

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073981.D
 Acq On : 17 Aug 2022 17:11
 Operator : JC\MD
 Sample : N4204-28 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Quant Time: Aug 18 00:47:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

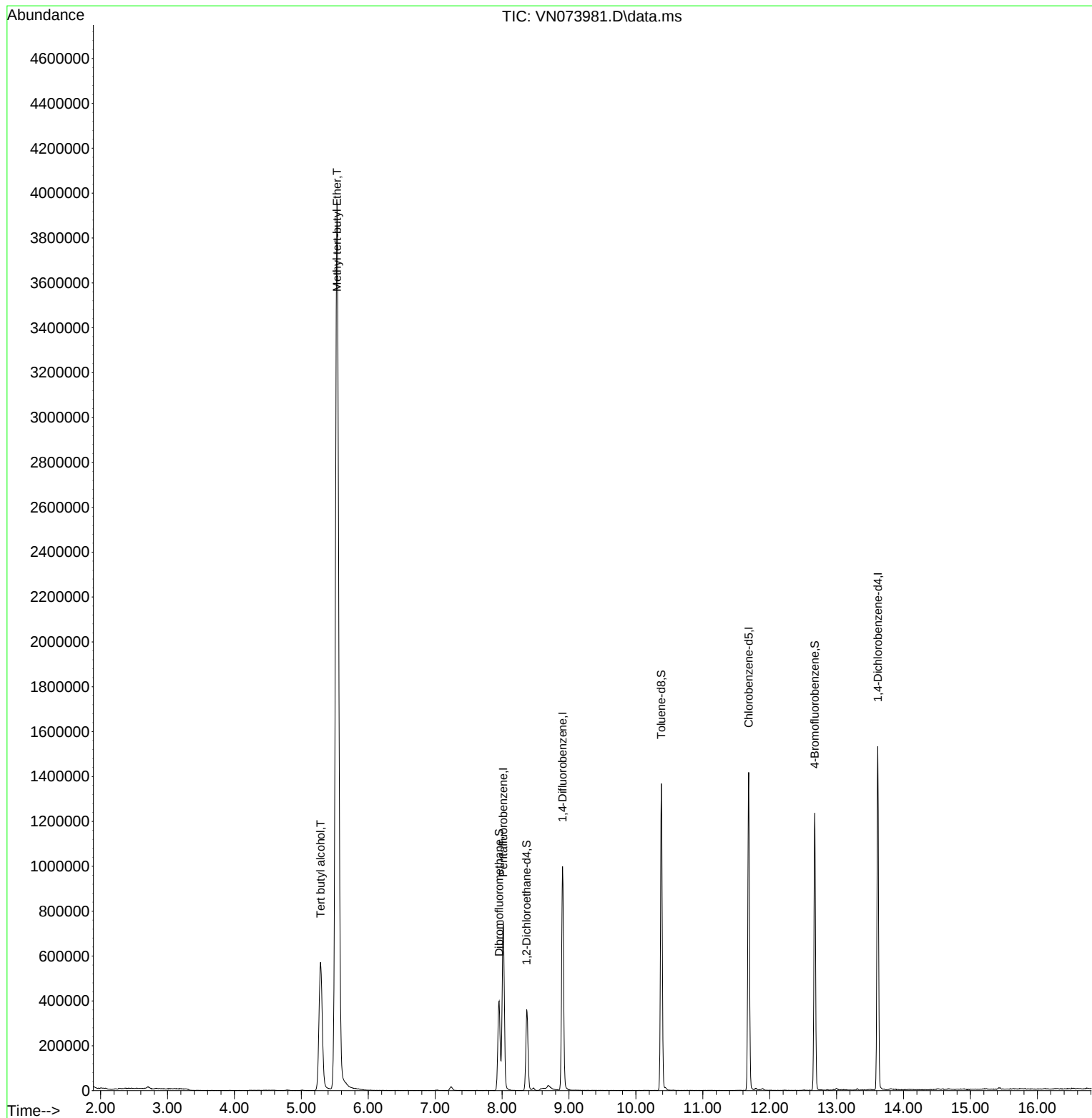
Internal Standards						
1) Pentafluorobenzene	8.016	168	648543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	944429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	881098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	452767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	305242	48.322	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.640%
35) Dibromofluoromethane	7.957	113	295308	52.873	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.740%
50) Toluene-d8	10.380	98	985932	45.579	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.160%
62) 4-Bromofluorobenzene	12.674	95	407754	56.798	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.600%
Target Compounds						
11) Tert butyl alcohol	5.287	59	1133072	801.911	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	7244383	392.976	ug/l	97

