

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
 Data File : VN074339.D
 Acq On : 04 Sep 2022 00:14
 Operator : JC\MD
 Sample : N4355-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-37

Quant Time: Sep 05 05:43:26 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)

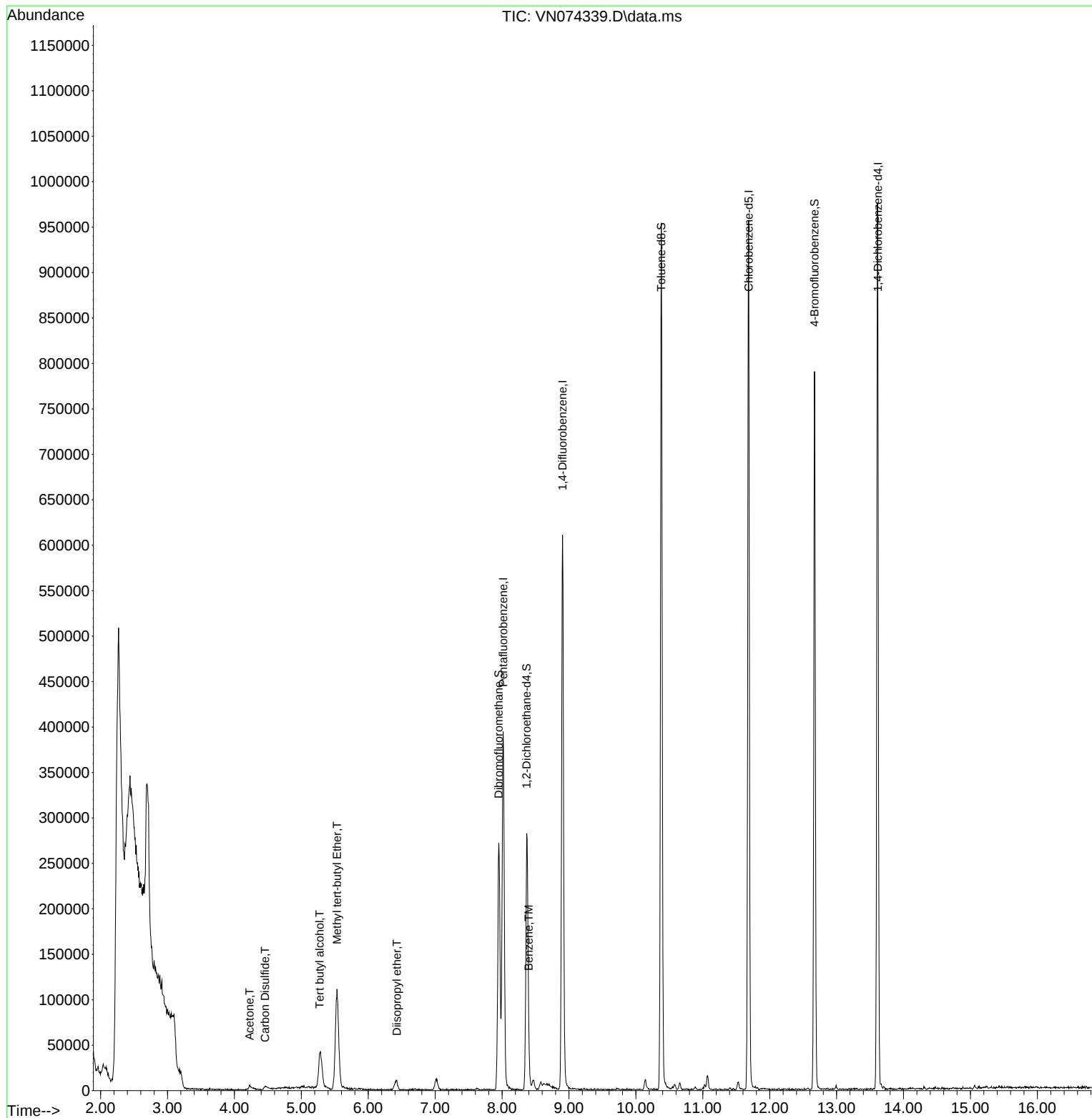
Internal Standards						
1) Pentafluorobenzene	8.016	168	283564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	529603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	525605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	243936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	213772	48.362	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.720%
35) Dibromofluoromethane	7.951	113	191034	54.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.860%
50) Toluene-d8	10.380	98	636549	45.999	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.000%
62) 4-Bromofluorobenzene	12.668	95	240254	47.592	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.275	59	65285	81.409	ug/l	98
16) Acetone	4.228	43	8256	4.469	ug/l #	49
17) Carbon Disulfide	4.457	76	7962m	1.142	ug/l	
19) Methyl tert-butyl Ether	5.534	73	178789	16.160	ug/l	92
22) Diisopropyl ether	6.428	45	12035	1.142	ug/l #	87
40) Benzene	8.398	78	25041	1.594	ug/l	96

