

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080422\
 Data File : VN073740.D
 Acq On : 04 Aug 2022 16:44
 Operator : JC\MD
 Sample : N3887-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP072522

Quant Time: Aug 05 00:30:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

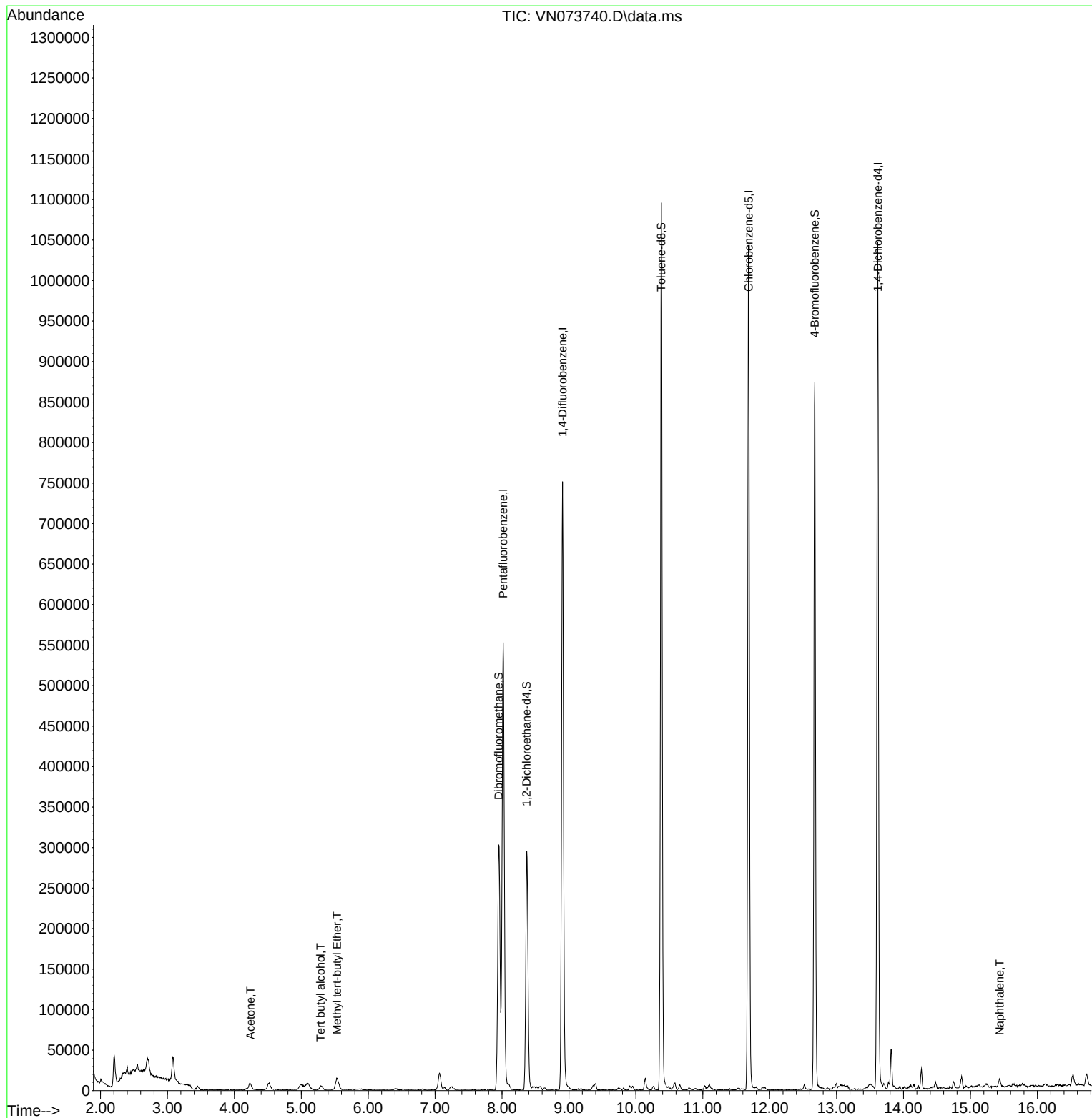
Internal Standards						
1) Pentafluorobenzene	8.016	168	438185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	684890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	632552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	305595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	242704	45.450	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.900%
35) Dibromofluoromethane	7.951	113	229038	53.256	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.520%
50) Toluene-d8	10.381	98	763692	45.126	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.260%
62) 4-Bromofluorobenzene	12.675	95	285064	50.349	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.700%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.287	59	9279	8.057	ug/l #	91
16) Acetone	4.240	43	14660	5.111	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	13539	0.953	ug/l #	1
95) Naphthalene	15.439	128	11883	0.684	ug/l #	87