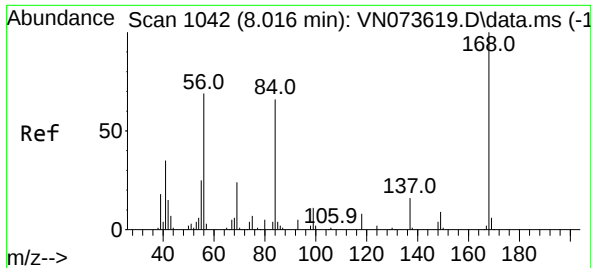
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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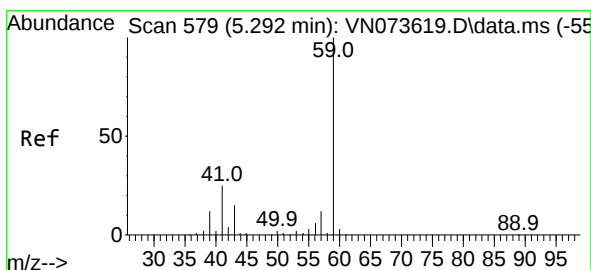
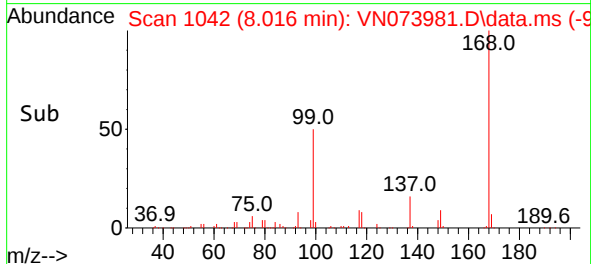
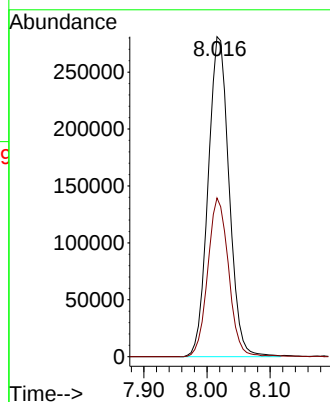
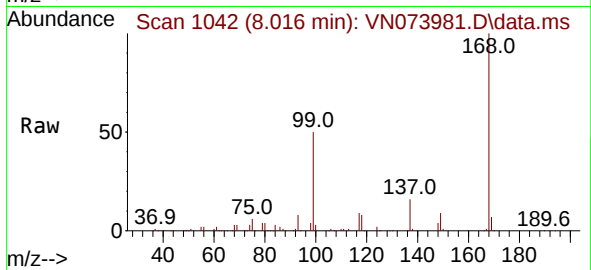




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073981.D
Acq: 17 Aug 2022 17:11

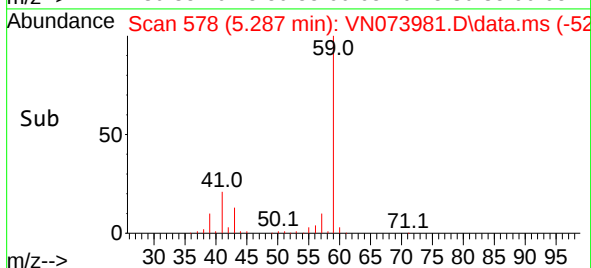
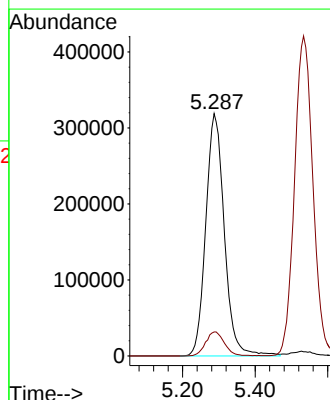
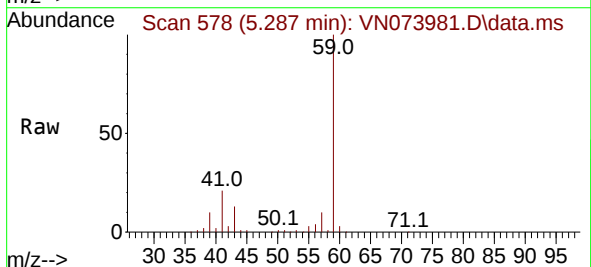
Instrument :
MSVOA_N
ClientSampleId :
MW-6

