

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073140.D
 Acq On : 26 Jun 2022 05:21
 Operator : JC\MD
 Sample : N3501-02 40X
 Misc : 6.53g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B2208-35

Quant Time: Jun 27 03:57:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

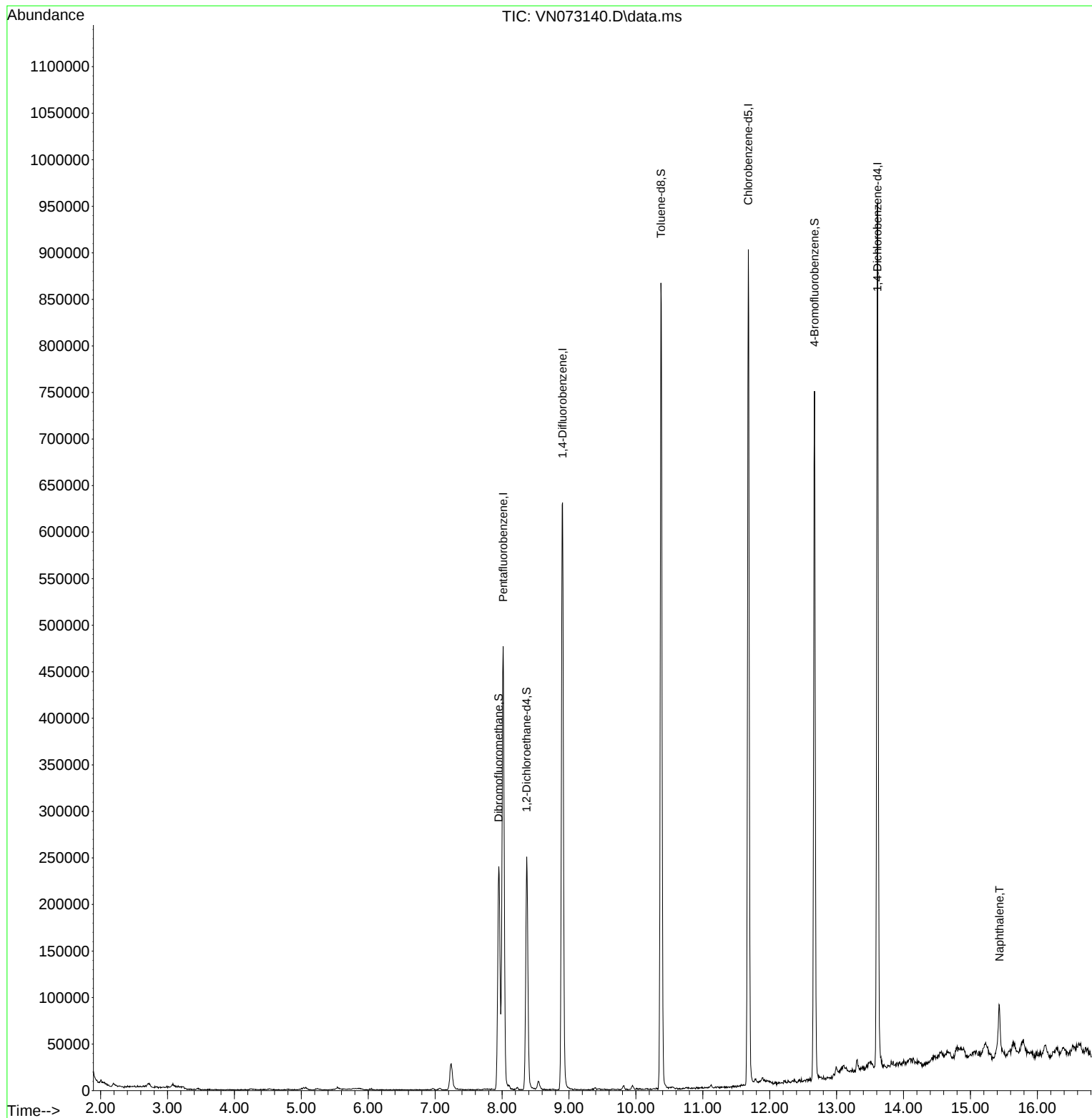
Internal Standards						
1) Pentafluorobenzene	8.016	168	365029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	577165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	522092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	250322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	208089	42.165	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.340%
35) Dibromofluoromethane	7.951	113	179492	50.314	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.620%
50) Toluene-d8	10.375	98	595555	44.865	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.740%
62) 4-Bromofluorobenzene	12.669	95	261074	54.695	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.380%
Target Compounds						
					Qvalue	
95) Naphthalene	15.433	128	51822	2.680	ug/l #	94

