

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030122\
 Data File : VN071114.D
 Acq On : 01 Mar 2022 13:04
 Operator : JC\MD
 Sample : VN0301MBL01
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301MBL01

Quant Time: Mar 02 03:27:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	827768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1326412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1162272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	394564	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	505194	53.427	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.860%
35) Dibromofluoromethane	8.016	113	385786	48.899	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.800%
50) Toluene-d8	10.439	98	1604135	50.630	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.727	95	475438	41.981	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.960%

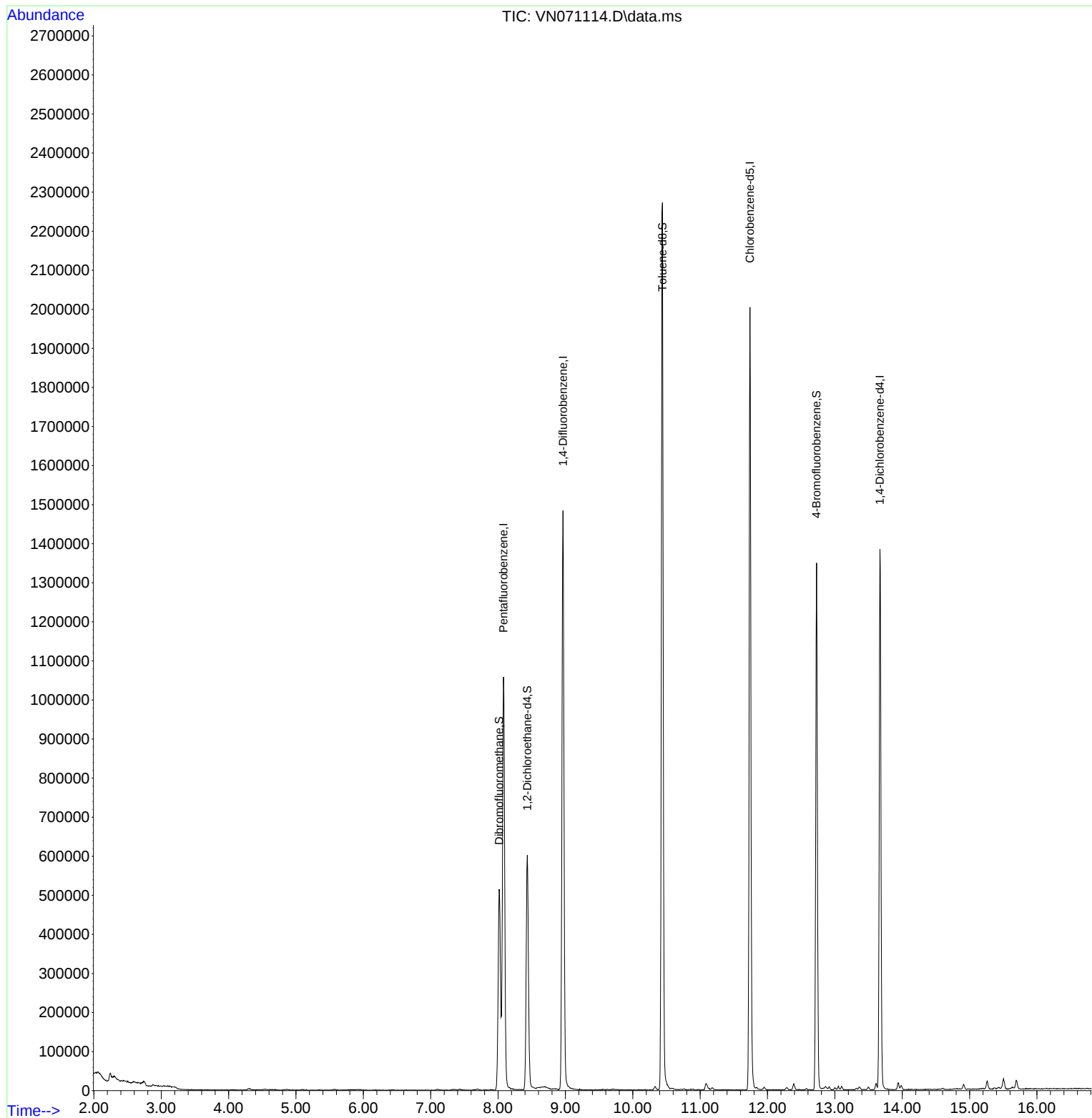
Target Compounds	Qvalue

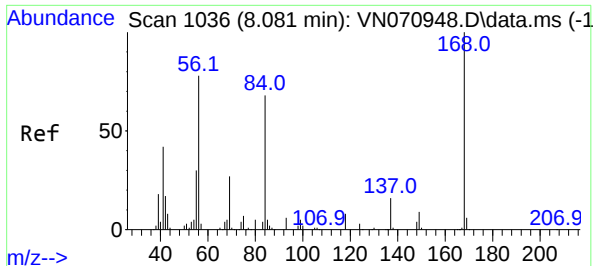
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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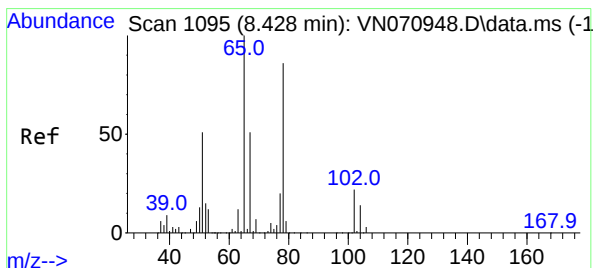
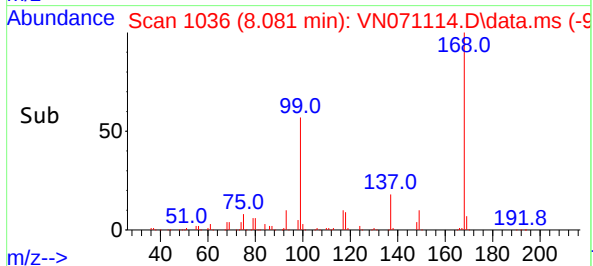
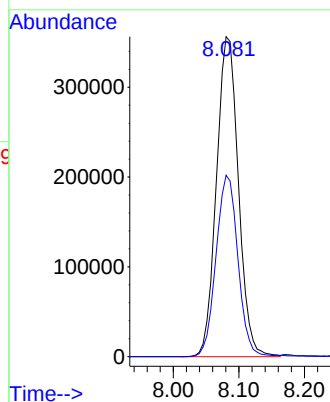
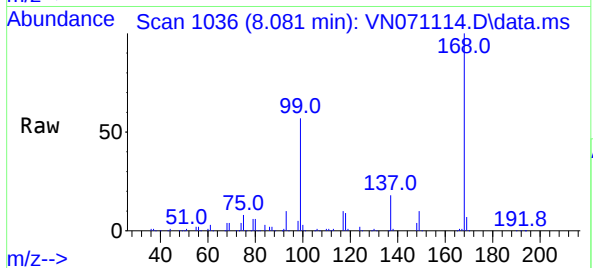




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071114.D
Acq: 01 Mar 2022 13:04

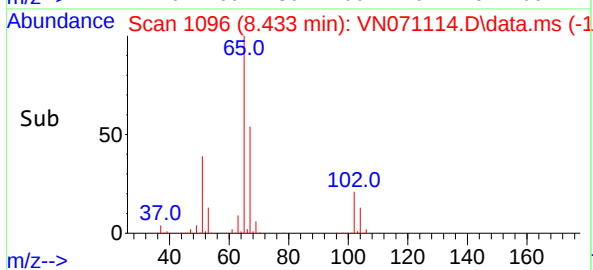
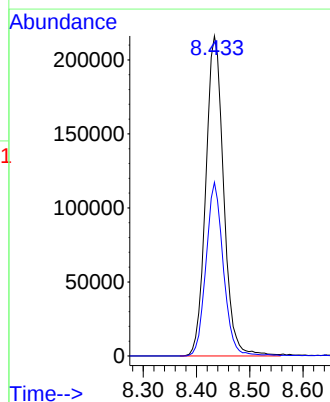
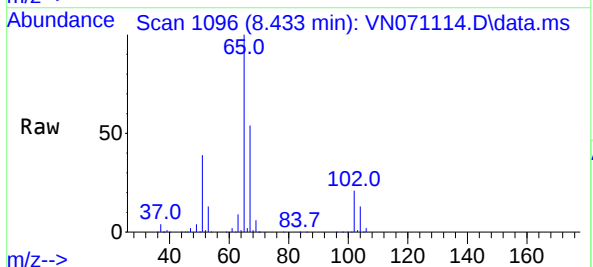
Instrument :
MSVOA_N
ClientSampleId :
VN0301MBL01

