

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074306.D
 Acq On : 02 Sep 2022 23:50
 Operator : JC\MD
 Sample : N4329-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-34

Quant Time: Sep 03 04:42:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

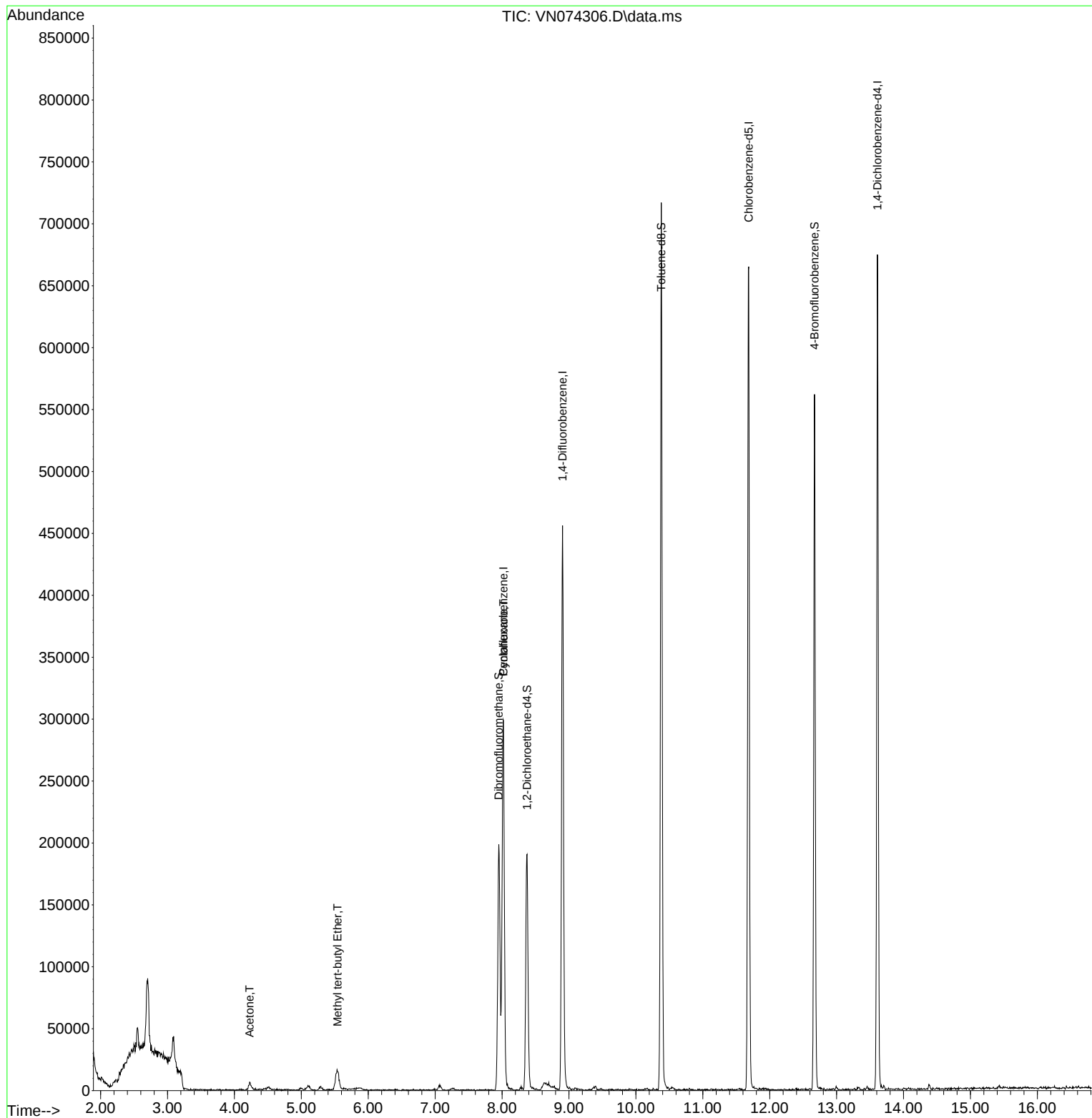
Internal Standards						
1) Pentafluorobenzene	8.022	168	217885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	394998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	372745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	160768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	157923	46.496	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.000%
35) Dibromofluoromethane	7.951	113	139488	53.291	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.580%
50) Toluene-d8	10.380	98	469616	45.500	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.000%
62) 4-Bromofluorobenzene	12.669	95	162553	43.437	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.880%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	10583	7.456	ug/l #	88
19) Methyl tert-butyl Ether	5.540	73	26607	3.130	ug/l	91
31) Cyclohexane	8.022	56	9364	2.064	ug/l #	71