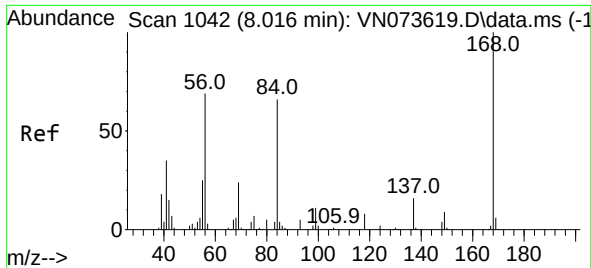
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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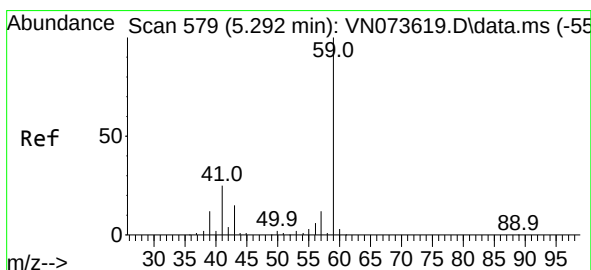
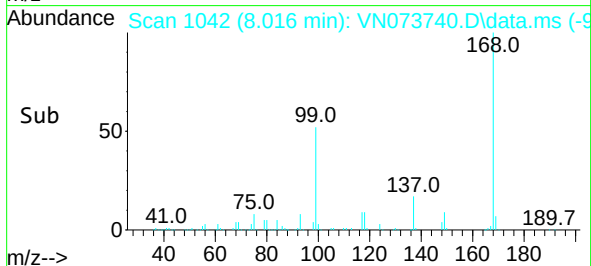
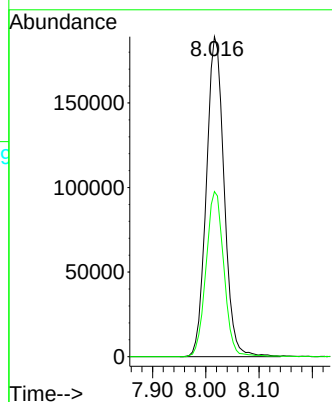
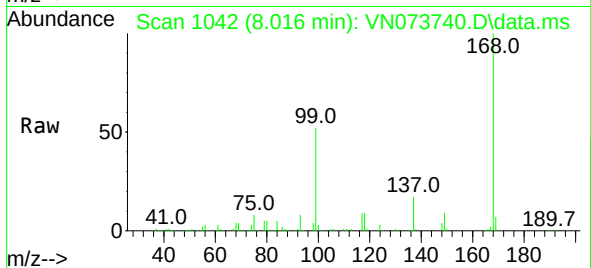




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073740.D
Acq: 04 Aug 2022 16:44

