

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069805.D
 Acq On : 7 Dec 2021 10:50
 Operator : JC/MD
 Sample : VN1207WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBL01

Quant Time: Dec 08 04:31:51 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	1400427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2513124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2660889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1049323	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1057028	48.885	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.780%
35) Dibromofluoromethane	8.021	113	730617	46.413	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.820%
50) Toluene-d8	10.440	98	3207943	50.752	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.500%
62) 4-Bromofluorobenzene	12.731	95	1260896	55.064	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.120%

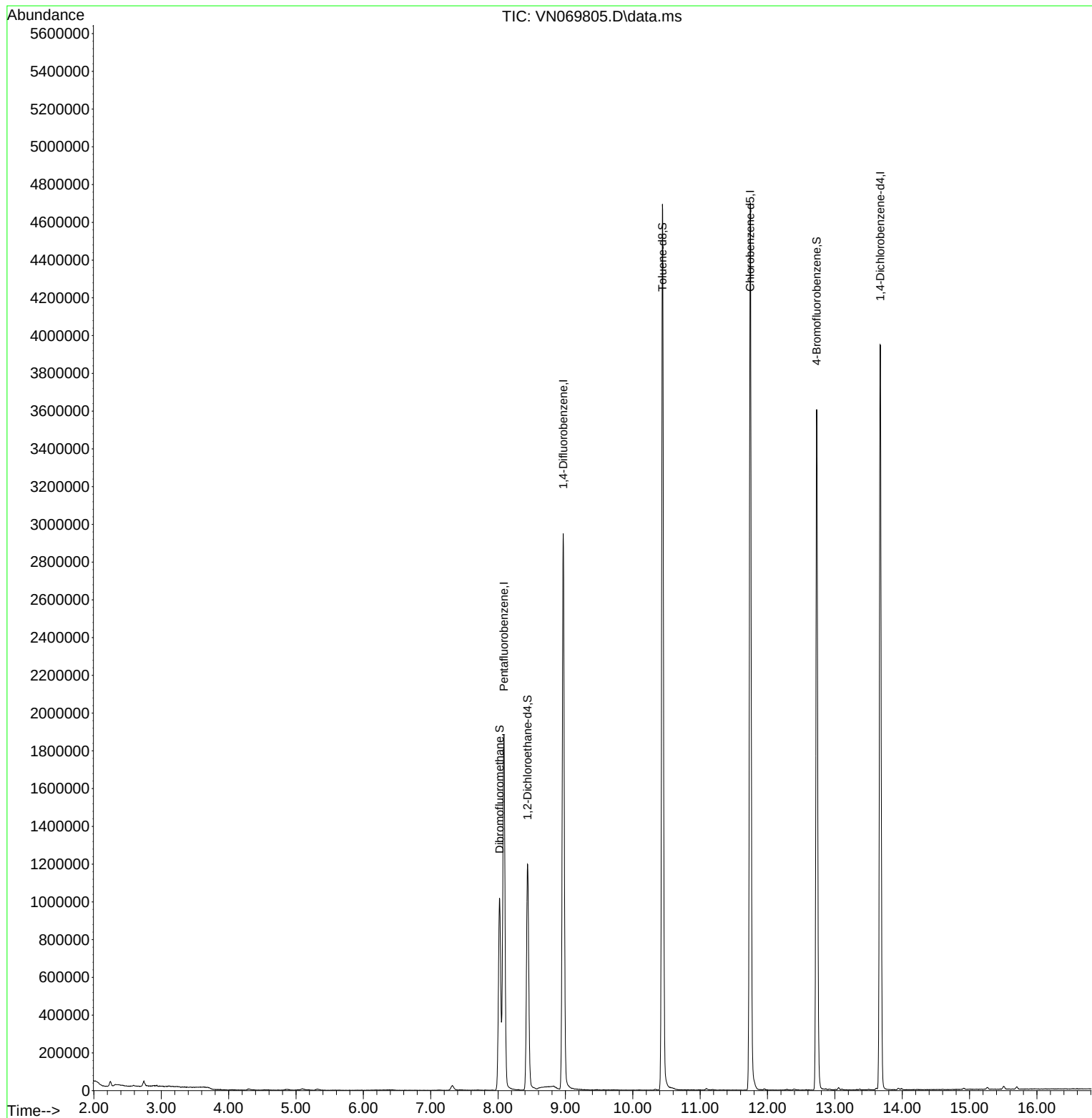
Target Compounds	Qvalue

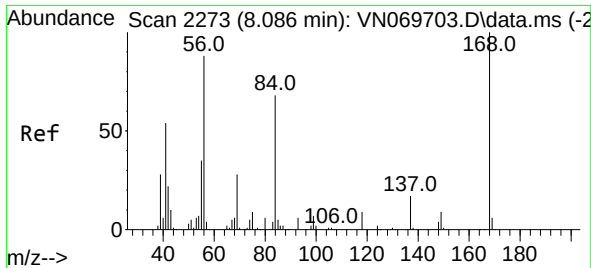
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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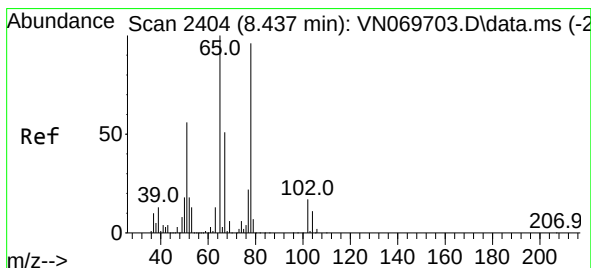
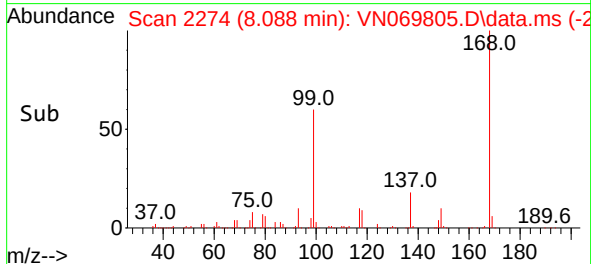
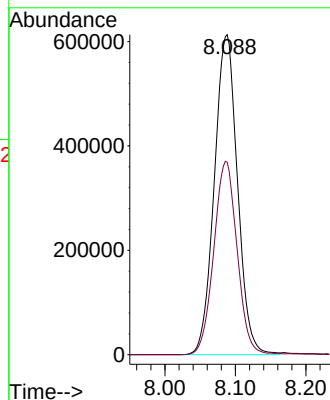
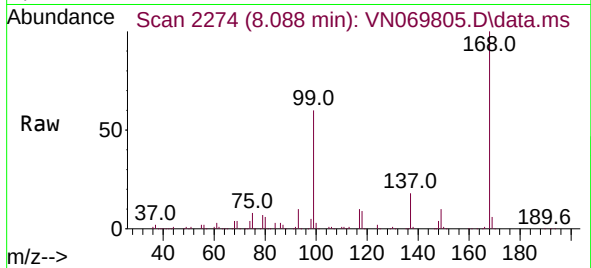




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069805.D
Acq: 7 Dec 2021 10:50

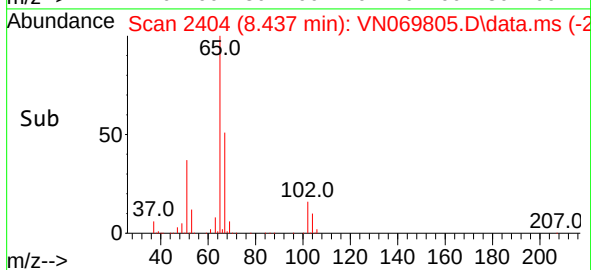
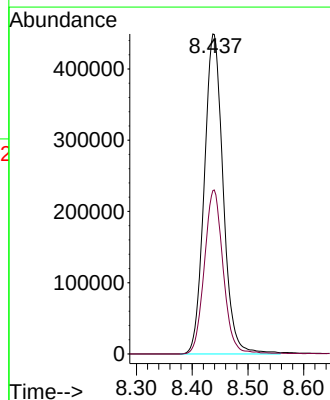
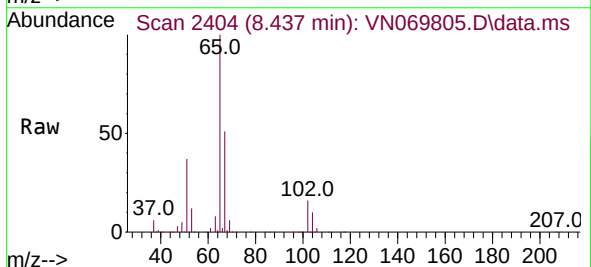
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBL01

