

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
 Data File : VN074323.D
 Acq On : 03 Sep 2022 17:44
 Operator : JC\MD
 Sample : N4355-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16R

Quant Time: Sep 05 05:37:19 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)

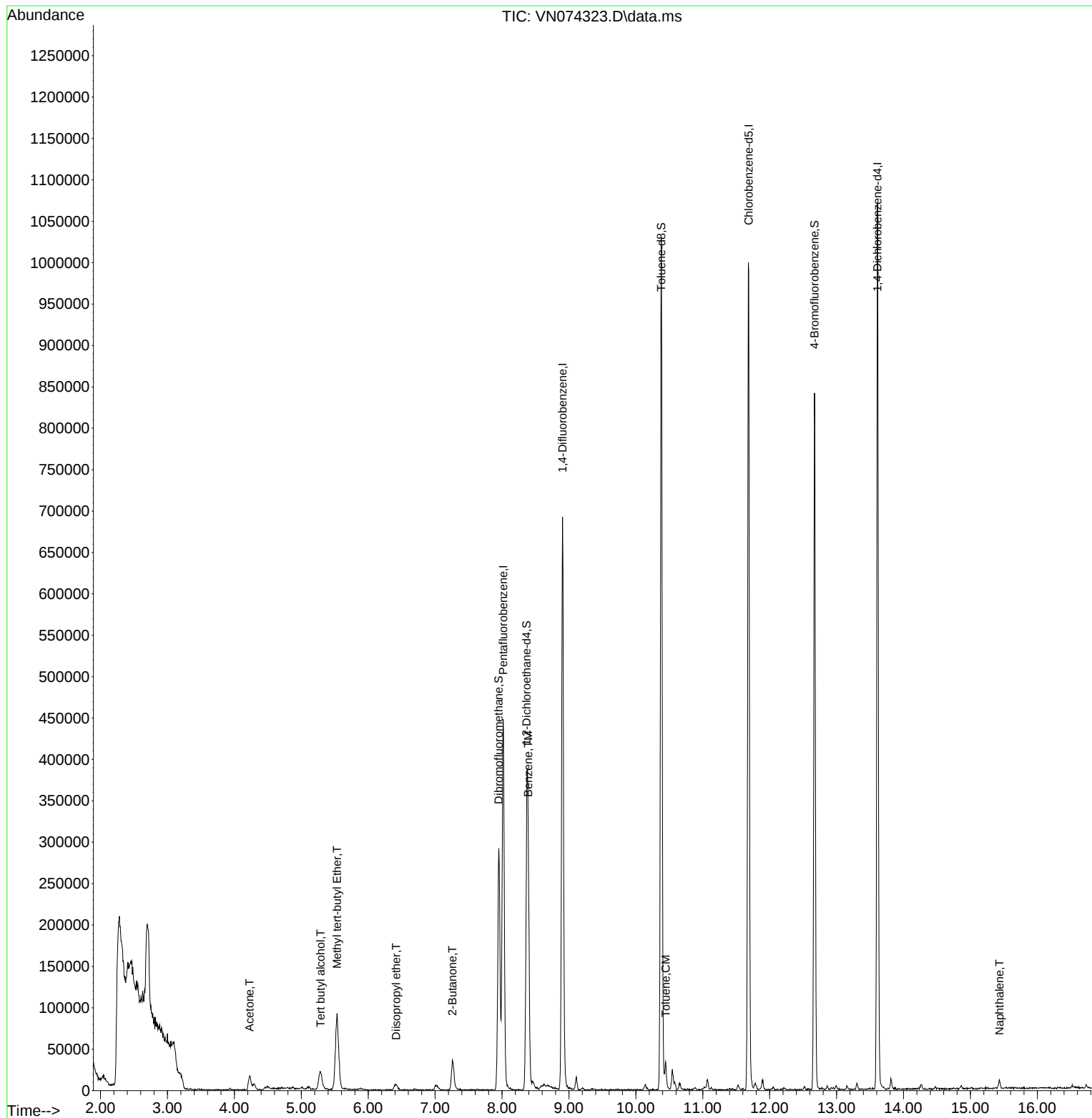
Internal Standards						
1) Pentafluorobenzene	8.016	168	317105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	584846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	554857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	258848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	229046	46.336	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.680%
35) Dibromofluoromethane	7.951	113	200037	51.616	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.240%
50) Toluene-d8	10.381	98	685502	44.857	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.720%
62) 4-Bromofluorobenzene	12.669	95	251097	45.194	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.287	59	37653	41.986	ug/l	97
16) Acetone	4.228	43	31211	15.108	ug/l	96
19) Methyl tert-butyl Ether	5.534	73	141835	11.464	ug/l	98
22) Diisopropyl ether	6.416	45	8825	0.749	ug/l #	91
25) 2-Butanone	7.257	43	58941	16.896	ug/l	95
40) Benzene	8.392	78	207179	11.940	ug/l	94
52) Toluene	10.445	92	11713	1.092	ug/l	89
95) Naphthalene	15.433	128	8174	1.193	ug/l #	92

