

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN074002.D
 Acq On : 18 Aug 2022 14:09
 Operator : JC\MD
 Sample : N4204-28DL 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6DL

Quant Time: Aug 18 23:53:11 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)

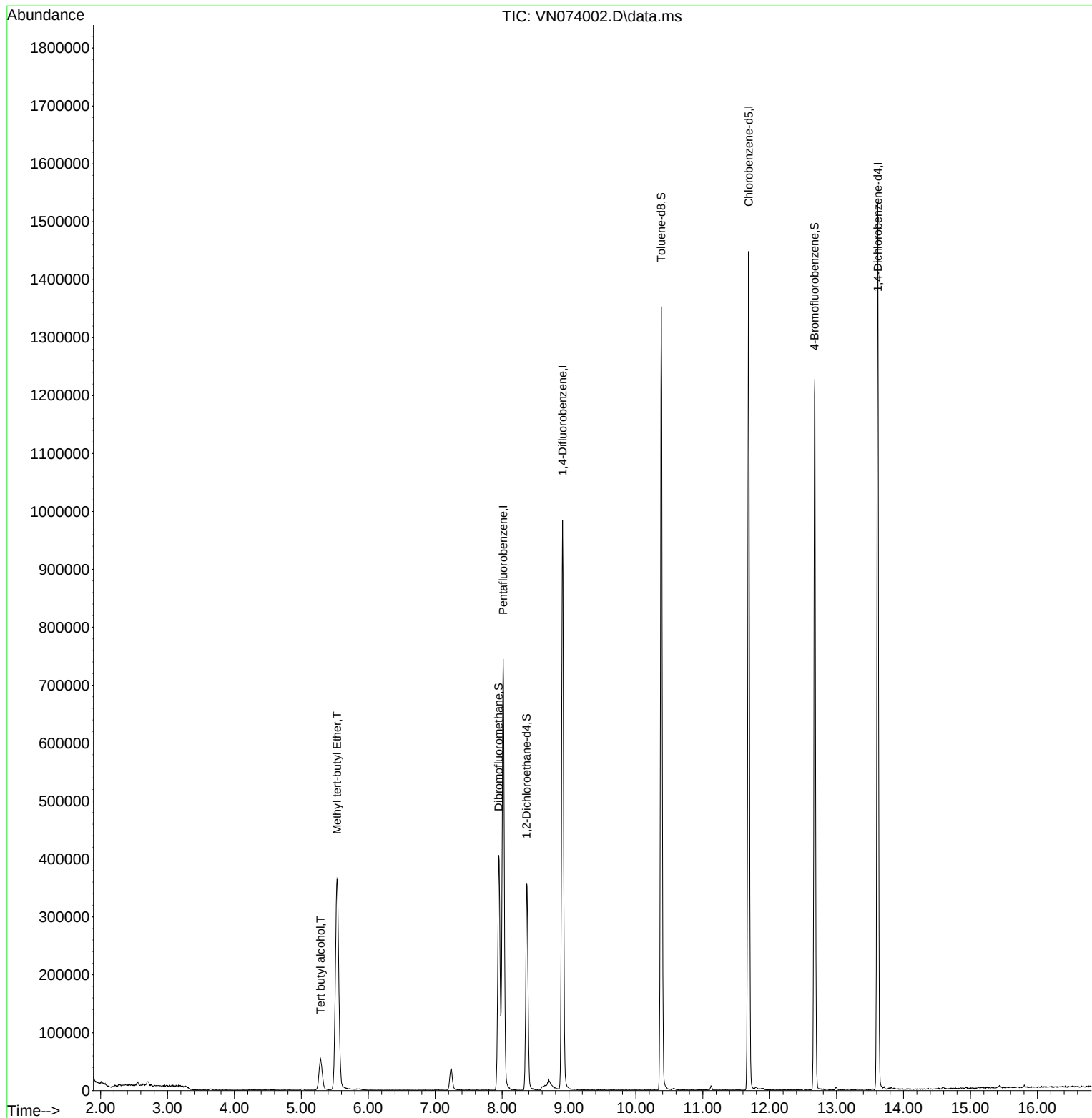
Internal Standards						
1) Pentafluorobenzene	8.016	168	629854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	922817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	868661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	452503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	301703	49.179	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.360%
35) Dibromofluoromethane	7.951	113	295992	54.236	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.480%
50) Toluene-d8	10.380	98	966528	45.728	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.460%
62) 4-Bromofluorobenzene	12.669	95	398910	56.868	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.740%
Target Compounds						
11) Tert butyl alcohol	5.287	59	99424	72.453	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	654890	36.579	ug/l	97