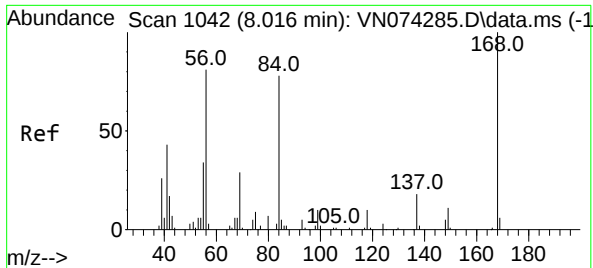
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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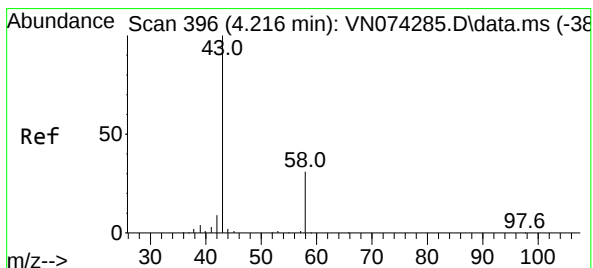
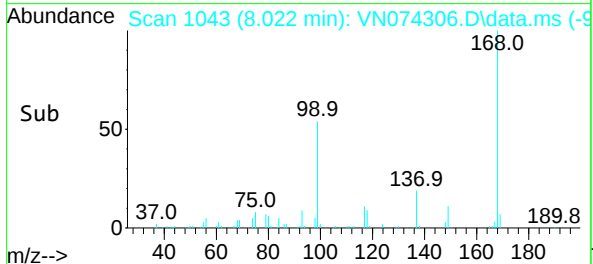
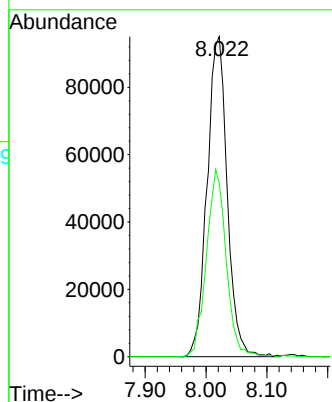
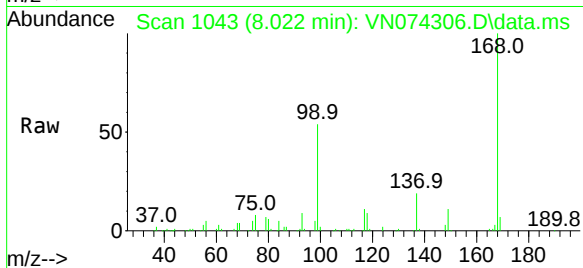




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074306.D
Acq: 02 Sep 2022 23:50

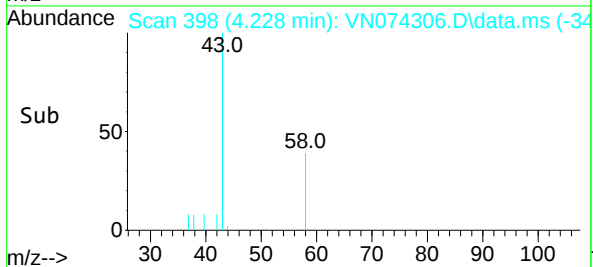
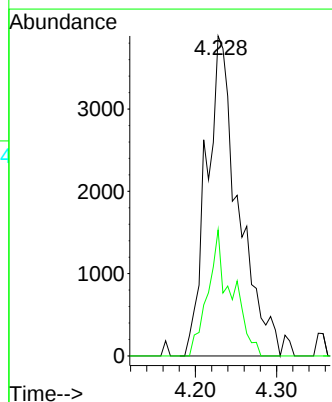
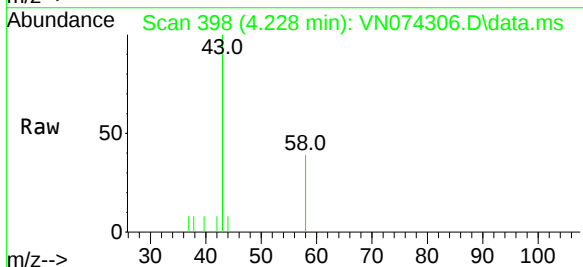
Instrument :
MSVOA_N
ClientSampleId :
MW-34