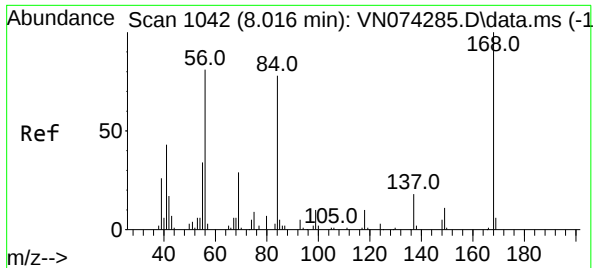
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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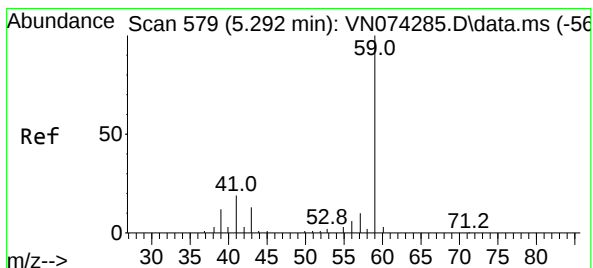
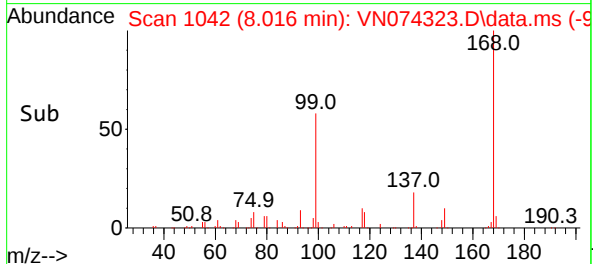
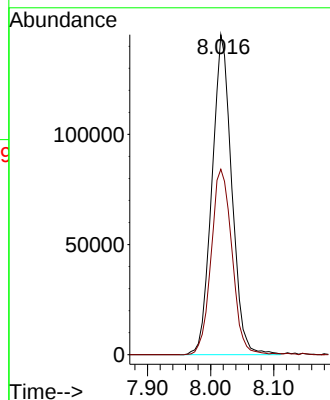
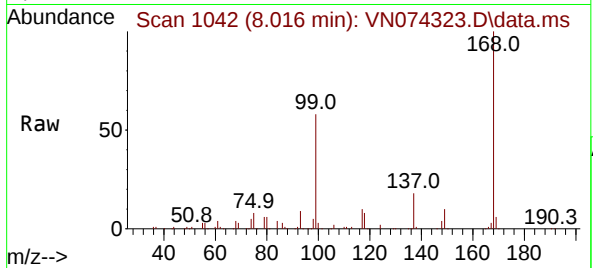




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074323.D
Acq: 03 Sep 2022 17:44

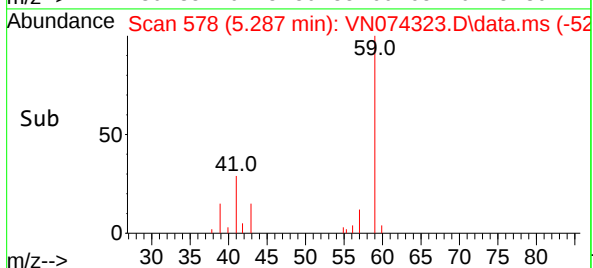
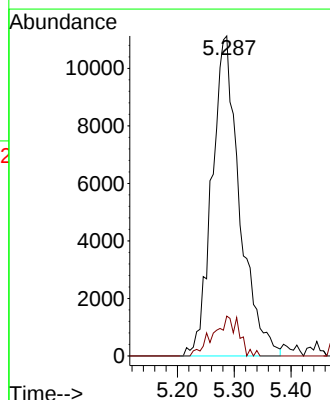
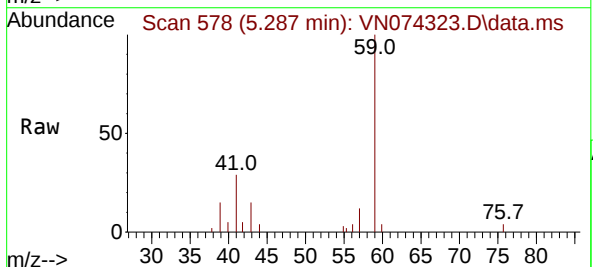
Instrument :
MSVOA_N
ClientSampleId :
MW-16R

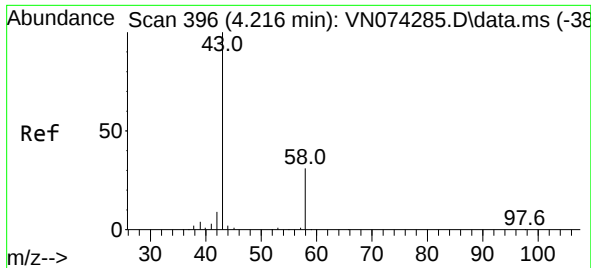
Tgt Ion:168 Resp: 317105
Ion Ratio Lower Upper
168 100
99 58.0 42.3 63.5



#11
Tert butyl alcohol
Concen: 41.986 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.000 min
Lab File: VN074323.D
Acq: 03 Sep 2022 17:44