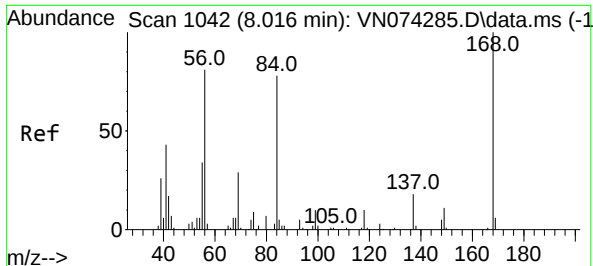
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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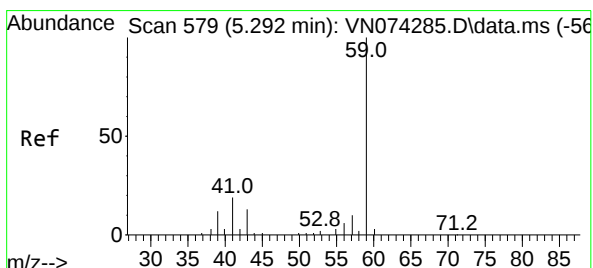
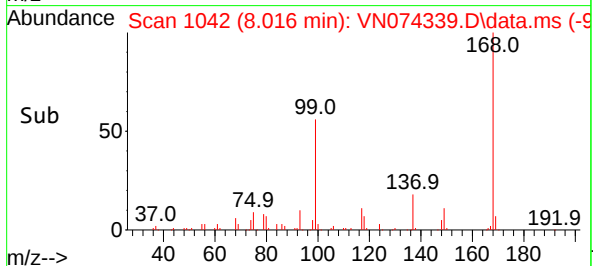
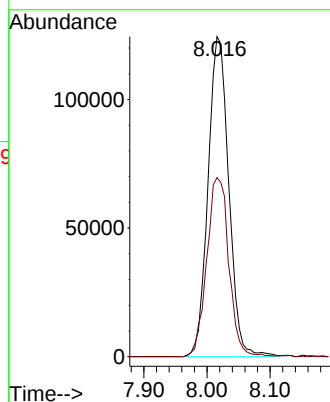
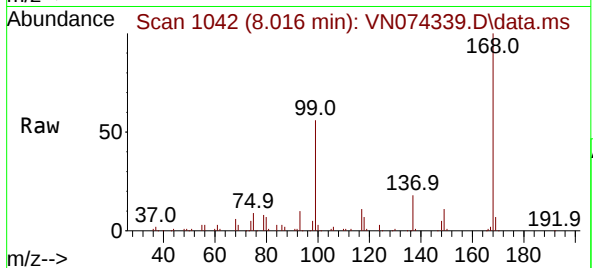




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074339.D
Acq: 04 Sep 2022 00:14

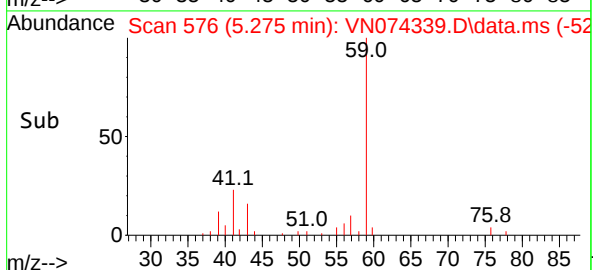
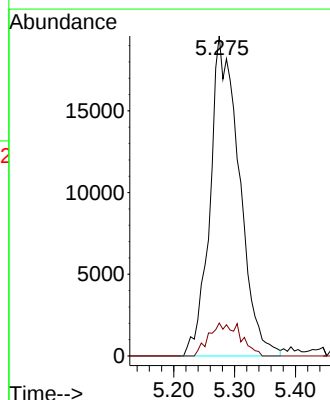
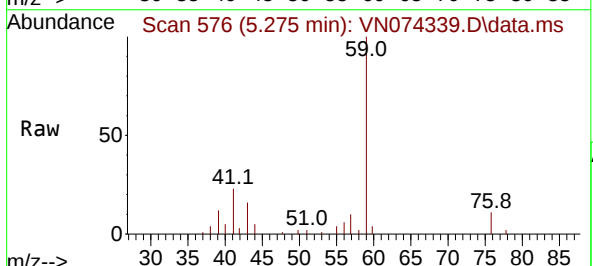
Instrument :
MSVOA_N
ClientSampleId :
MW-37

