

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073495.D
 Acq On : 18 Jul 2022 13:37
 Operator : JC\MD
 Sample : N3711-01
 Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PSC124019

Quant Time: Jul 18 15:31:09 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	8.010	168	251378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	430415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	426581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	214394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	164063	45.210	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.420%
35) Dibromofluoromethane	7.945	113	135748	47.404	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.800%
50) Toluene-d8	10.374	98	462900	45.514	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.020%
62) 4-Bromofluorobenzene	12.674	95	212644	54.405	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.820%

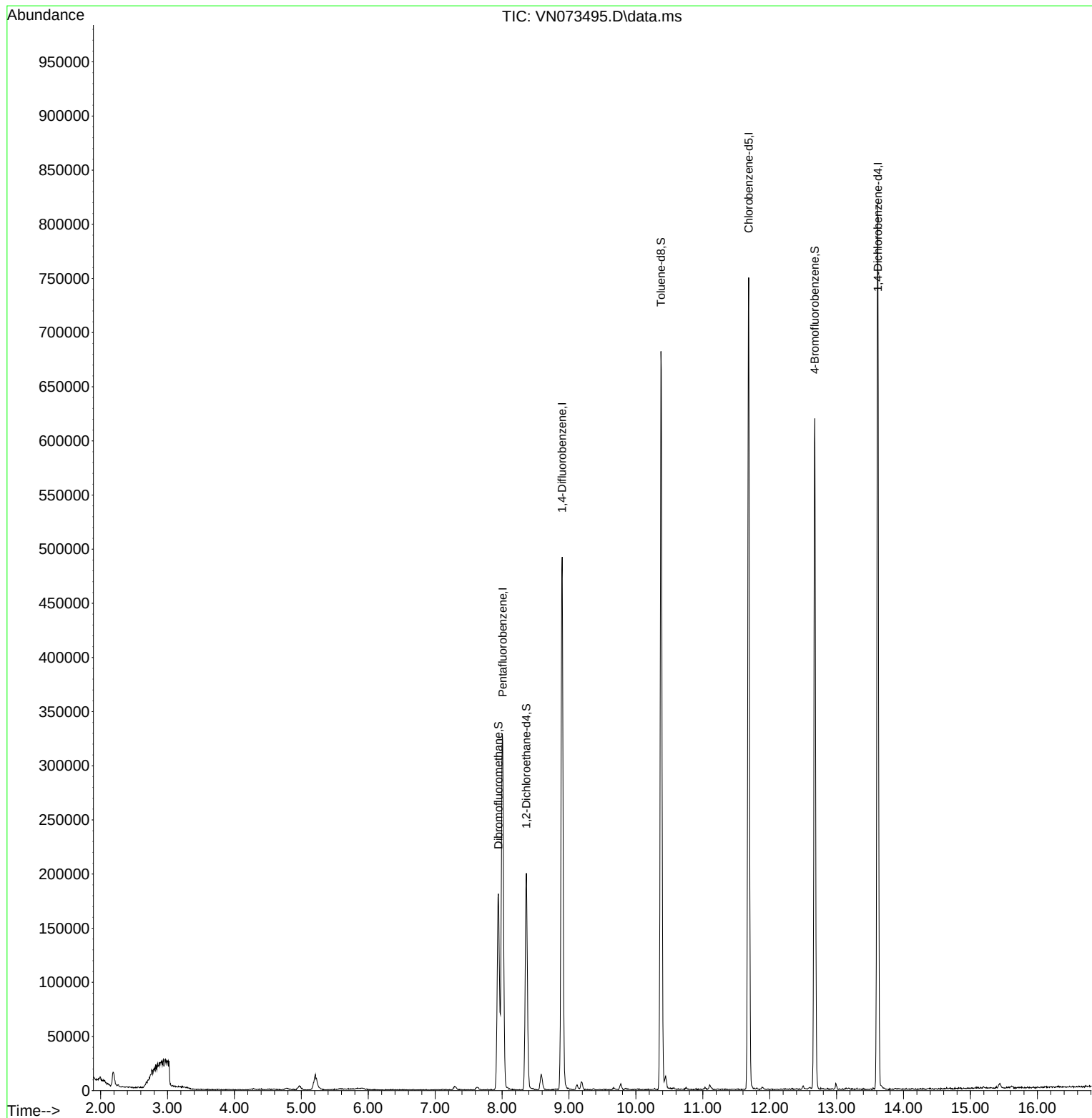
Target Compounds	Qvalue

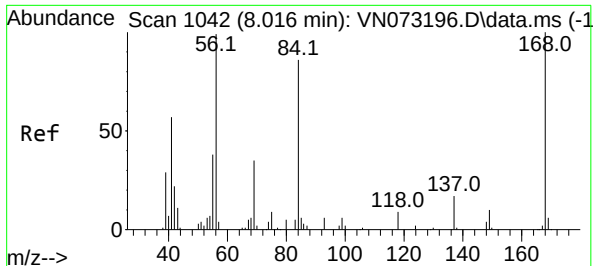
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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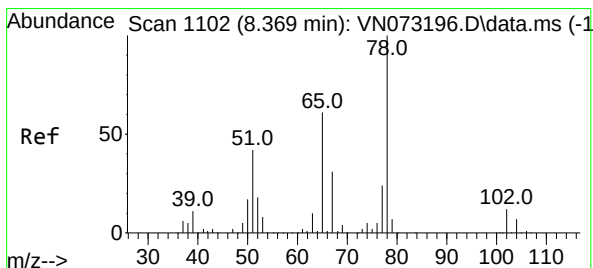
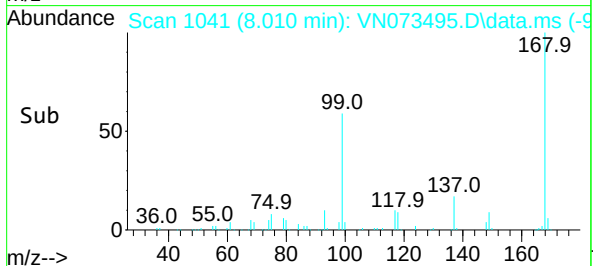
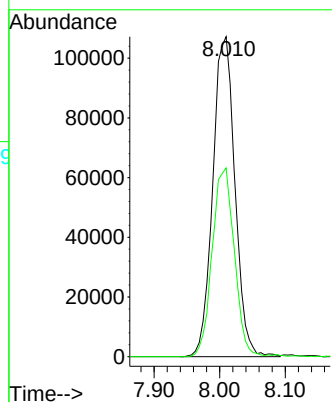
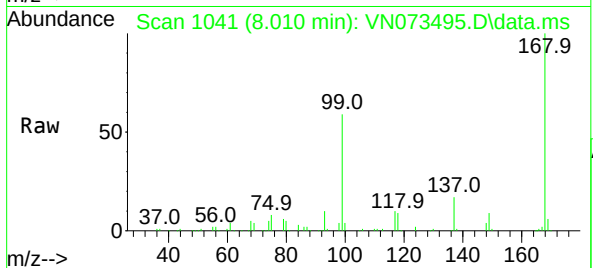




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

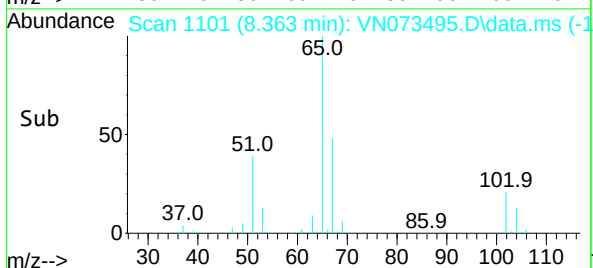
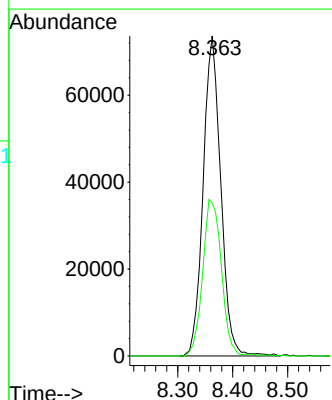
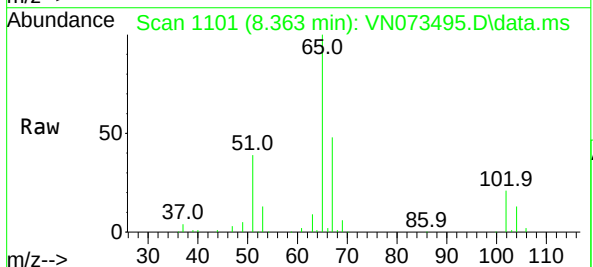
Instrument :
MSVOA_N
ClientSampleId :
PSC124019