Tgt Ion: 59 Resp: 37653
Ion Ratio Lower Upper
59 100
57 11.5 8.3 12.5





#16

Acetone

Concen: 15.108 ug/l

RT: 4.228 min Scan# 396

Delta R.T. 0.006 min

Lab File: VN074323.D

Acq: 03 Sep 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

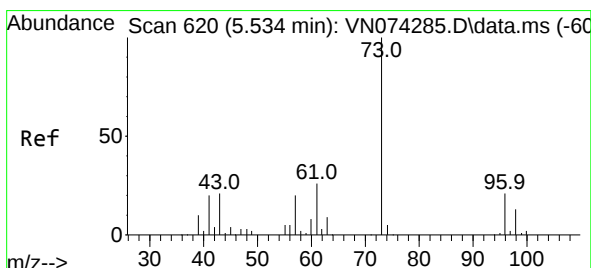
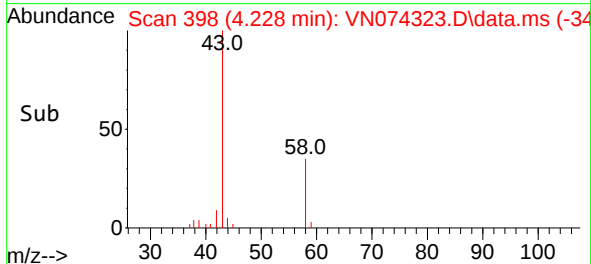
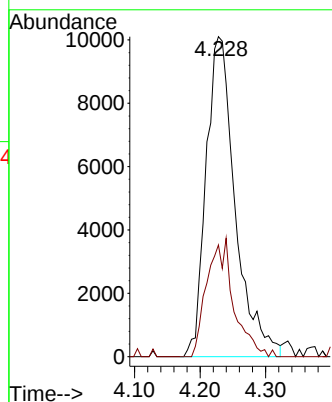
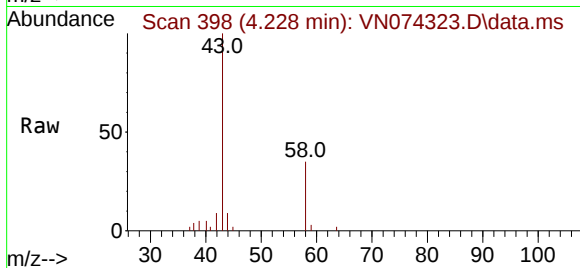
MW-16R

Tgt Ion: 43 Resp: 31211

Ion Ratio Lower Upper

43 100

58 34.9 26.0 39.0



#19

Methyl tert-butyl Ether

Concen: 11.464 ug/l

RT: 5.534 min Scan# 620

Delta R.T. -0.000 min

Lab File: VN074323.D

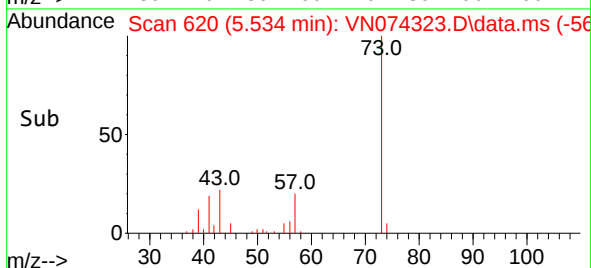
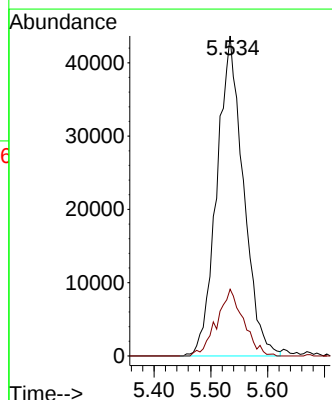
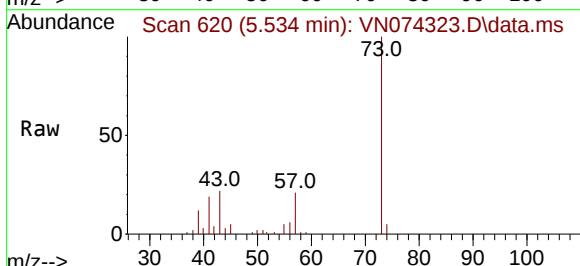
Acq: 03 Sep 2022 17:44