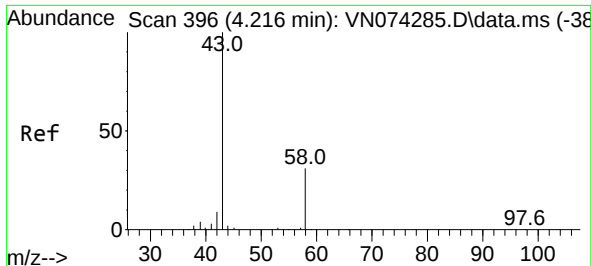
Tgt Ion:168 Resp: 283564
Ion Ratio Lower Upper
168 100
99 55.9 42.3 63.5



#11
Tert butyl alcohol
Concen: 81.409 ug/l
RT: 5.275 min Scan# 576
Delta R.T. -0.012 min
Lab File: VN074339.D
Acq: 04 Sep 2022 00:14

Tgt Ion: 59 Resp: 65285
Ion Ratio Lower Upper
59 100
57 11.1 8.3 12.5





#16

Acetone

Concen: 4.469 ug/l

RT: 4.228 min Scan# 396

Delta R.T. 0.006 min

Lab File: VN074339.D

Acq: 04 Sep 2022 00:14

Instrument :

MSVOA_N

ClientSampleId :

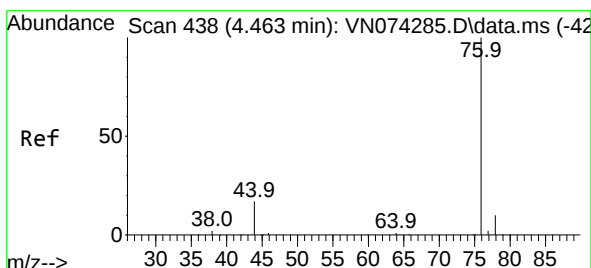
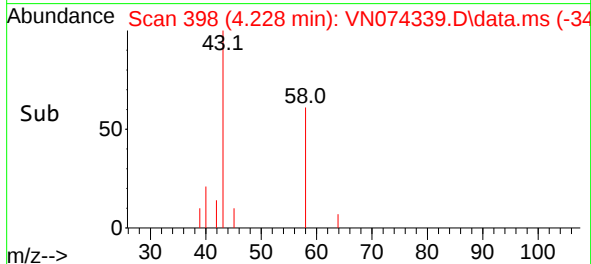
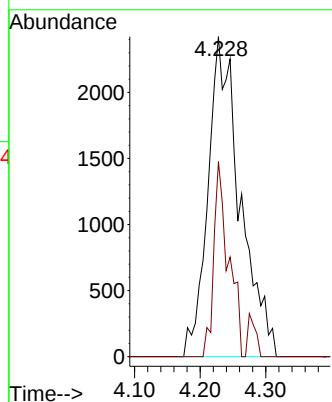
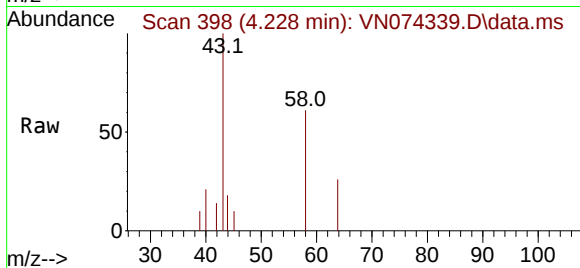
MW-37

