

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071522\
 Data File : VN073476.D
 Acq On : 15 Jul 2022 11:04
 Operator : JC\MD
 Sample : VN0715WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBL01

Quant Time: Jul 16 04:12:00 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	270133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	463037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	431249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	190027	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	197644	50.682	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.360%
35) Dibromofluoromethane	7.951	113	163329	53.018	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.040%
50) Toluene-d8	10.380	98	522465	47.751	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.500%
62) 4-Bromofluorobenzene	12.668	95	216402	51.466	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.940%

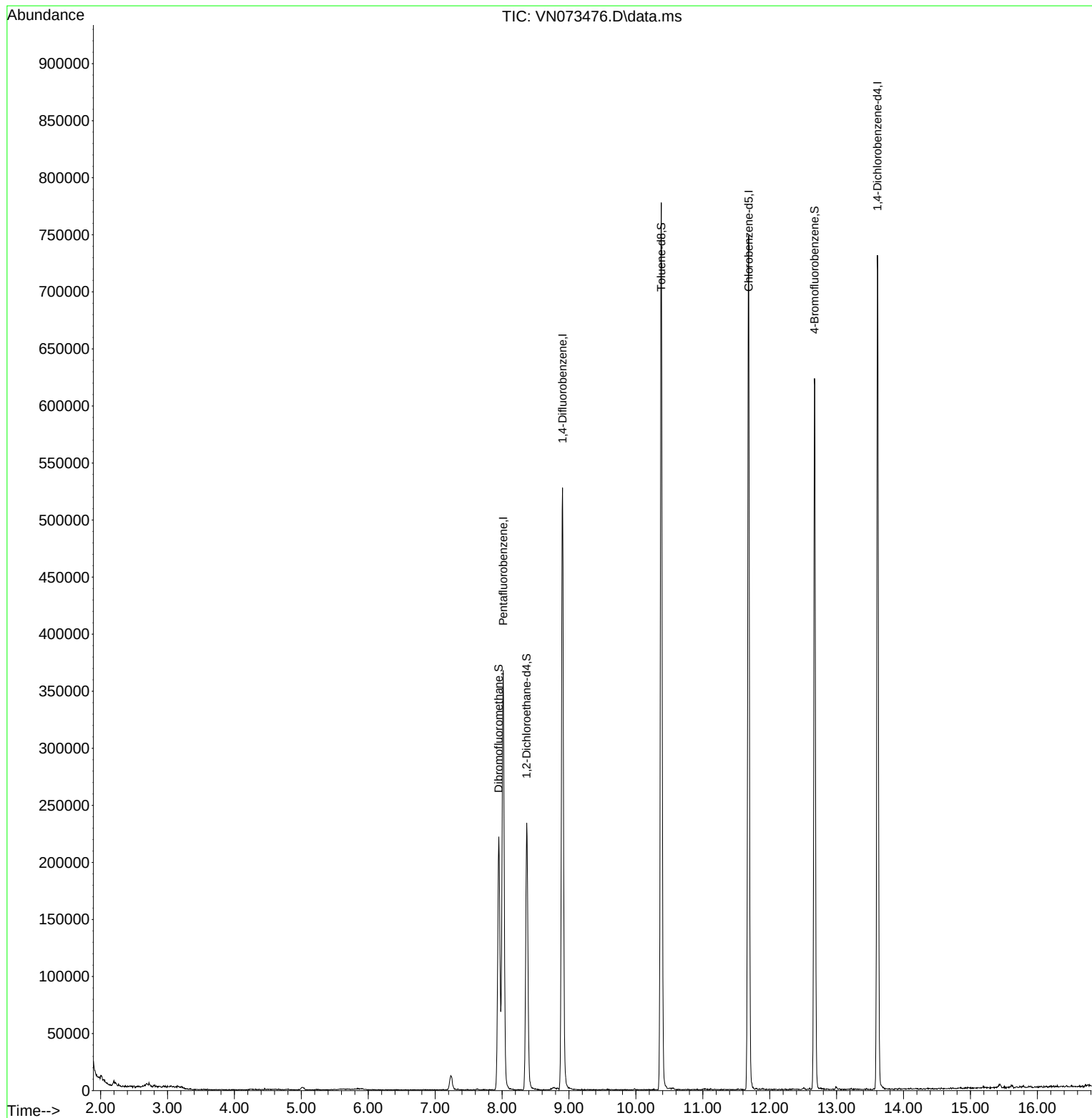
Target Compounds	Qvalue

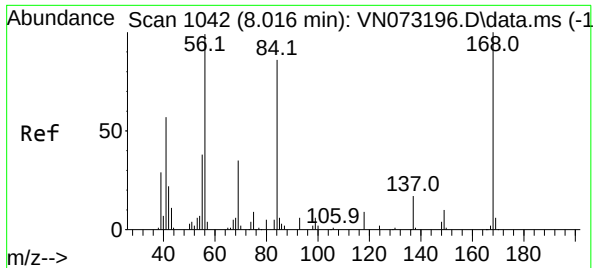
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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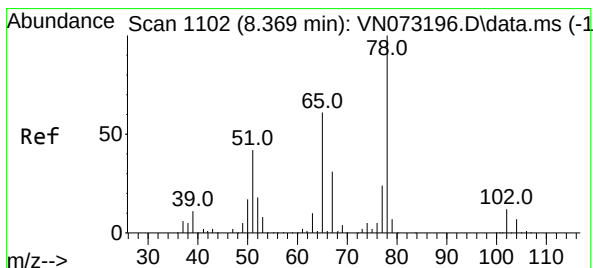
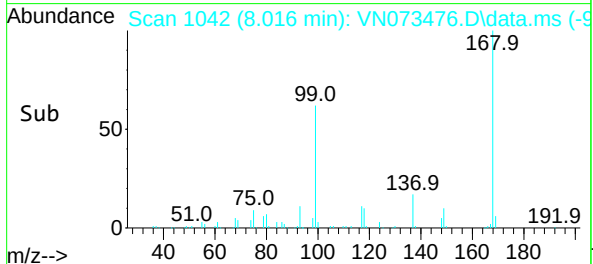
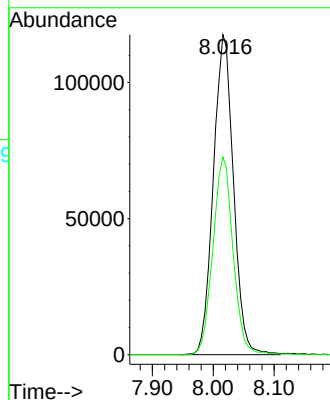
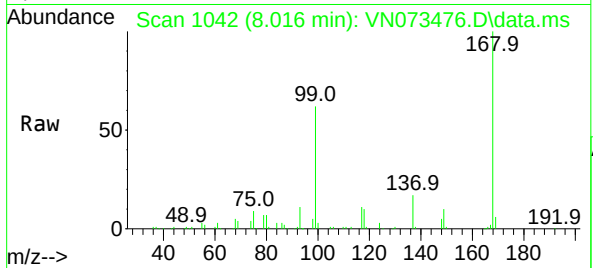




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073476.D
Acq: 15 Jul 2022 11:04

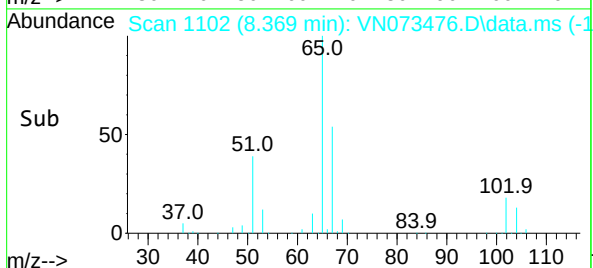
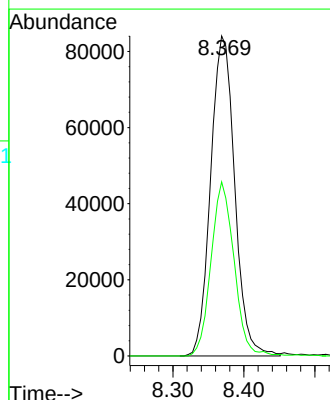
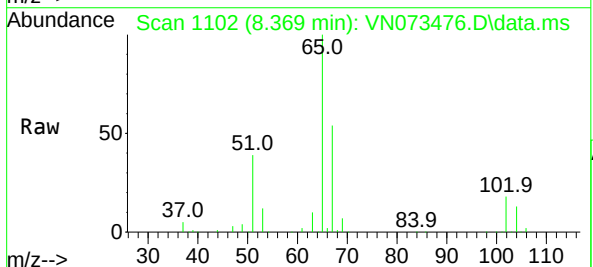
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBL01

