

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071222\
 Data File : VN073428.D
 Acq On : 12 Jul 2022 10:39
 Operator : JC\MD
 Sample : VN0712MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712MBL01

Quant Time: Jul 13 06:16:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	269960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	454913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	407005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	189024	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	179983	46.183	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.360%
35) Dibromofluoromethane	7.951	113	147758	48.820	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.640%
50) Toluene-d8	10.374	98	472642	43.969	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.940%
62) 4-Bromofluorobenzene	12.668	95	198740	48.110	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.220%

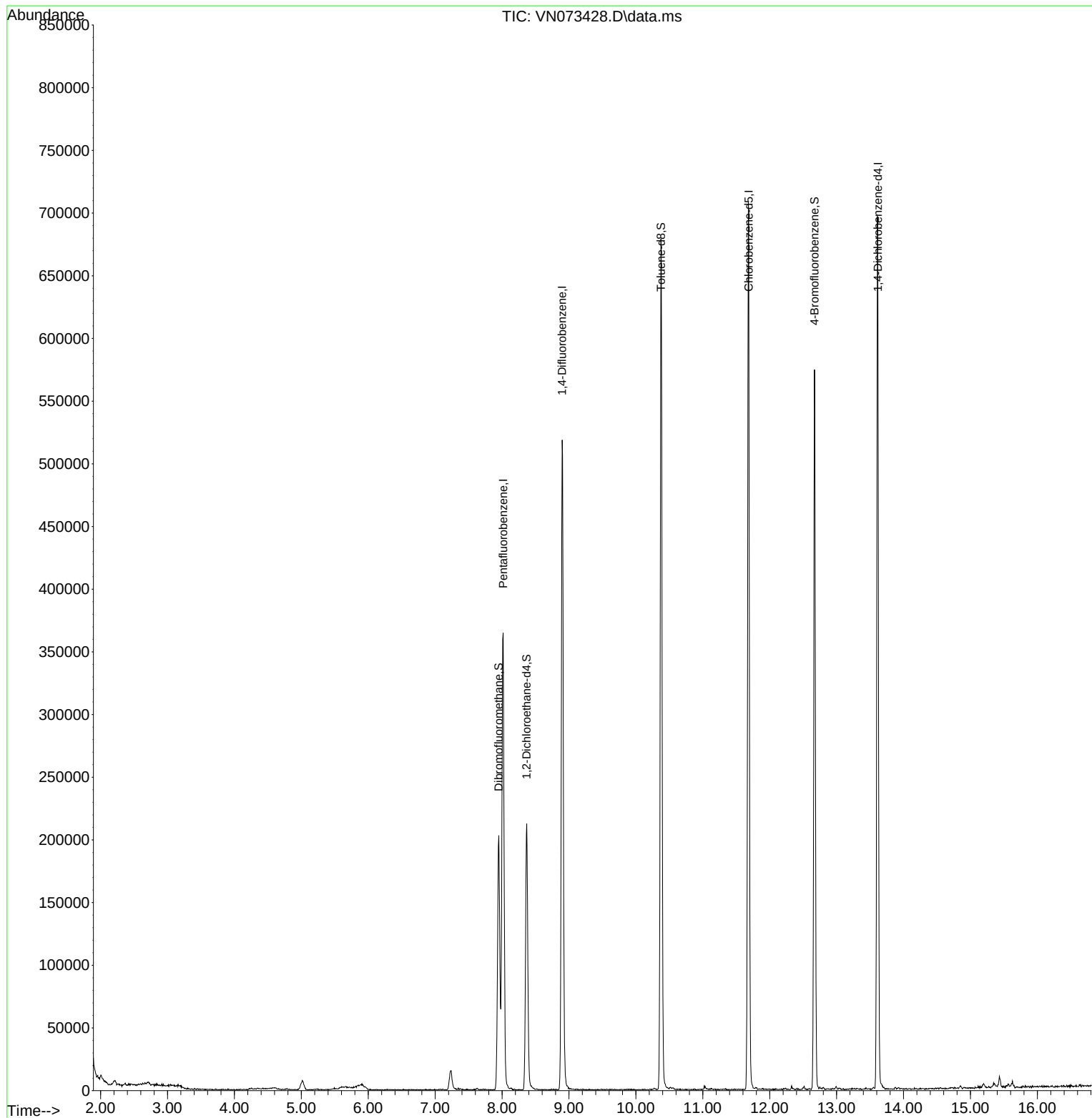
Target Compounds	Qvalue

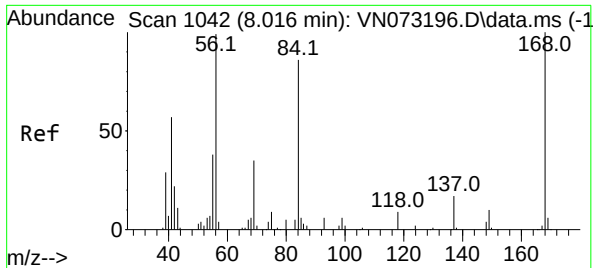
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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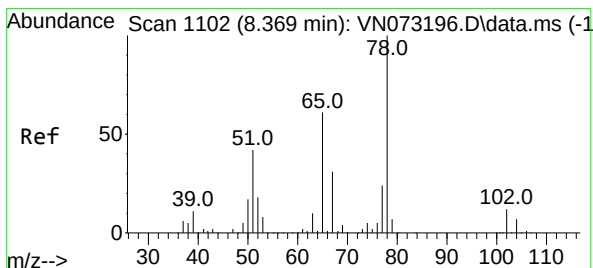
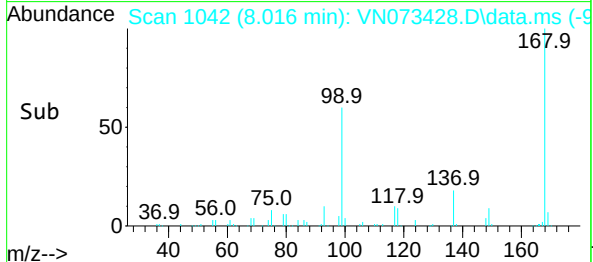
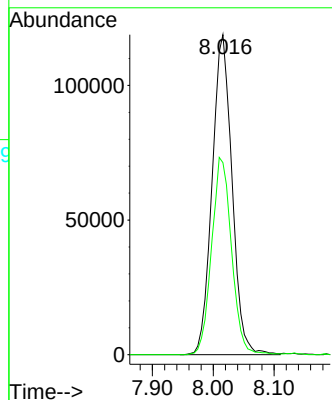
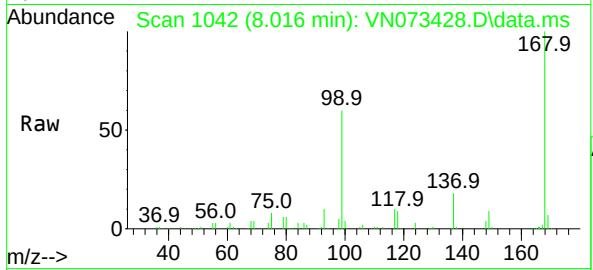




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073428.D
Acq: 12 Jul 2022 10:39

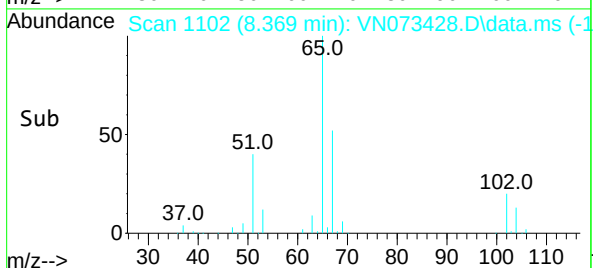
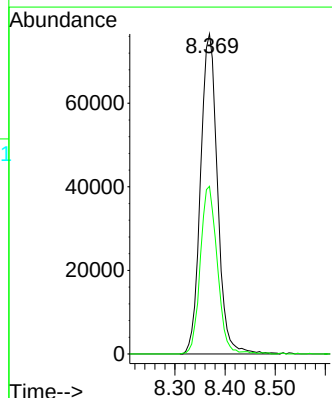
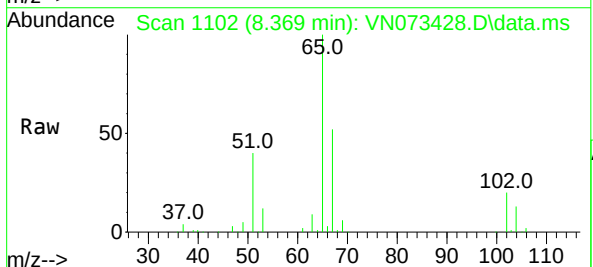
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