Tgt Ion: 43 Resp: 8256

Ion Ratio Lower Upper

43 100

58 60.9 26.0 39.0#



#17

Carbon Disulfide

Concen: 1.142 ug/l m

RT: 4.457 min Scan# 437

Delta R.T. 0.006 min

Lab File: VN074339.D

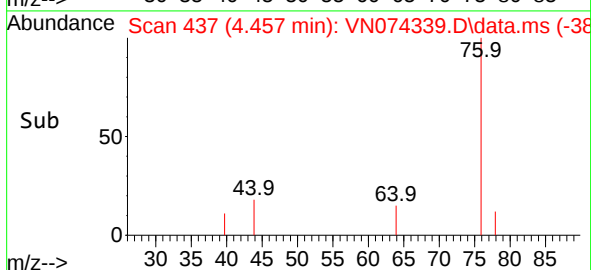
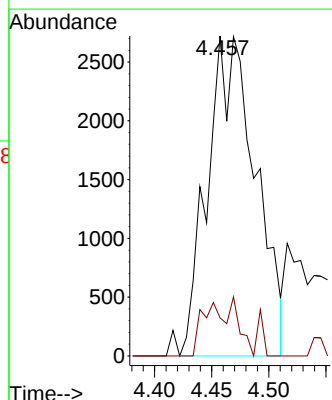
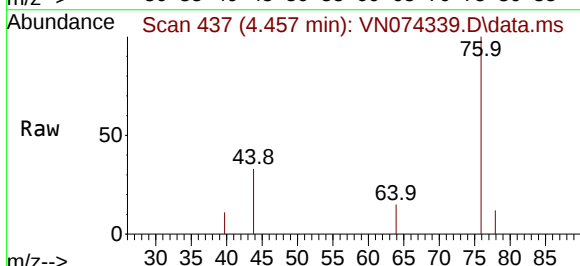
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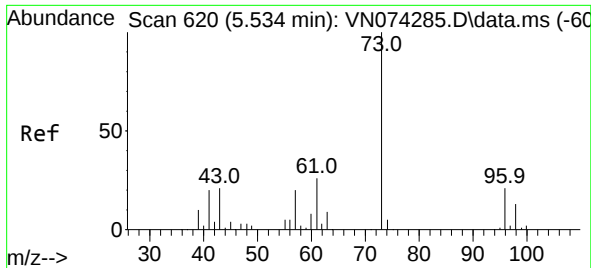
Tgt Ion: 76 Resp: 7962

Ion Ratio Lower Upper

76 100

78 11.9 7.2 10.8#

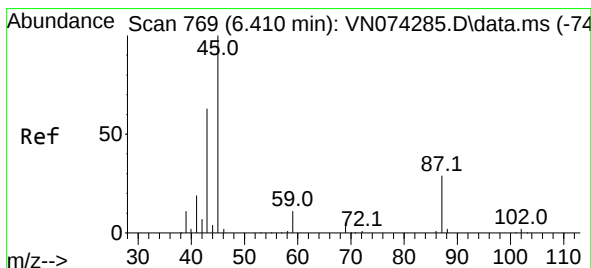
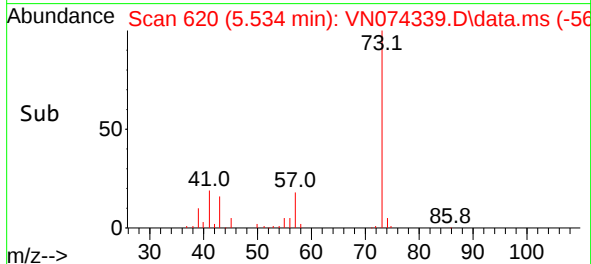
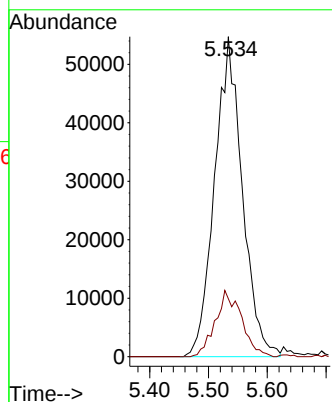
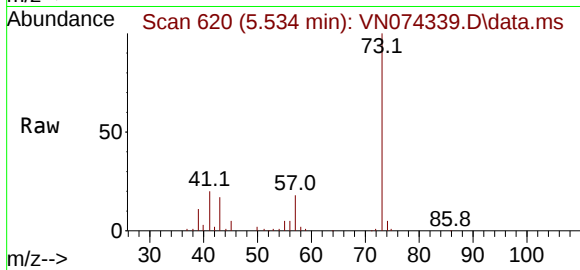




#19
Methyl tert-butyl Ether
Concen: 16.160 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074339.D
Acq: 04 Sep 2022 00:14

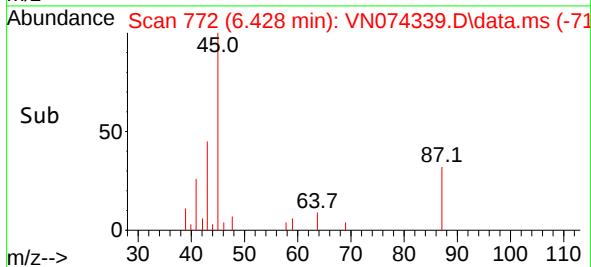
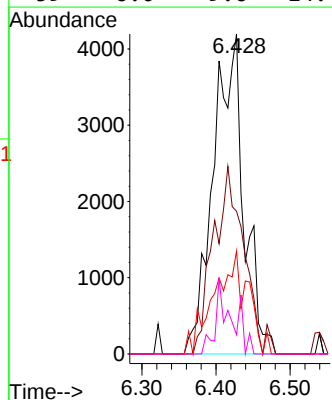
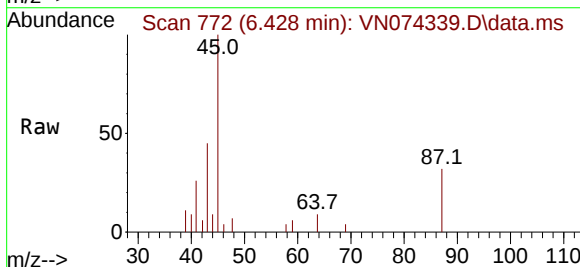
Instrument :
MSVOA_N
ClientSampleId :
MW-37