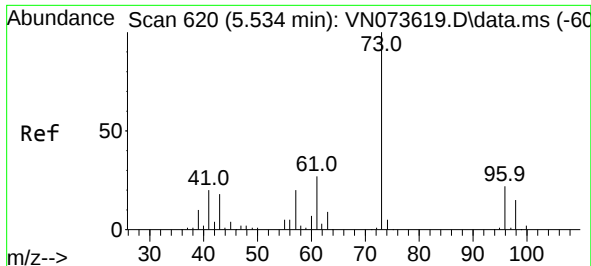
Tgt Ion:168 Resp: 648543
Ion Ratio Lower Upper
168 100
99 49.6 42.3 63.5



#11
Tert butyl alcohol
Concen: 801.911 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.005 min
Lab File: VN073981.D
Acq: 17 Aug 2022 17:11

Tgt Ion: 59 Resp: 1133072
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

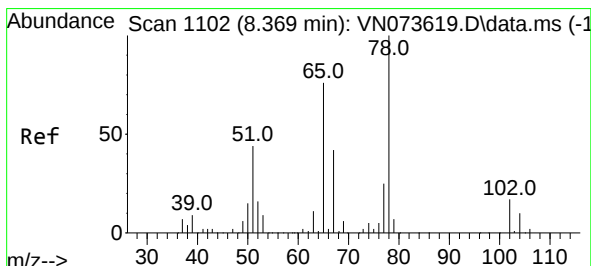
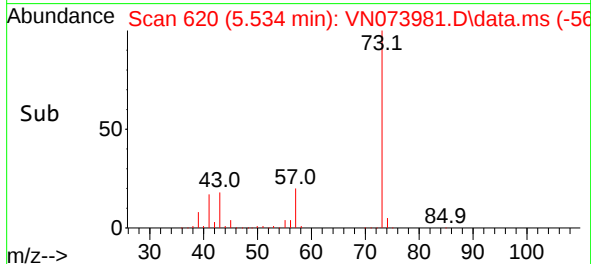
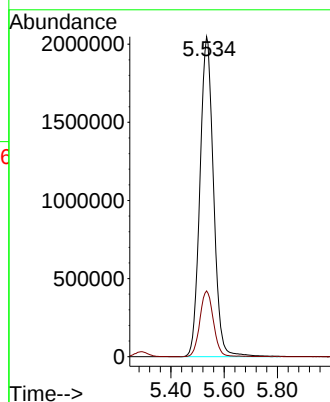
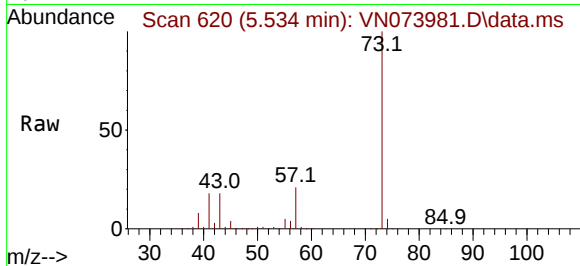




#19
Methyl tert-butyl Ether
Concen: 392.976 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN073981.D
Acq: 17 Aug 2022 17:11

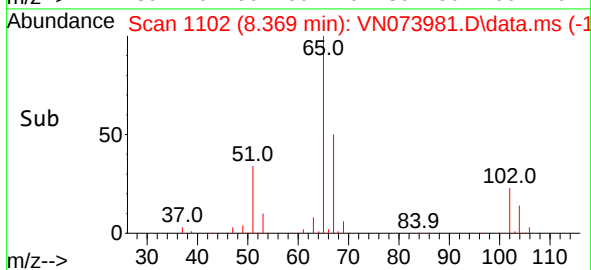
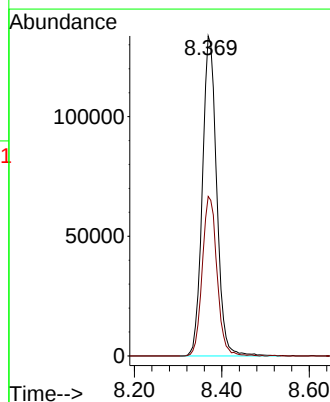
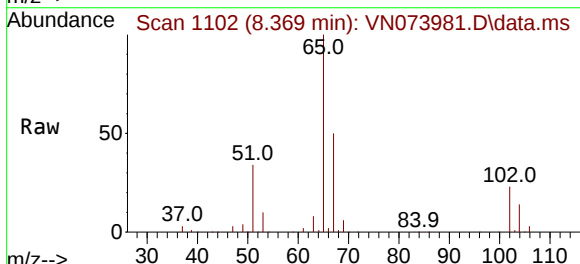
Instrument :
MSVOA_N
ClientSampleId :
MW-6