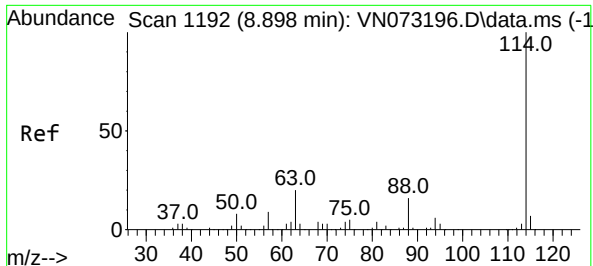
Tgt Ion:168 Resp: 269960
Ion Ratio Lower Upper
168 100
99 60.0 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 46.183 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073428.D
Acq: 12 Jul 2022 10:39

Tgt Ion: 65 Resp: 179983
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073428.D

Acq: 12 Jul 2022 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0712MBL01

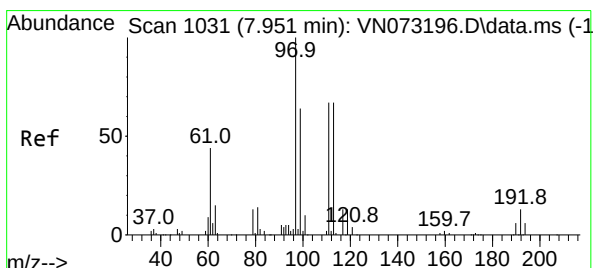
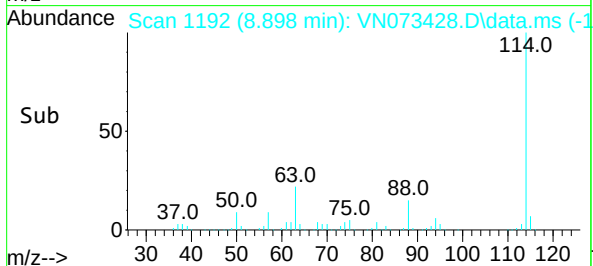
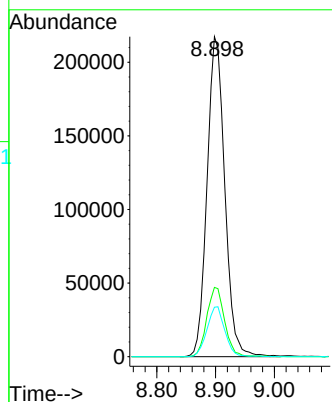
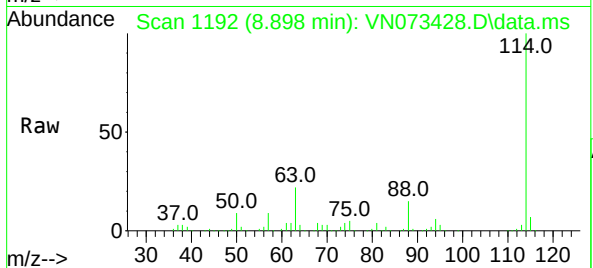
Tgt Ion:114 Resp: 454913

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.820 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073428.D

Acq: 12 Jul 2022 10:39

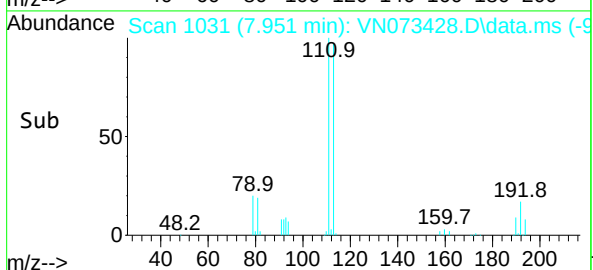
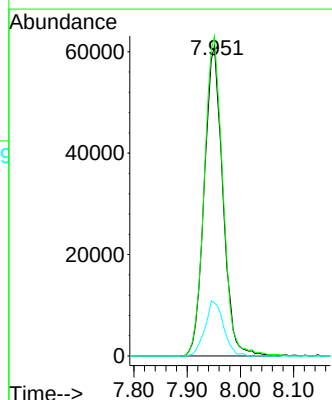
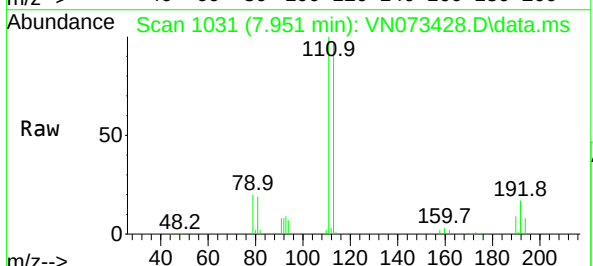
Tgt Ion:113 Resp: 147758

