

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073404.D
 Acq On : 08 Jul 2022 19:46
 Operator : JC\MD
 Sample : N3642-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Jul 09 05:30:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

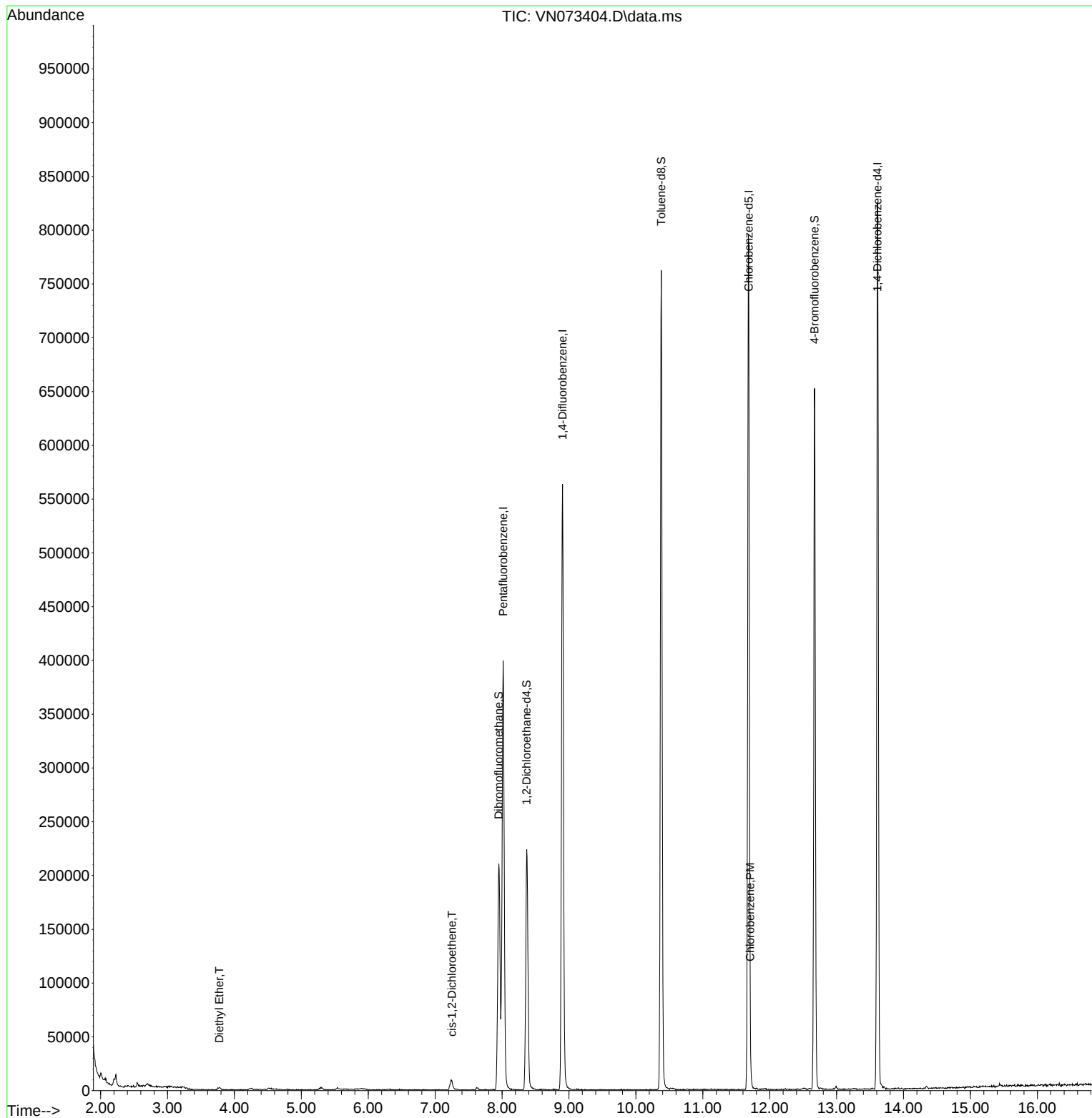
Internal Standards						
1) Pentafluorobenzene	8.016	168	289661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	495055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	449624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	224881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	190399	45.533	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.060%
35) Dibromofluoromethane	7.951	113	159524	48.433	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.860%
50) Toluene-d8	10.380	98	518602	44.333	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.660%
62) 4-Bromofluorobenzene	12.669	95	227530	50.613	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.220%
Target Compounds						
8) Diethyl Ether	3.775	74	1356	0.552	ug/l	70
27) cis-1,2-Dichloroethene	7.251	96	1577	0.365	ug/l	81
65) Chlorobenzene	11.710	112	5165	0.508	ug/l	91