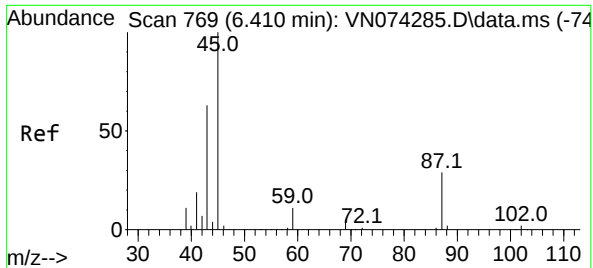
Tgt Ion: 73 Resp: 141835

Ion Ratio Lower Upper

73 100

57 20.8 17.6 26.4

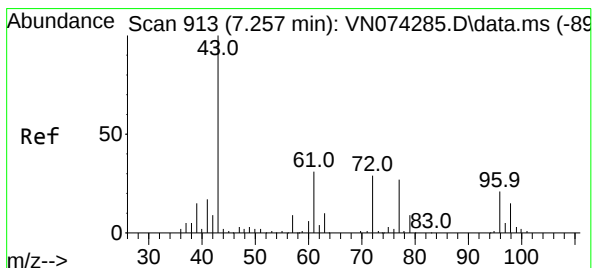
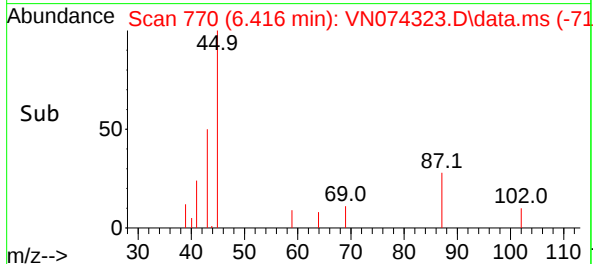
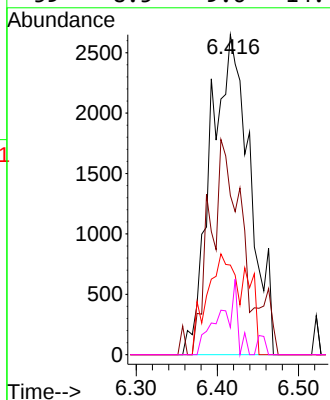
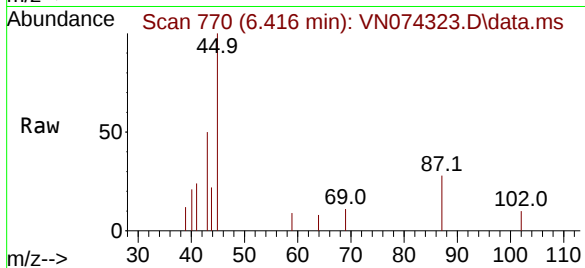




#22
Diisopropyl ether
Concen: 0.749 ug/l
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN074323.D
Acq: 03 Sep 2022 17:44

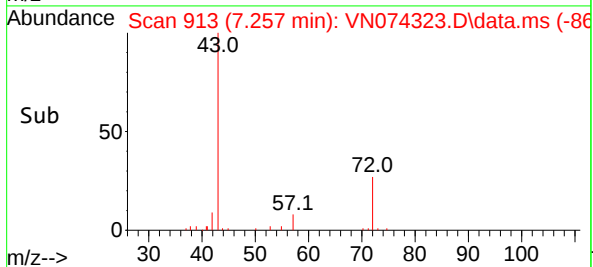
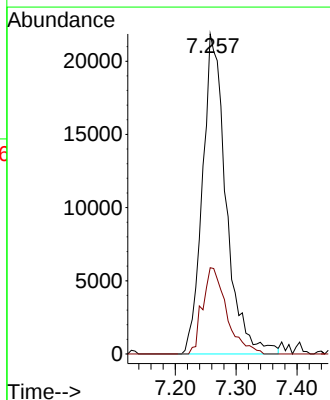
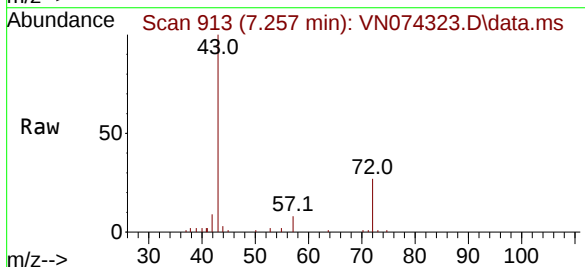
Instrument :
MSVOA_N
ClientSampleId :
MW-16R

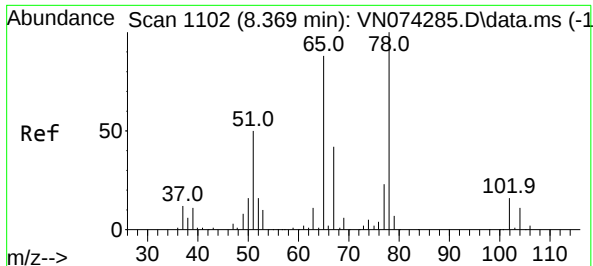
Tgt Ion:	45	Resp:	8825
Ion	Ratio	Lower	Upper
45	100		
43	49.8	46.6	70.0
87	28.0	24.3	36.5
59	8.5	9.6	14.4



#25
2-Butanone
Concen: 16.896 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074323.D
Acq: 03 Sep 2022 17:44

