

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051022\
 Data File : VN072396.D
 Acq On : 10 May 2022 16:43
 Operator : JC\MD
 Sample : VN0510WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBL01

Quant Time: May 11 03:01:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	254564	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	479787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	527624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	212725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	188701	48.396	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.800%
35) Dibromofluoromethane	8.016	113	148314	46.464	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.920%
50) Toluene-d8	10.439	98	609694	50.152	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.300%
62) 4-Bromofluorobenzene	12.727	95	244098	60.460	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	120.920%

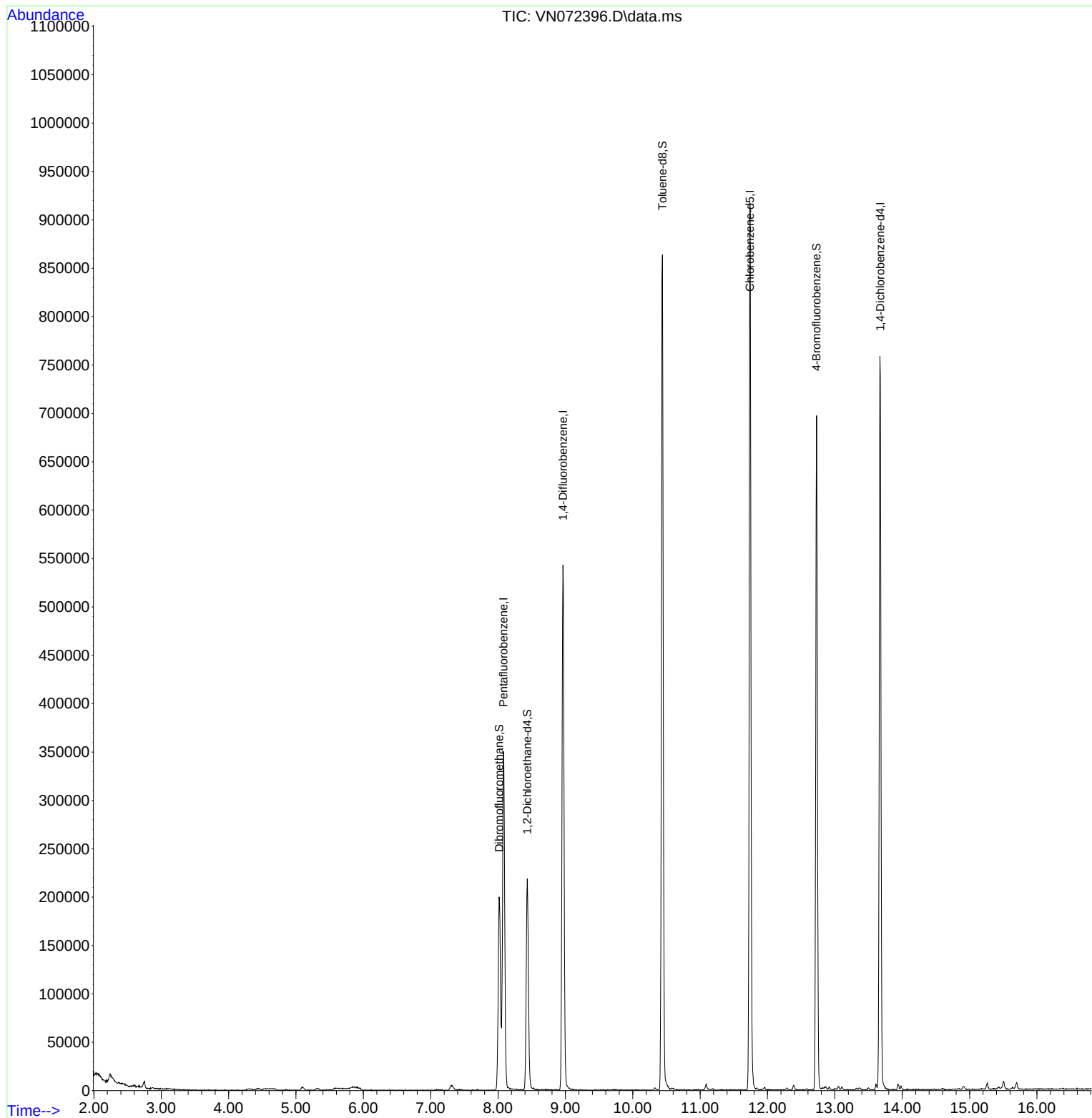
Target Compounds	Qvalue

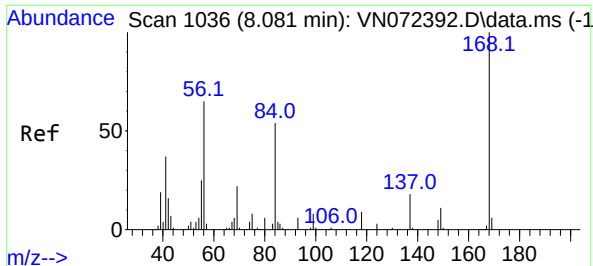
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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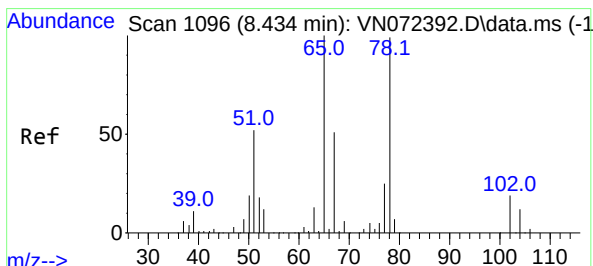
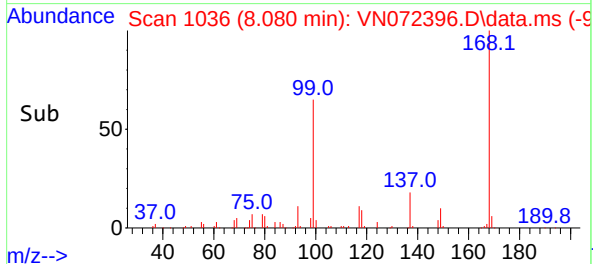
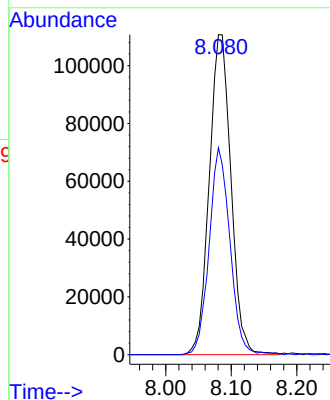
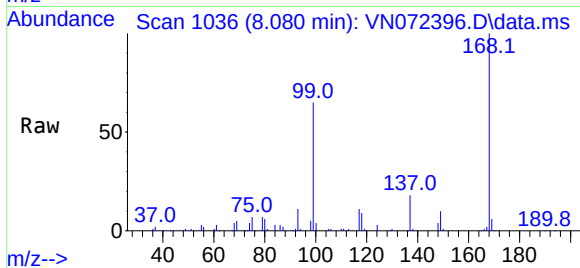




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072396.D
Acq: 10 May 2022 16:43

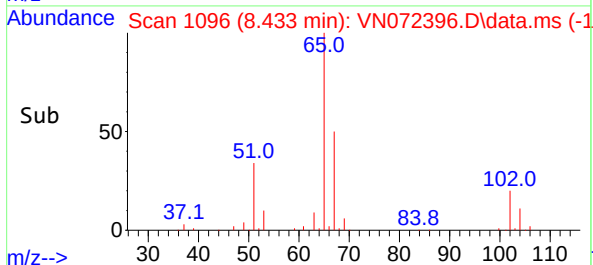
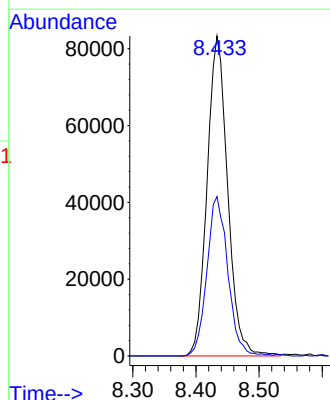
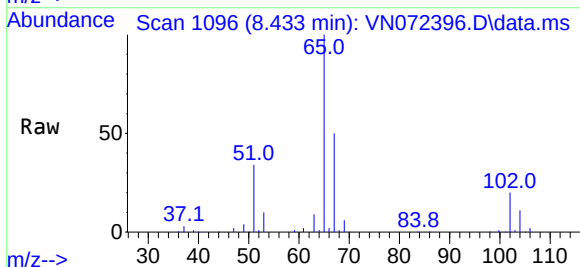
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBL01