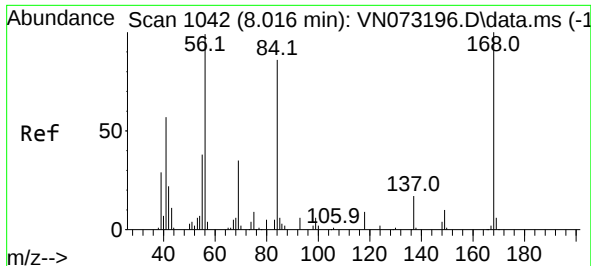
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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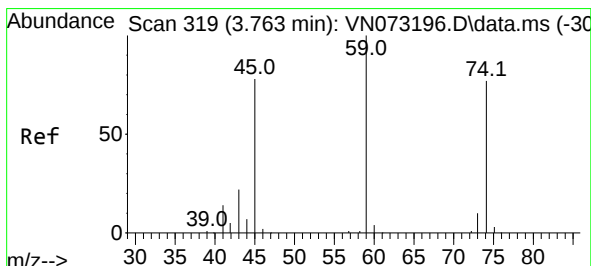
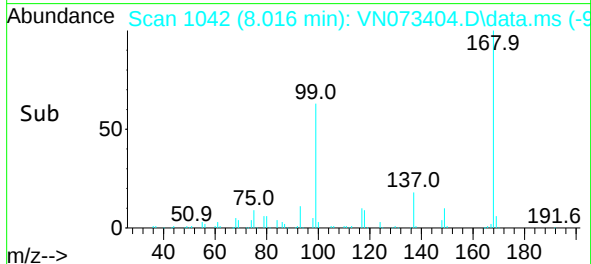
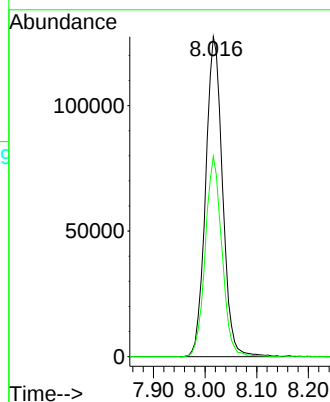
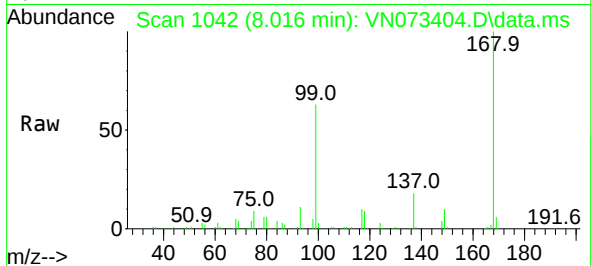




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073404.D
Acq: 08 Jul 2022 19:46

