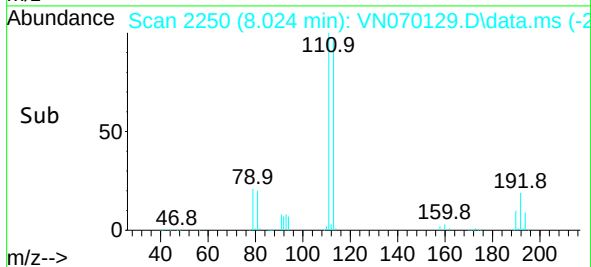
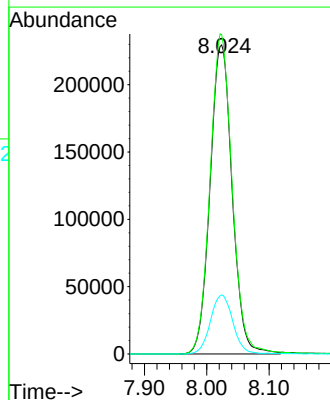
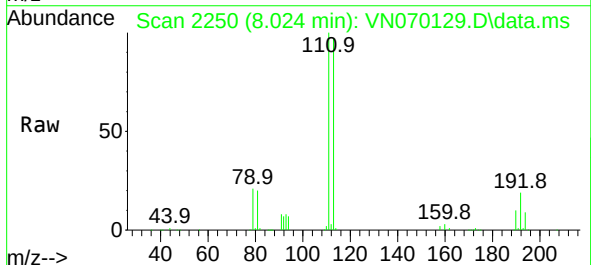
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBL01

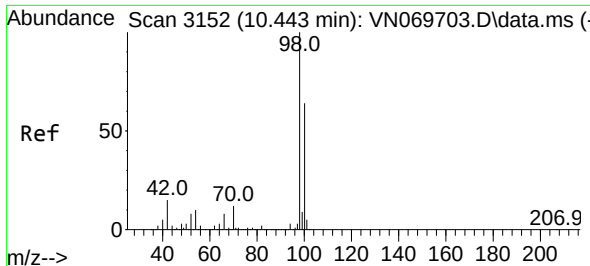
Tgt Ion:114 Resp: 1661929
Ion Ratio Lower Upper
114 100
63 24.3 0.0 37.8
88 16.8 0.0 27.4



#35
Dibromofluoromethane
Concen: 54.424 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070129.D
Acq: 16 Dec 2021 11:23

Tgt Ion:113 Resp: 566547
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 19.3 16.9 25.3

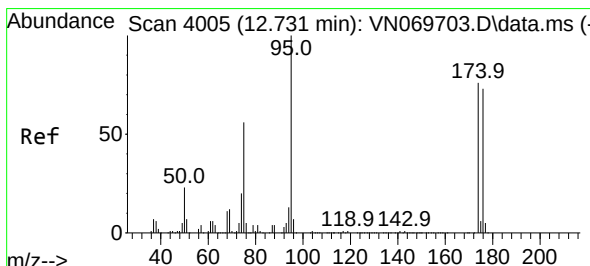
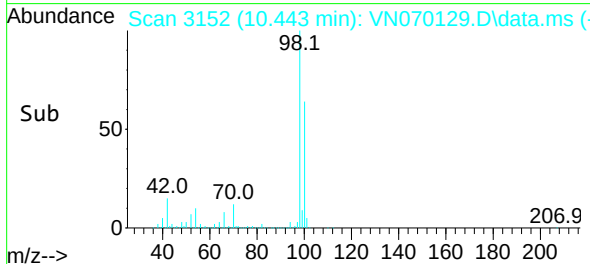
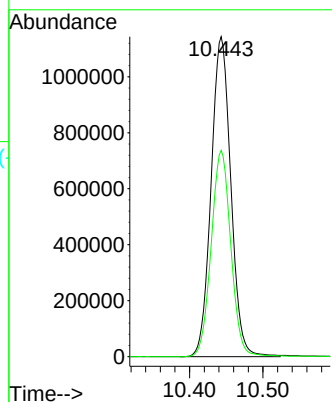
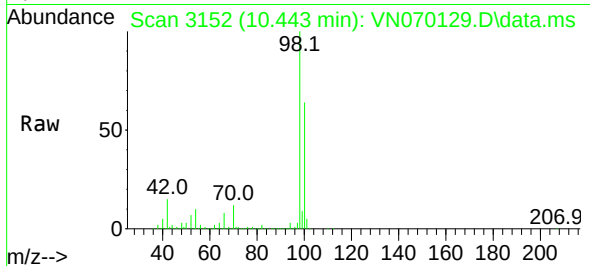




#50
Toluene-d8
Concen: 51.049 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070129.D
Acq: 16 Dec 2021 11:23