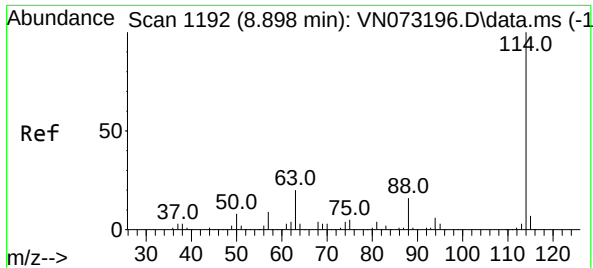
Tgt Ion:168 Resp: 251378
Ion Ratio Lower Upper
168 100
99 59.0 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 45.210 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

Tgt Ion: 65 Resp: 164063
Ion Ratio Lower Upper
65 100
67 51.8 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: VN073495.D

Acq: 18 Jul 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

PSC124019

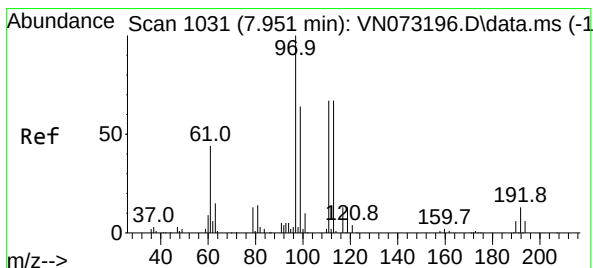
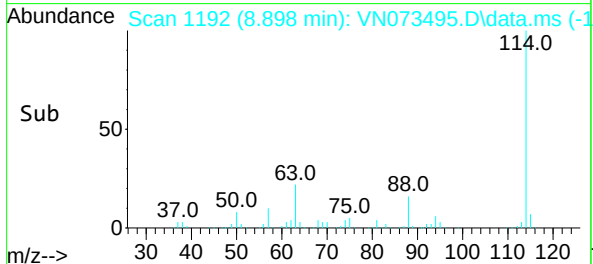
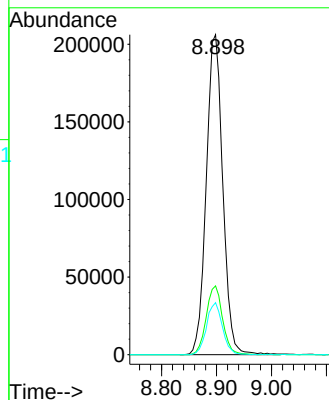
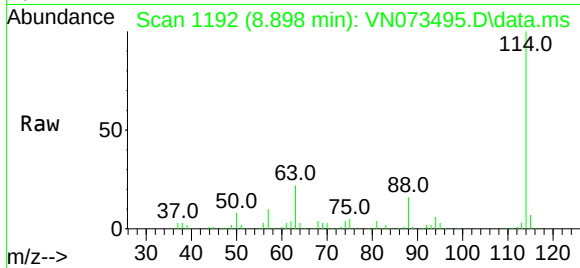
Tgt Ion:114 Resp: 430415

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.404 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073495.D

Acq: 18 Jul 2022 13:37

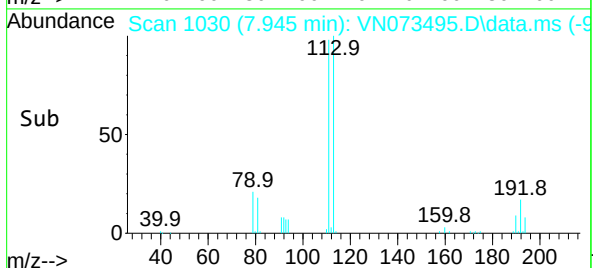
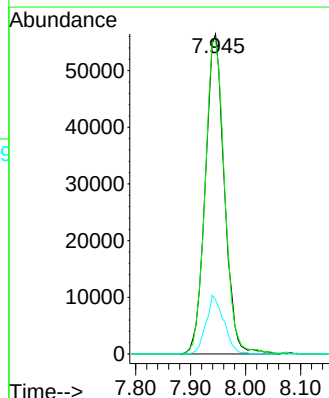
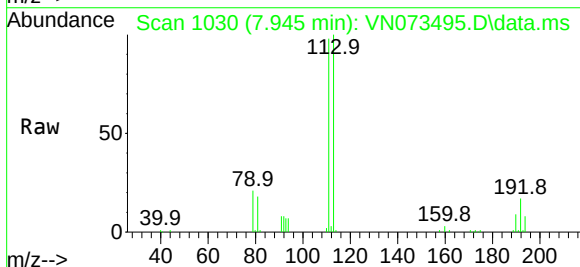
Tgt Ion:113 Resp: 135748