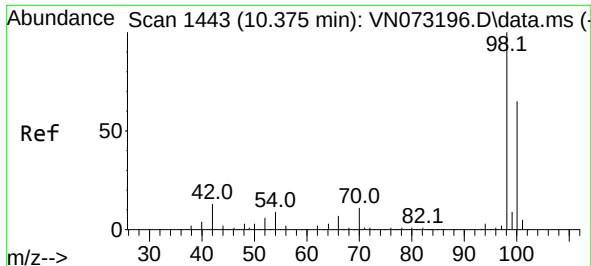
Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 17.9 17.0 25.6

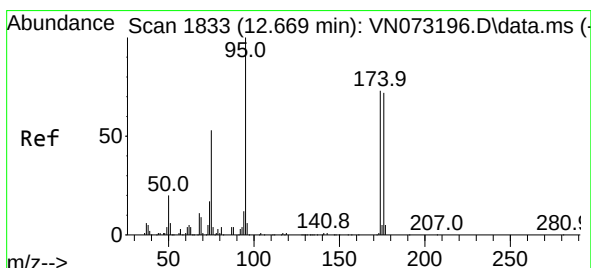
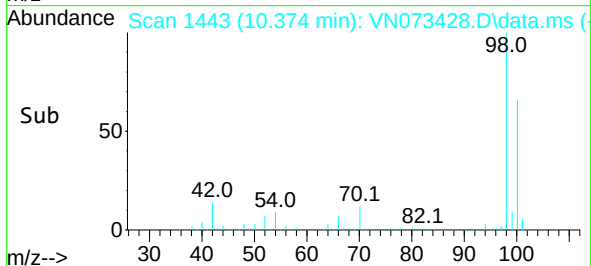
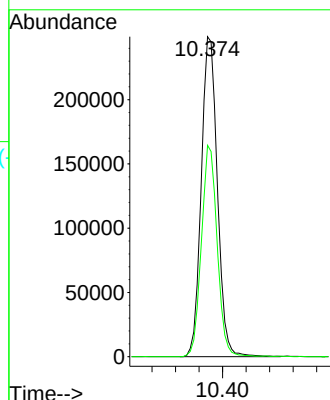
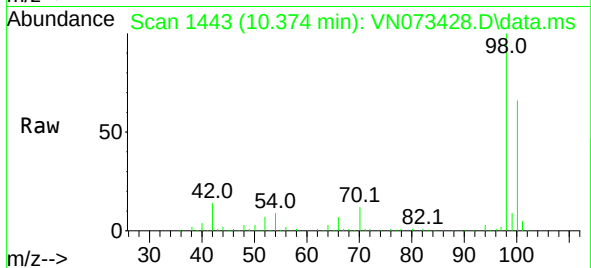




#50
Toluene-d8
Concen: 43.969 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.001 min
Lab File: VN073428.D
Acq: 12 Jul 2022 10:39