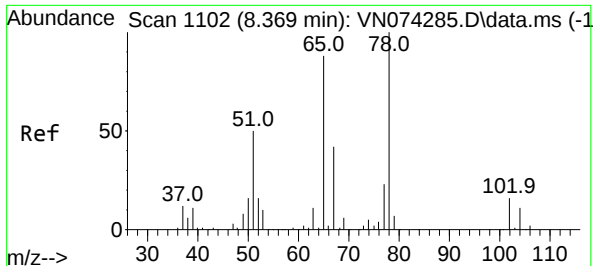
Tgt Ion: 73 Resp: 178789
Ion Ratio Lower Upper
73 100
57 18.1 17.6 26.4



#22
Diisopropyl ether
Concen: 1.142 ug/l
RT: 6.428 min Scan# 772
Delta R.T. 0.012 min
Lab File: VN074339.D
Acq: 04 Sep 2022 00:14

Tgt Ion: 45 Resp: 12035
Ion Ratio Lower Upper
45 100
43 44.6 46.6 70.0#
87 32.1 24.3 36.5
59 6.0 9.6 14.4#





#33

1,2-Dichloroethane-d4

Concen: 48.362 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074339.D

Acq: 04 Sep 2022 00:14

Instrument :

MSVOA_N

ClientSampleId :

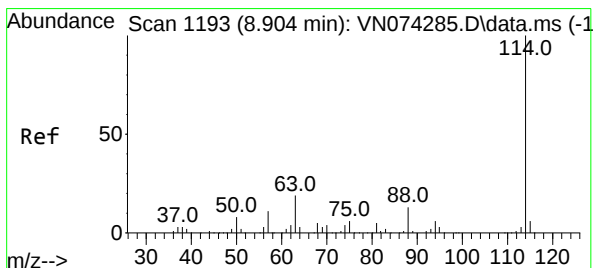
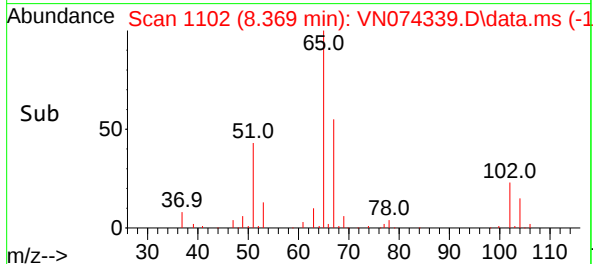
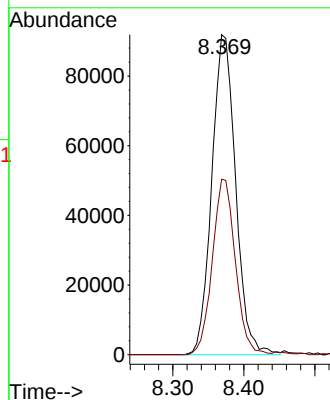
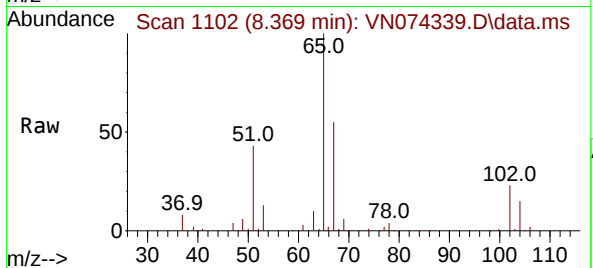
MW-37