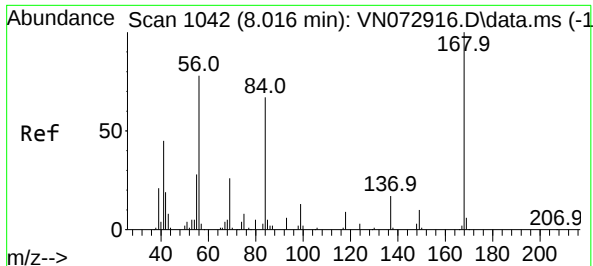
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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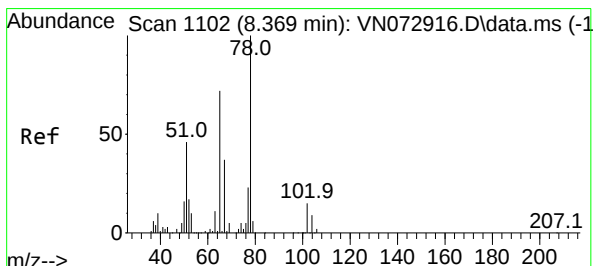
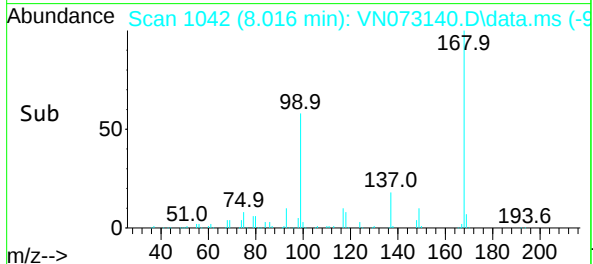
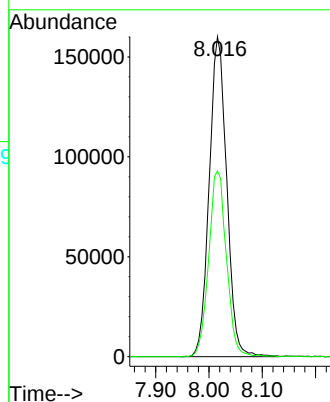
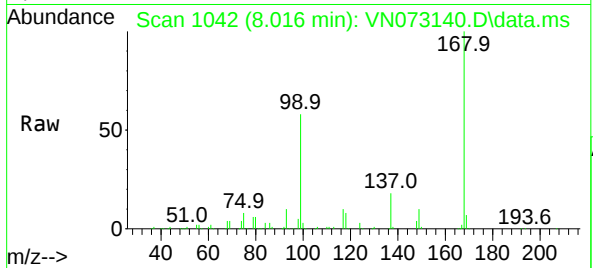