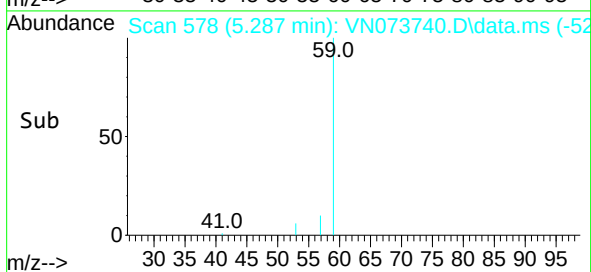
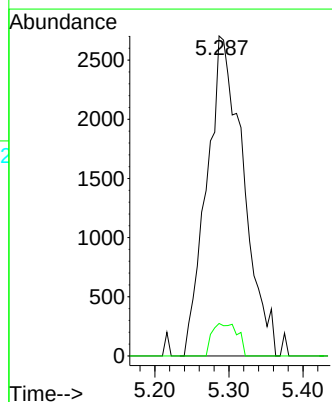
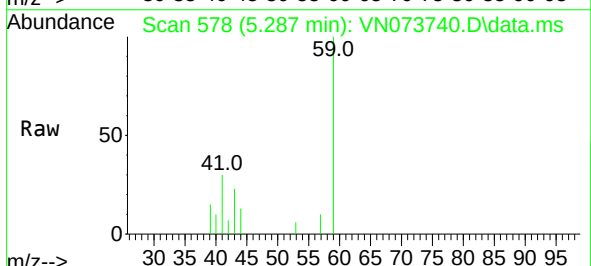
Instrument :
MSVOA_N
ClientSampleId :
DUP072522

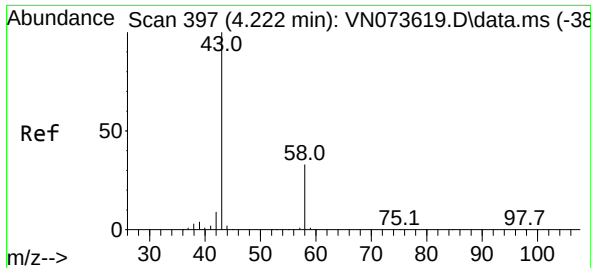
Tgt Ion:168 Resp: 438185
Ion Ratio Lower Upper
168 100
99 51.6 42.3 63.5



#11
Tert butyl alcohol
Concen: 8.057 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.005 min
Lab File: VN073740.D
Acq: 04 Aug 2022 16:44

Tgt Ion: 59 Resp: 9279
Ion Ratio Lower Upper
59 100
57 7.0 8.3 12.5#





#16

Acetone

Concen: 5.111 ug/l

RT: 4.240 min Scan# 40

Delta R.T. 0.018 min

Lab File: VN073740.D

Acq: 04 Aug 2022 16:44

Instrument :

MSVOA_N

ClientSampleId :

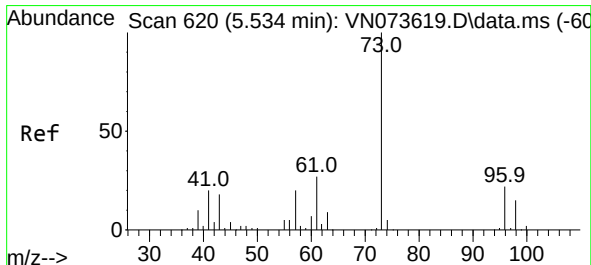
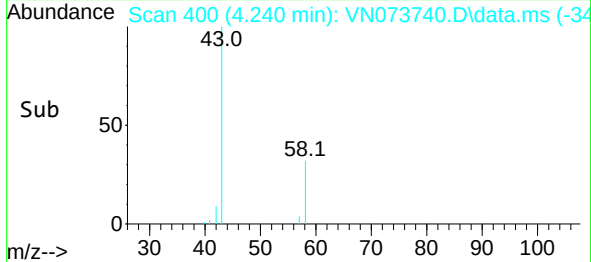
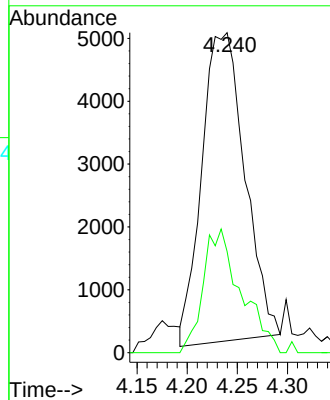
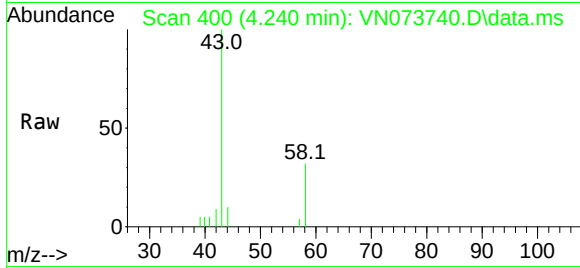
DUP072522