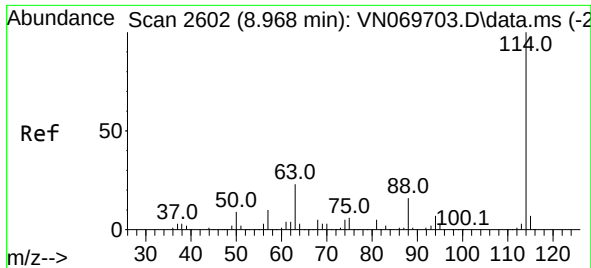
Tgt Ion:168 Resp: 1400427
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 48.885 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069805.D
Acq: 7 Dec 2021 10:50

Tgt Ion: 65 Resp: 1057028
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0

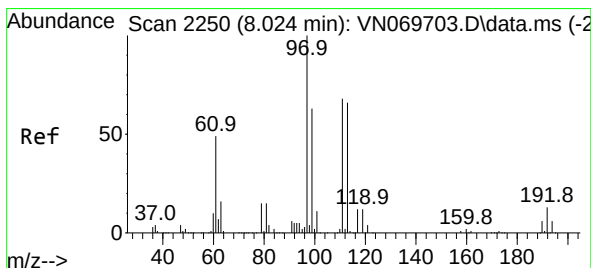
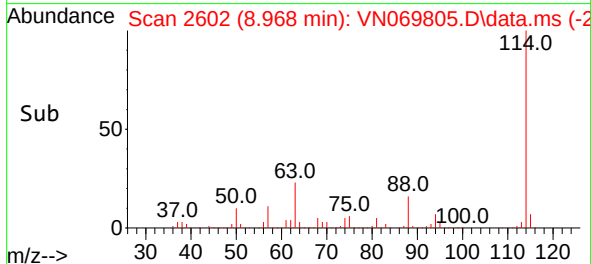
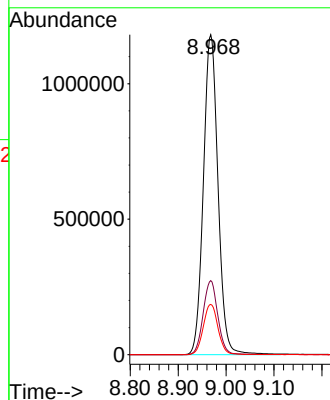
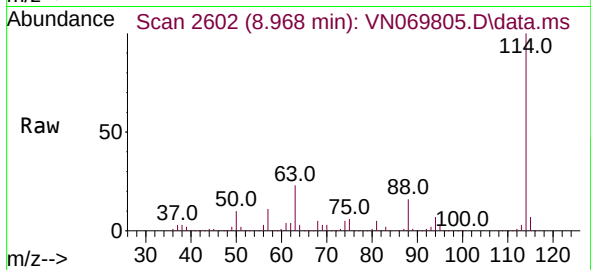




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN069805.D
 Acq: 7 Dec 2021 10:50

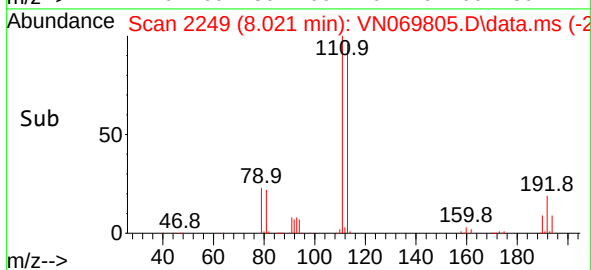
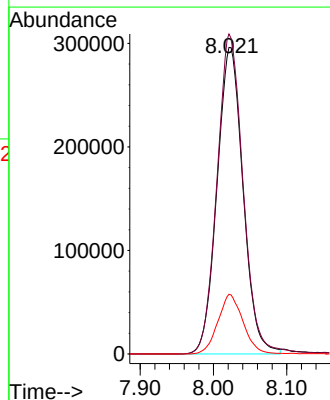
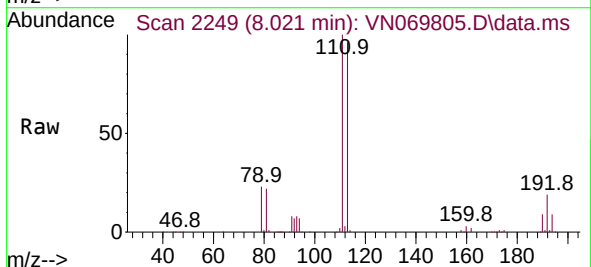
Instrument :
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 VN1207WBL01