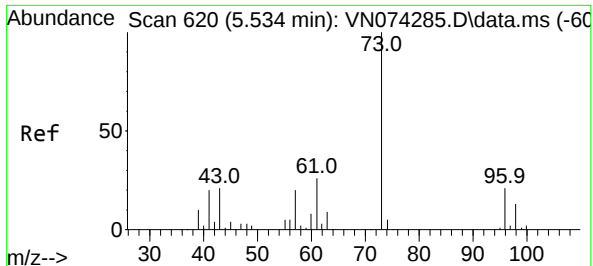
Tgt Ion:168 Resp: 217885
Ion Ratio Lower Upper
168 100
99 54.2 42.3 63.5



#16
Acetone
Concen: 7.456 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074306.D
Acq: 02 Sep 2022 23:50

Tgt Ion: 43 Resp: 10583
Ion Ratio Lower Upper
43 100
58 39.4 26.0 39.0#





#19

Methyl tert-butyl Ether

Concen: 3.130 ug/l

RT: 5.540 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN074306.D

Acq: 02 Sep 2022 23:50

Instrument :

MSVOA_N

ClientSampleId :

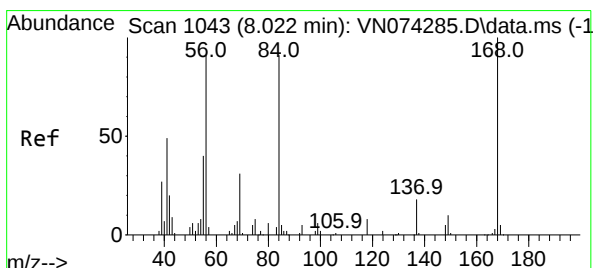
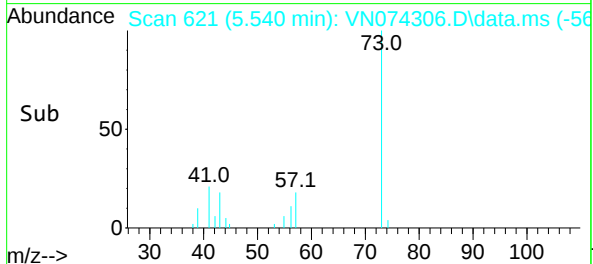
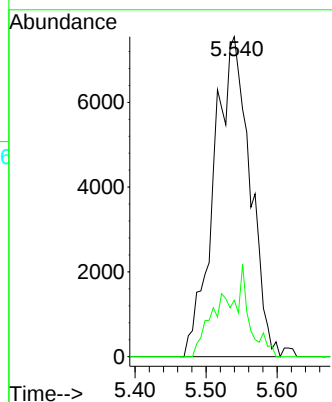
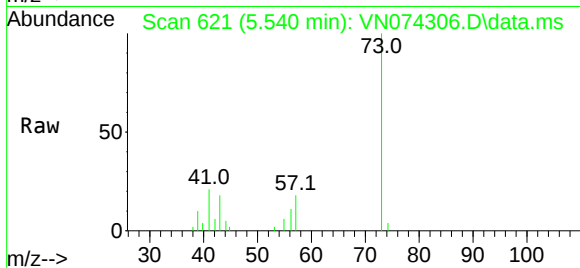
MW-34