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

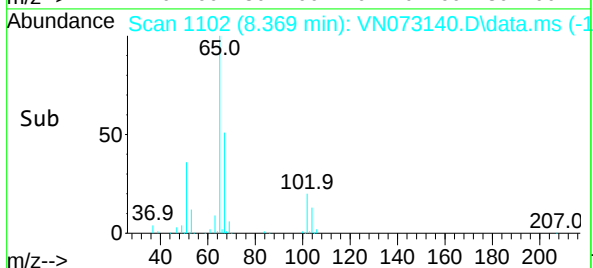
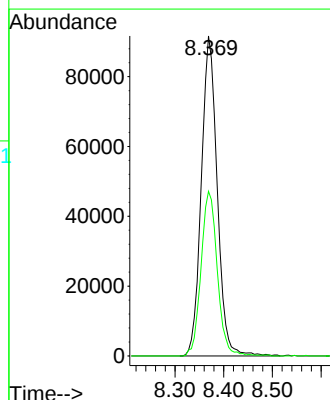
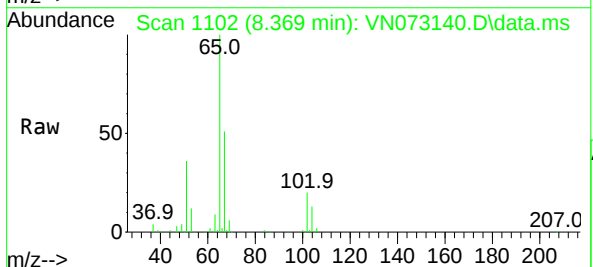
Instrument :
MSVOA_N
ClientSampleId :
B2208-35

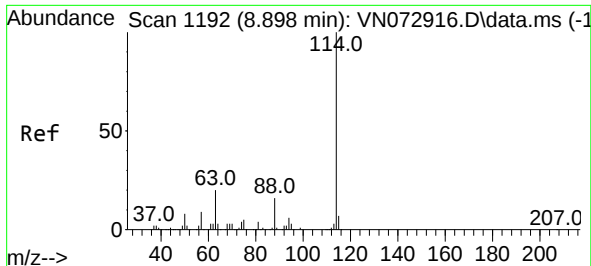
Tgt Ion:168 Resp: 365029
Ion Ratio Lower Upper
168 100
99 58.1 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 42.165 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

Tgt Ion: 65 Resp: 208089
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073140.D

Acq: 26 Jun 2022 05:21

Instrument :

MSVOA_N

ClientSampleId :

B2208-35

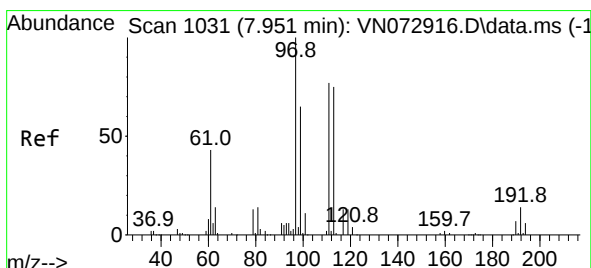
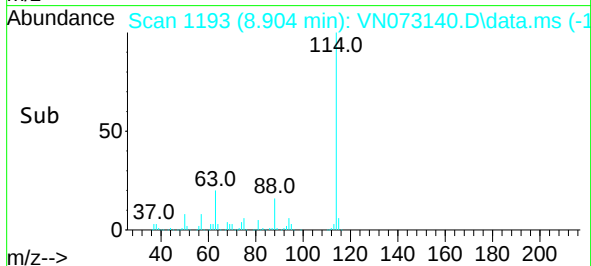
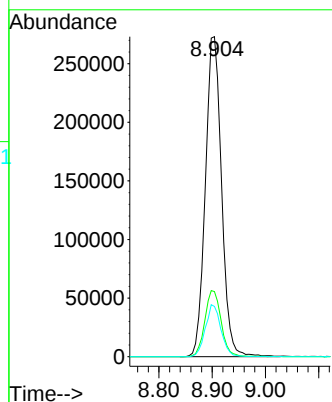
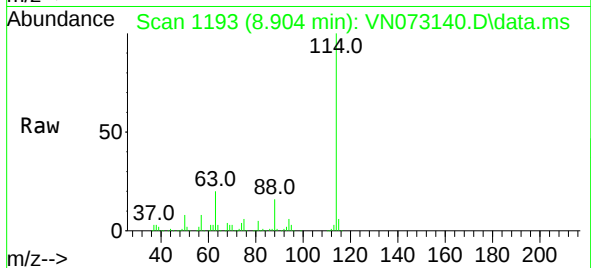
Tgt Ion:114 Resp: 577165

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.314 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073140.D