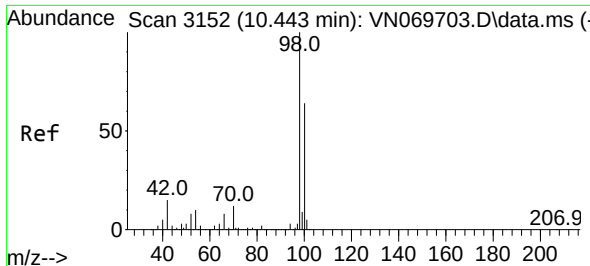
Tgt Ion:114 Resp: 2513124
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 37.8
 88 15.7 0.0 27.4



#35
 Dibromofluoromethane
 Concen: 46.413 ug/l
 RT: 8.021 min Scan# 2249
 Delta R.T. -0.003 min
 Lab File: VN069805.D
 Acq: 7 Dec 2021 10:50

Tgt Ion:113 Resp: 730617
 Ion Ratio Lower Upper
 113 100
 111 105.0 82.2 123.2
 192 18.8 16.9 25.3

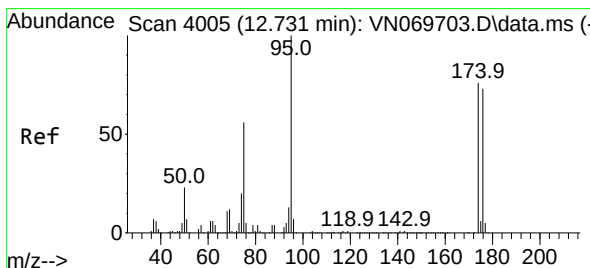
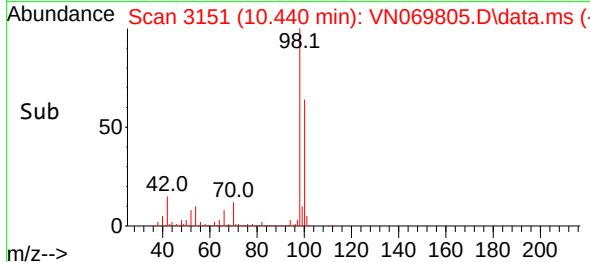
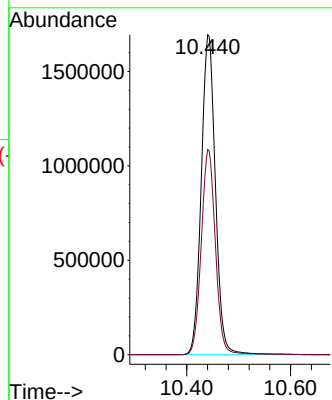
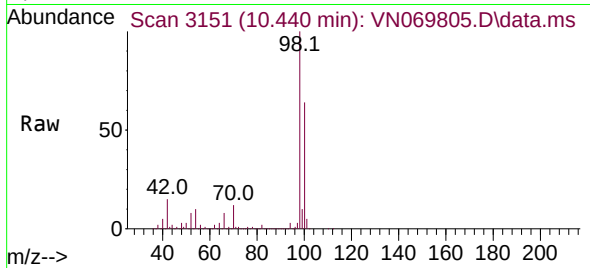




#50
Toluene-d8
Concen: 50.752 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069805.D
Acq: 7 Dec 2021 10:50

