

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074294.D
 Acq On : 02 Sep 2022 18:57
 Operator : JC\MD
 Sample : N4329-01DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3RDL

Quant Time: Sep 03 04:40:56 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)

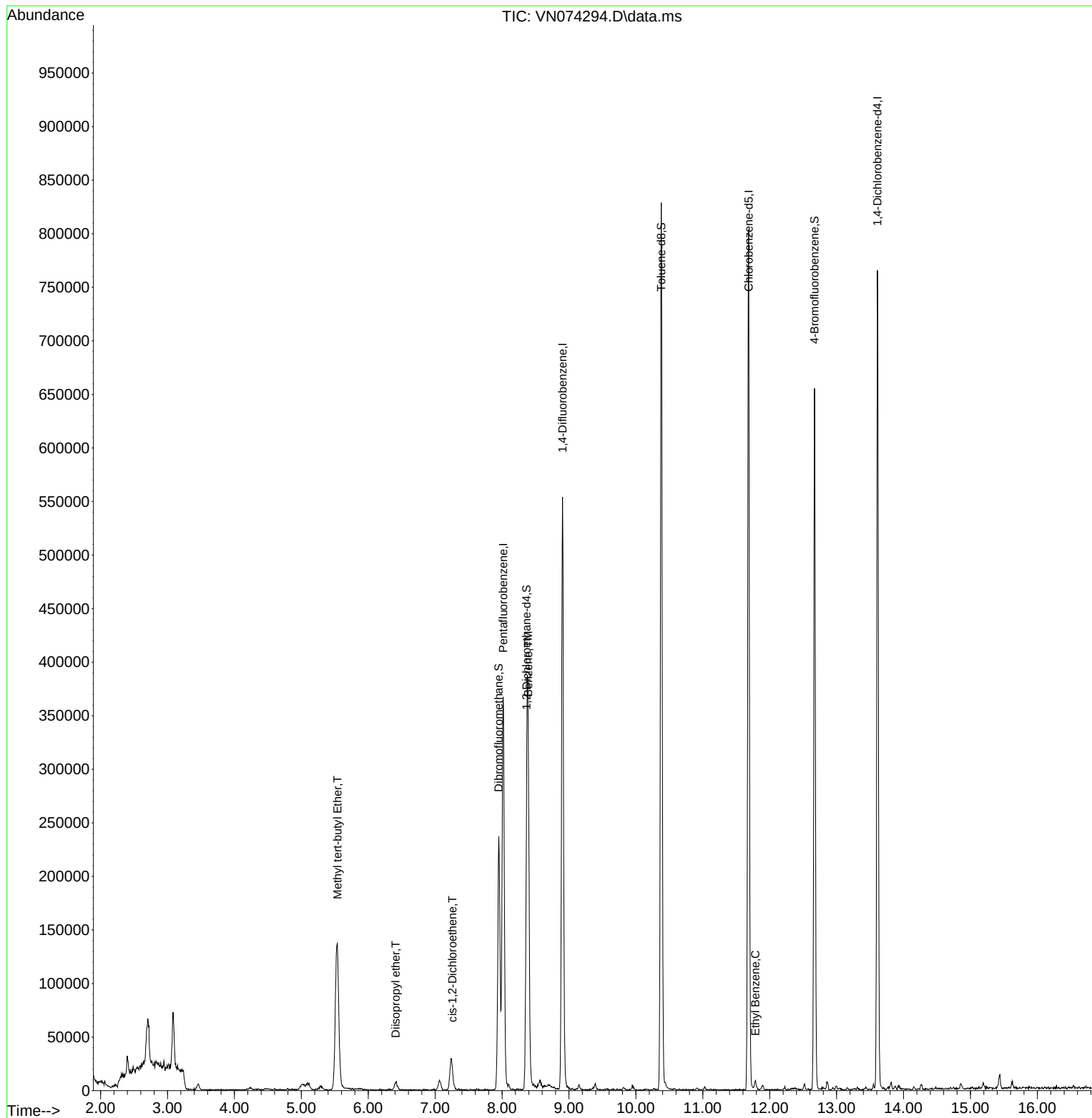
Internal Standards						
1) Pentafluorobenzene	8.016	168	270906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	472656	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	452727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	192194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	187037	44.290	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.580%
35) Dibromofluoromethane	7.951	113	161552	51.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.160%
50) Toluene-d8	10.380	98	559828	45.329	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.660%
62) 4-Bromofluorobenzene	12.669	95	195525	43.648	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.300%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.540	73	230450	21.803	ug/l	98
22) Diisopropyl ether	6.410	45	8084	0.803	ug/l #	88
27) cis-1,2-Dichloroethene	7.257	96	7685	1.977	ug/l #	16
40) Benzene	8.392	78	251135	17.908	ug/l	96
67) Ethyl Benzene	11.786	91	5052	0.277	ug/l #	86

