

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073498.D
 Acq On : 18 Jul 2022 14:51
 Operator : JC\MD
 Sample : N3711-07
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PSC124055

Quant Time: Jul 18 15:32:09 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	8.004	168	252505	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	428824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	421831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	215494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	167084	45.837	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.680%
35) Dibromofluoromethane	7.939	113	133776	46.889	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.780%
50) Toluene-d8	10.375	98	463941	45.785	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.580%
62) 4-Bromofluorobenzene	12.674	95	213794	54.903	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.800%

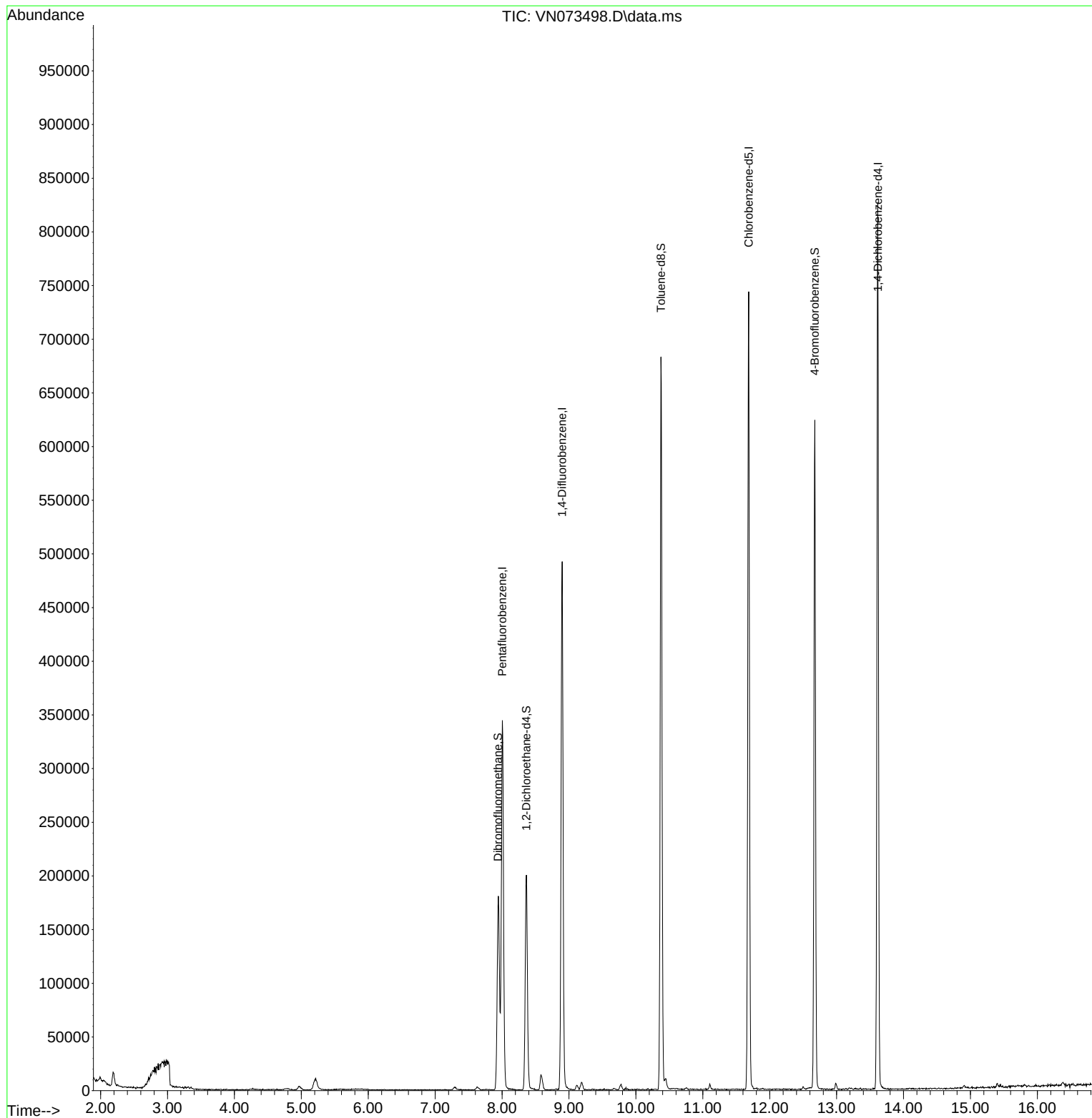
Target Compounds	Qvalue

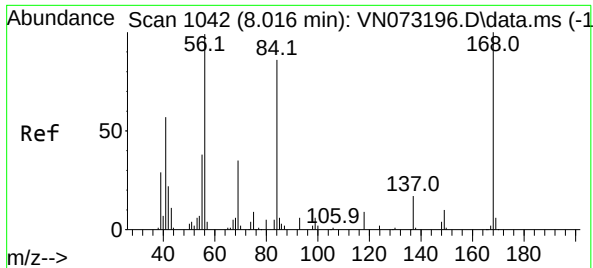
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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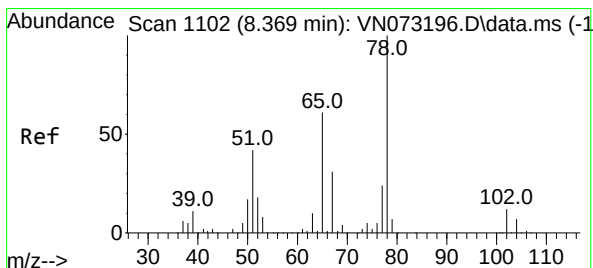
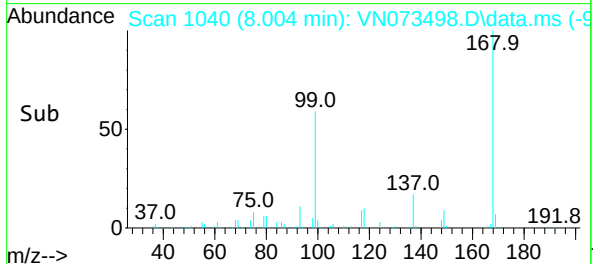
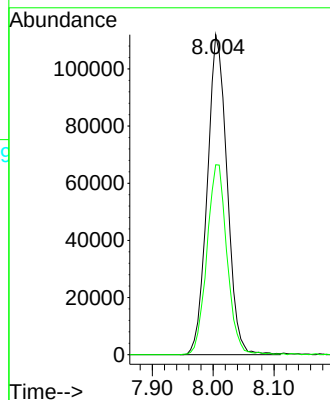
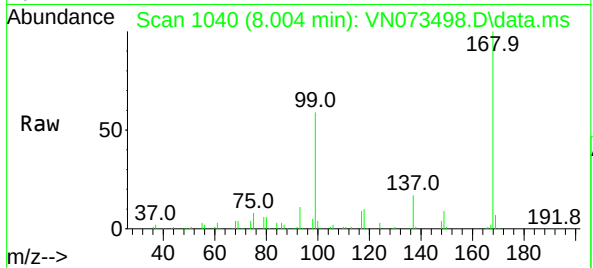




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1101
Delta R.T. -0.012 min
Lab File: VN073498.D
Acq: 18 Jul 2022 14:51

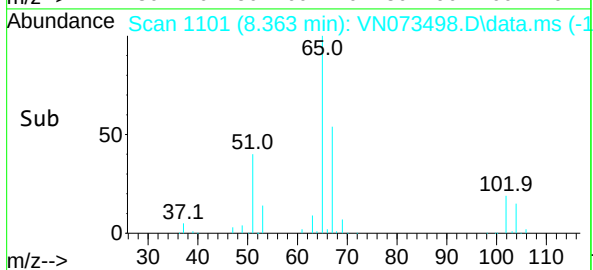
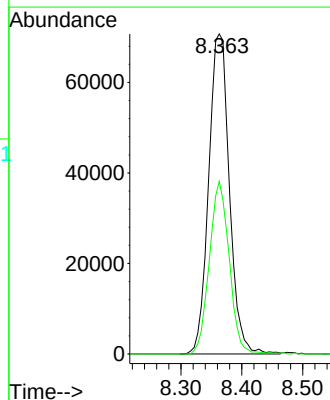
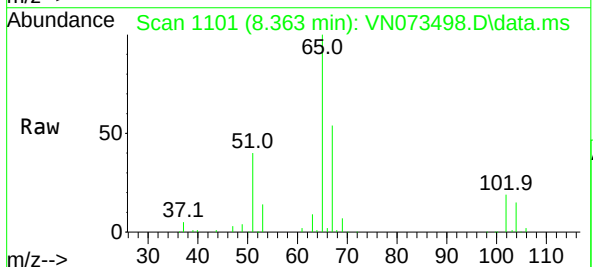
Instrument :
MSVOA_N
ClientSampleId :
PSC124055