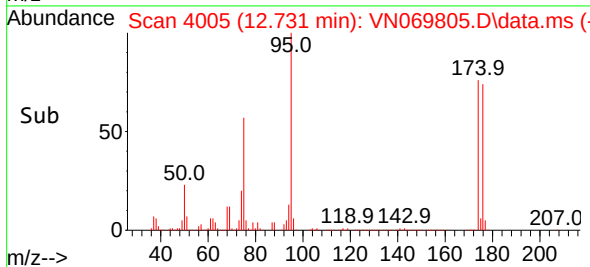
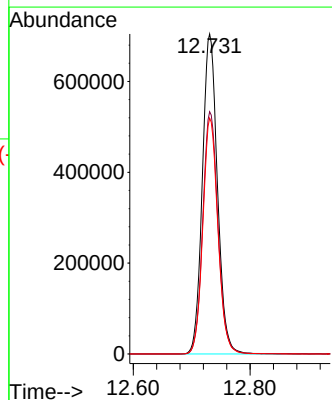
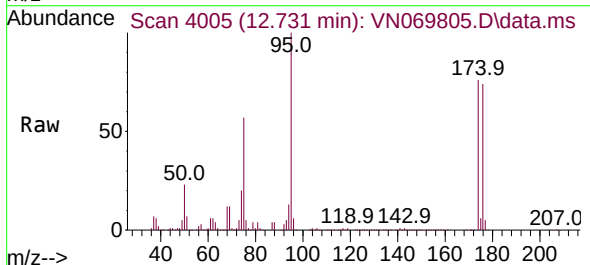
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBL01

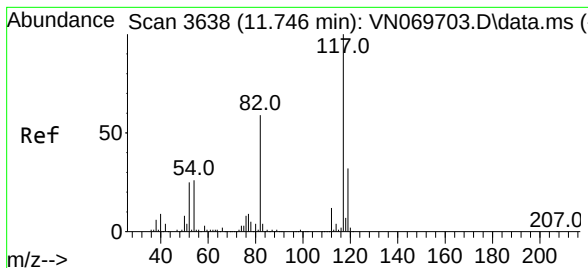
Tgt Ion: 98 Resp: 3207943
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 55.064 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069805.D
Acq: 7 Dec 2021 10:50

Tgt Ion: 95 Resp: 1260896
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 73.6 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.002 min

Lab File: VN069805.D

Acq: 7 Dec 2021 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBL01

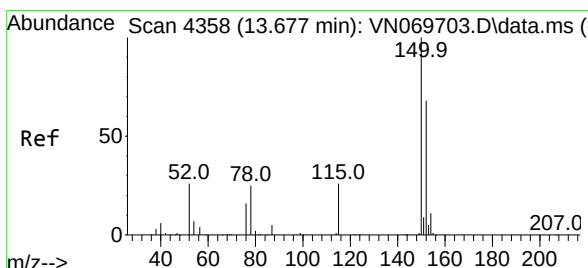
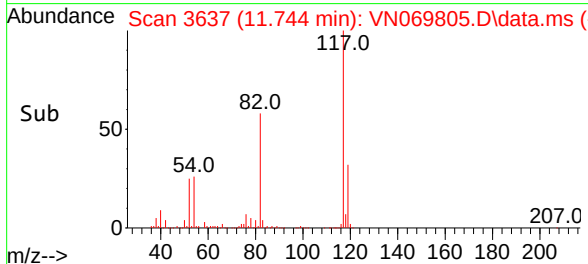
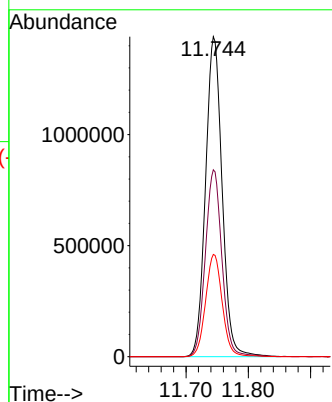
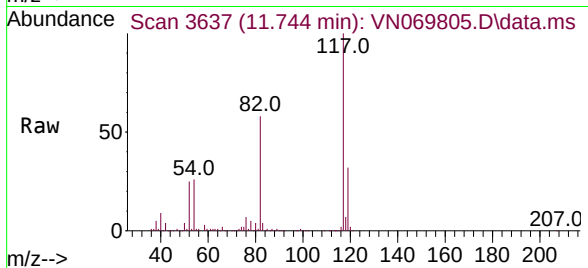
Tgt Ion:117 Resp: 2660889

Ion Ratio Lower Upper

117 100

82 58.4 42.4 63.6

119 32.0 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: VN069805.D

Acq: 7 Dec 2021 10:50

Tgt Ion:152 Resp: 1049323

Ion Ratio Lower Upper

152 100

115 60.7 27.5 82.5

150 158.0 0.0 344.4