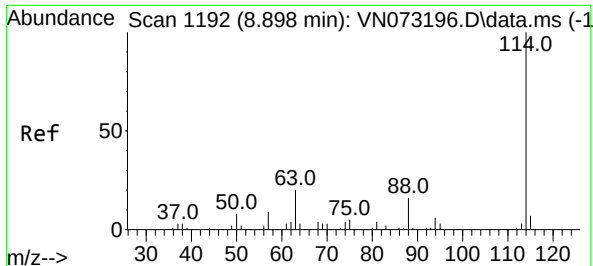
Tgt Ion:168 Resp: 270133
Ion Ratio Lower Upper
168 100
99 61.7 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 50.682 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073476.D
Acq: 15 Jul 2022 11:04

Tgt Ion: 65 Resp: 197644
Ion Ratio Lower Upper
65 100
67 52.0 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: VN073476.D

Acq: 15 Jul 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBL01

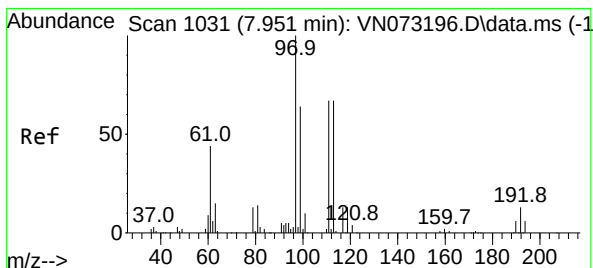
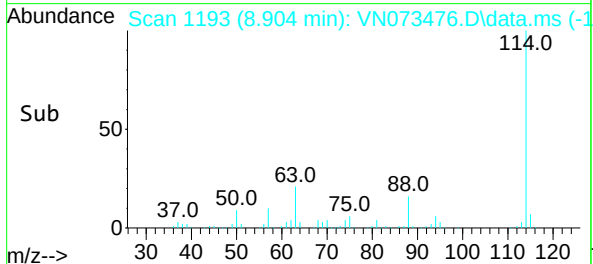
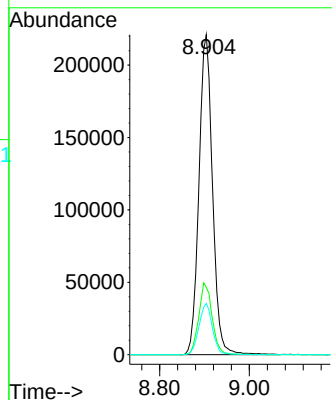
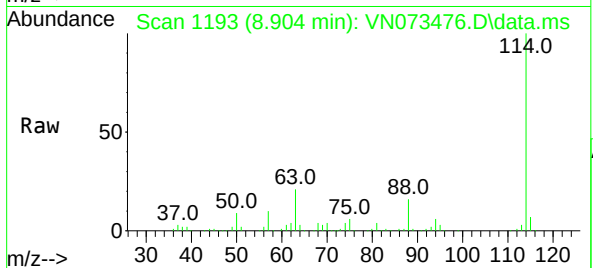
Tgt Ion:114 Resp: 463037

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.018 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073476.D

Acq: 15 Jul 2022 11:04

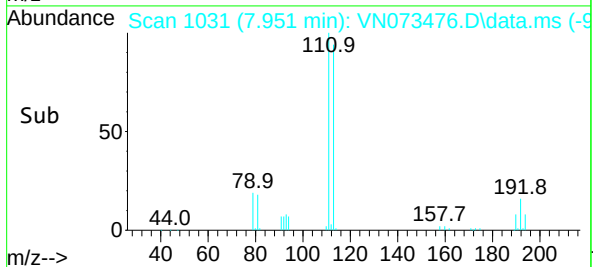
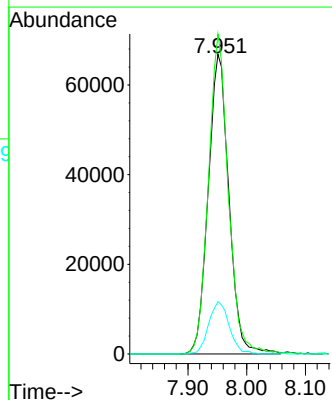
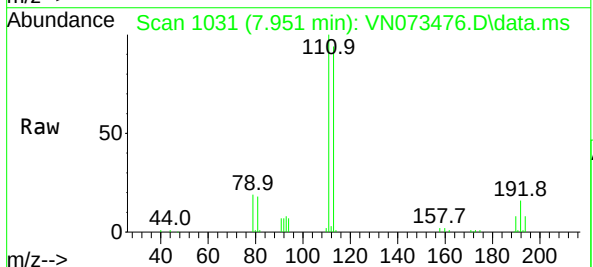
Tgt Ion:113 Resp: 163329