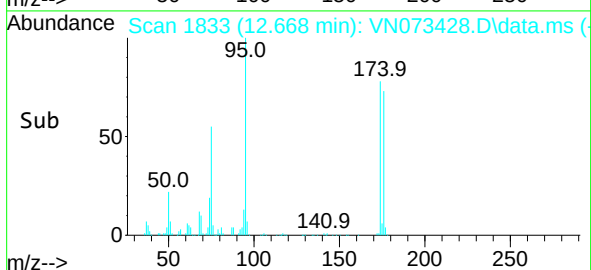
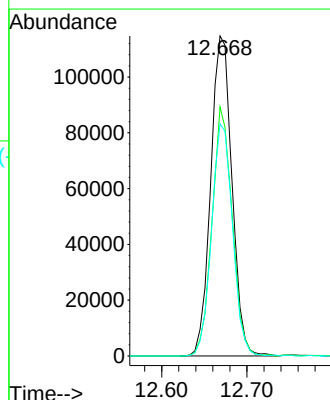
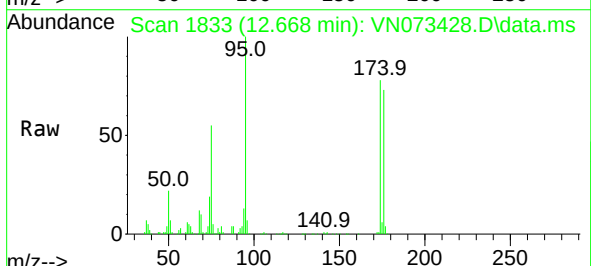
Instrument :
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VN0712MBL01

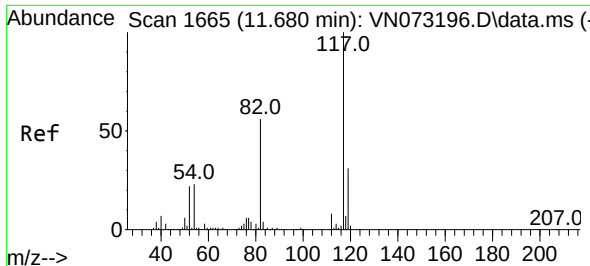
Tgt Ion: 98 Resp: 472642
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.110 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073428.D
Acq: 12 Jul 2022 10:39

Tgt Ion: 95 Resp: 198740
Ion Ratio Lower Upper
95 100
174 74.0 0.0 167.6
176 71.5 0.0 163.4

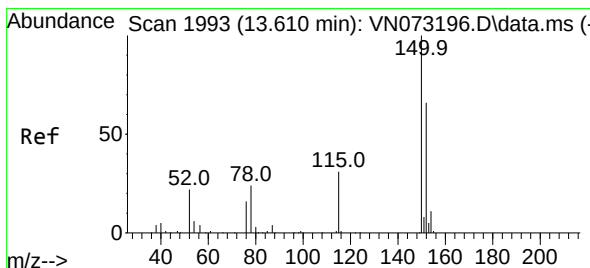
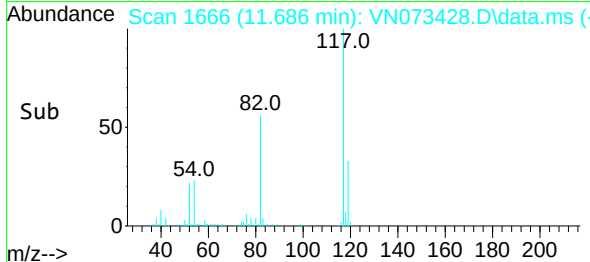
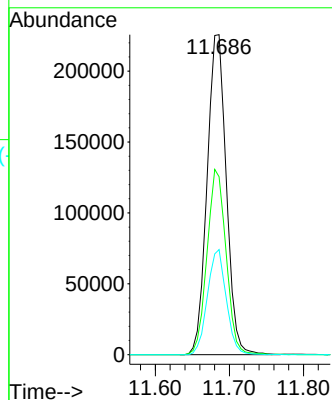
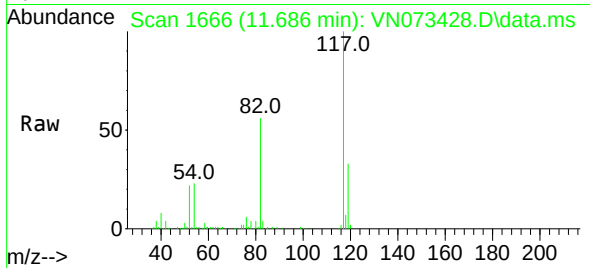




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.006 min
Lab File: VN073428.D
Acq: 12 Jul 2022 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

Tgt Ion:117 Resp: 407005
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073428.D
Acq: 12 Jul 2022 10:39

Tgt Ion:152 Resp: 189024
Ion Ratio Lower Upper
152 100
115 60.3 28.9 86.7
150 156.8 0.0 356.2