Tgt Ion:	43	Resp:	58941
Ion	Ratio	Lower	Upper
43	100		
72	26.9	23.7	35.5





#33

1,2-Dichloroethane-d4

Concen: 46.336 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074323.D

Acq: 03 Sep 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

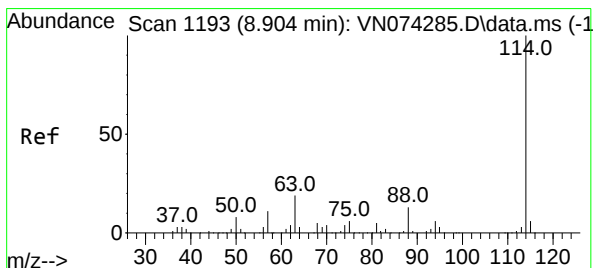
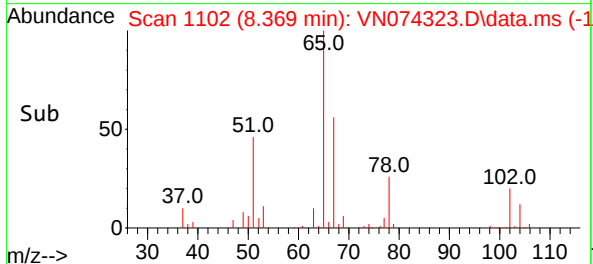
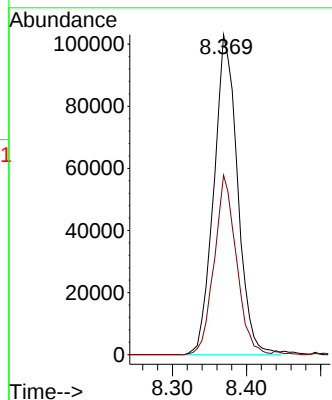
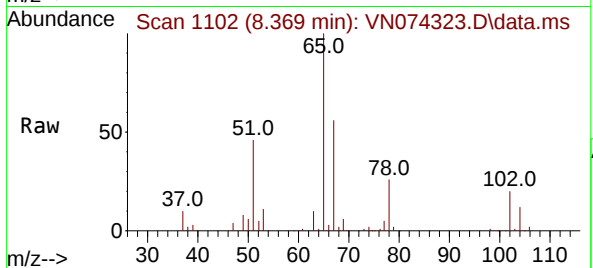
MW-16R

Tgt Ion: 65 Resp: 229046

Ion Ratio Lower Upper

65 100

67 52.6 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: VN074323.D

Acq: 03 Sep 2022 17:44

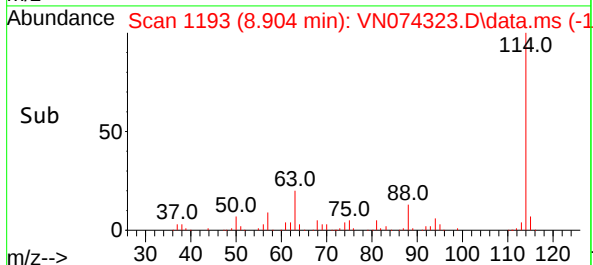
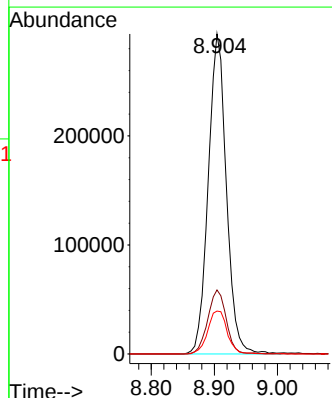
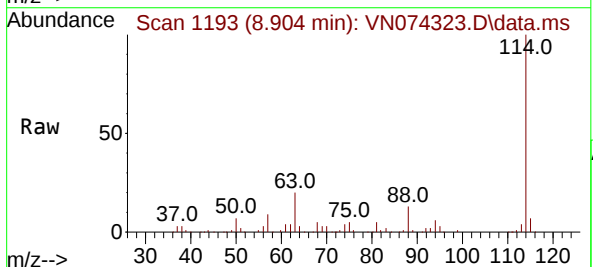
Tgt Ion: 114 Resp: 584846

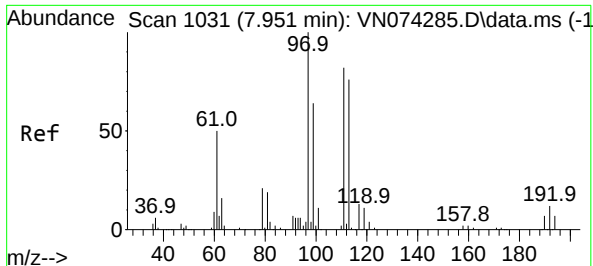
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 13.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.616 ug/l