Tgt Ion: 73 Resp: 26607

Ion Ratio Lower Upper

73 100

57 17.6 17.6 26.4



#31

Cyclohexane

Concen: 2.064 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN074306.D

Acq: 02 Sep 2022 23:50

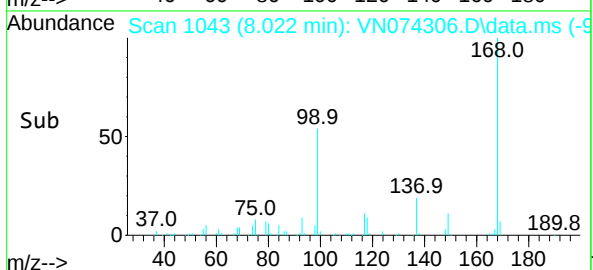
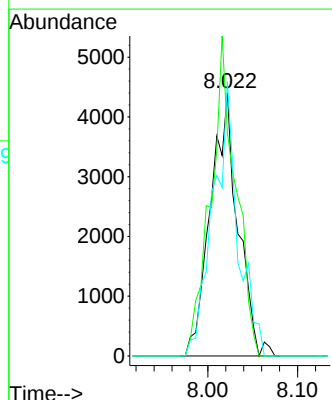
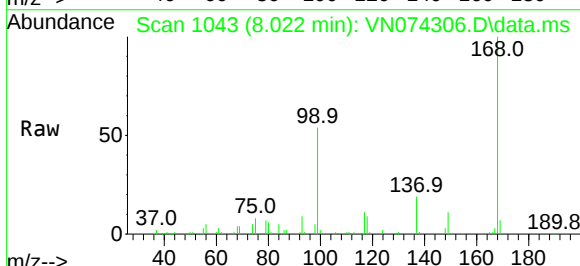
Tgt Ion: 56 Resp: 9364

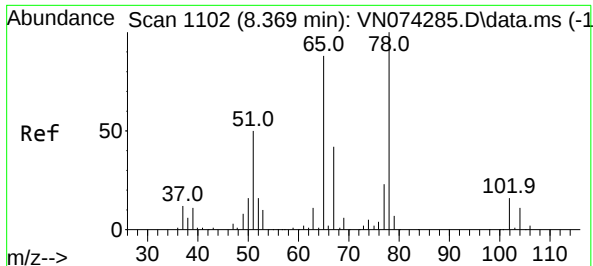
Ion Ratio Lower Upper

56 100

69 84.9 27.8 41.8#

84 104.3 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 46.496 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074306.D

Acq: 02 Sep 2022 23:50

Instrument :

MSVOA_N

ClientSampleId :

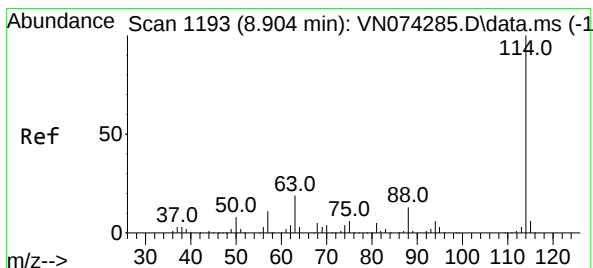
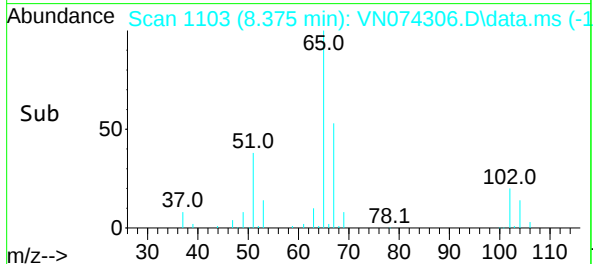
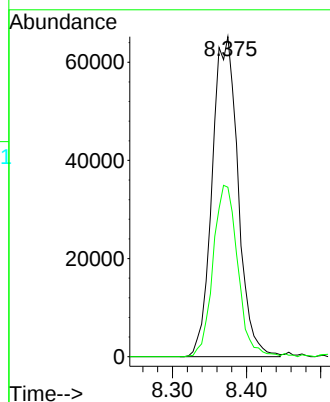
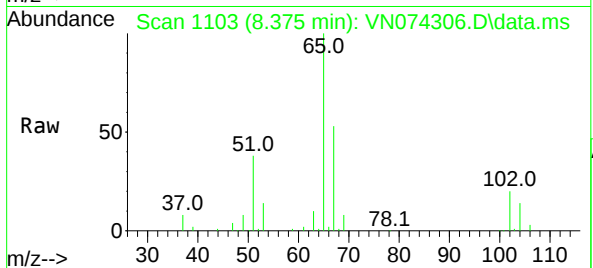
MW-34