Tgt Ion: 43 Resp: 14660

Ion Ratio Lower Upper

43 100

58 33.6 26.0 39.0



#19

Methyl tert-butyl Ether

Concen: 0.953 ug/l

RT: 5.534 min Scan# 620

Delta R.T. 0.000 min

Lab File: VN073740.D

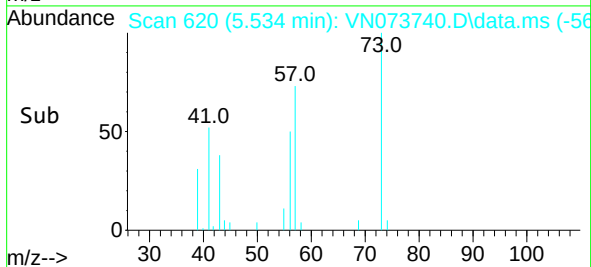
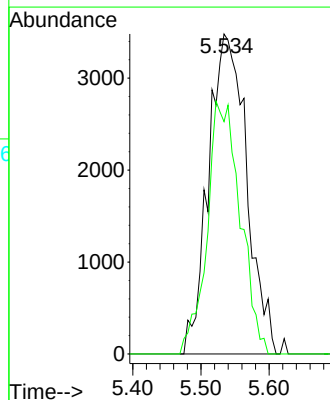
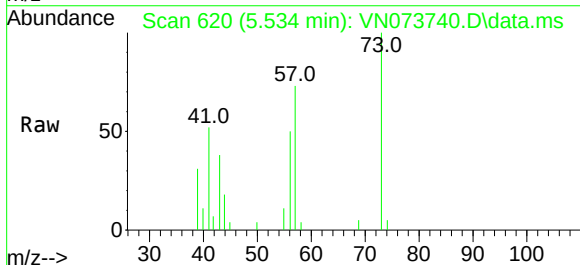
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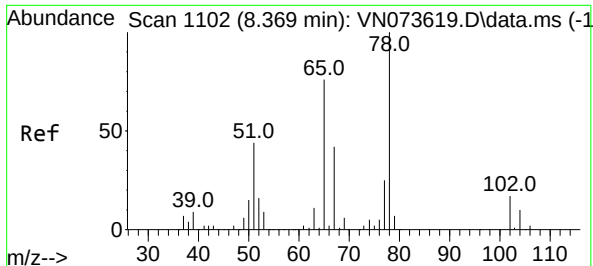
Tgt Ion: 73 Resp: 13539

Ion Ratio Lower Upper

73 100

57 72.6 17.6 26.4#





#33

1,2-Dichloroethane-d4

Concen: 45.450 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073740.D

Acq: 04 Aug 2022 16:44

Instrument :

MSVOA_N

ClientSampleId :