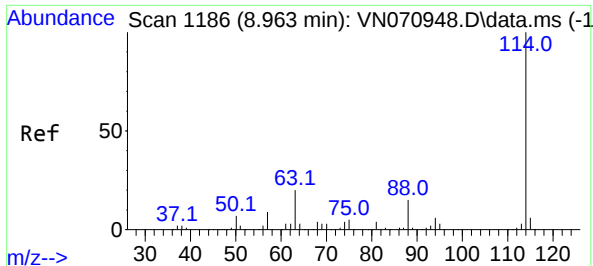
Tgt Ion:168 Resp: 827768
Ion Ratio Lower Upper
168 100
99 56.7 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 53.427 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071114.D
Acq: 01 Mar 2022 13:04

Tgt Ion: 65 Resp: 505194
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071114.D

Acq: 01 Mar 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0301MBL01

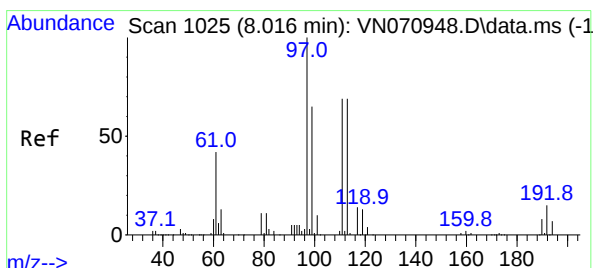
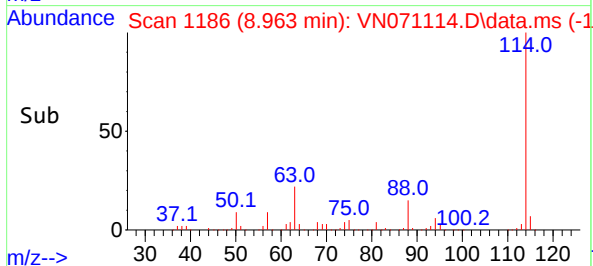
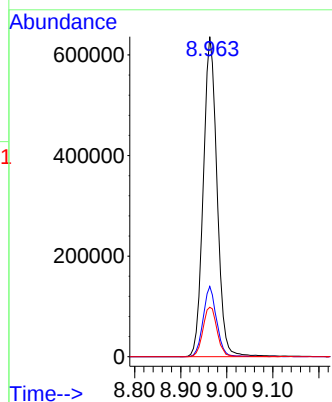
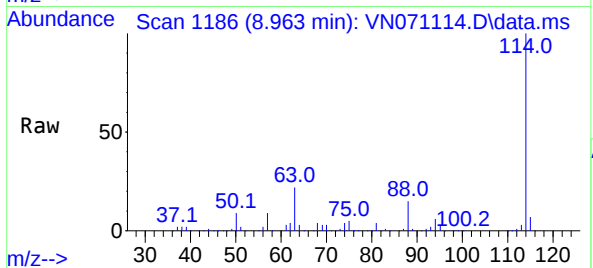
Tgt Ion:114 Resp: 1326412

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.8

88 15.4 0.0 27.4



#35

Dibromofluoromethane

Concen: 48.899 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN071114.D

Acq: 01 Mar 2022 13:04

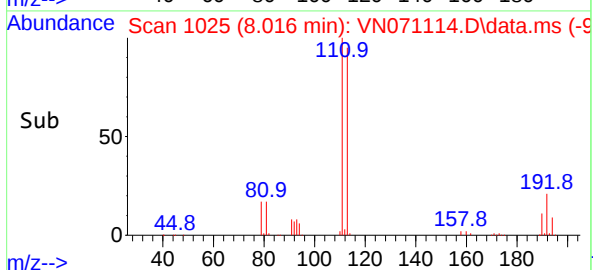
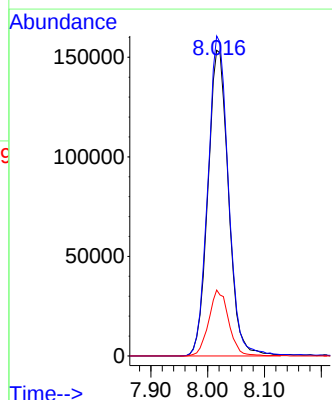
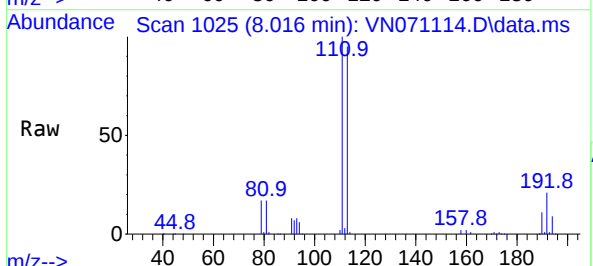
Tgt Ion:113 Resp: 385786