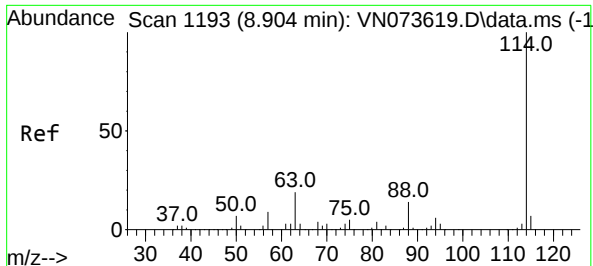
Tgt Ion: 73 Resp: 7244383
Ion Ratio Lower Upper
73 100
57 20.5 17.6 26.4



#33
1,2-Dichloroethane-d4
Concen: 48.322 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073981.D
Acq: 17 Aug 2022 17:11

Tgt Ion: 65 Resp: 305242
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073981.D

Acq: 17 Aug 2022 17:11

Instrument :

MSVOA_N

ClientSampleId :

MW-6

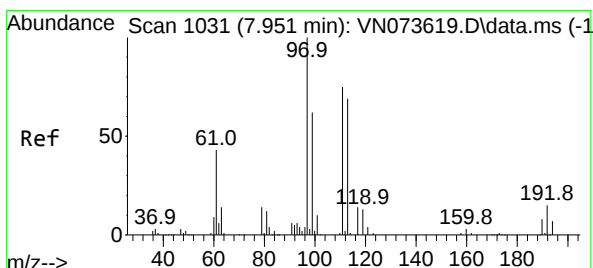
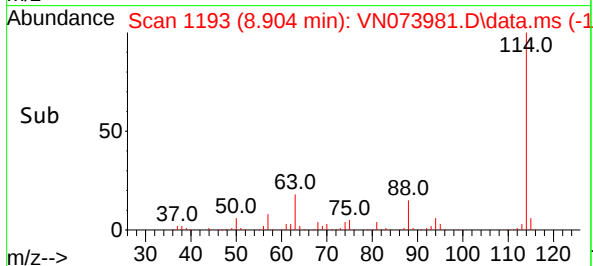
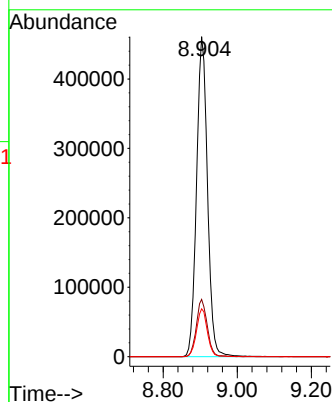
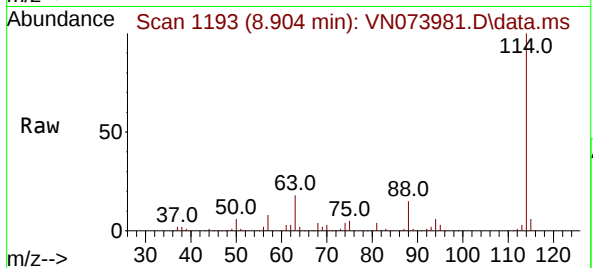
Tgt Ion:114 Resp: 944429

Ion Ratio Lower Upper

114 100

63 17.9 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.873 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073981.D