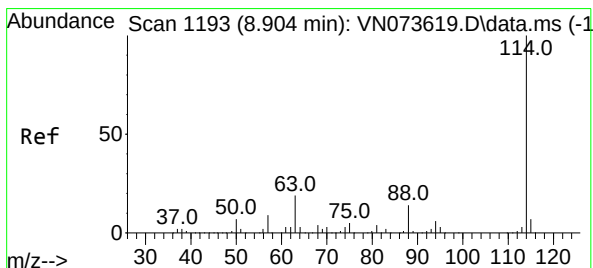
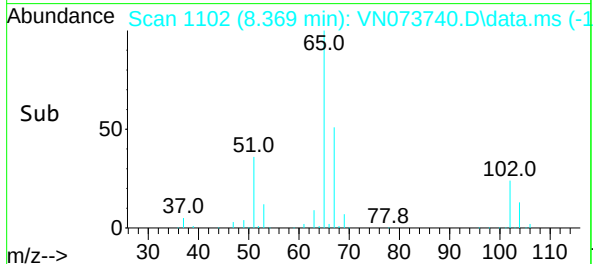
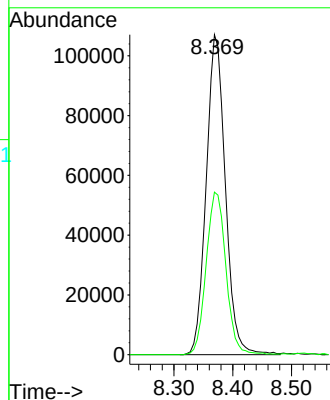
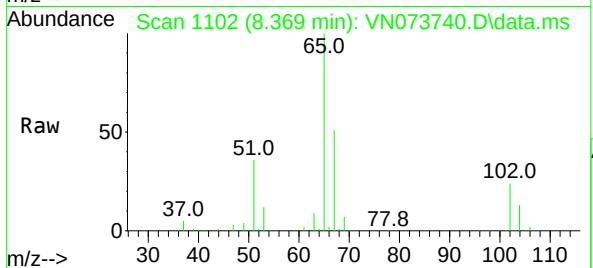
DUP072522

Tgt Ion: 65 Resp: 242704

Ion Ratio Lower Upper

65 100

67 52.4 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: VN073740.D

Acq: 04 Aug 2022 16:44

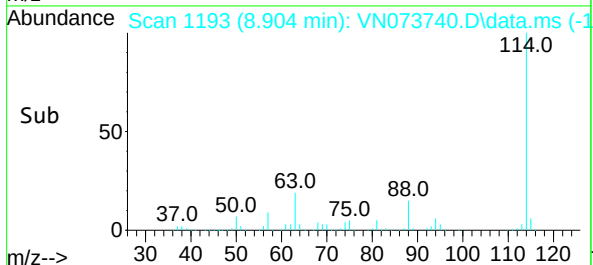
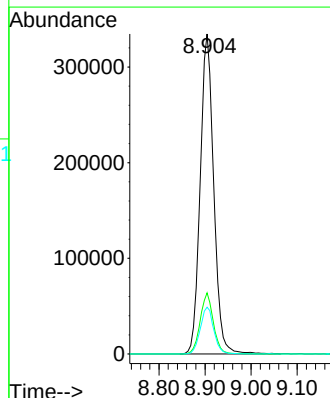
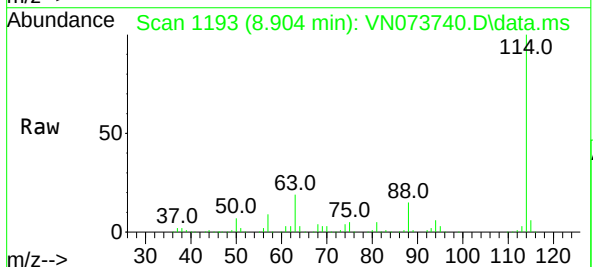
Tgt Ion: 114 Resp: 684890

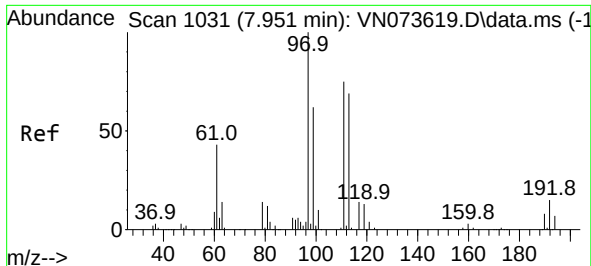
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 14.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.256 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073740.D