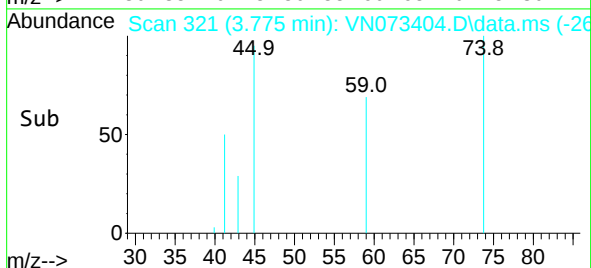
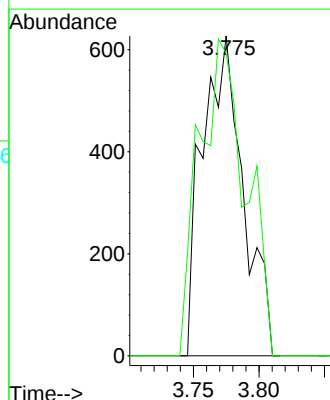
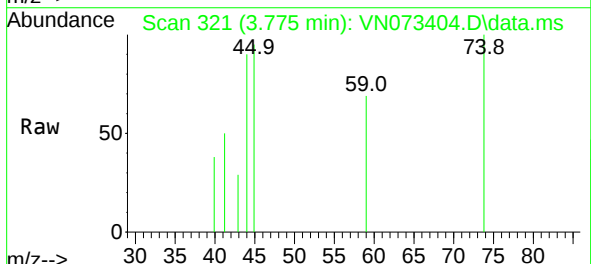
Instrument :
MSVOA_N
ClientSampleId :
MW-2

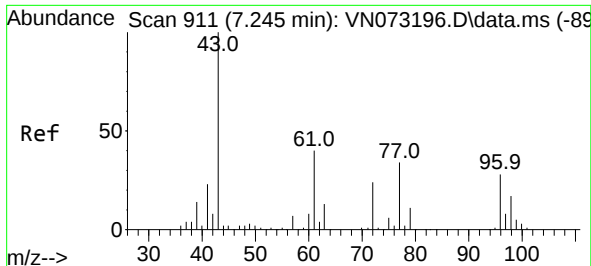
Tgt Ion:168 Resp: 289661
Ion Ratio Lower Upper
168 100
99 62.6 42.3 63.5



#8
Diethyl Ether
Concen: 0.552 ug/l
RT: 3.775 min Scan# 321
Delta R.T. 0.012 min
Lab File: VN073404.D
Acq: 08 Jul 2022 19:46

Tgt Ion: 74 Resp: 1356
Ion Ratio Lower Upper
74 100
45 112.9 42.9 128.5

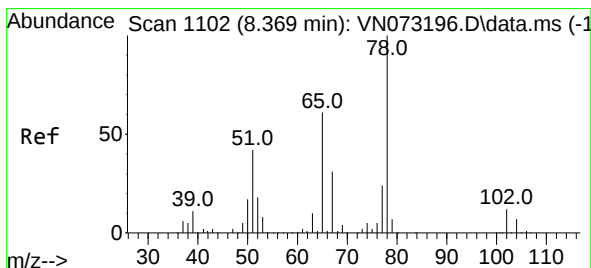
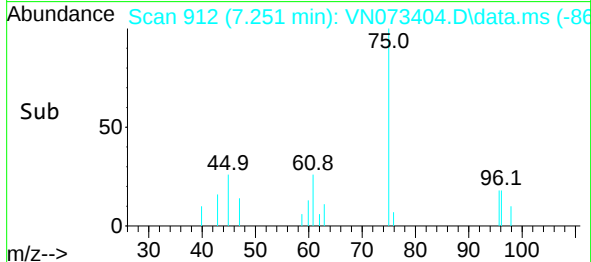
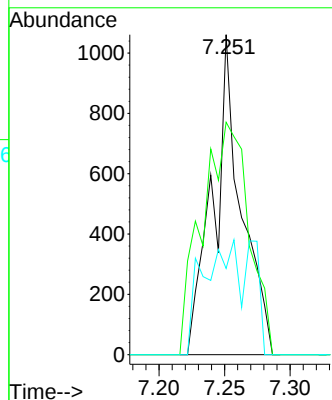
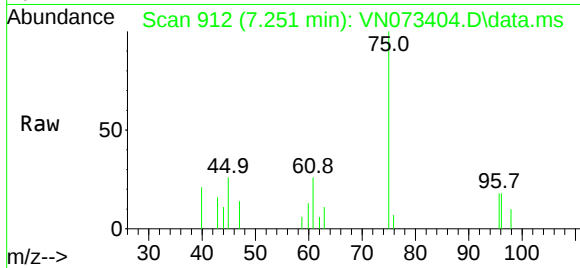