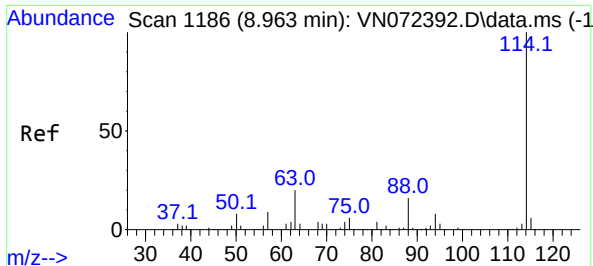
Tgt Ion:168 Resp: 254564
Ion Ratio Lower Upper
168 100
99 64.7 42.3 63.5#



#33
1,2-Dichloroethane-d4
Concen: 48.396 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072396.D
Acq: 10 May 2022 16:43

Tgt Ion: 65 Resp: 188701
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072396.D

Acq: 10 May 2022 16:43

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBL01

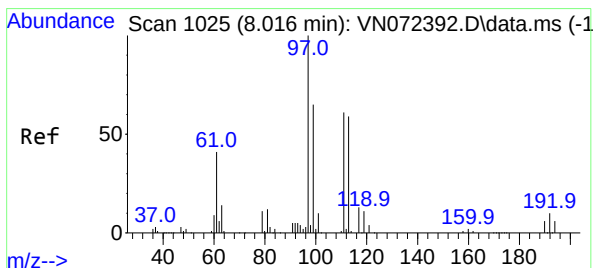
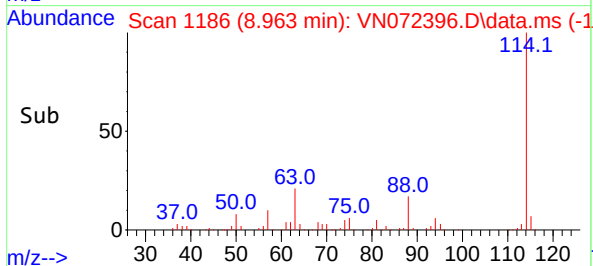
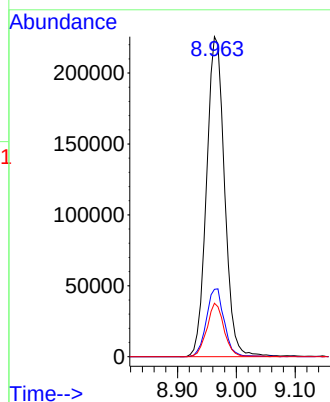
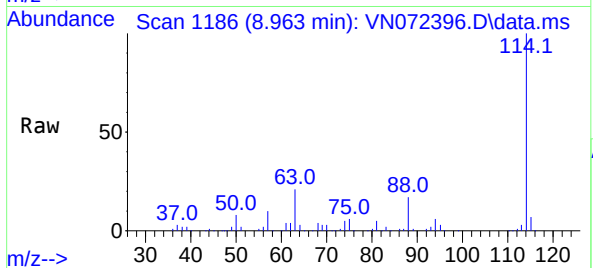
Tgt Ion:114 Resp: 479787

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 16.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.464 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072396.D

Acq: 10 May 2022 16:43

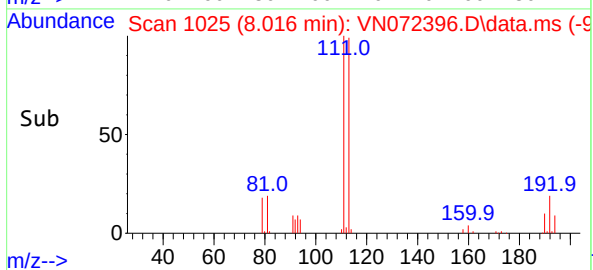
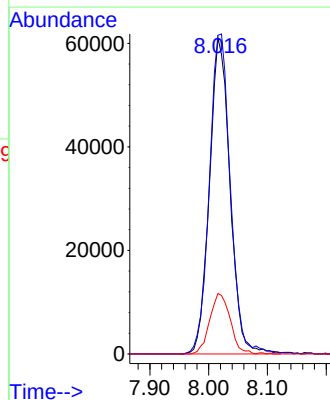
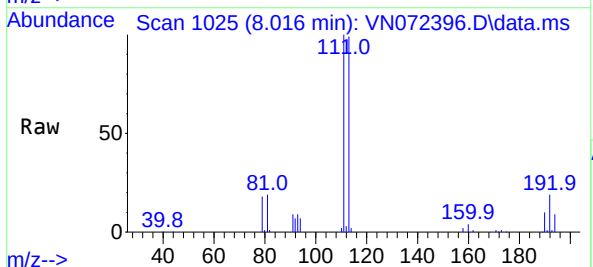
Tgt Ion:113 Resp: 148314

