

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073566.D
 Acq On : 21 Jul 2022 19:38
 Operator : JC\MD
 Sample : N3771-05 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11F

Quant Time: Jul 22 08:02:26 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)

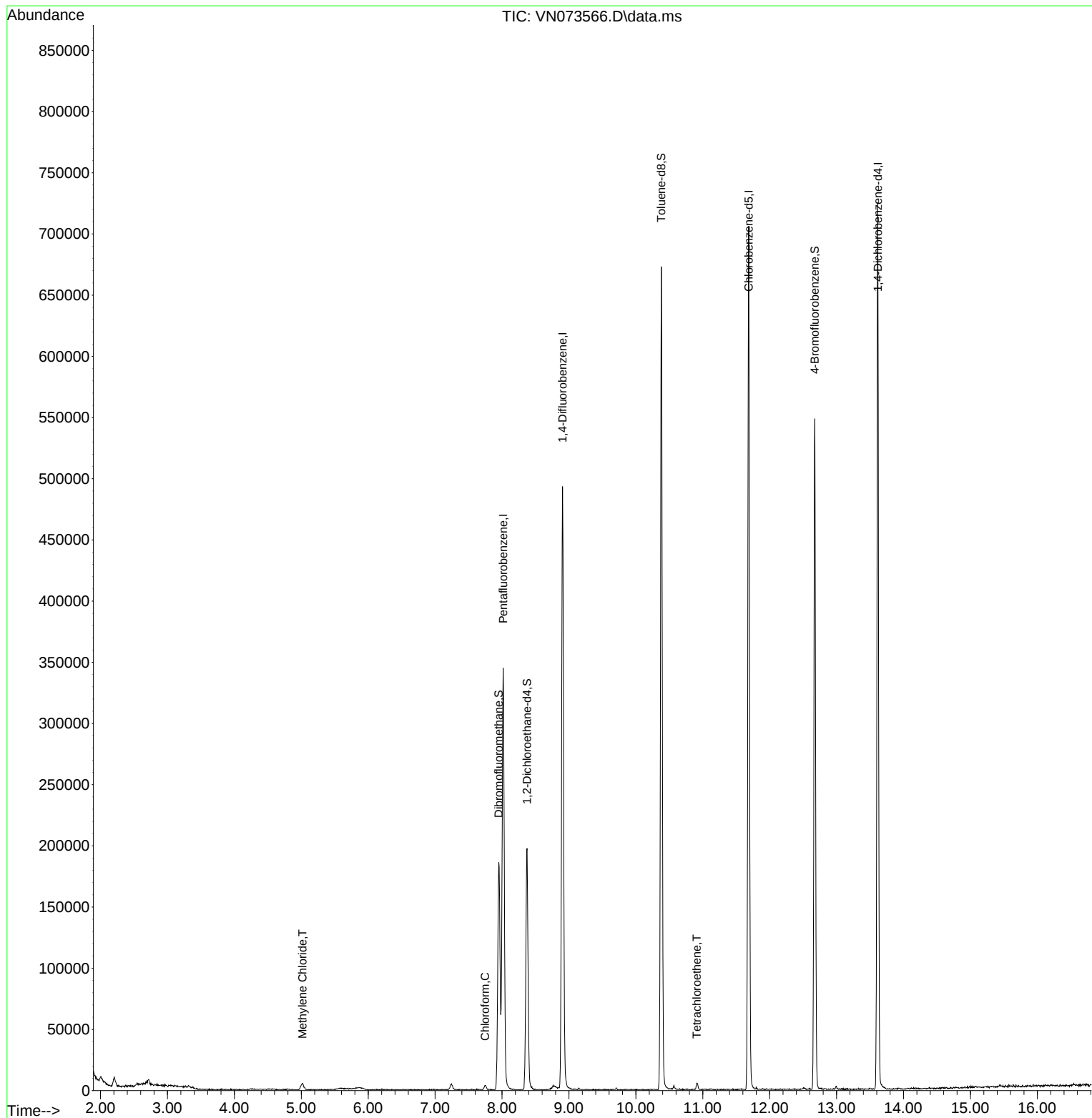
Internal Standards						
1) Pentafluorobenzene	8.016	168	260956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	427055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	394490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	188016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	160388	42.575	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.140%
35) Dibromofluoromethane	7.951	113	136182	47.930	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.860%
50) Toluene-d8	10.381	98	450342	44.627	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.260%
62) 4-Bromofluorobenzene	12.674	95	184945	47.691	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.380%
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.016	84	4012	1.080	ug/l	93
30) Chloroform	7.745	83	3493	0.555	ug/l	92
64) Tetrachloroethene	10.910	164	1180	0.366	ug/l #	82