#27
 cis-1,2-Dichloroethene
 Concen: 0.365 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN073404.D
 Acq: 08 Jul 2022 19:46

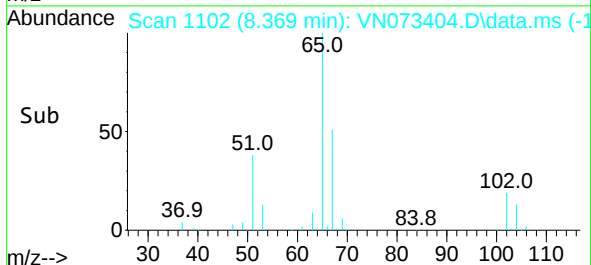
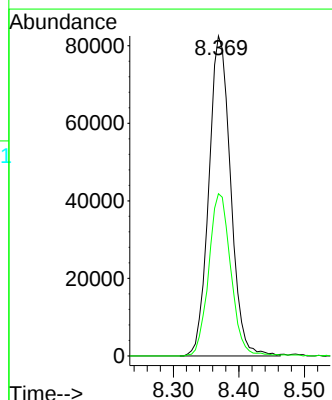
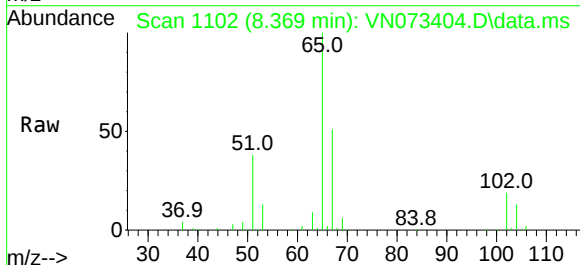
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Tgt Ion: 96 Resp: 1577
 Ion Ratio Lower Upper
 96 100
 61 121.0 0.0 280.6
 98 44.7 0.0 128.4



#33
 1,2-Dichloroethane-d4
 Concen: 45.533 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN073404.D
 Acq: 08 Jul 2022 19:46

Tgt Ion: 65 Resp: 190399
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073404.D

Acq: 08 Jul 2022 19:46

Instrument :

MSVOA_N

ClientSampleId :

MW-2

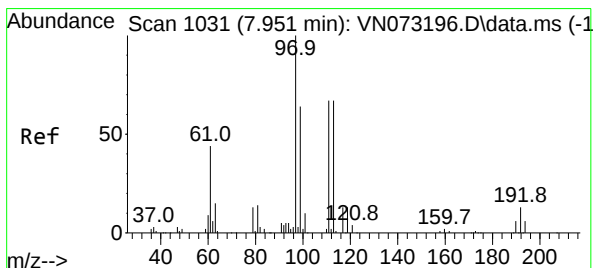
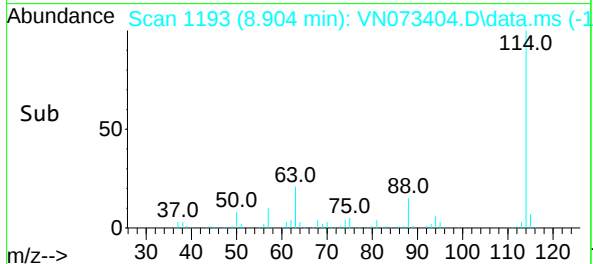
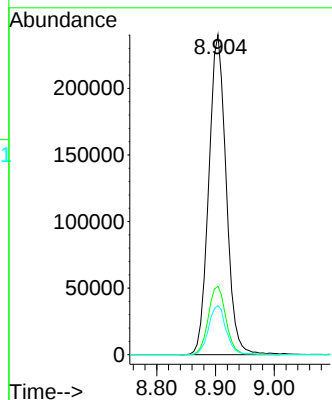
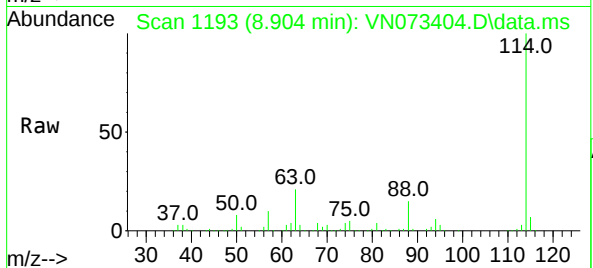
Tgt Ion:114 Resp: 495055