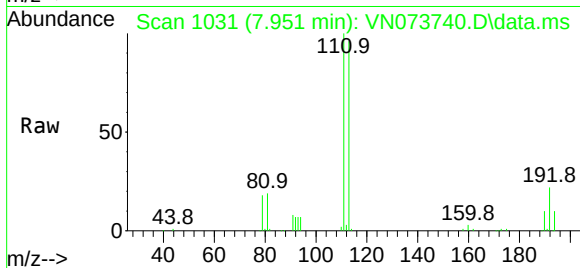
Acq: 04 Aug 2022 16:44

Instrument :

MSVOA_N

ClientSampleId :

DUP072522



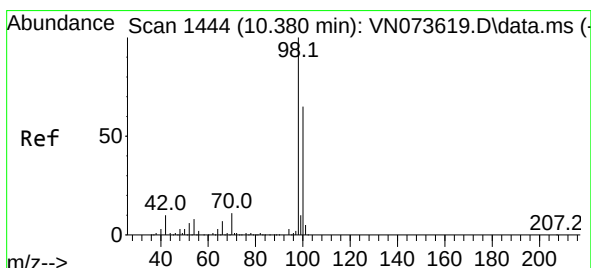
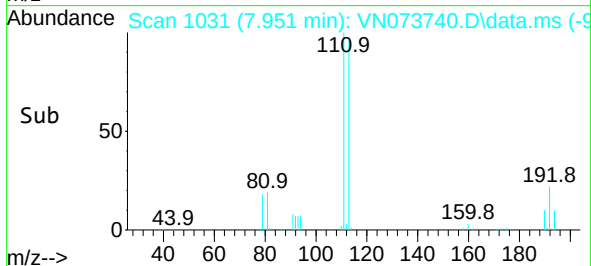
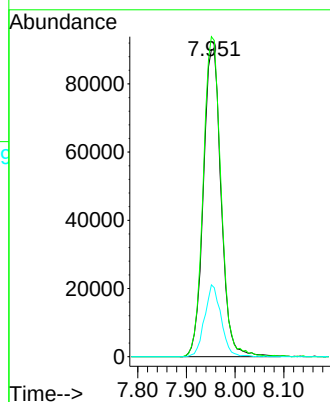
Tgt Ion:113 Resp: 229038

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 21.6 17.0 25.6



#50

Toluene-d8

Concen: 45.126 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073740.D

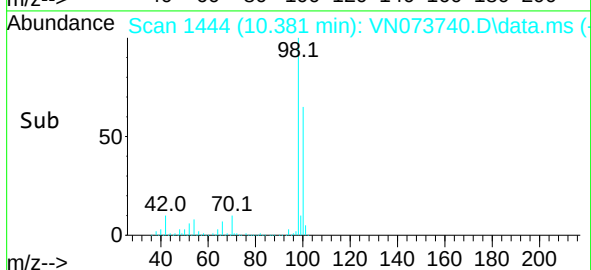
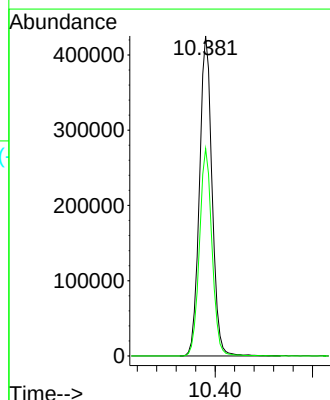
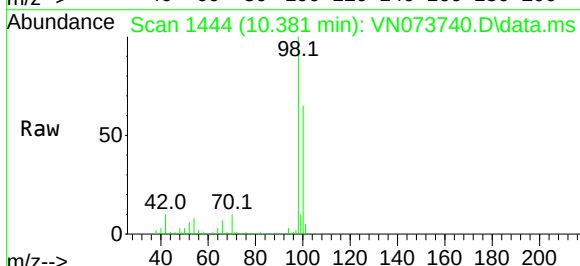
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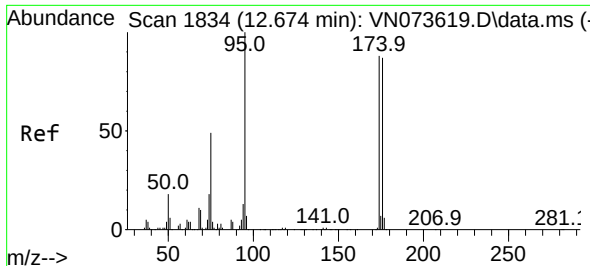
Tgt Ion: 98 Resp: 763692