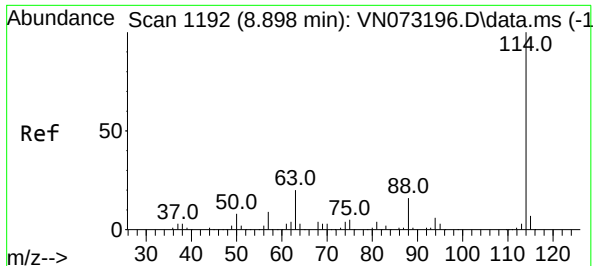
Tgt Ion:168 Resp: 252505
Ion Ratio Lower Upper
168 100
99 59.4 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 45.837 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073498.D
Acq: 18 Jul 2022 14:51

Tgt Ion: 65 Resp: 167084
Ion Ratio Lower Upper
65 100
67 51.6 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: VN073498.D

Acq: 18 Jul 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

PSC124055

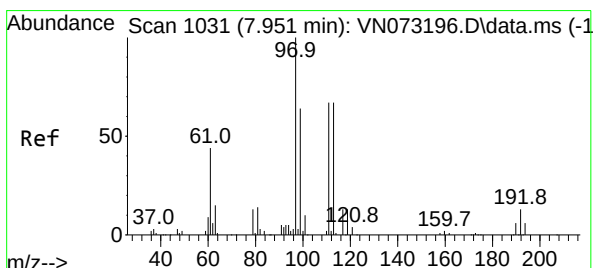
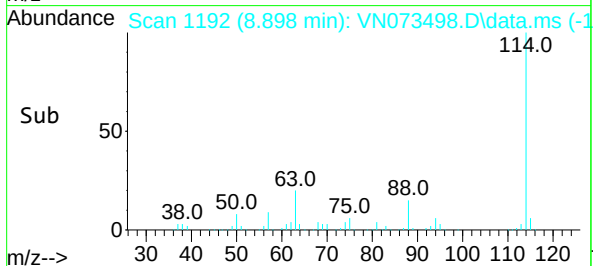
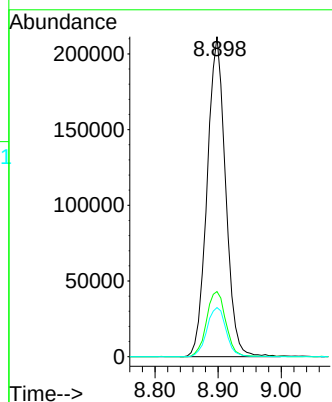
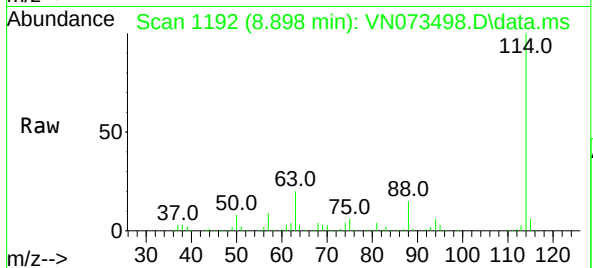
Tgt Ion:114 Resp: 428824

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.889 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VN073498.D