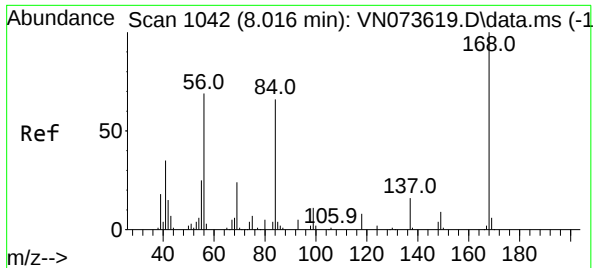
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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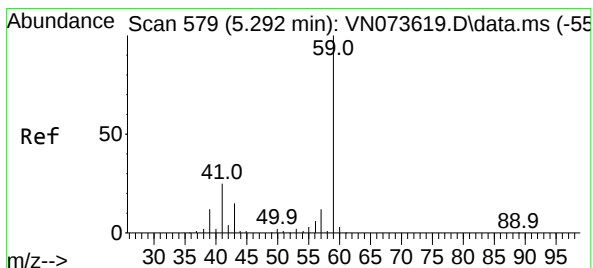
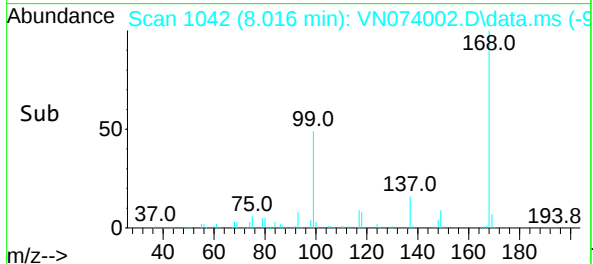
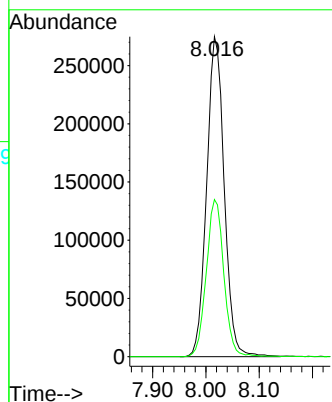
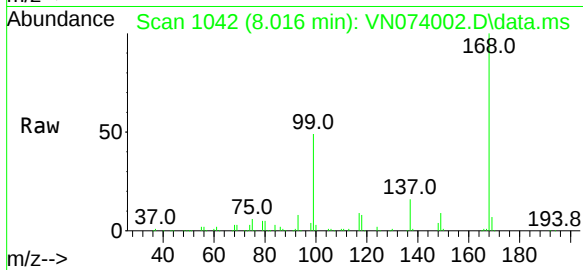




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074002.D
Acq: 18 Aug 2022 14:09

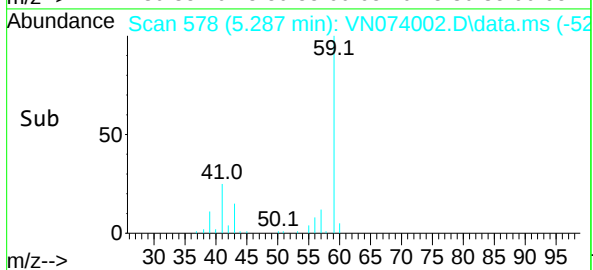
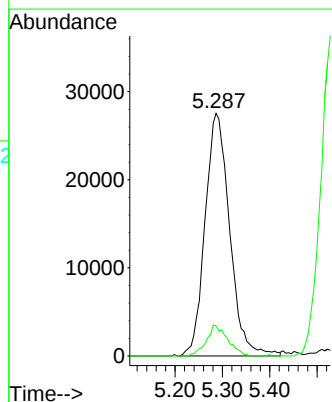
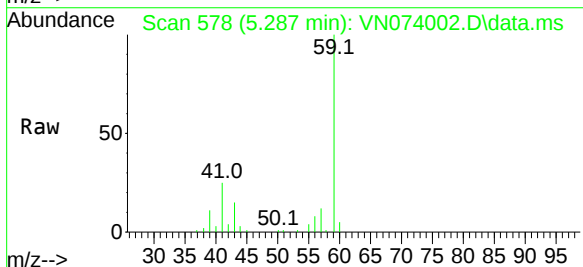
Instrument :
MSVOA_N
ClientSampleId :
MW-6DL