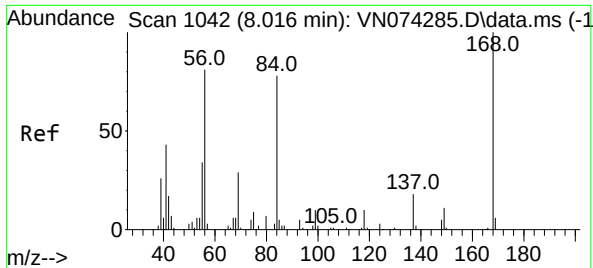
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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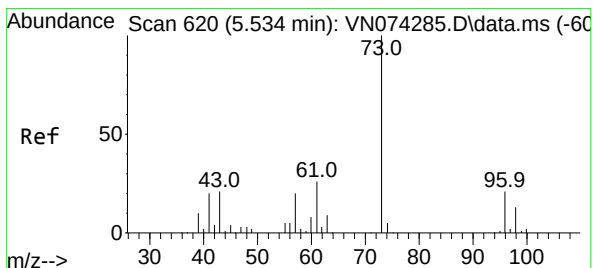
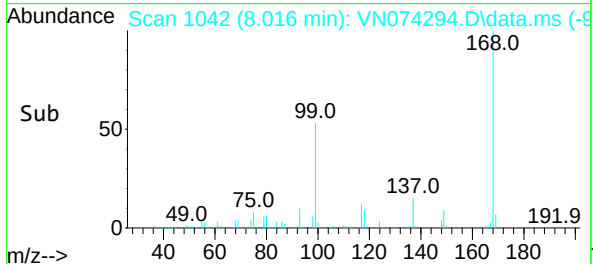
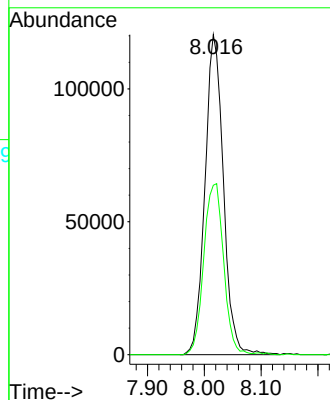
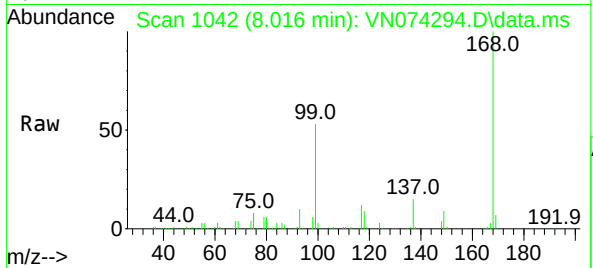




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074294.D
Acq: 02 Sep 2022 18:57

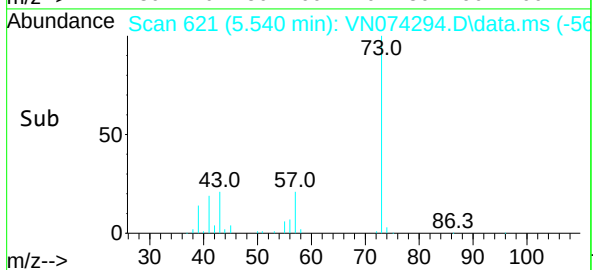
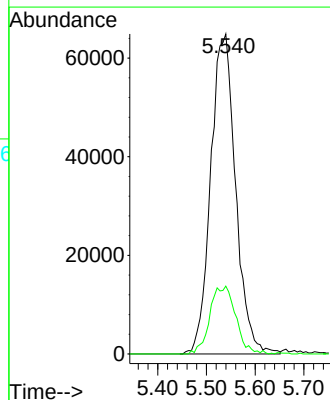
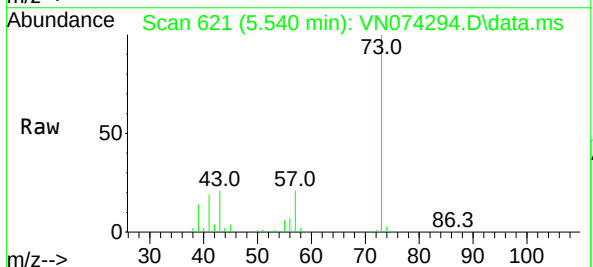
Instrument :
MSVOA_N
ClientSampleId :
MW-3RDL