Ion Ratio Lower Upper

98 100

100 64.6 52.6 78.8

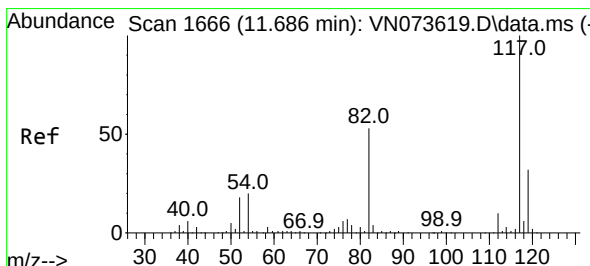
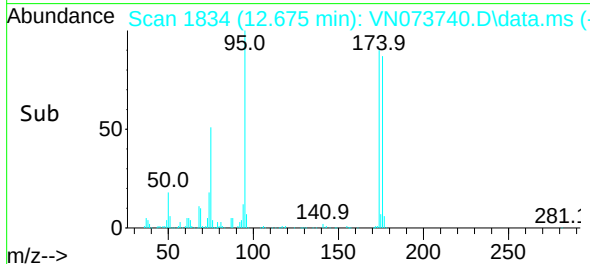
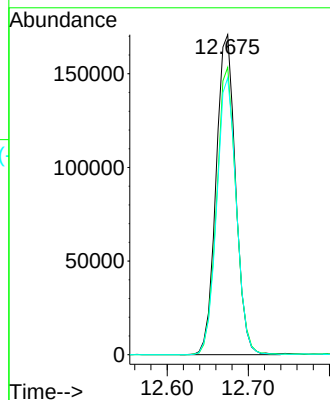
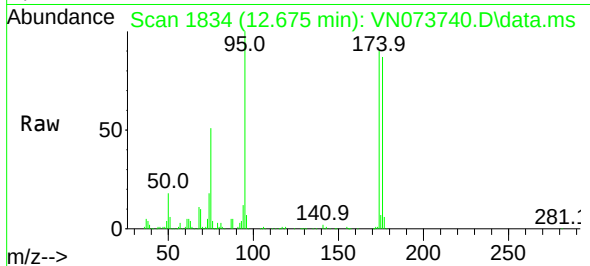




#62
4-Bromofluorobenzene
Concen: 50.349 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073740.D
Acq: 04 Aug 2022 16:44