Acq: 17 Aug 2022 17:11

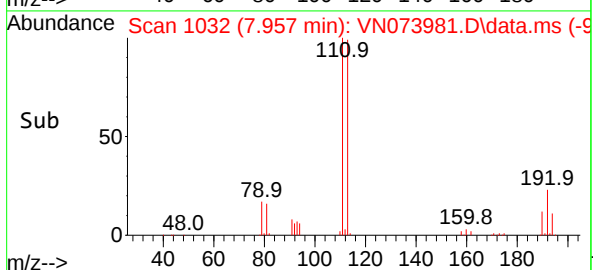
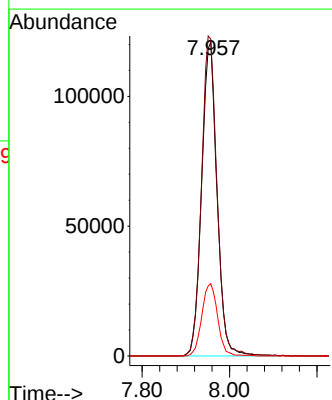
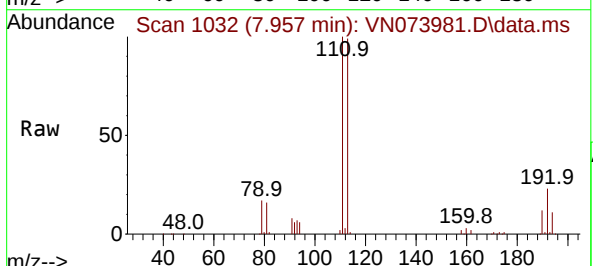
Tgt Ion:113 Resp: 295308

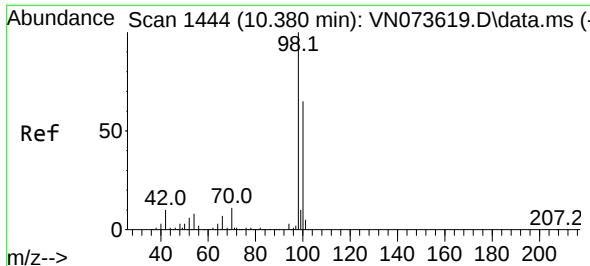
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 23.8 17.0 25.6

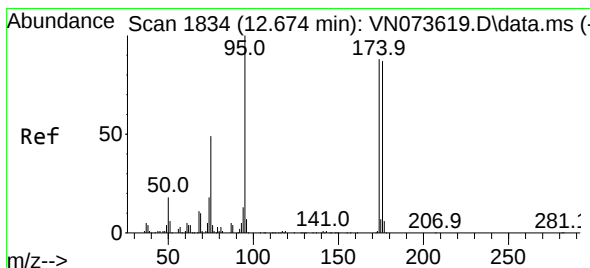
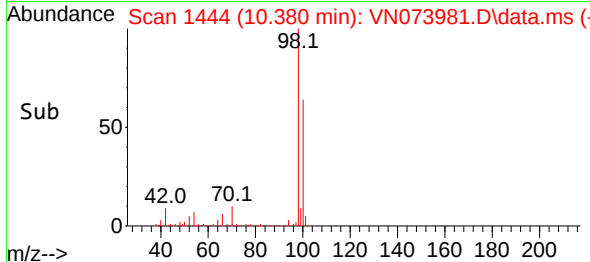
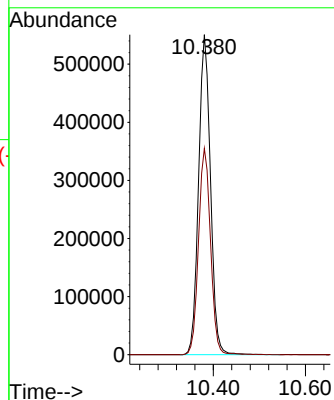
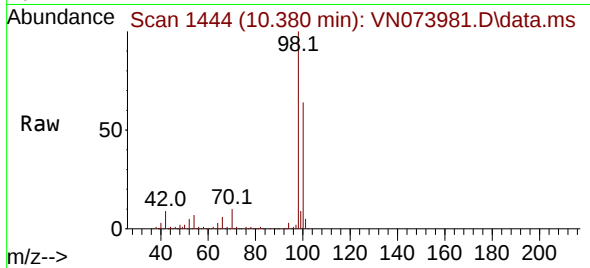




#50
Toluene-d8
Concen: 45.579 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073981.D
Acq: 17 Aug 2022 17:11