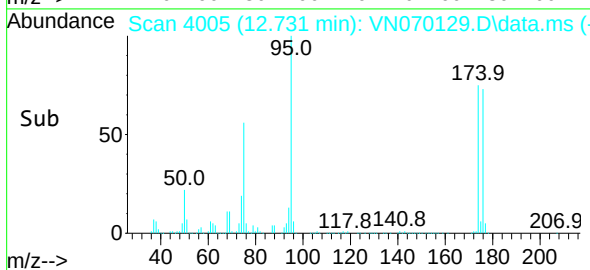
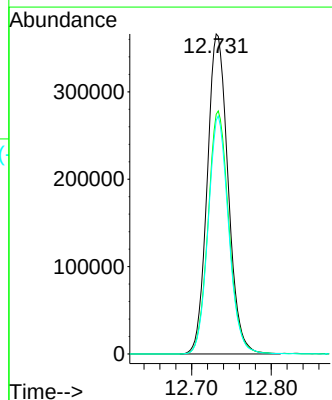
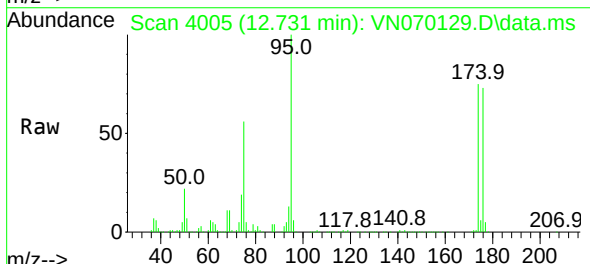
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBL01

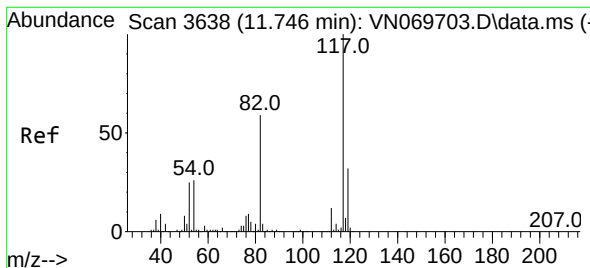
Tgt Ion: 98 Resp: 2133818
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 44.157 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070129.D
Acq: 16 Dec 2021 11:23

Tgt Ion: 95 Resp: 668675
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 72.8 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.746 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VN070129.D

Acq: 16 Dec 2021 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBL01

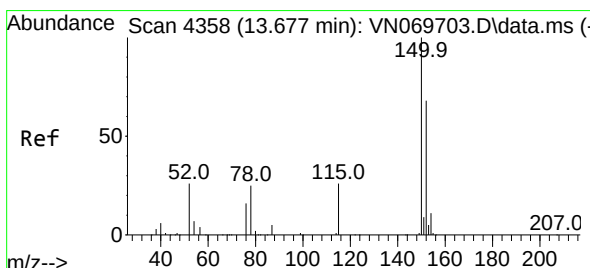
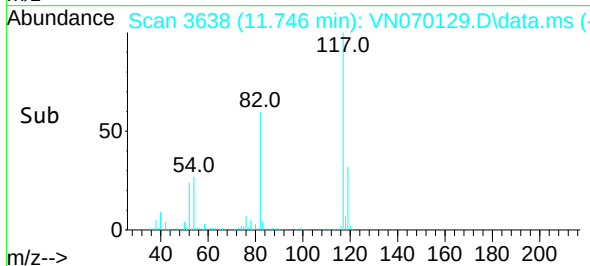
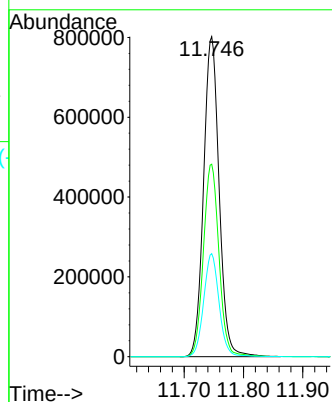
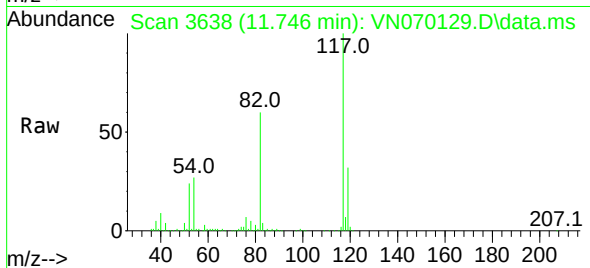
Tgt Ion:117 Resp: 1458935

Ion Ratio Lower Upper

117 100

82 60.1 42.4 63.6

119 32.2 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.678 min Scan# 4358

Delta R.T. 0.000 min

Lab File: VN070129.D

Acq: 16 Dec 2021 11:23

Tgt Ion:152 Resp: 493930

Ion Ratio Lower Upper

152 100

115 60.8 27.5 82.5

150 157.3 0.0 344.4