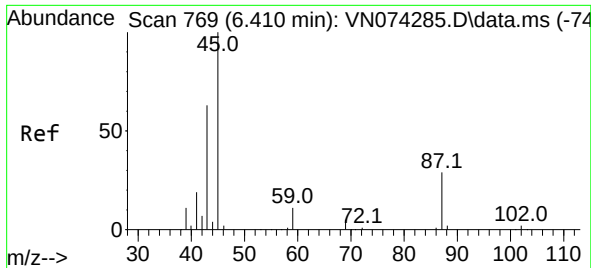
Tgt Ion:168 Resp: 270906
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5



#19
Methyl tert-butyl Ether
Concen: 21.803 ug/l
RT: 5.540 min Scan# 621
Delta R.T. 0.006 min
Lab File: VN074294.D
Acq: 02 Sep 2022 18:57

Tgt Ion: 73 Resp: 230450
Ion Ratio Lower Upper
73 100
57 21.2 17.6 26.4

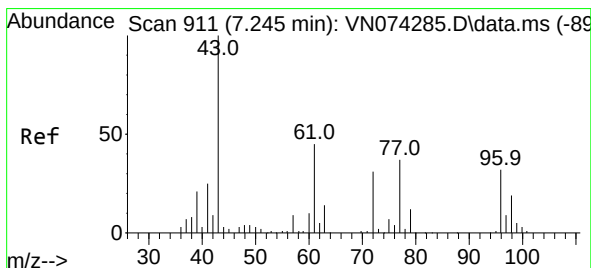
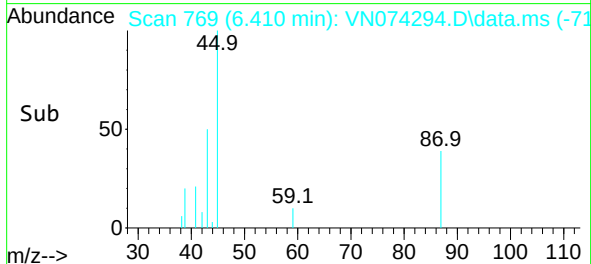
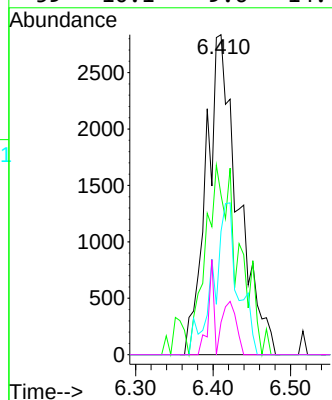
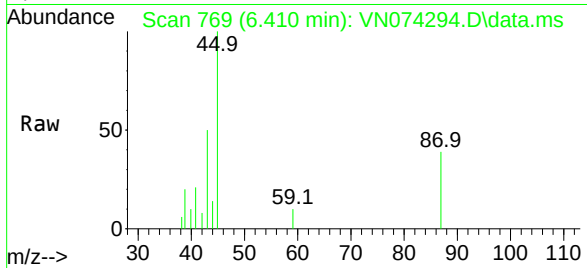




#22
Diisopropyl ether
Concen: 0.803 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.006 min
Lab File: VN074294.D
Acq: 02 Sep 2022 18:57