Acq: 18 Jul 2022 14:51

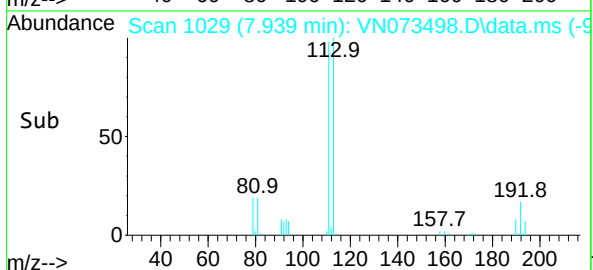
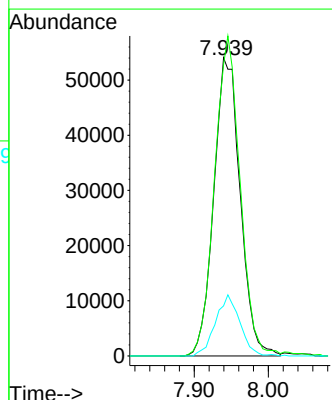
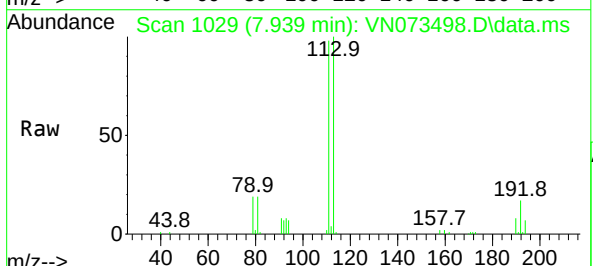
Tgt Ion:113 Resp: 133776

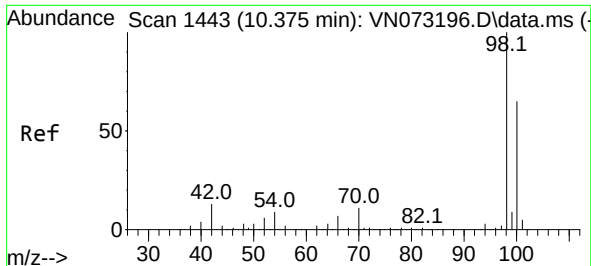
Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.0

192 19.0 17.0 25.6

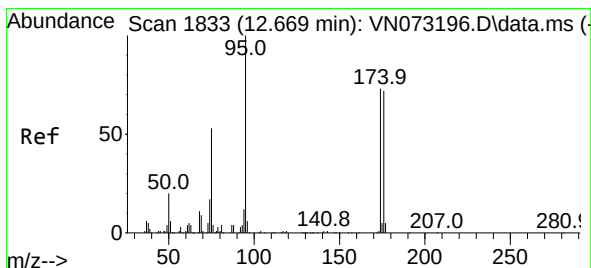
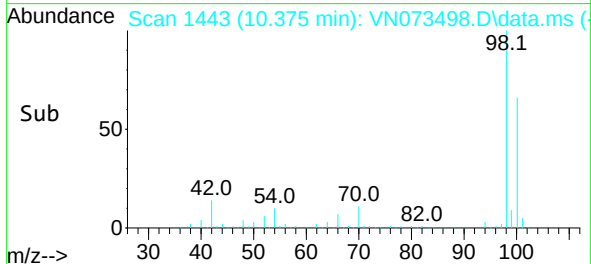
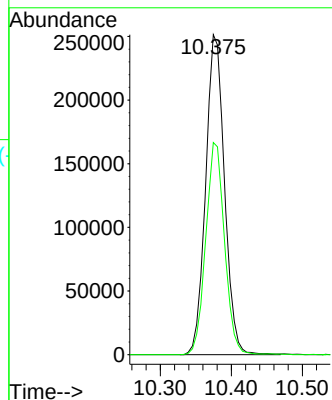
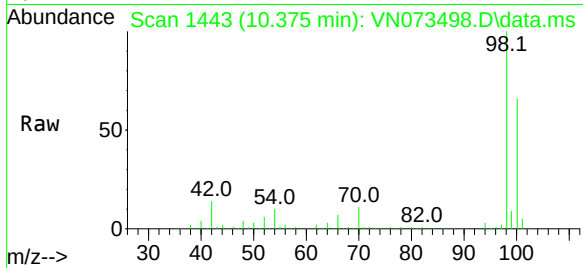




#50
Toluene-d8
Concen: 45.785 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073498.D
Acq: 18 Jul 2022 14:51