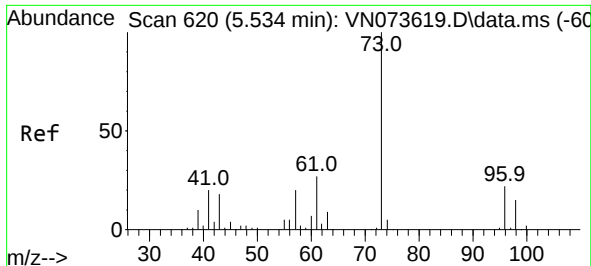
Tgt Ion:168 Resp: 629854
Ion Ratio Lower Upper
168 100
99 49.1 42.3 63.5



#11
Tert butyl alcohol
Concen: 72.453 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.005 min
Lab File: VN074002.D
Acq: 18 Aug 2022 14:09

Tgt Ion: 59 Resp: 99424
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5

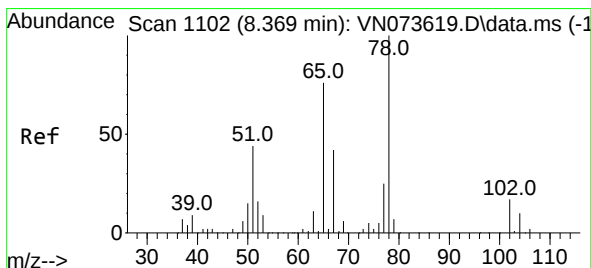
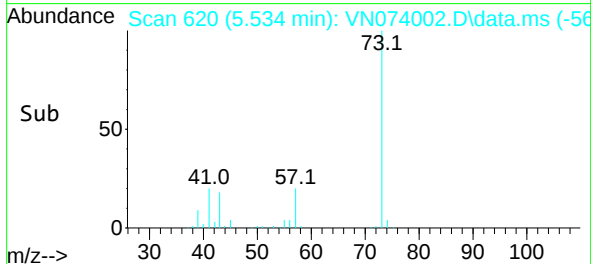
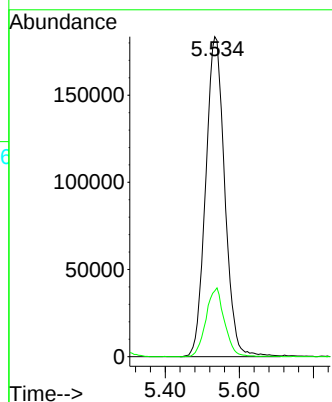
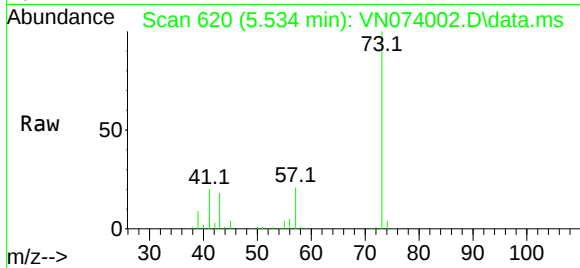




#19
Methyl tert-butyl Ether
Concen: 36.579 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074002.D
Acq: 18 Aug 2022 14:09

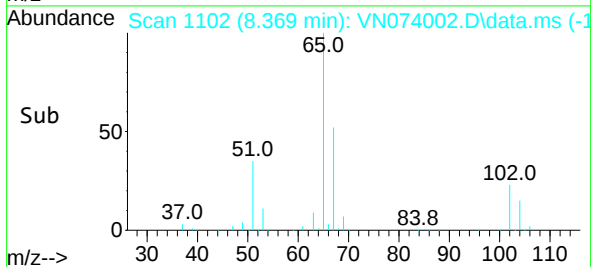
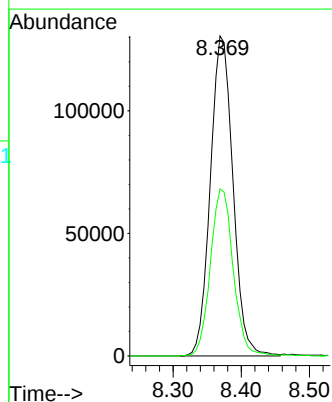
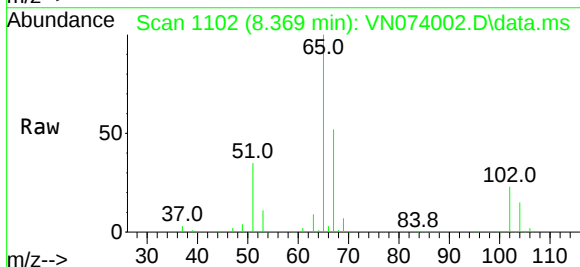
Instrument :
MSVOA_N
ClientSampleId :
MW-6DL