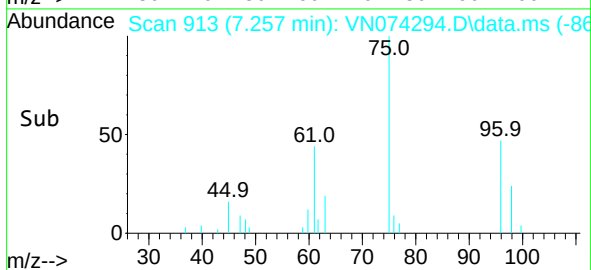
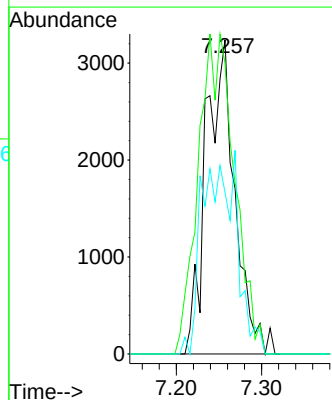
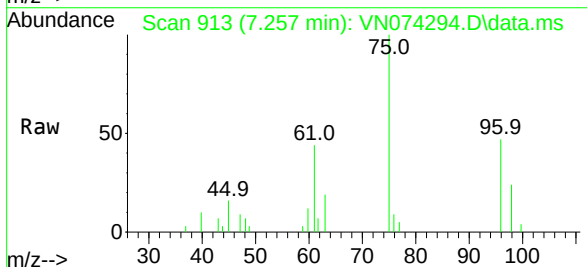
Instrument :
MSVOA_N
ClientSampleId :
MW-3RDL

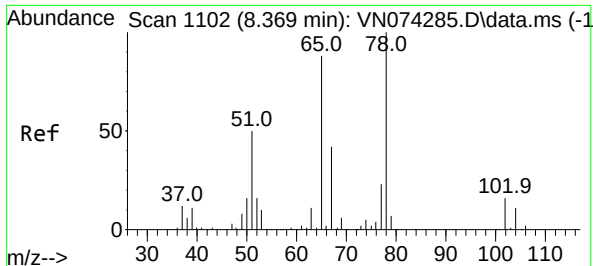
Tgt Ion:	45	Resp:	8084
Ion	Ratio	Lower	Upper
45	100		
43	50.0	46.6	70.0
87	38.5	24.3	36.5
59	10.1	9.6	14.4



#27
cis-1,2-Dichloroethene
Concen: 1.977 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.012 min
Lab File: VN074294.D
Acq: 02 Sep 2022 18:57

Tgt Ion:	96	Resp:	7685
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	280.6
98	75.8	0.0	128.4





#33

1,2-Dichloroethane-d4

Concen: 44.290 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074294.D

Acq: 02 Sep 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :

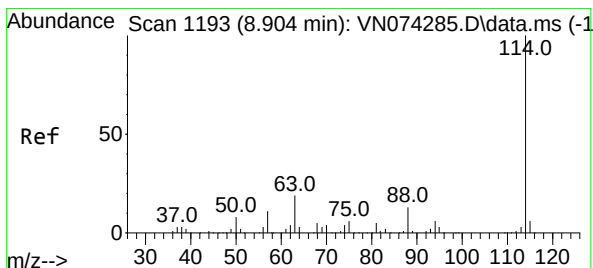
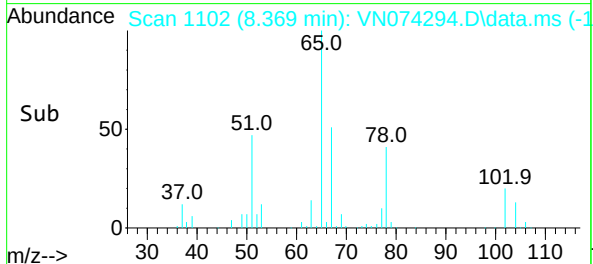
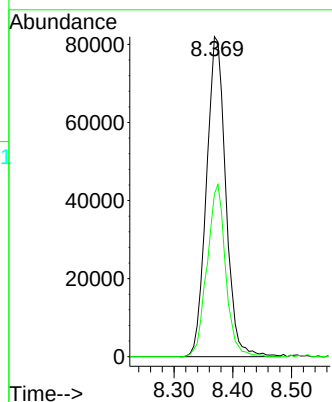
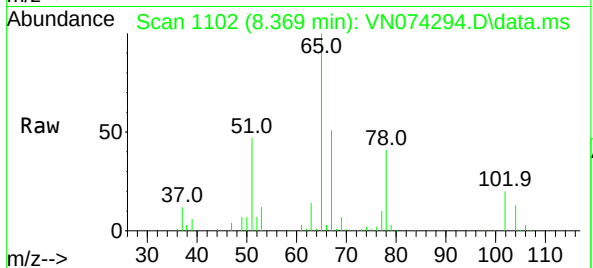
MW-3RDL