Tgt Ion: 65 Resp: 213772

Ion Ratio Lower Upper

65 100

67 53.0 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: VN074339.D

Acq: 04 Sep 2022 00:14

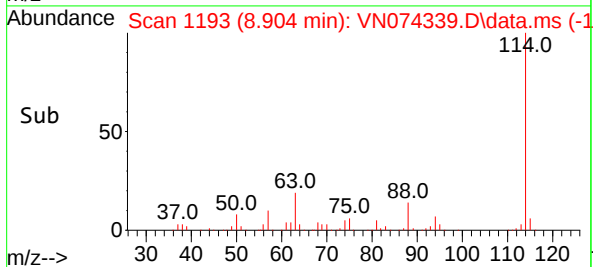
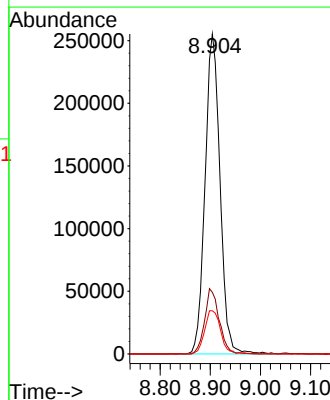
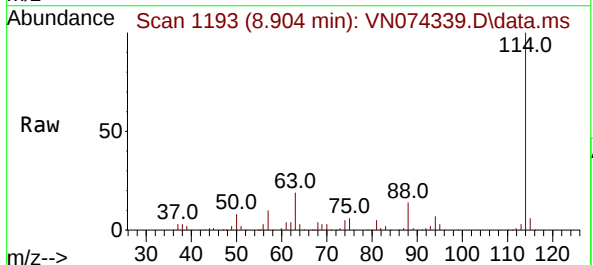
Tgt Ion: 114 Resp: 529603

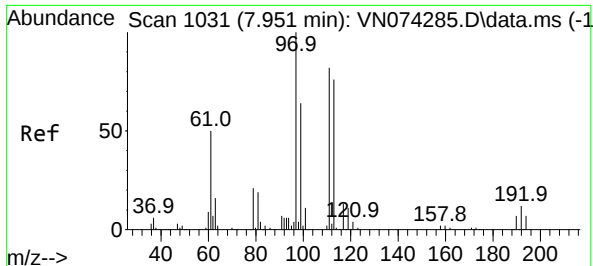
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 13.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.435 ug/l

RT: 7.951 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VN074339.D

Acq: 04 Sep 2022 00:14

Instrument :

MSVOA_N

ClientSampleId :

MW-37

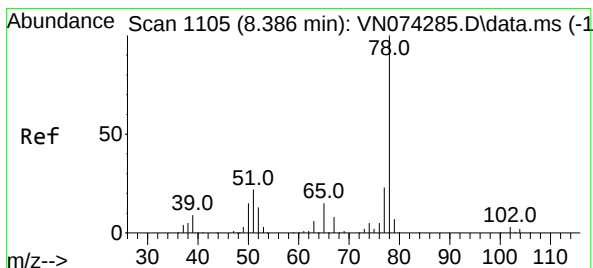
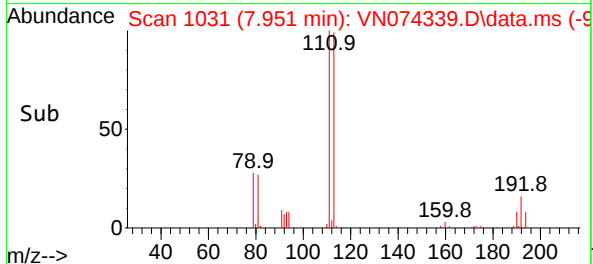
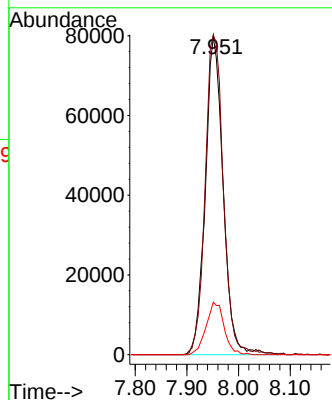
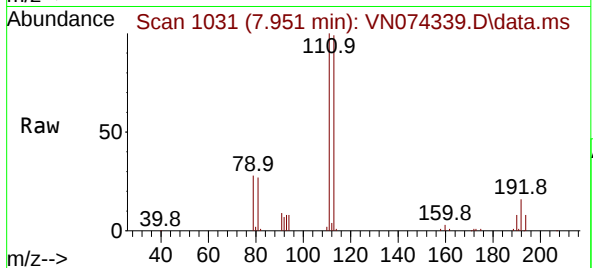
Tgt Ion:113 Resp: 191034