Tgt Ion: 73 Resp: 654890
Ion Ratio Lower Upper
73 100
57 20.6 17.6 26.4



#33
1,2-Dichloroethane-d4
Concen: 49.179 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074002.D
Acq: 18 Aug 2022 14:09

Tgt Ion: 65 Resp: 301703
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8

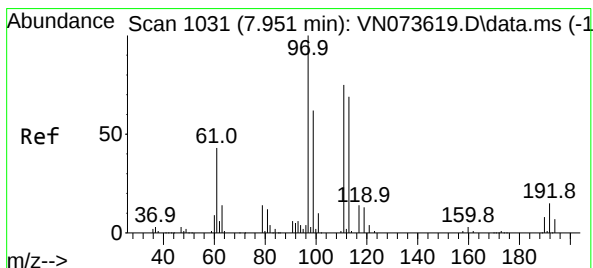
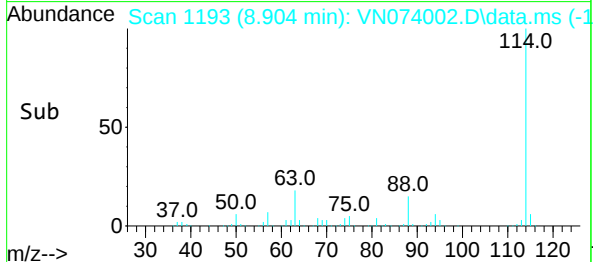
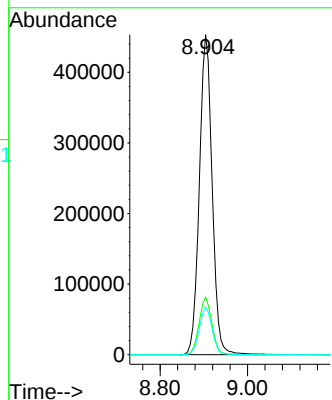
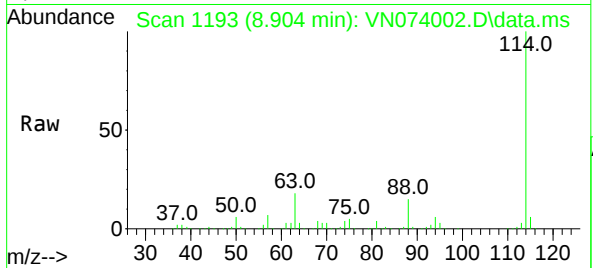




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074002.D
Acq: 18 Aug 2022 14:09

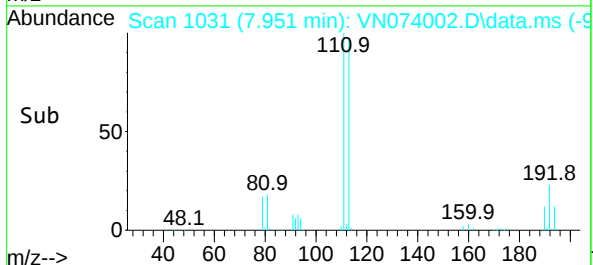
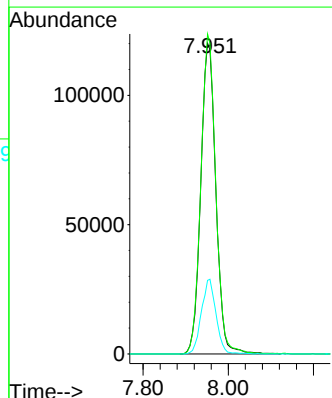
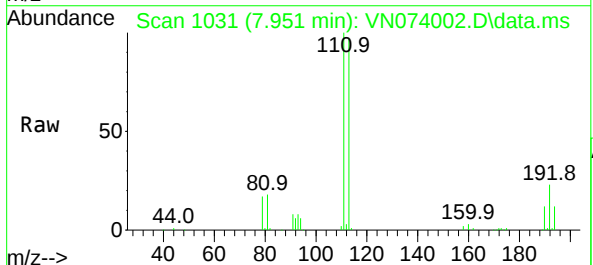
Instrument :
MSVOA_N
ClientSampleId :
MW-6DL