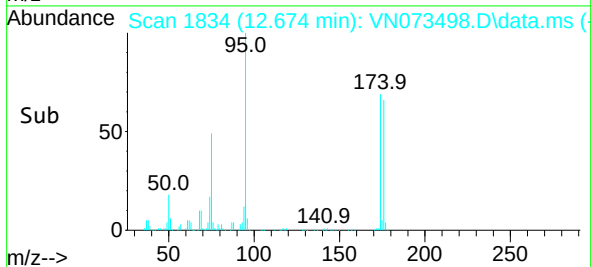
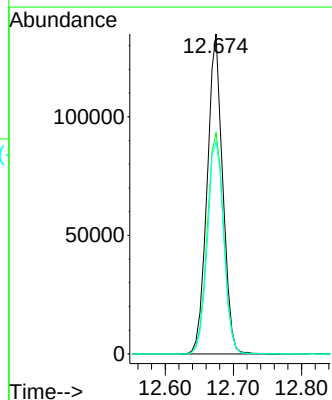
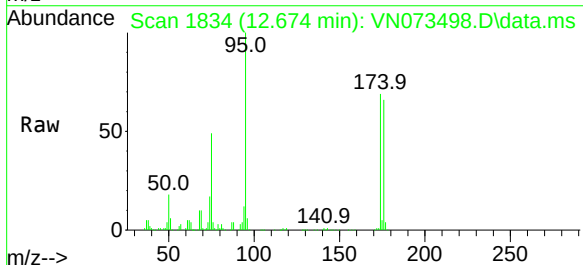
Instrument :
MSVOA_N
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PSC124055

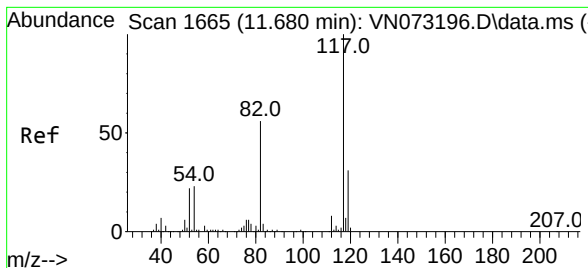
Tgt Ion: 98 Resp: 463941
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.903 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073498.D
Acq: 18 Jul 2022 14:51

Tgt Ion: 95 Resp: 213794
Ion Ratio Lower Upper
95 100
174 73.6 0.0 167.6
176 69.8 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: VN073498.D

Acq: 18 Jul 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

PSC124055

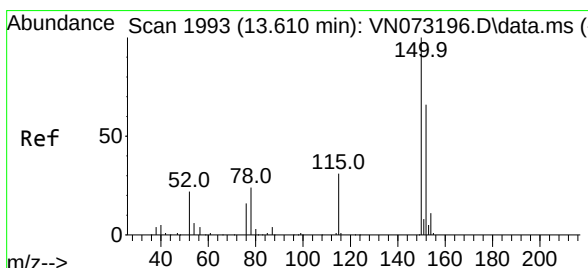
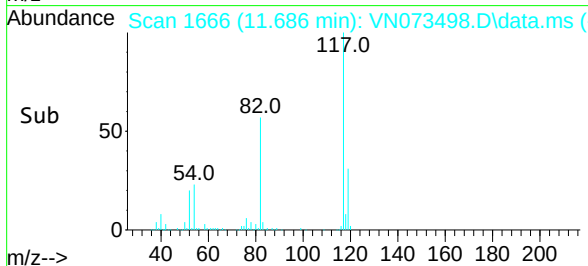
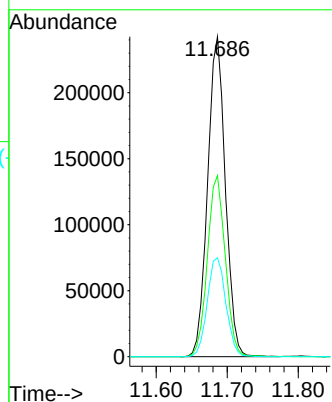
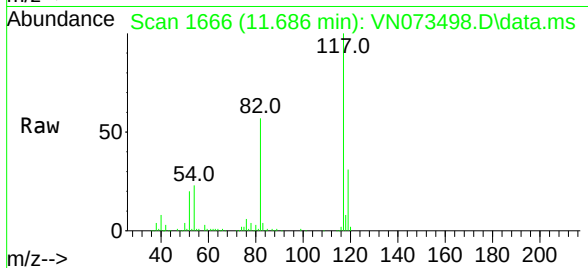
Tgt Ion:117 Resp: 421831

Ion Ratio Lower Upper

117 100

82 56.6 44.2 66.2

119 30.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VN073498.D

Acq: 18 Jul 2022 14:51

Tgt Ion:152 Resp: 215494

Ion Ratio Lower Upper

152 100

115 60.0 28.9 86.7

150 156.4 0.0 356.2