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.433 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073404.D

Acq: 08 Jul 2022 19:46

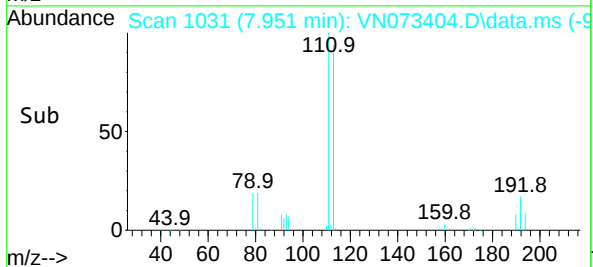
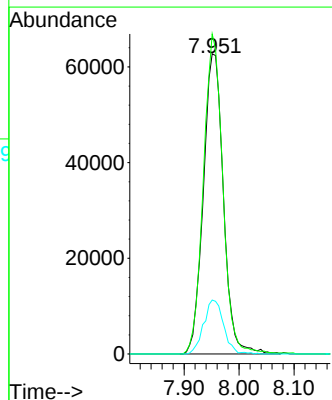
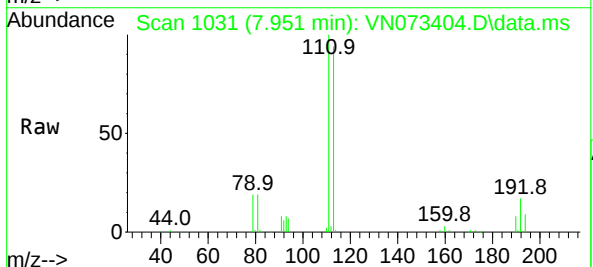
Tgt Ion:113 Resp: 159524

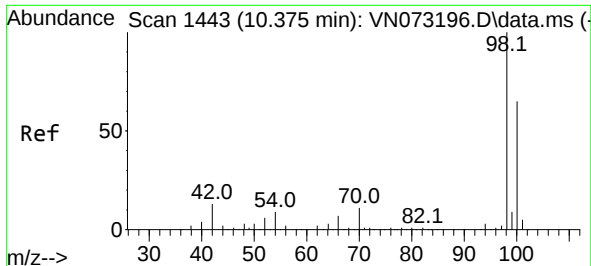
Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 17.8 17.0 25.6

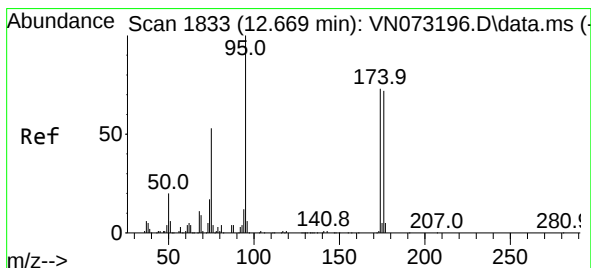
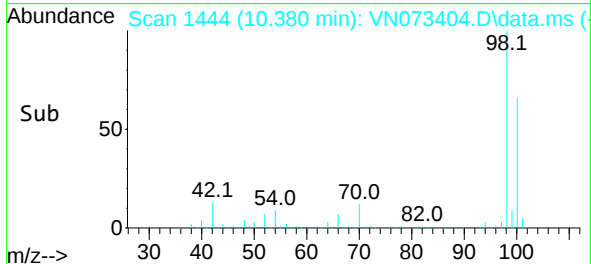
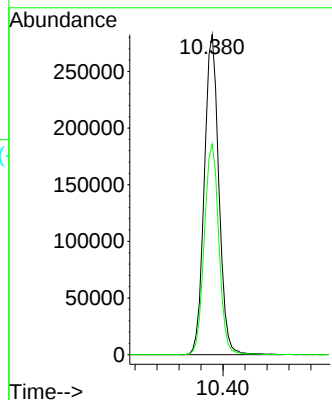
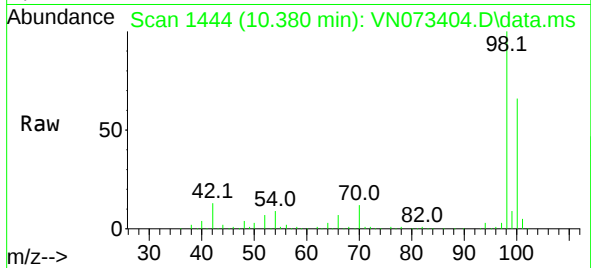