RT: 7.951 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VN074323.D

Acq: 03 Sep 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

MW-16R

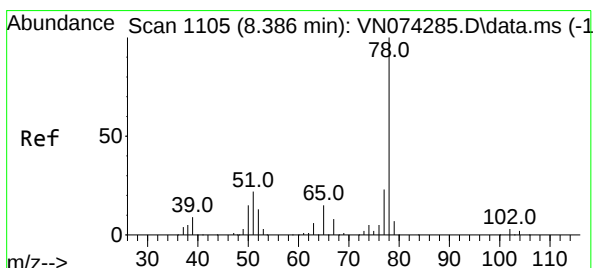
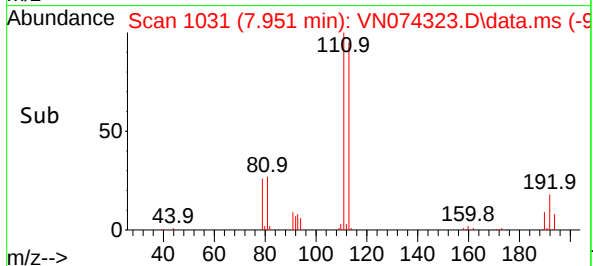
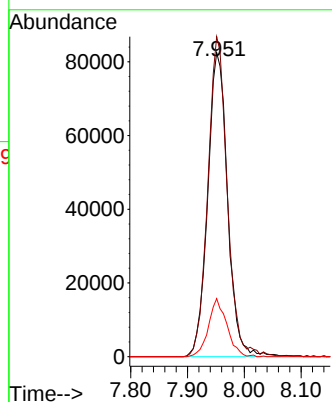
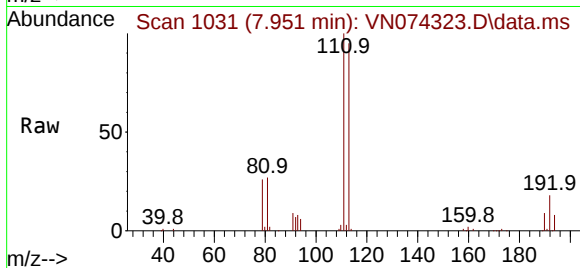
Tgt Ion:113 Resp: 200037

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 17.7 17.0 25.6



#40

Benzene

Concen: 11.940 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN074323.D

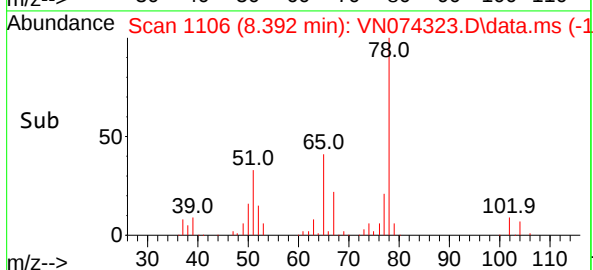
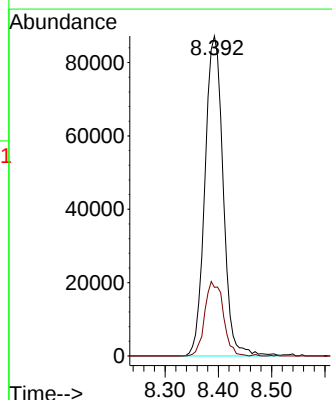
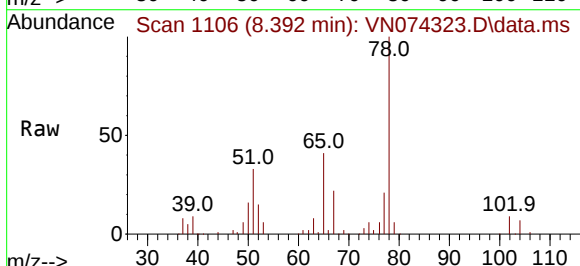
Acq: 03 Sep 2022 17:44

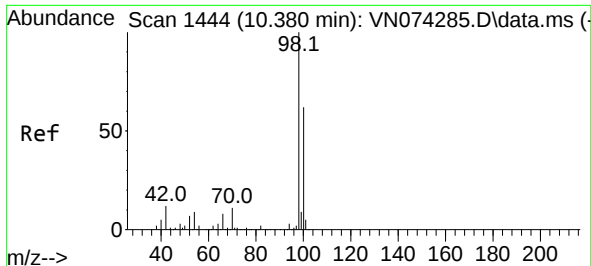
Tgt Ion: 78 Resp: 207179

Ion Ratio Lower Upper

78 100

77 21.4 19.4 29.0

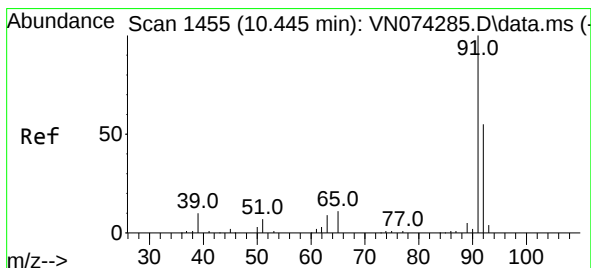
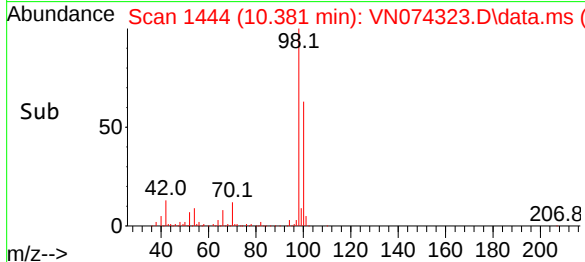
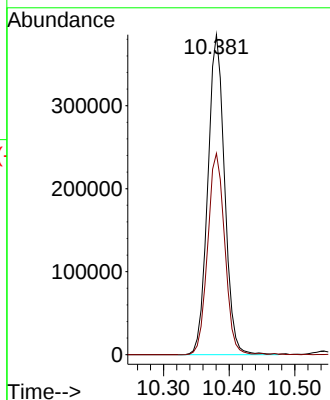
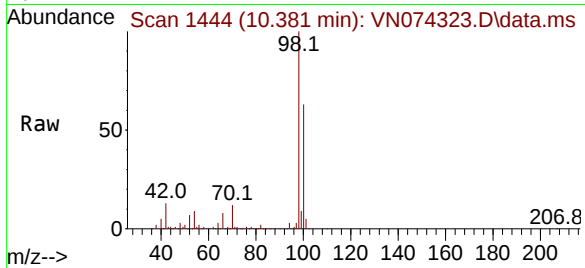