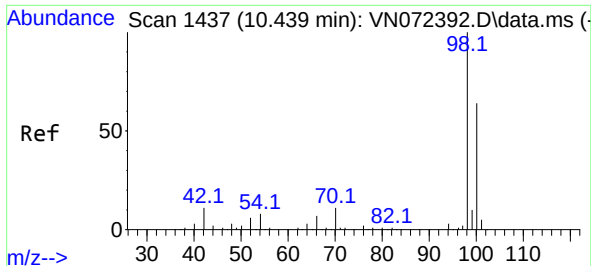
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 19.0 17.0 25.6

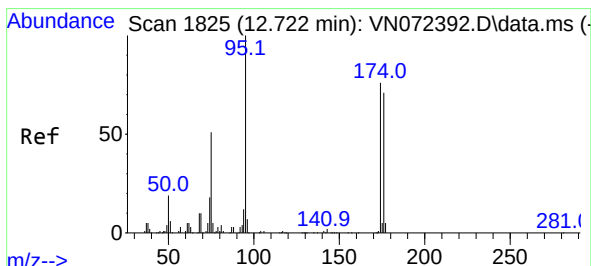
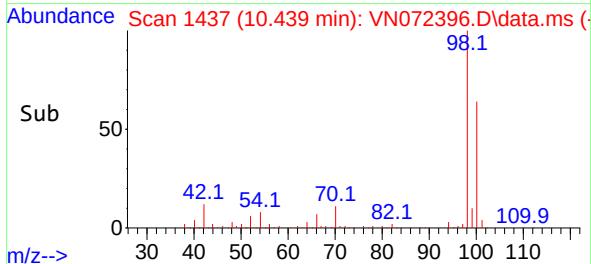
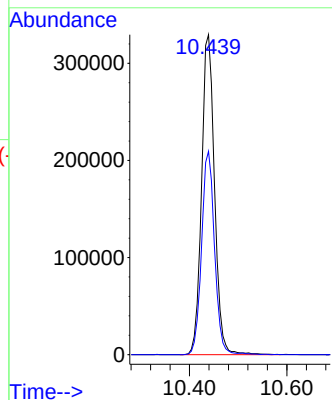
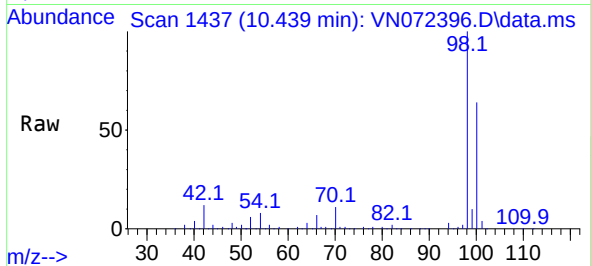




#50
Toluene-d8
Concen: 50.152 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072396.D
Acq: 10 May 2022 16:43