Tgt Ion: 65 Resp: 187037

Ion Ratio Lower Upper

65 100

67 51.6 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: VN074294.D

Acq: 02 Sep 2022 18:57

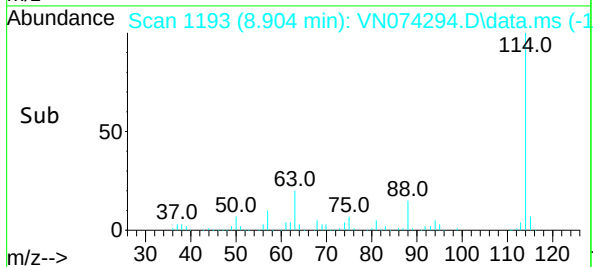
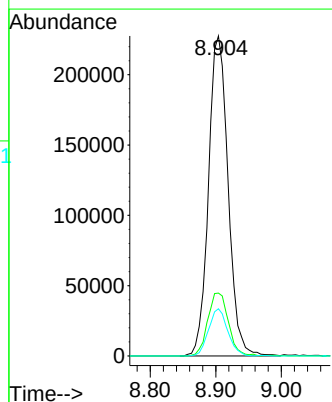
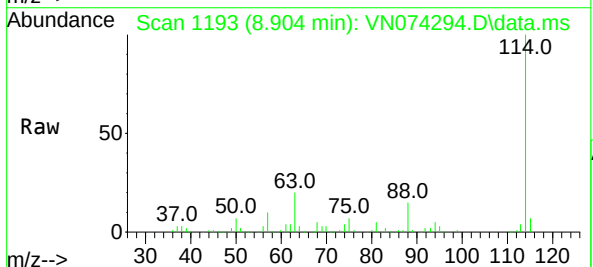
Tgt Ion: 114 Resp: 472656

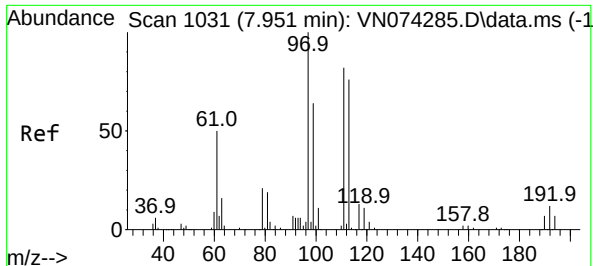
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.580 ug/l

RT: 7.951 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VN074294.D

Acq: 02 Sep 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :

MW-3RDL

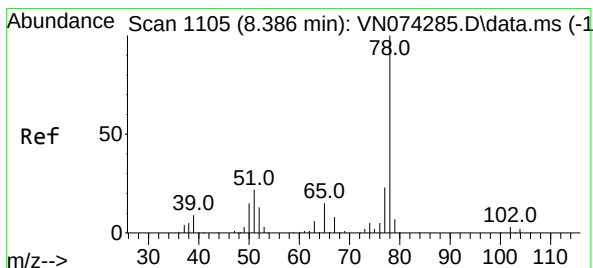
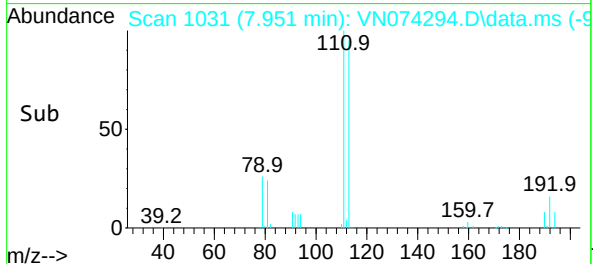
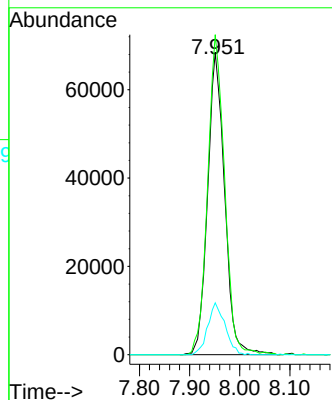
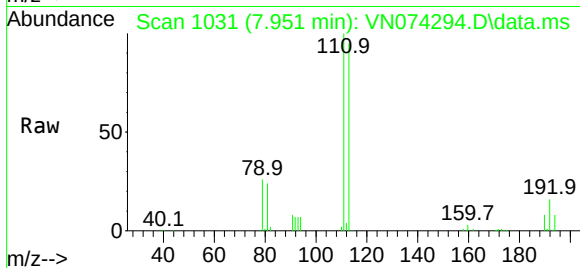
Tgt Ion:113 Resp: 161552