#50
Toluene-d8
Concen: 44.333 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073404.D
Acq: 08 Jul 2022 19:46

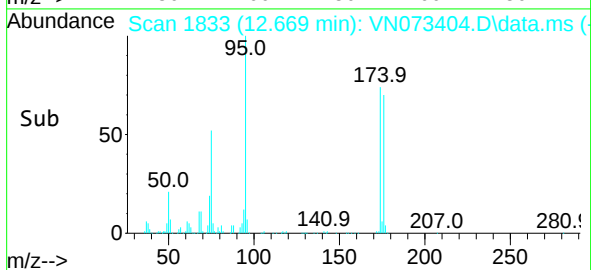
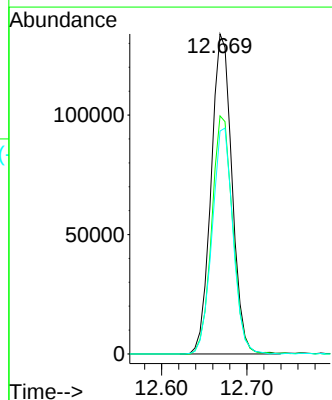
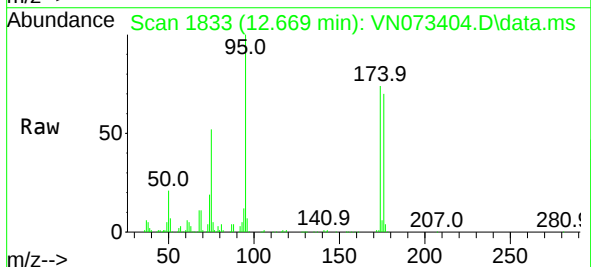
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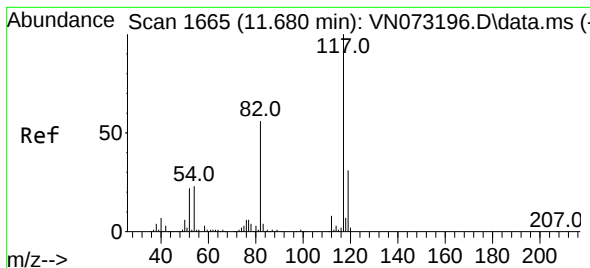
Tgt Ion: 98 Resp: 518602
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.613 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073404.D
Acq: 08 Jul 2022 19:46

Tgt Ion: 95 Resp: 227530
Ion Ratio Lower Upper
95 100
174 74.7 0.0 167.6
176 70.7 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073404.D

Acq: 08 Jul 2022 19:46

Instrument :

MSVOA_N

ClientSampleId :