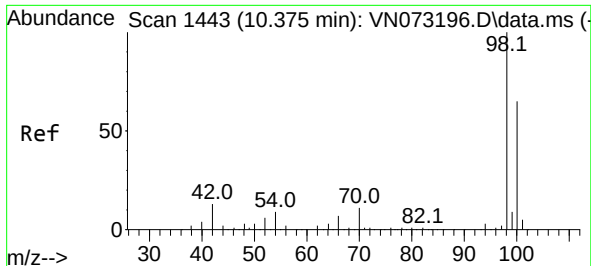
Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 17.4 17.0 25.6

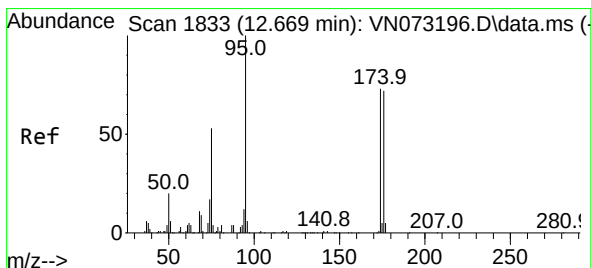
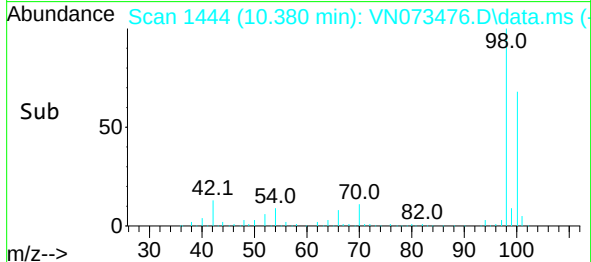
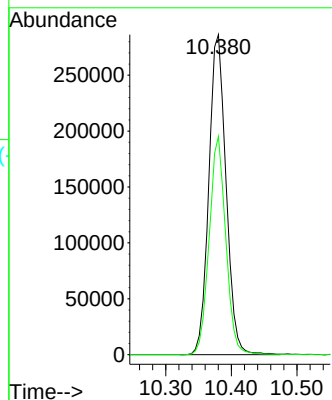
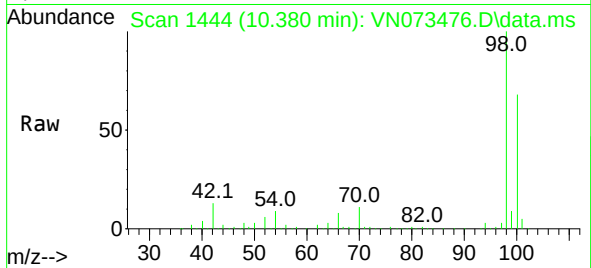




#50
Toluene-d8
Concen: 47.751 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073476.D
Acq: 15 Jul 2022 11:04