Tgt Ion: 65 Resp: 157923

Ion Ratio Lower Upper

65 100

67 51.1 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: VN074306.D

Acq: 02 Sep 2022 23:50

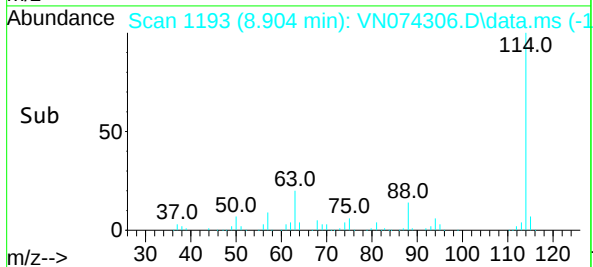
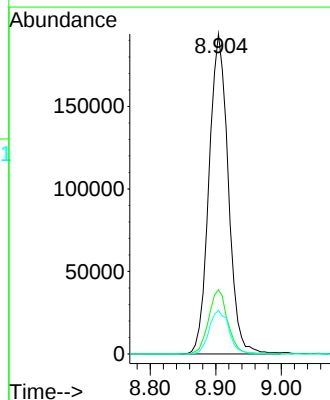
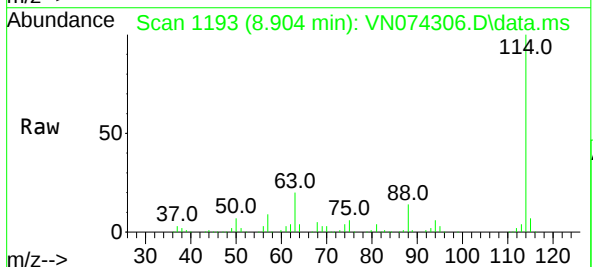
Tgt Ion: 114 Resp: 394998

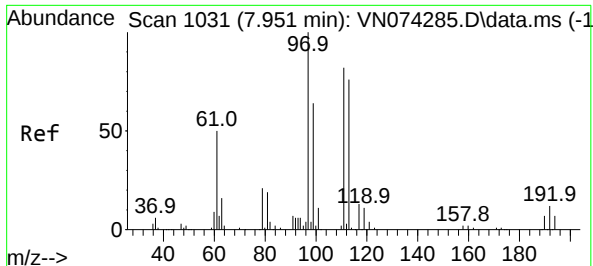
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 13.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.291 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074306.D

Acq: 02 Sep 2022 23:50

Instrument :

MSVOA_N

ClientSampleId :

MW-34

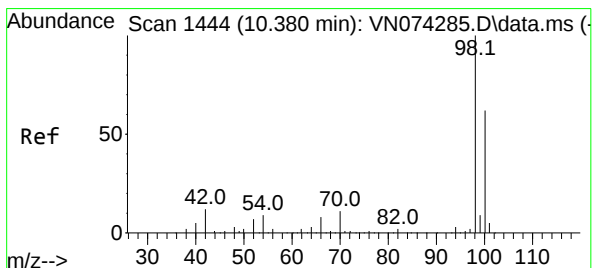
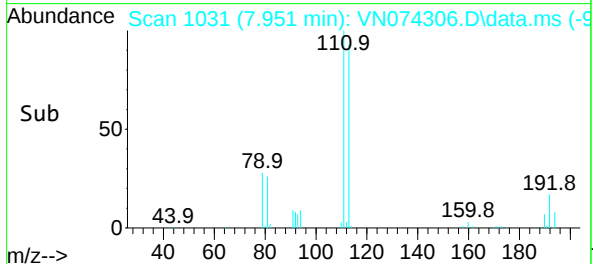
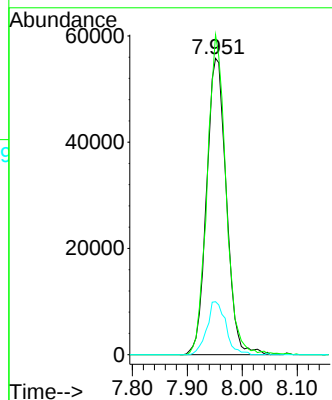
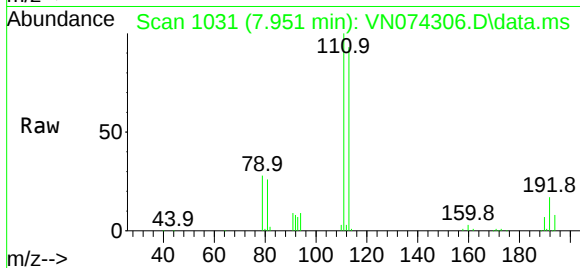
Tgt Ion:113 Resp: 139488