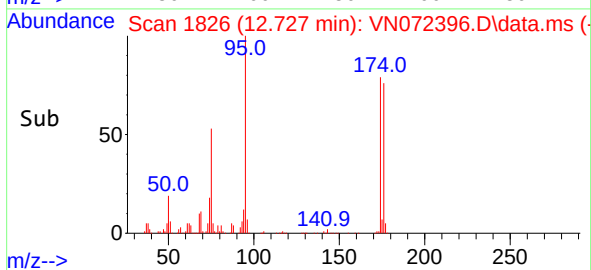
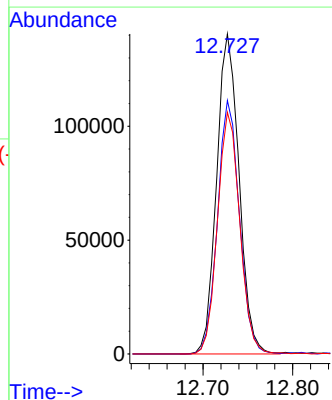
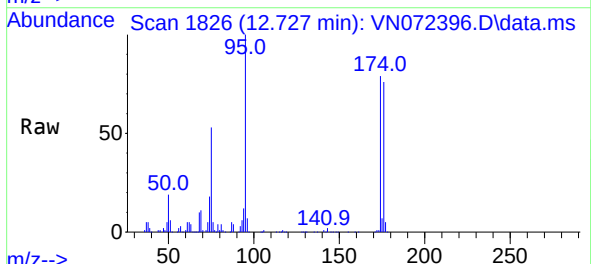
Instrument :
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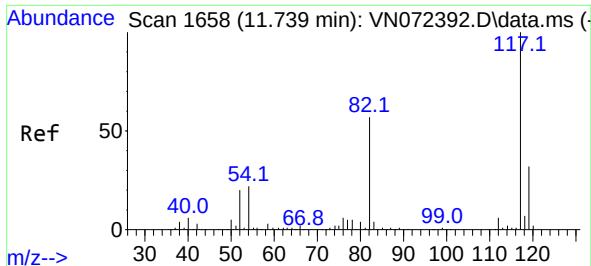
Tgt Ion: 98 Resp: 609694
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 60.460 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072396.D
Acq: 10 May 2022 16:43

Tgt Ion: 95 Resp: 244098
Ion Ratio Lower Upper
95 100
174 77.5 0.0 167.6
176 74.9 0.0 163.4

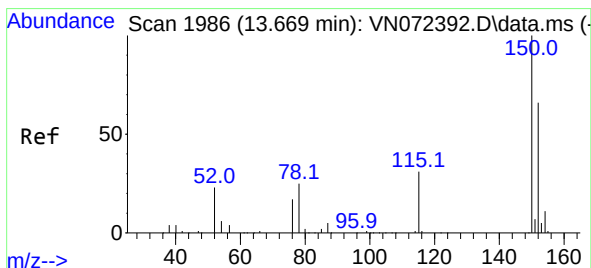
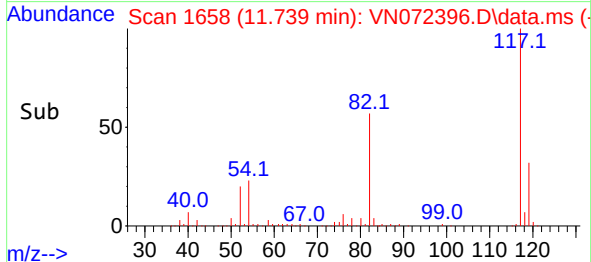
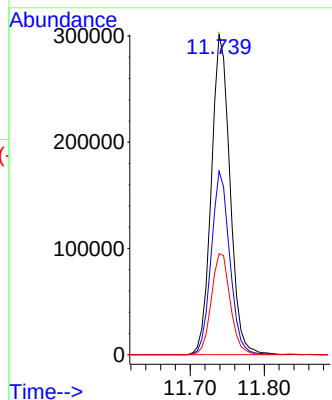
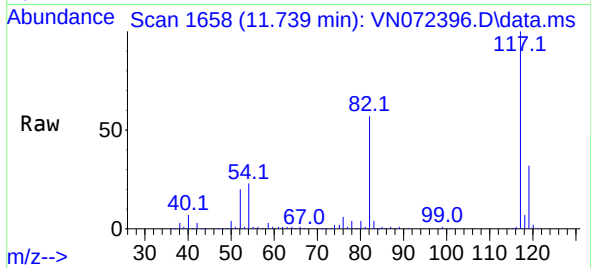




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072396.D
Acq: 10 May 2022 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBL01

Tgt Ion:117 Resp: 527624
Ion Ratio Lower Upper
117 100
82 57.4 44.2 66.2
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072396.D
Acq: 10 May 2022 16:43

Tgt Ion:152 Resp: 212725
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.7
150 155.3 0.0 356.2