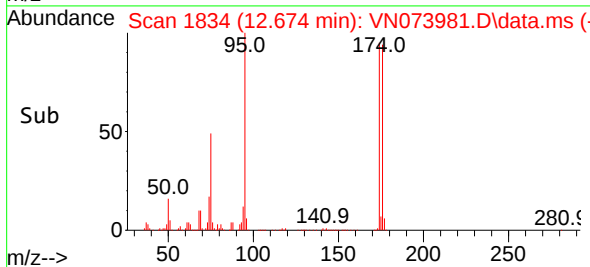
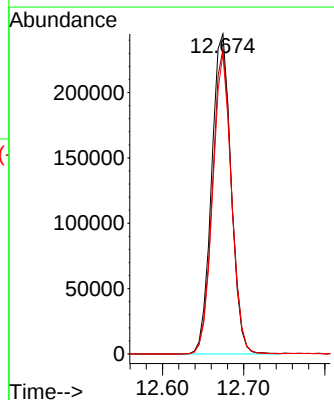
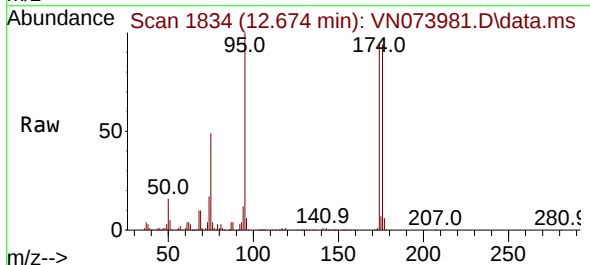
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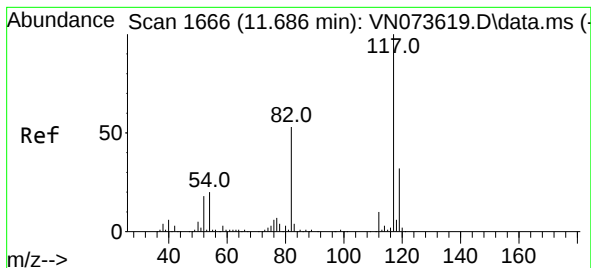
Tgt Ion: 98 Resp: 985932
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 56.798 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073981.D
Acq: 17 Aug 2022 17:11

Tgt Ion: 95 Resp: 407754
Ion Ratio Lower Upper
95 100
174 93.4 0.0 167.6
176 90.1 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073981.D

Acq: 17 Aug 2022 17:11

Instrument :

MSVOA_N

ClientSampleId :

MW-6

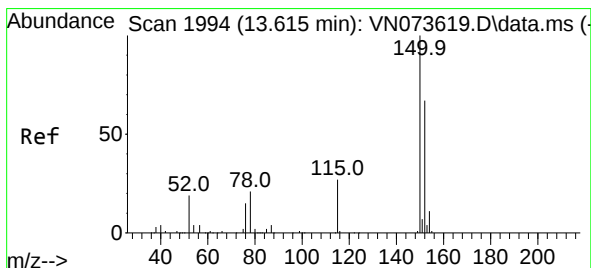
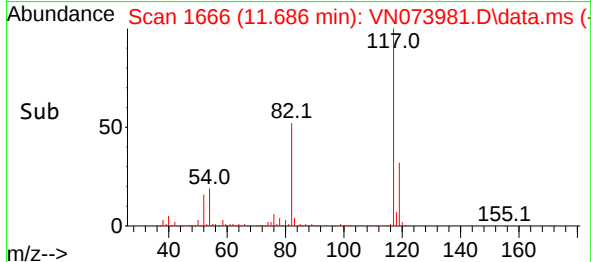
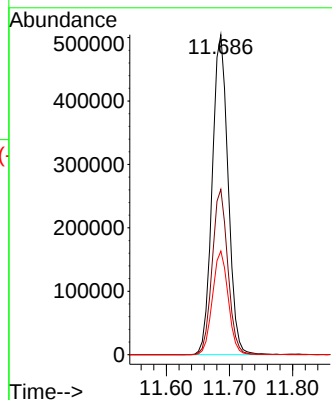
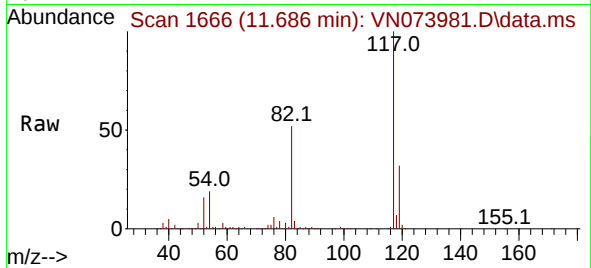
Tgt Ion:117 Resp: 881098

Ion Ratio Lower Upper

117 100

82 51.6 44.2 66.2

119 32.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN073981.D

Acq: 17 Aug 2022 17:11

Tgt Ion:152 Resp: 452767

Ion Ratio Lower Upper

152 100

115 55.4 28.9 86.7

150 157.6 0.0 356.2