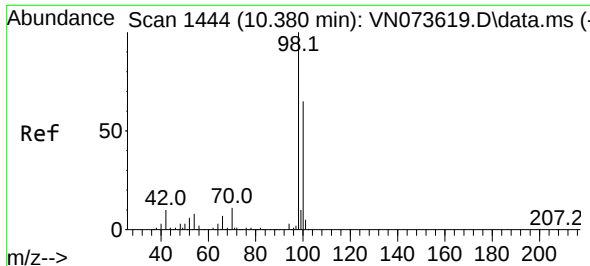
Tgt Ion:114 Resp: 922817
Ion Ratio Lower Upper
114 100
63 18.0 0.0 40.0
88 14.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 54.236 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074002.D
Acq: 18 Aug 2022 14:09

Tgt Ion:113 Resp: 295992
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 23.2 17.0 25.6

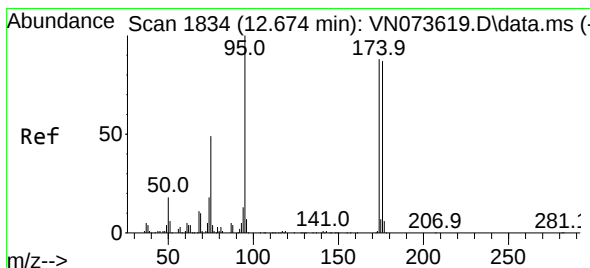
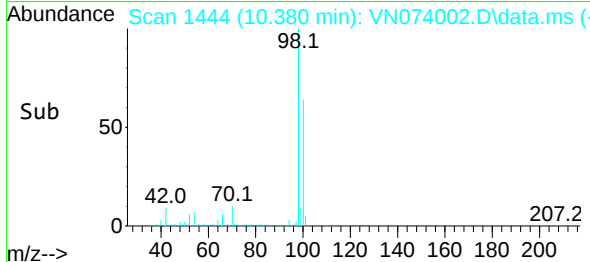
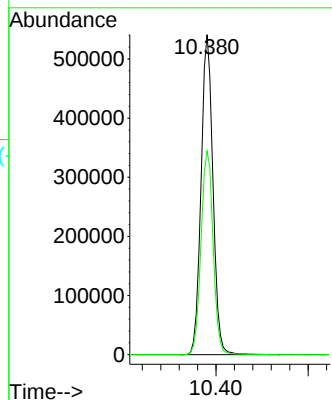
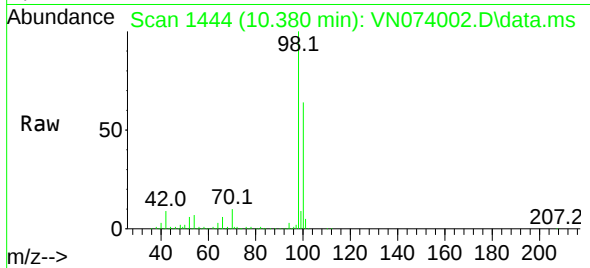




#50
Toluene-d8
Concen: 45.728 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074002.D
Acq: 18 Aug 2022 14:09