#50
Toluene-d8
Concen: 44.857 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074323.D
Acq: 03 Sep 2022 17:44

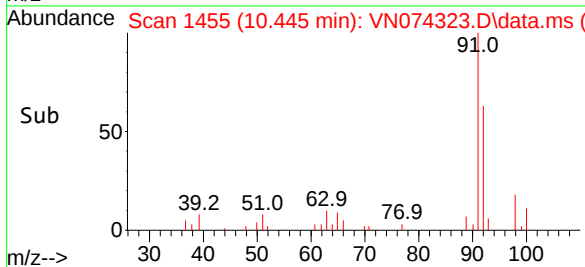
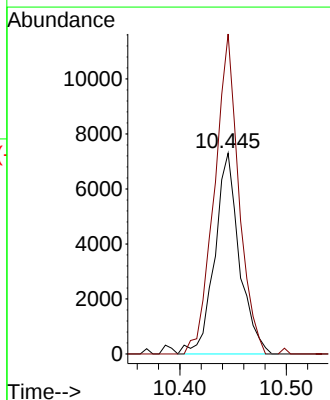
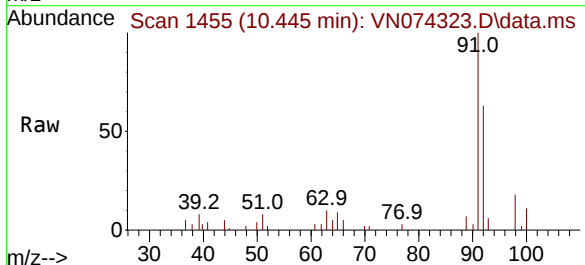
Instrument :
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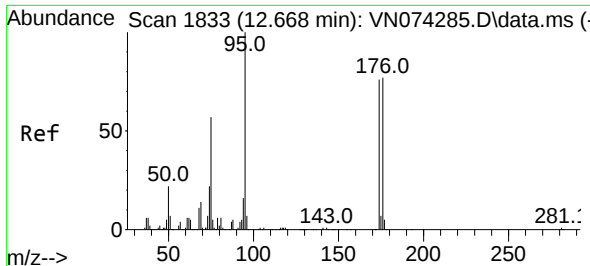
Tgt Ion: 98 Resp: 685502
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#52
Toluene
Concen: 1.092 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074323.D
Acq: 03 Sep 2022 17:44

Tgt Ion: 92 Resp: 11713
Ion Ratio Lower Upper
92 100
91 158.1 138.6 207.8

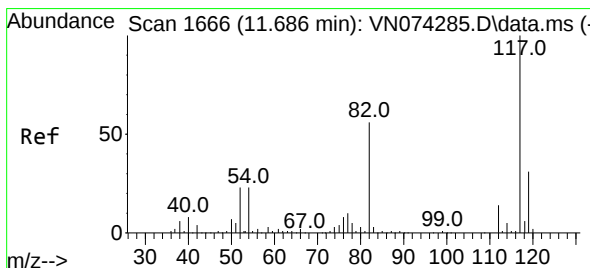
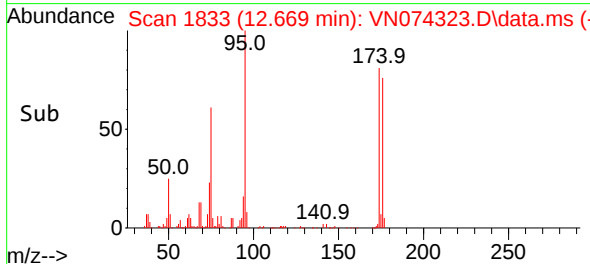
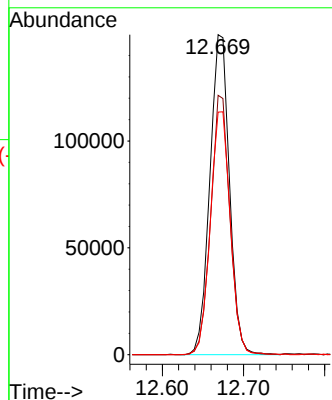
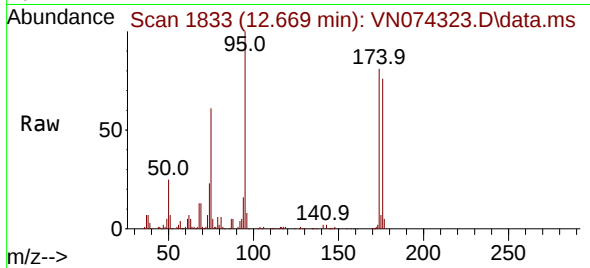




#62
4-Bromofluorobenzene
Concen: 45.194 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074323.D
Acq: 03 Sep 2022 17:44