Acq: 26 Jun 2022 05:21

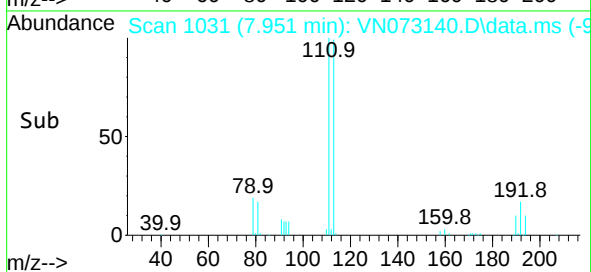
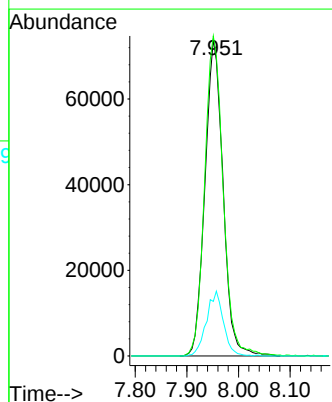
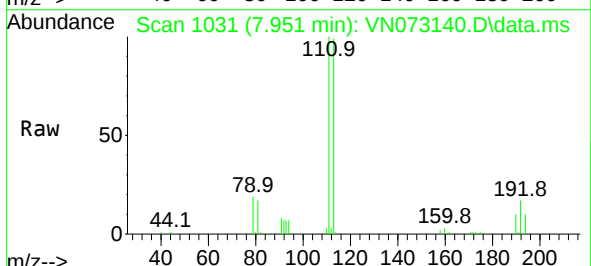
Tgt Ion:113 Resp: 179492

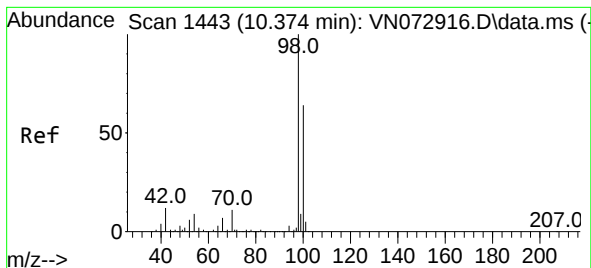
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 19.3 17.0 25.6

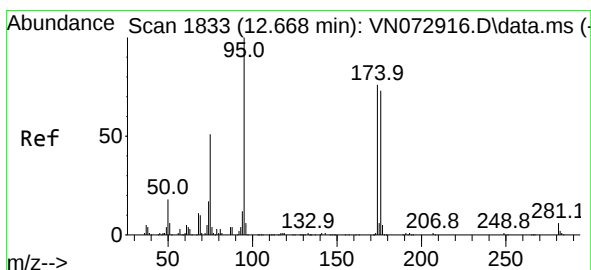
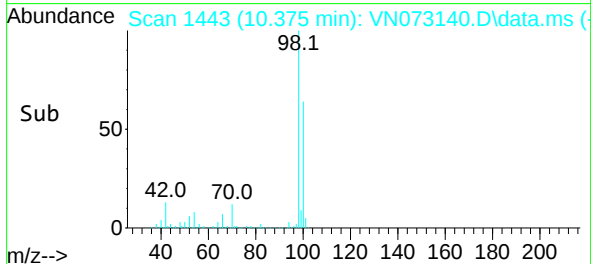
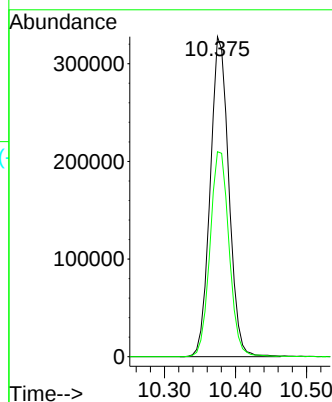
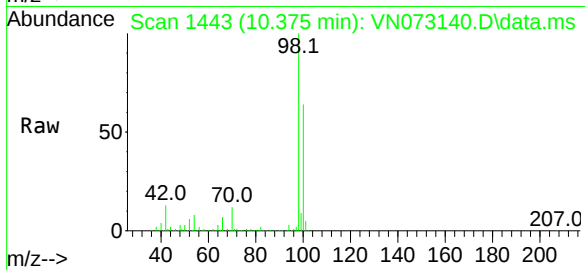