MW-2

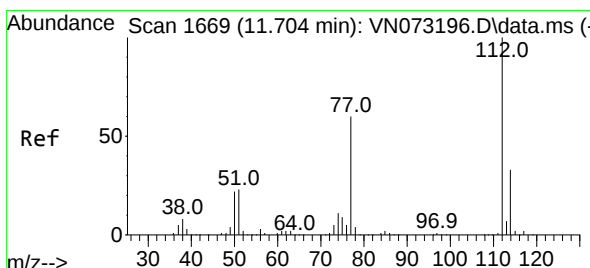
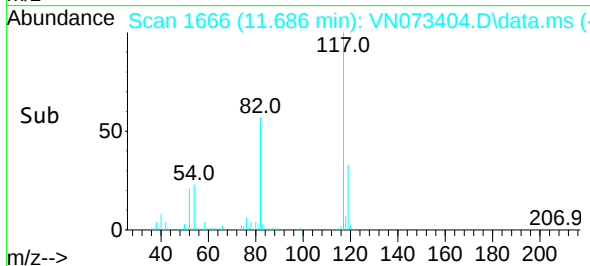
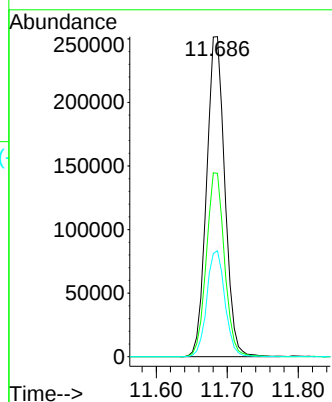
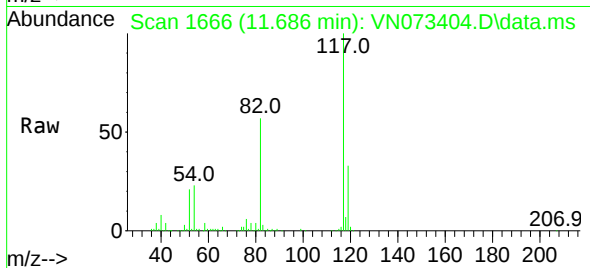
Tgt Ion:117 Resp: 449624

Ion Ratio Lower Upper

117 100

82 57.3 44.2 66.2

119 33.1 25.4 38.0



#65

Chlorobenzene

Concen: 0.508 ug/l

RT: 11.710 min Scan# 1670

Delta R.T. 0.006 min

Lab File: VN073404.D

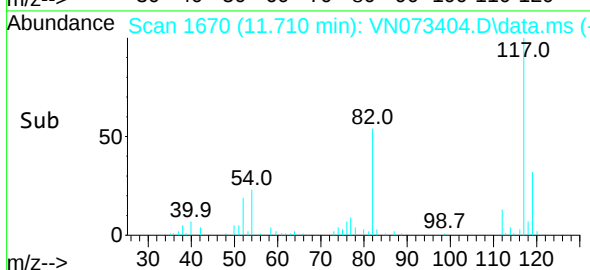
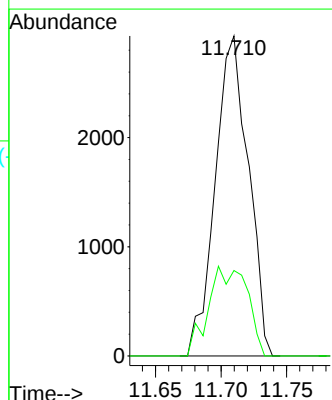
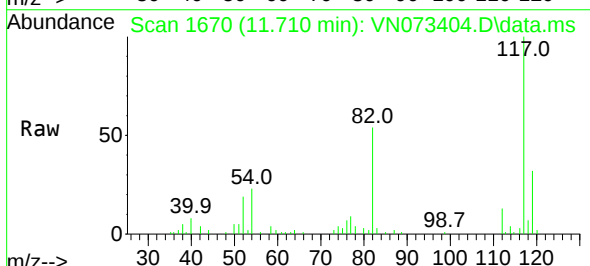
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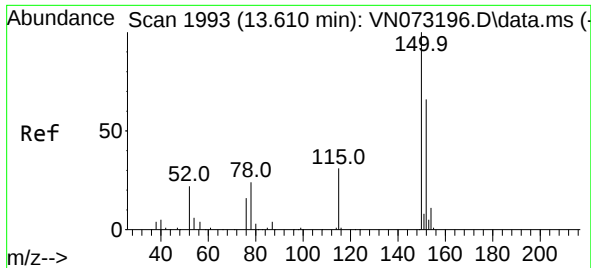
Tgt Ion:112 Resp: 5165

Ion Ratio Lower Upper

112 100

114 26.7 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073404.D
 Acq: 08 Jul 2022 19:46

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Tgt Ion:152 Resp: 224881
 Ion Ratio Lower Upper
 152 100
 115 60.3 28.9 86.7
 150 154.3 0.0 356.2