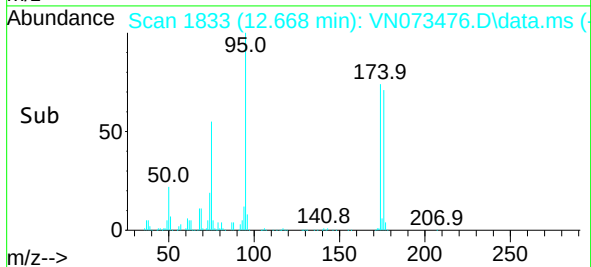
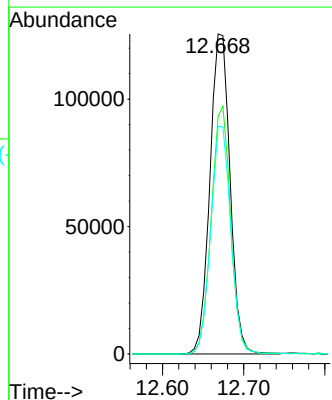
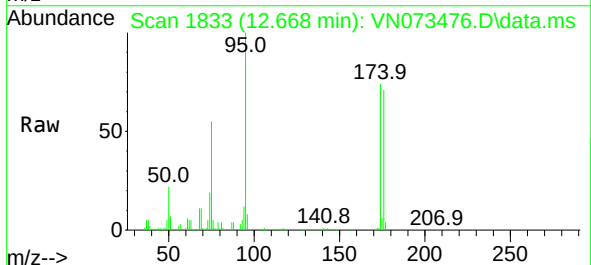
Instrument :
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VN0715WBL01

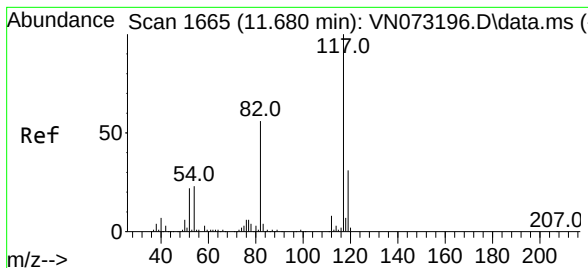
Tgt Ion: 98 Resp: 522465
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.466 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073476.D
Acq: 15 Jul 2022 11:04

Tgt Ion: 95 Resp: 216402
Ion Ratio Lower Upper
95 100
174 74.6 0.0 167.6
176 70.8 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073476.D

Acq: 15 Jul 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBL01

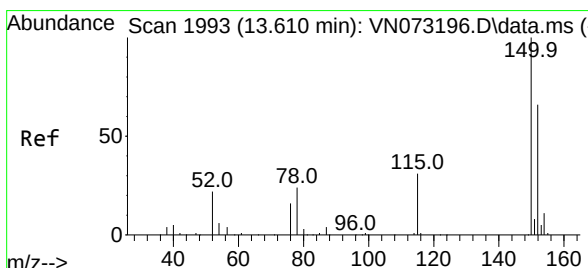
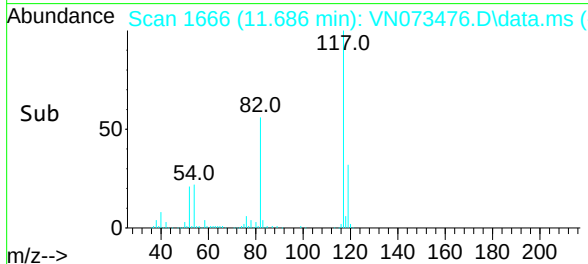
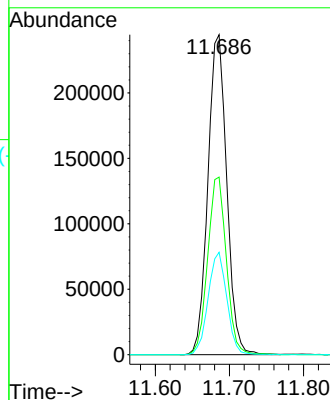
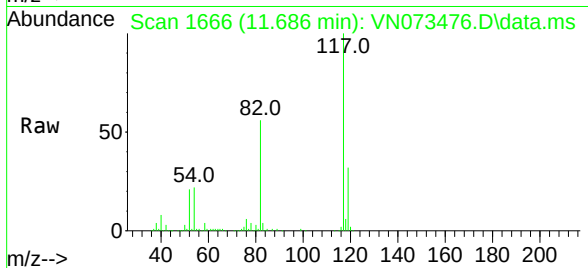
Tgt Ion:117 Resp: 431249

Ion Ratio Lower Upper

117 100

82 55.5 44.2 66.2

119 32.0 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: VN073476.D

Acq: 15 Jul 2022 11:04

Tgt Ion:152 Resp: 190027

Ion Ratio Lower Upper

152 100

115 62.7 28.9 86.7

150 160.1 0.0 356.2