Ion Ratio Lower Upper

113 100

111 105.4 81.4 122.0

192 17.5 17.0 25.6



#40

Benzene

Concen: 17.908 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN074294.D

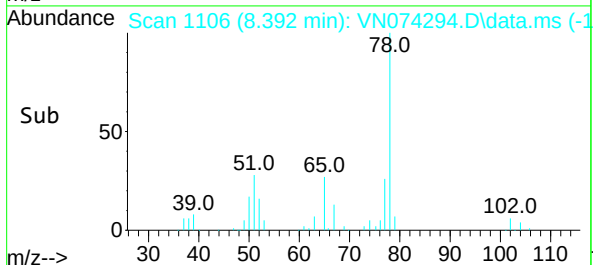
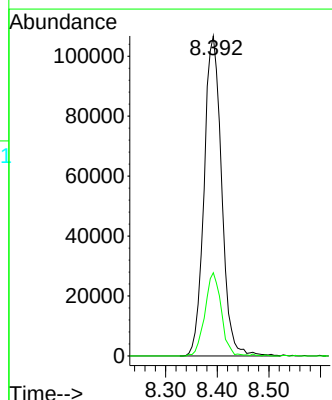
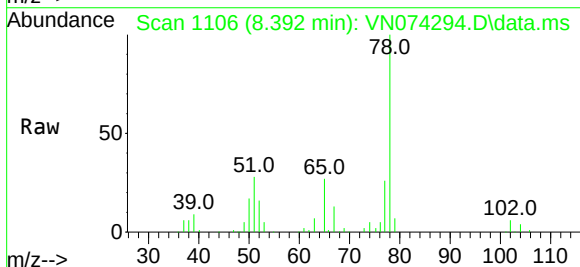
Acq: 02 Sep 2022 18:57

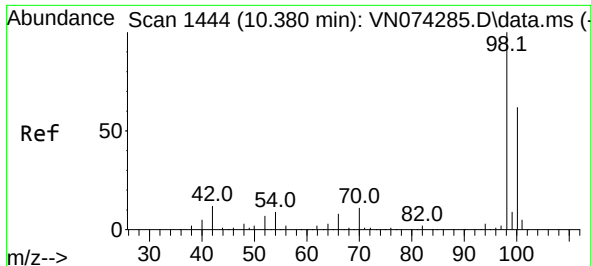
Tgt Ion: 78 Resp: 251135

Ion Ratio Lower Upper

78 100

77 26.0 19.4 29.0

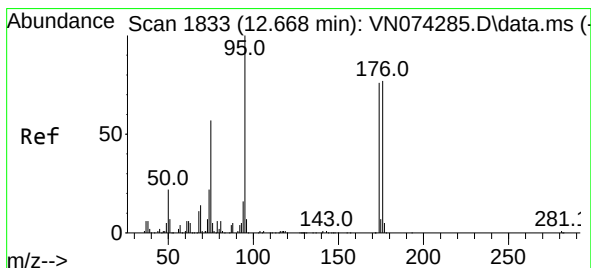
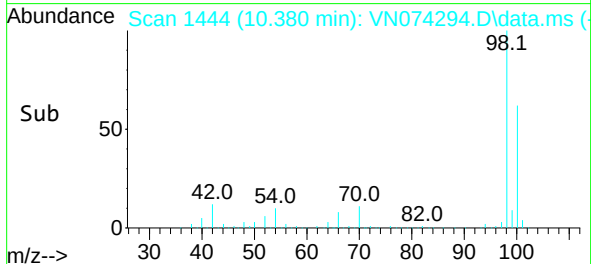
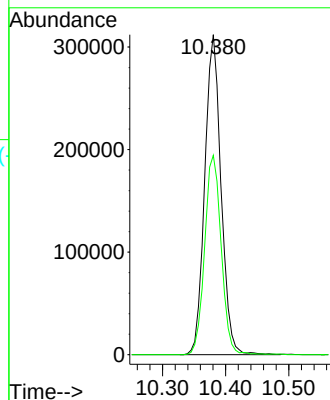
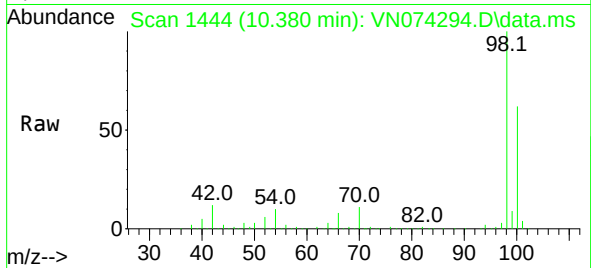