#50
Toluene-d8
Concen: 44.865 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

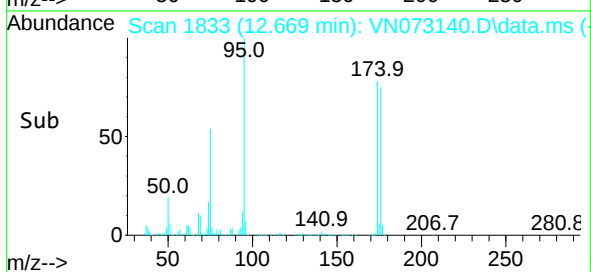
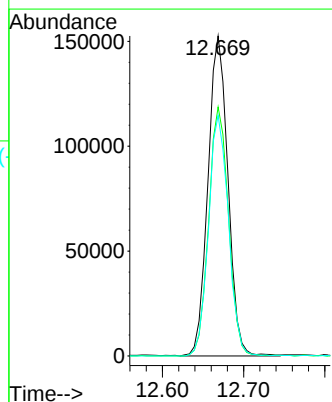
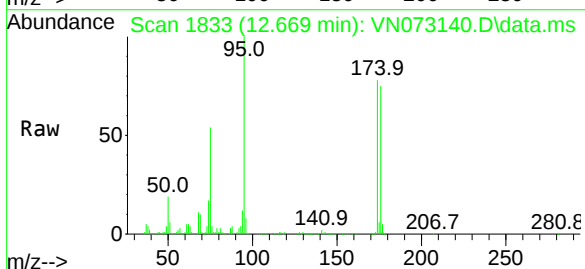
Instrument :
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B2208-35

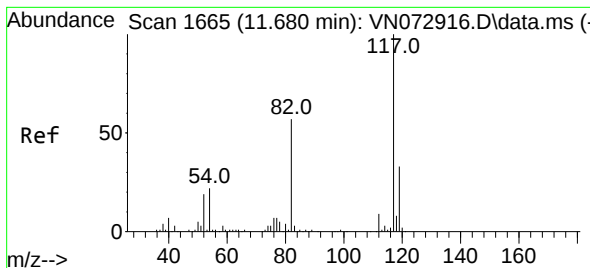
Tgt Ion: 98 Resp: 595555
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.695 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

Tgt Ion: 95 Resp: 261074
Ion Ratio Lower Upper
95 100
174 77.2 0.0 167.6
176 74.8 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073140.D

Acq: 26 Jun 2022 05:21

Instrument :

MSVOA_N

ClientSampleId :

B2208-35

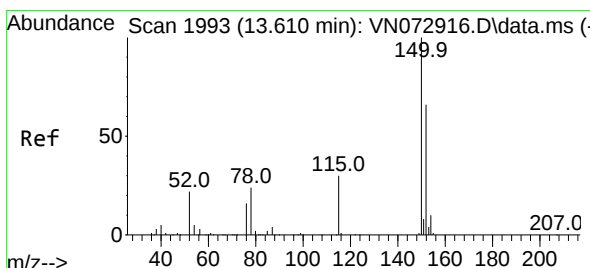
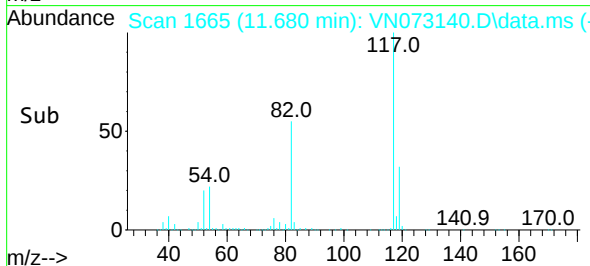
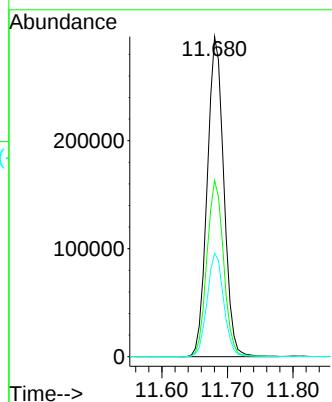
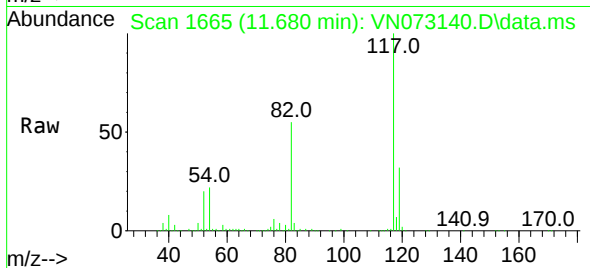
Tgt Ion:117 Resp: 522092