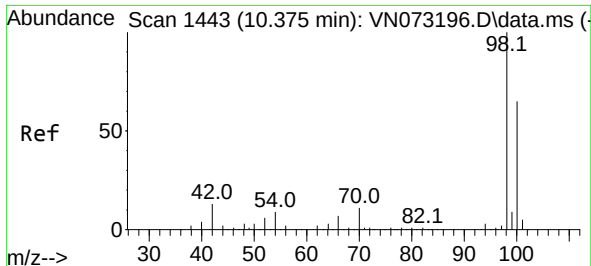
Ion Ratio Lower Upper

113 100

111 100.8 81.4 122.0

192 17.1 17.0 25.6

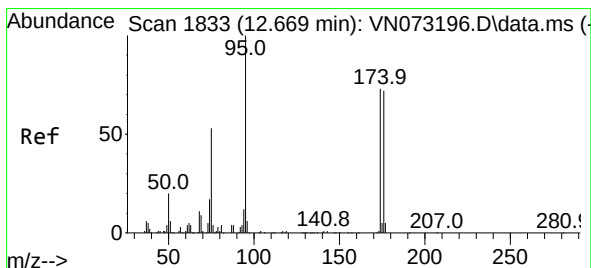
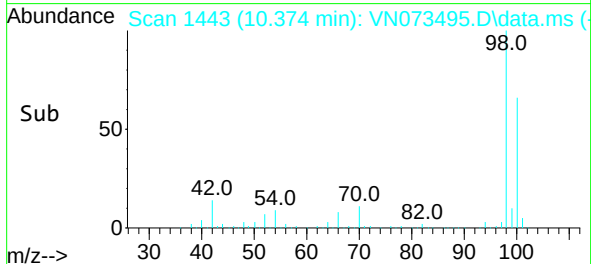
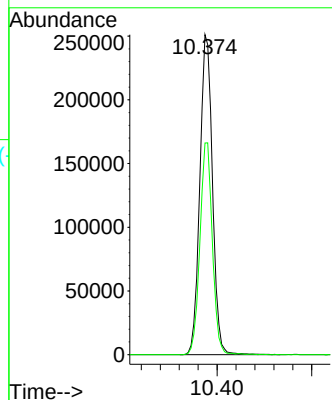
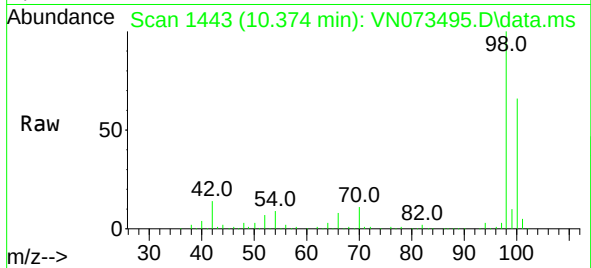




#50
Toluene-d8
Concen: 45.514 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.001 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