#50
Toluene-d8
Concen: 45.329 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074294.D
Acq: 02 Sep 2022 18:57

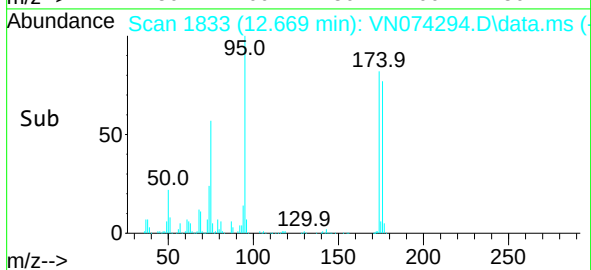
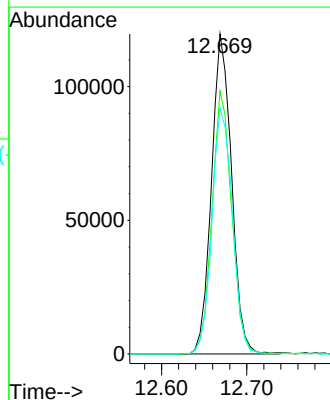
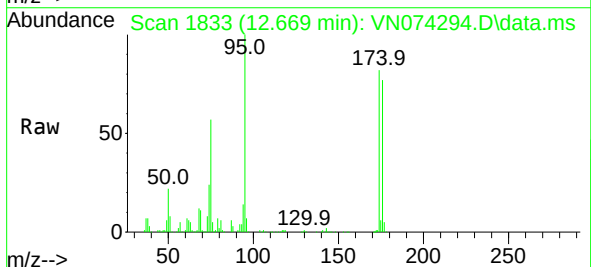
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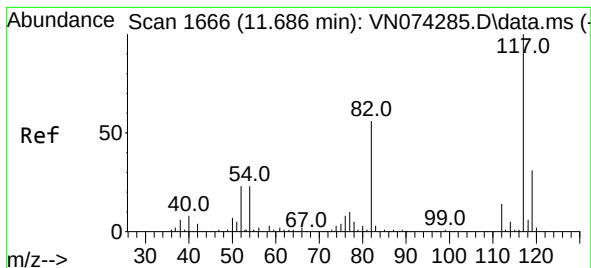
Tgt Ion: 98 Resp: 559828
Ion Ratio Lower Upper
98 100
100 63.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.648 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074294.D
Acq: 02 Sep 2022 18:57

Tgt Ion: 95 Resp: 195525
Ion Ratio Lower Upper
95 100
174 81.0 0.0 167.6
176 78.4 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: VN074294.D

Acq: 02 Sep 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :

MW-3RDL

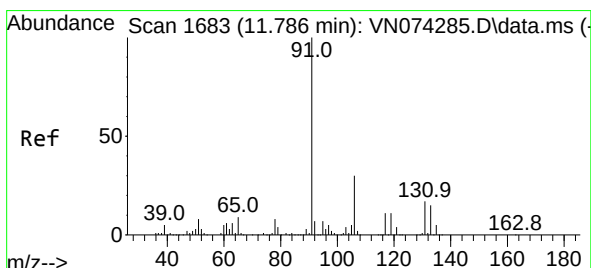
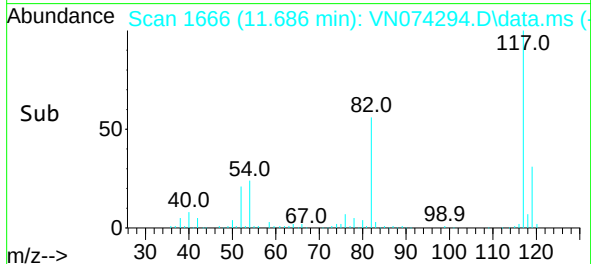
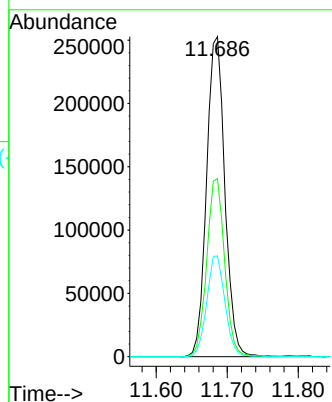
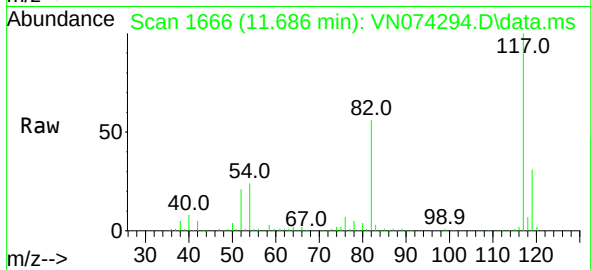
Tgt Ion:117 Resp: 452727