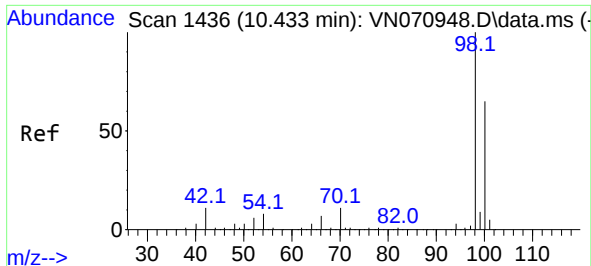
Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.2

192 20.9 16.9 25.3

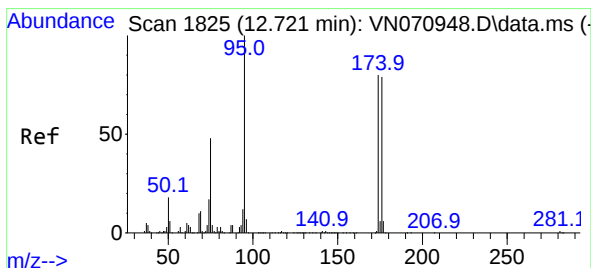
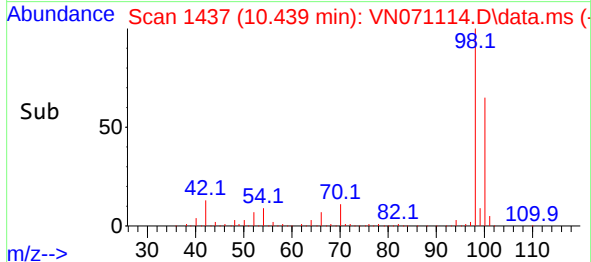
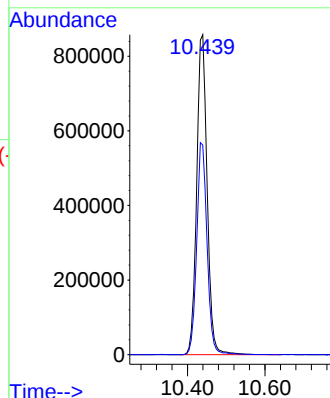
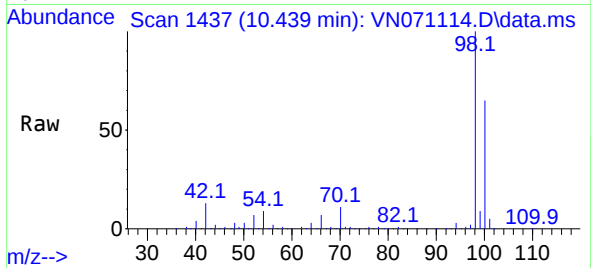




#50
Toluene-d8
Concen: 50.630 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071114.D
Acq: 01 Mar 2022 13:04