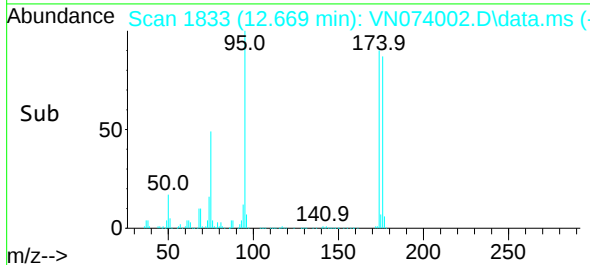
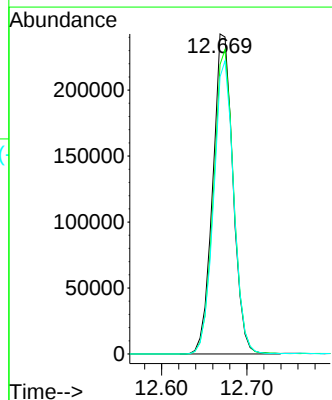
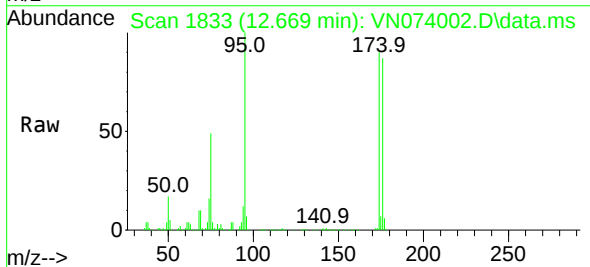
Instrument :
MSVOA_N
ClientSampleId :
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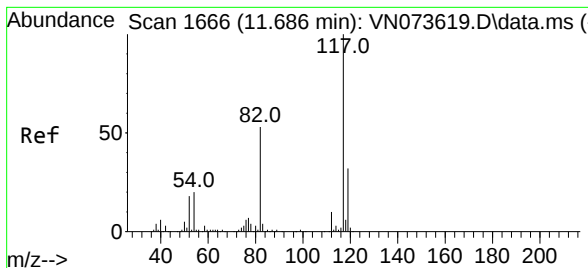
Tgt Ion: 98 Resp: 966528
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 56.868 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN074002.D
Acq: 18 Aug 2022 14:09

Tgt Ion: 95 Resp: 398910
Ion Ratio Lower Upper
95 100
174 94.4 0.0 167.6
176 91.0 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: VN074002.D

Acq: 18 Aug 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

MW-6DL

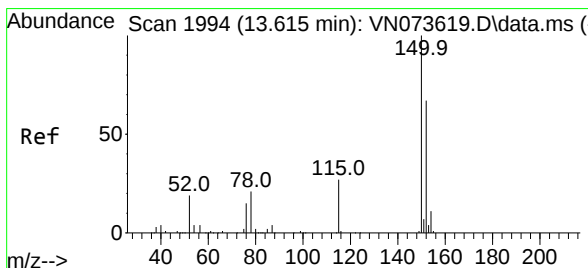
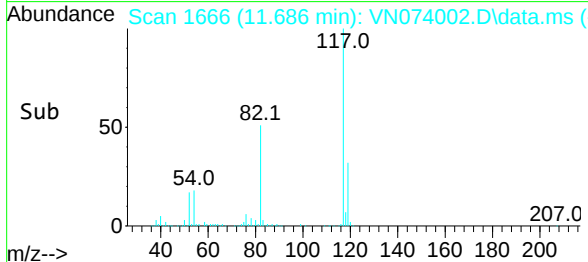
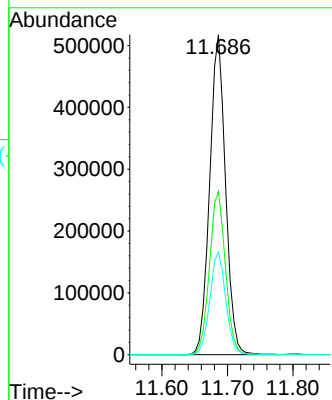
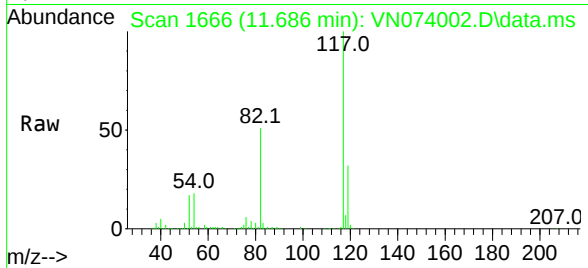
Tgt Ion:117 Resp: 868661

Ion Ratio Lower Upper

117 100

82 51.1 44.2 66.2

119 32.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN074002.D

Acq: 18 Aug 2022 14:09

Tgt Ion:152 Resp: 452503

Ion Ratio Lower Upper

152 100

115 54.4 28.9 86.7

150 157.1 0.0 356.2