Ion Ratio Lower Upper

117 100

82 55.0 44.2 66.2

119 32.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VN073140.D

Acq: 26 Jun 2022 05:21

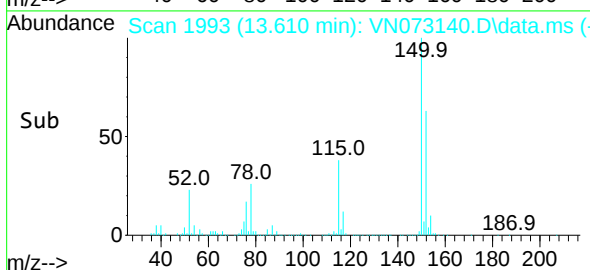
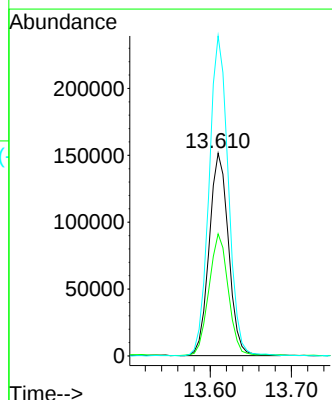
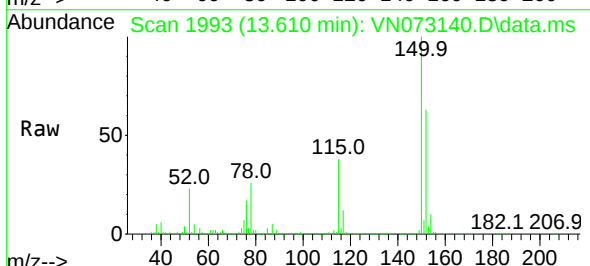
Tgt Ion:152 Resp: 250322

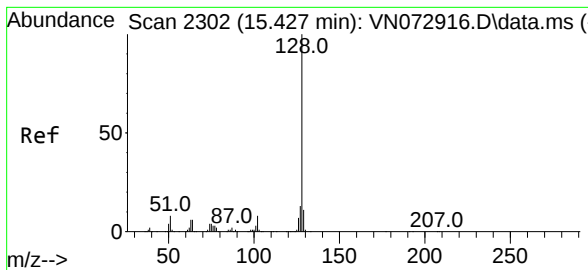
Ion Ratio Lower Upper

152 100

115 60.5 28.9 86.7

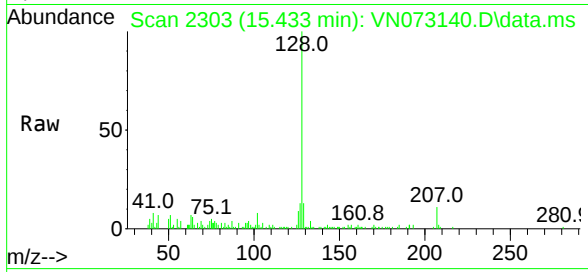
150 157.7 0.0 356.2





#95
Naphthalene
Concen: 2.680 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

Instrument :
MSVOA_N
ClientSampleId :
B2208-35



Tgt Ion:	128	Resp:	51822
Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.3	15.5#
129	12.7	8.6	13.0