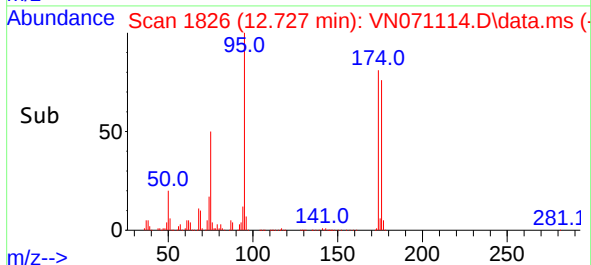
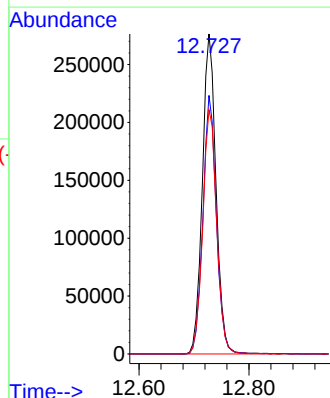
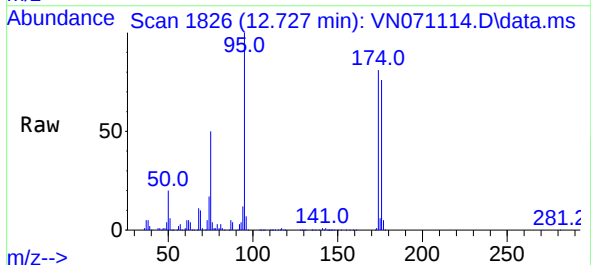
Instrument :
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VN0301MBL01

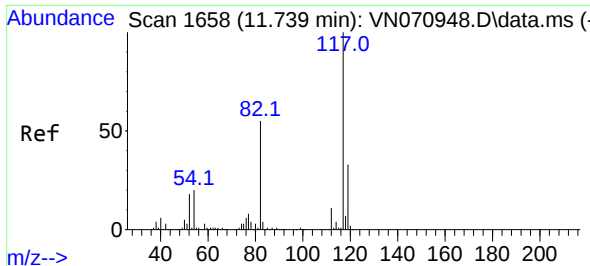
Tgt Ion: 98 Resp: 1604135
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 41.981 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071114.D
Acq: 01 Mar 2022 13:04

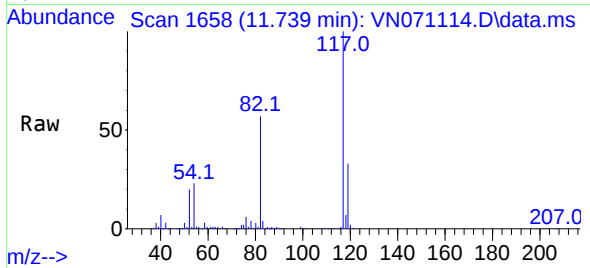
Tgt Ion: 95 Resp: 475438
Ion Ratio Lower Upper
95 100
174 79.7 0.0 187.2
176 77.7 0.0 181.4





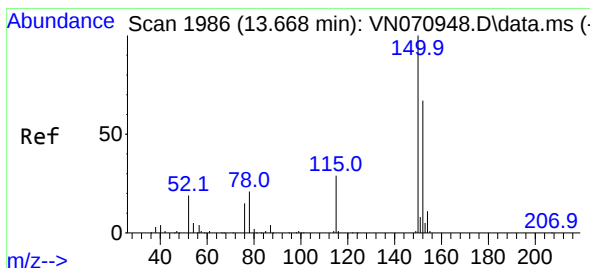
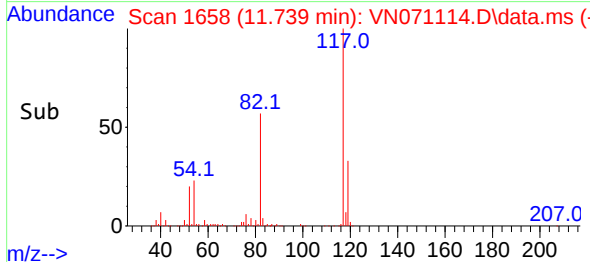
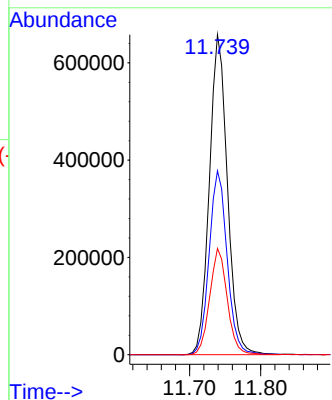
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN071114.D
Acq: 01 Mar 2022 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0301MBL01



Tgt Ion:117 Resp: 1162272

Ion	Ratio	Lower	Upper
117	100		
82	57.5	42.4	63.6
119	33.2	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071114.D
Acq: 01 Mar 2022 13:04

Tgt Ion:152 Resp: 394564

Ion	Ratio	Lower	Upper
152	100		
115	58.9	27.5	82.5
150	156.4	0.0	344.4