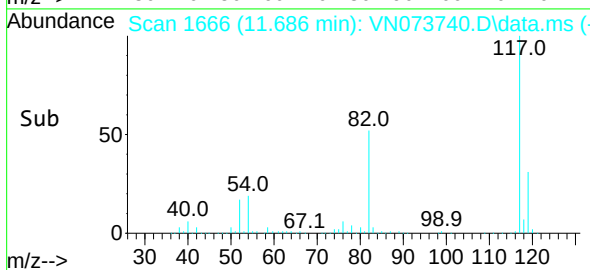
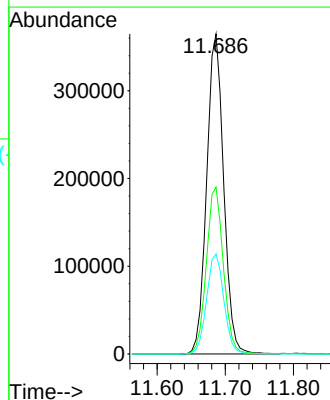
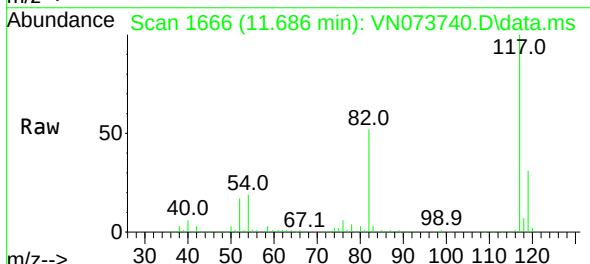
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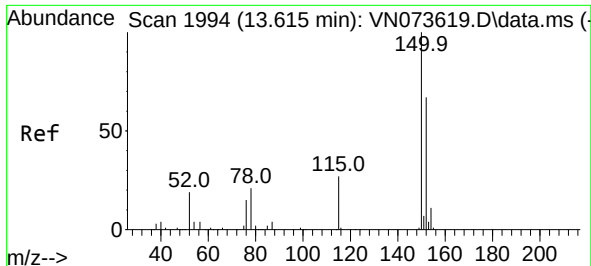
Tgt Ion: 95 Resp: 285064
Ion Ratio Lower Upper
95 100
174 89.4 0.0 167.6
176 87.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073740.D
Acq: 04 Aug 2022 16:44

Tgt Ion: 117 Resp: 632552
Ion Ratio Lower Upper
117 100
82 52.2 44.2 66.2
119 31.3 25.4 38.0

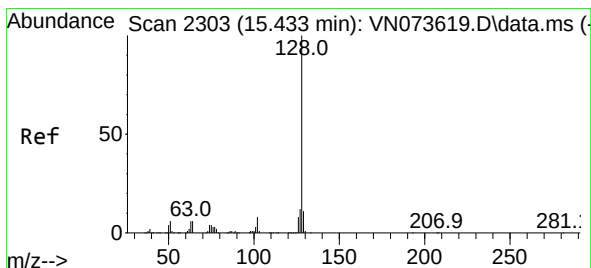
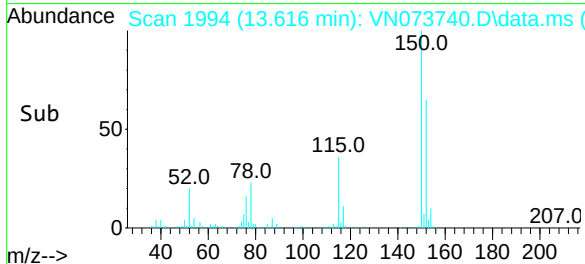
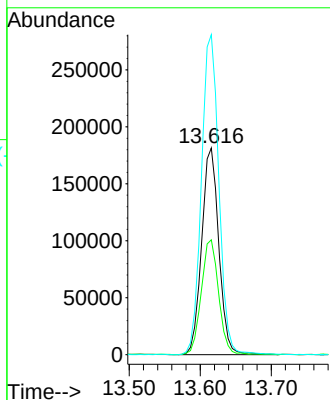
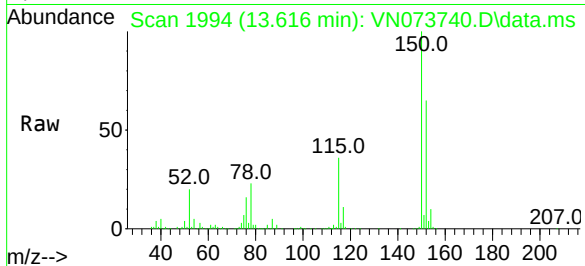




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073740.D
 Acq: 04 Aug 2022 16:44

Instrument :
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 DUP072522

Tgt Ion:152 Resp: 305595
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.9 86.7
 150 157.3 0.0 356.2



#95
 Naphthalene
 Concen: 0.684 ug/l
 RT: 15.439 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN073740.D
 Acq: 04 Aug 2022 16:44

Tgt Ion:128 Resp: 11883
 Ion Ratio Lower Upper
 128 100
 127 5.7 10.3 15.5#
 129 8.2 8.6 13.0#