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 17.2 17.0 25.6



#50

Toluene-d8

Concen: 45.500 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074306.D

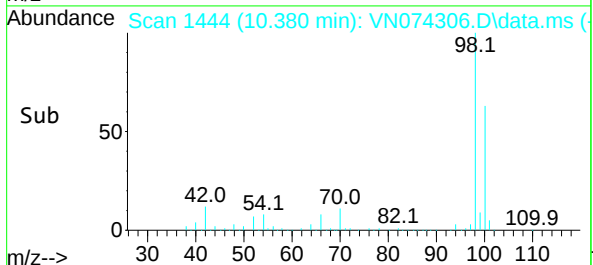
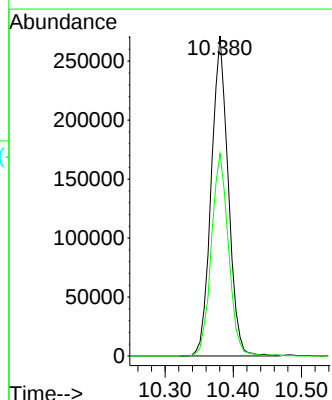
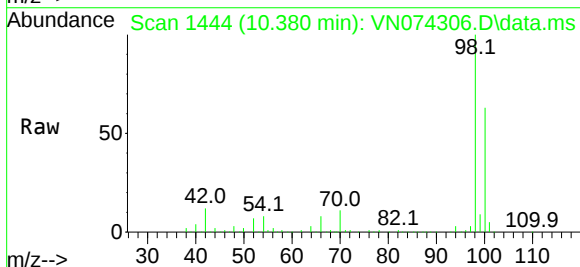
Acq: 02 Sep 2022 23:50

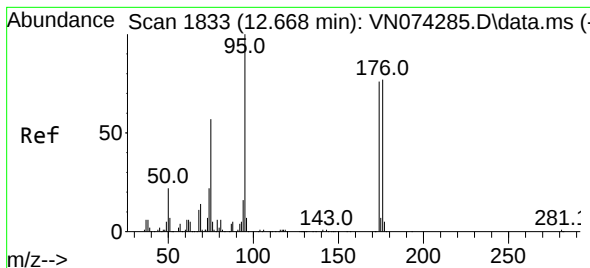
Tgt Ion: 98 Resp: 469616

Ion Ratio Lower Upper

98 100

100 63.8 52.6 78.8

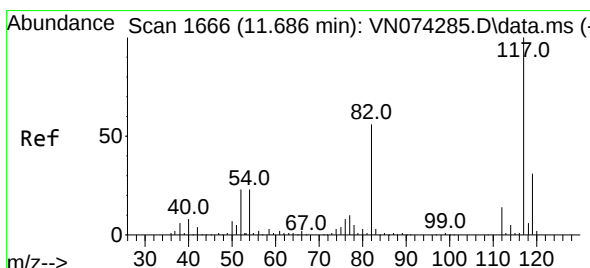
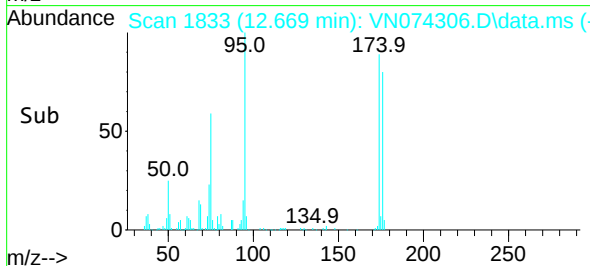
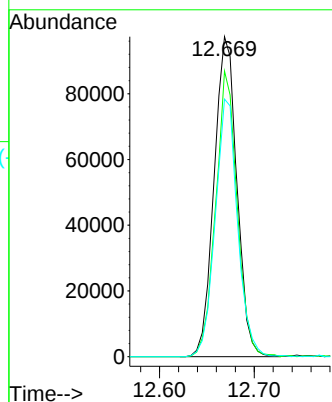
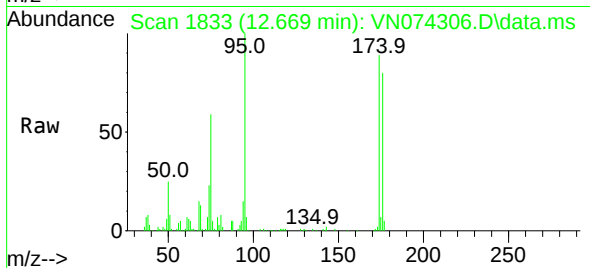