Ion Ratio Lower Upper

117 100

82 55.6 44.2 66.2

119 31.4 25.4 38.0



#67

Ethyl Benzene

Concen: 0.277 ug/l

RT: 11.786 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VN074294.D

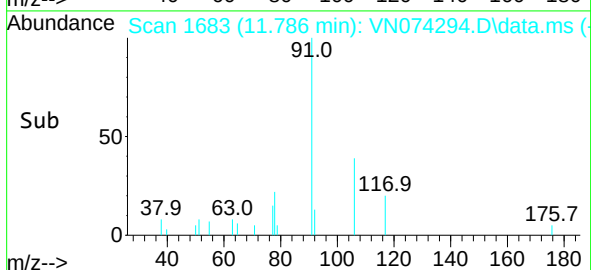
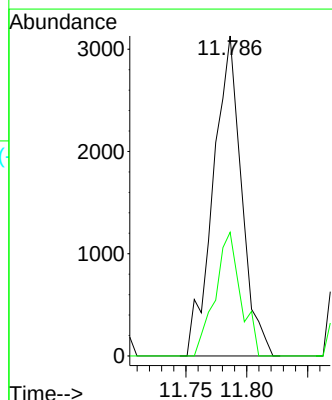
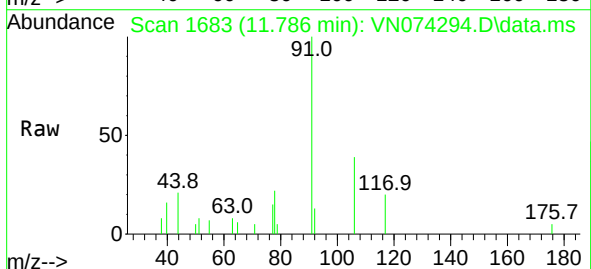
Acq: 02 Sep 2022 18:57

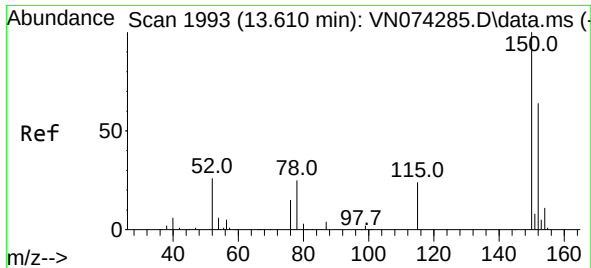
Tgt Ion: 91 Resp: 5052

Ion Ratio Lower Upper

91 100

106 38.6 24.9 37.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN074294.D

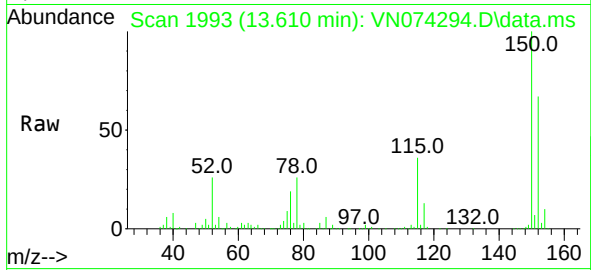
Acq: 02 Sep 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :

MW-3RDL



Tgt Ion:152 Resp: 192194

Ion Ratio Lower Upper

152 100

115 57.7 28.9 86.7

150 158.0 0.0 356.2