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 16.7 17.0 25.6#



#40

Benzene

Concen: 1.594 ug/l

RT: 8.398 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VN074339.D

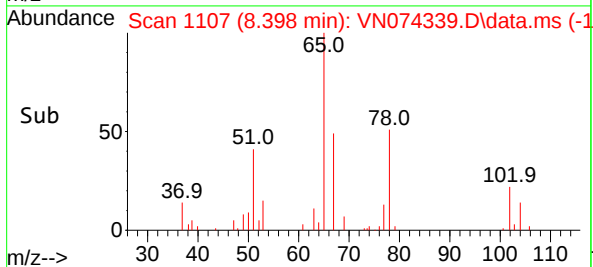
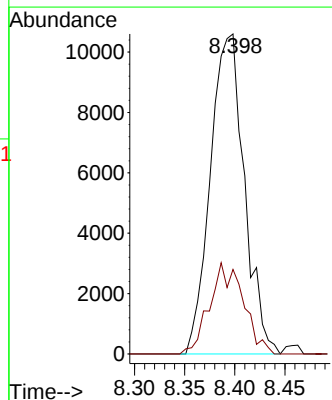
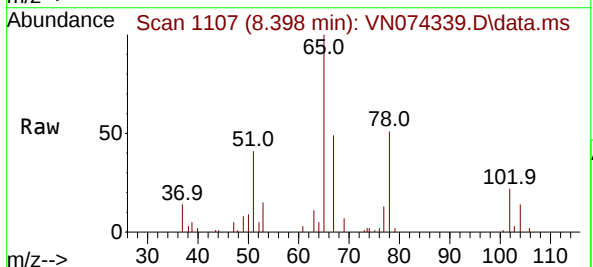
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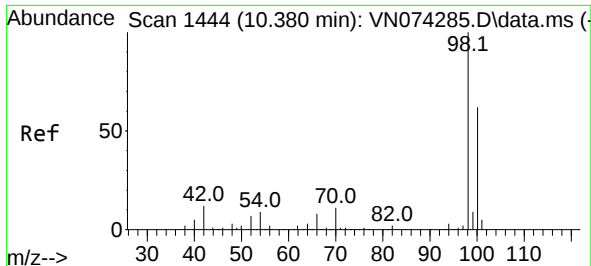
Tgt Ion: 78 Resp: 25041

Ion Ratio Lower Upper

78 100

77 26.4 19.4 29.0

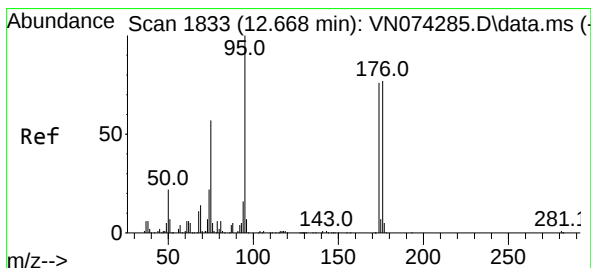
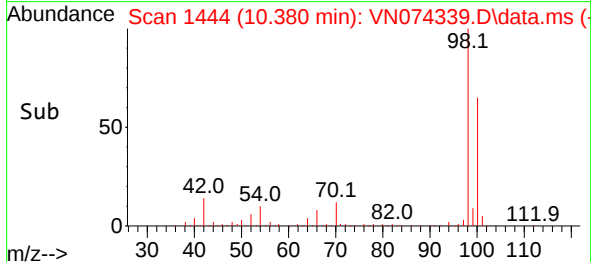
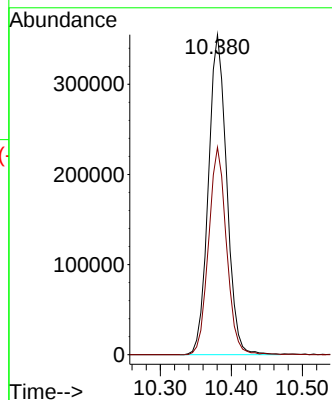
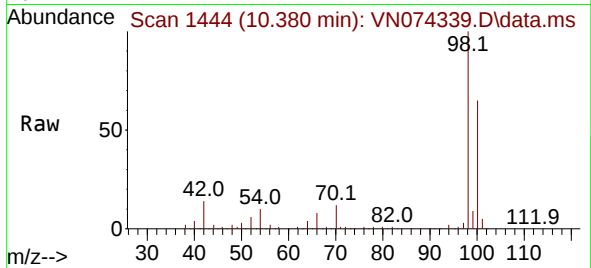




#50
Toluene-d8
Concen: 45.999 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074339.D
Acq: 04 Sep 2022 00:14