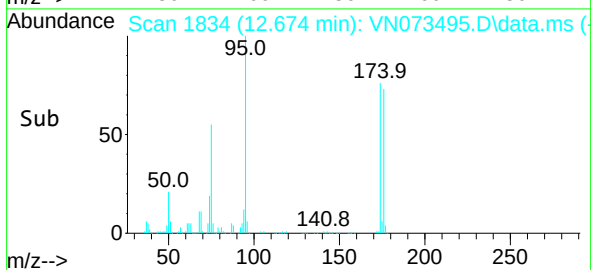
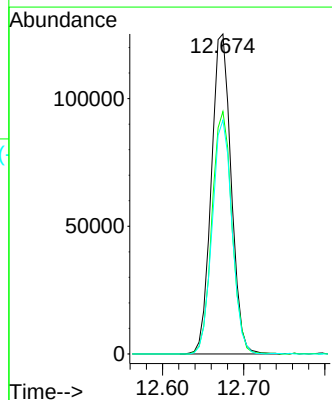
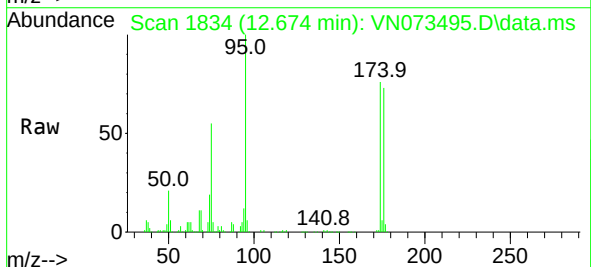
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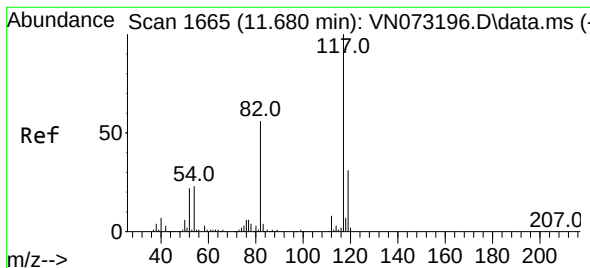
Tgt Ion: 98 Resp: 462900
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.405 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

Tgt Ion: 95 Resp: 212644
Ion Ratio Lower Upper
95 100
174 76.0 0.0 167.6
176 72.9 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: VN073495.D

Acq: 18 Jul 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

PSC124019

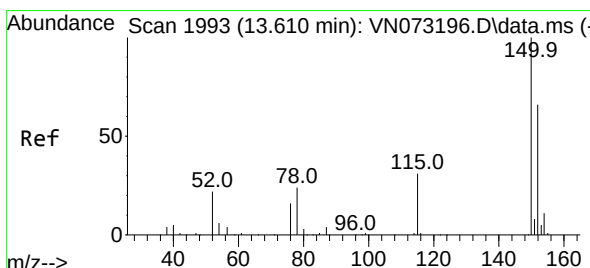
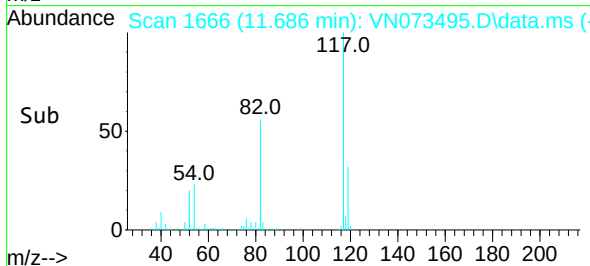
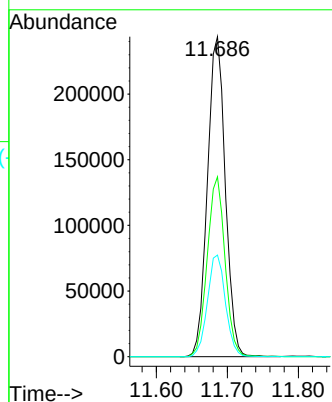
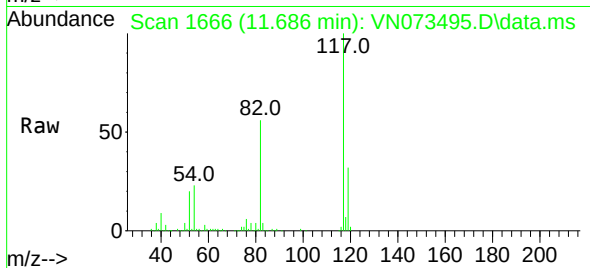
Tgt Ion:117 Resp: 426581

Ion Ratio Lower Upper

117 100

82 56.2 44.2 66.2

119 31.8 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: VN073495.D

Acq: 18 Jul 2022 13:37

Tgt Ion:152 Resp: 214394

Ion Ratio Lower Upper

152 100

115 61.2 28.9 86.7

150 160.0 0.0 356.2