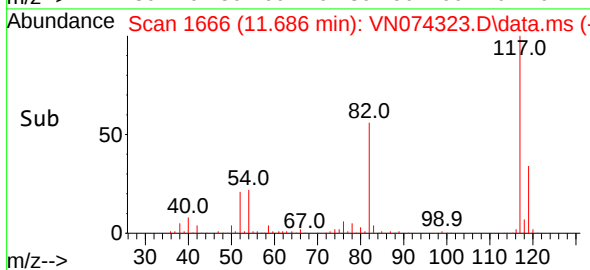
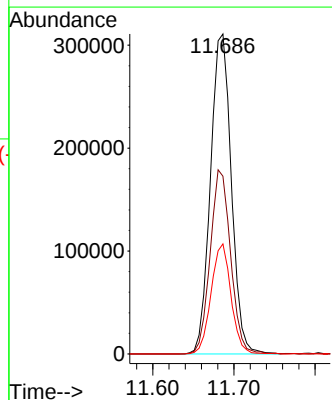
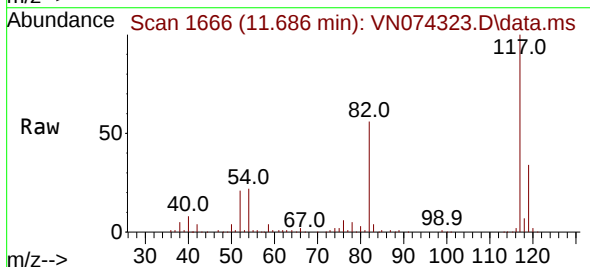
Instrument :
MSVOA_N
ClientSampleId :
MW-16R

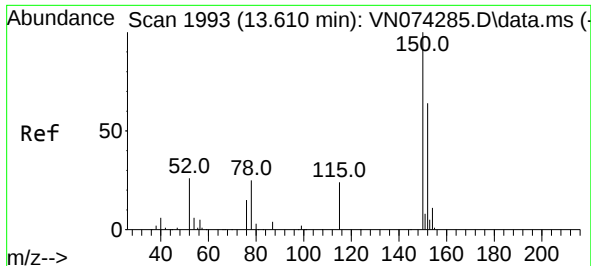
Tgt Ion: 95 Resp: 251097
Ion Ratio Lower Upper
95 100
174 79.0 0.0 167.6
176 77.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074323.D
Acq: 03 Sep 2022 17:44

Tgt Ion: 117 Resp: 554857
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 34.4 25.4 38.0

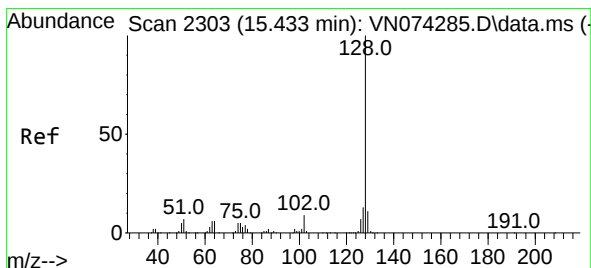
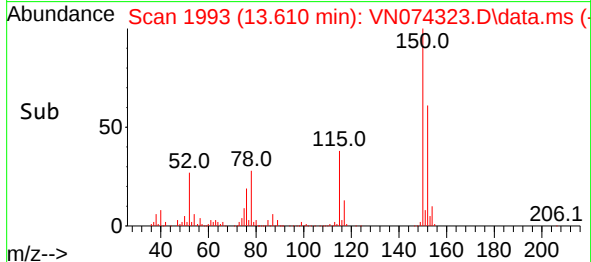
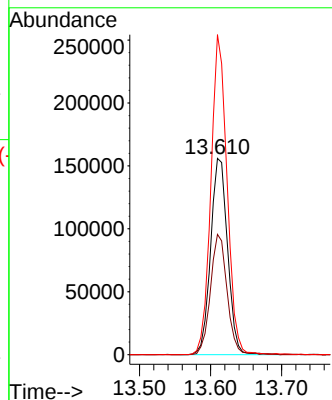
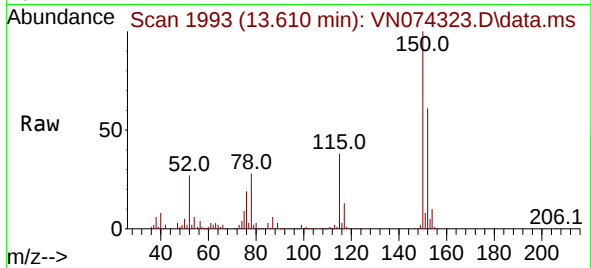




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN074323.D
 Acq: 03 Sep 2022 17:44

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16R

Tgt Ion:152 Resp: 258848
 Ion Ratio Lower Upper
 152 100
 115 60.2 28.9 86.7
 150 154.9 0.0 356.2



#95
 Naphthalene
 Concen: 1.193 ug/l
 RT: 15.433 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN074323.D
 Acq: 03 Sep 2022 17:44

Tgt Ion:128 Resp: 8174
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.3 15.5
 129 16.6 8.6 13.0#