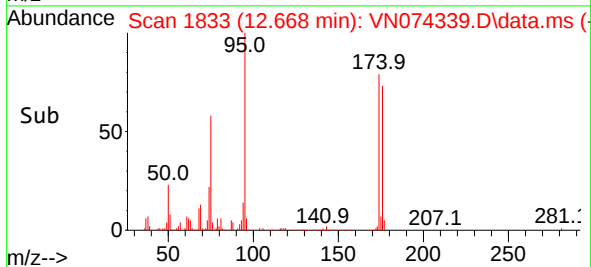
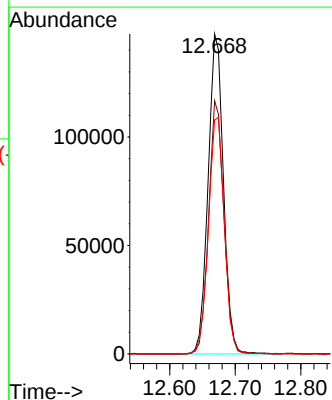
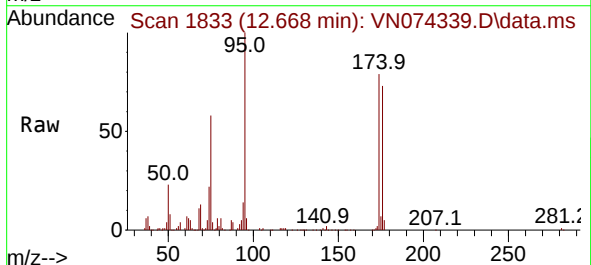
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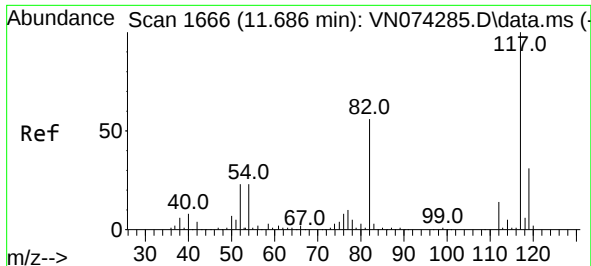
Tgt Ion: 98 Resp: 636549
Ion Ratio Lower Upper
98 100
100 63.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.592 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN074339.D
Acq: 04 Sep 2022 00:14

Tgt Ion: 95 Resp: 240254
Ion Ratio Lower Upper
95 100
174 78.8 0.0 167.6
176 76.4 0.0 163.4

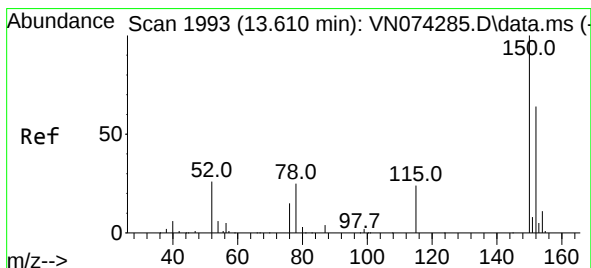
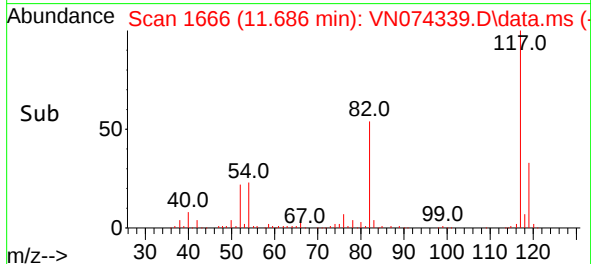
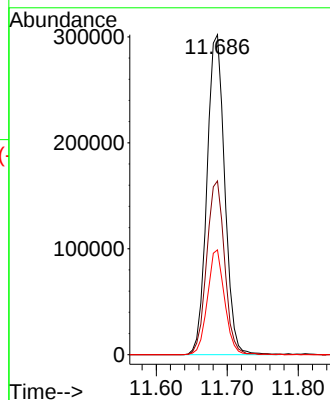
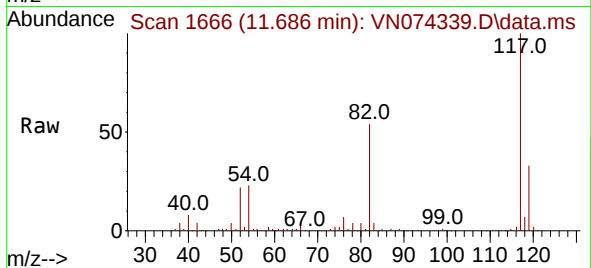




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074339.D
Acq: 04 Sep 2022 00:14

Instrument :
MSVOA_N
ClientSampleId :
MW-37

Tgt Ion:117 Resp: 525605
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN074339.D
Acq: 04 Sep 2022 00:14

Tgt Ion:152 Resp: 243936
Ion Ratio Lower Upper
152 100
115 58.8 28.9 86.7
150 157.0 0.0 356.2