#62
4-Bromofluorobenzene
Concen: 43.437 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074306.D
Acq: 02 Sep 2022 23:50

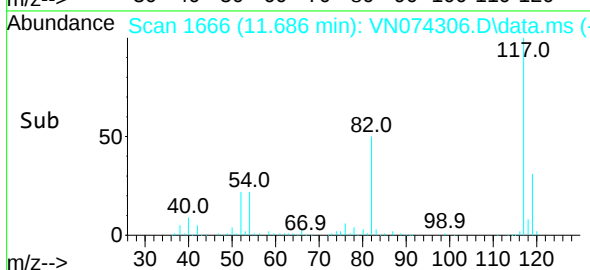
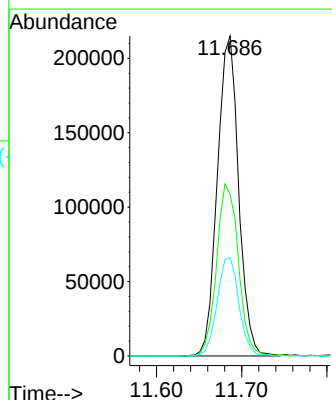
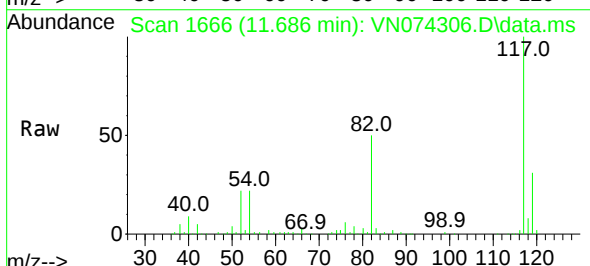
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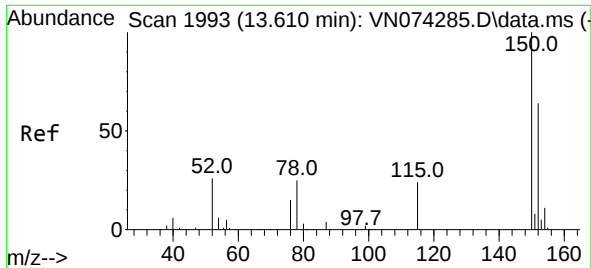
Tgt Ion: 95 Resp: 162553
Ion Ratio Lower Upper
95 100
174 84.4 0.0 167.6
176 79.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074306.D
Acq: 02 Sep 2022 23:50

Tgt Ion: 117 Resp: 372745
Ion Ratio Lower Upper
117 100
82 50.4 44.2 66.2
119 30.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN074306.D

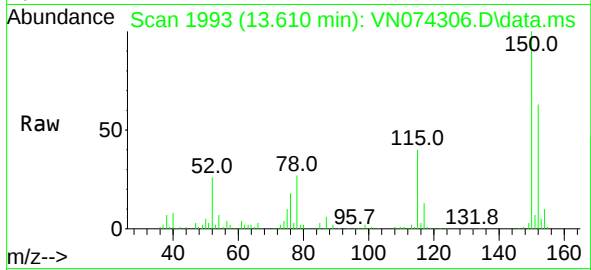
Acq: 02 Sep 2022 23:50

Instrument :

MSVOA_N

ClientSampleId :

MW-34



Tgt Ion:152 Resp: 160768

Ion Ratio Lower Upper

152 100

115 60.2 28.9 86.7

150 160.4 0.0 356.2