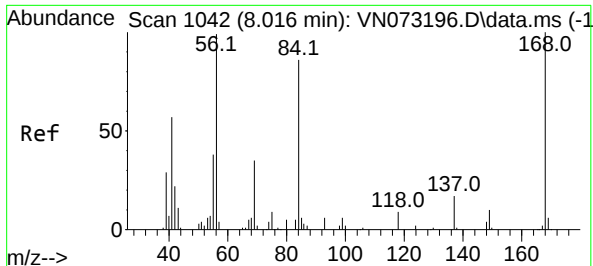
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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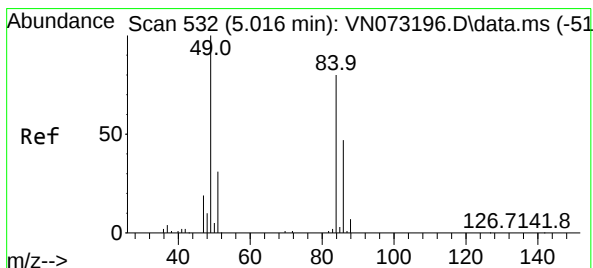
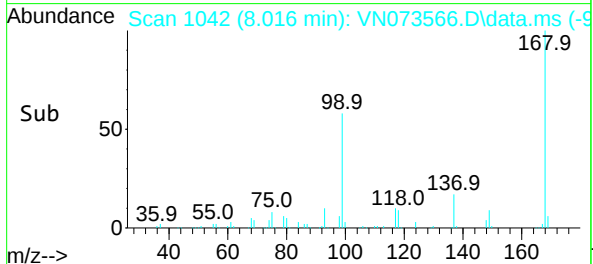
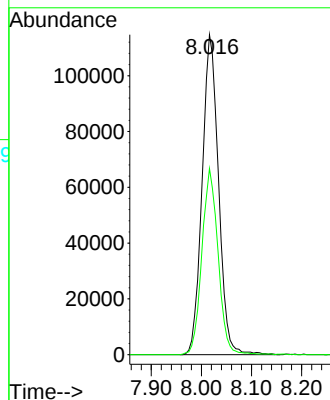
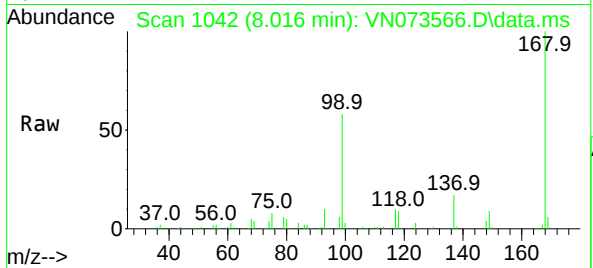




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

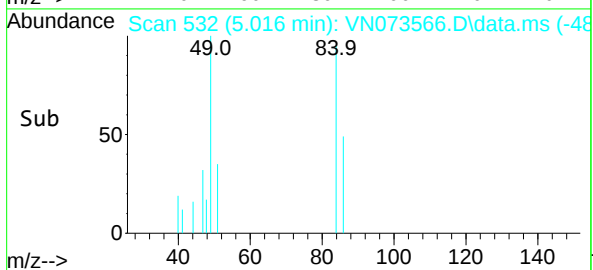
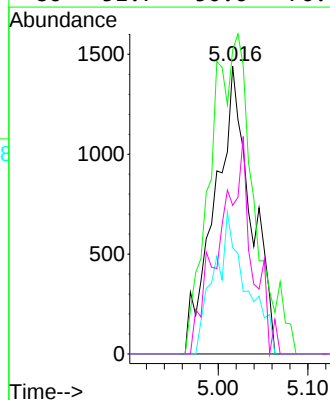
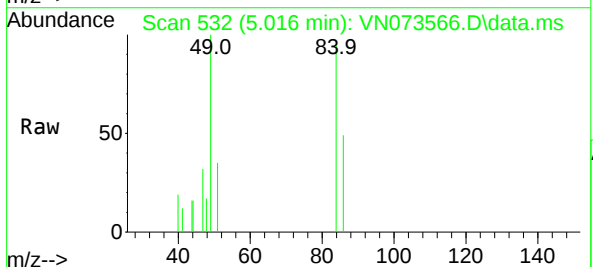
Instrument :
MSVOA_N
ClientSampleId :
MW-11F

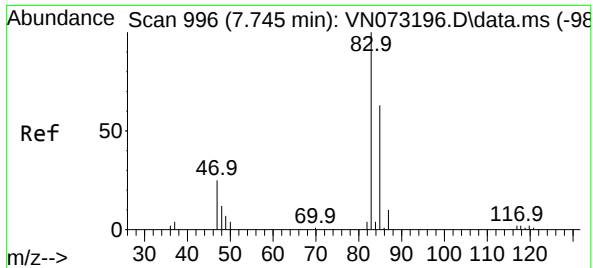
Tgt Ion:168 Resp: 260956
Ion Ratio Lower Upper
168 100
99 58.2 42.3 63.5



#20
Methylene Chloride
Concen: 1.080 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

Tgt Ion: 84 Resp: 4012
Ion Ratio Lower Upper
84 100
49 105.7 88.3 132.5
51 37.0 28.2 42.2
86 51.7 50.6 76.0

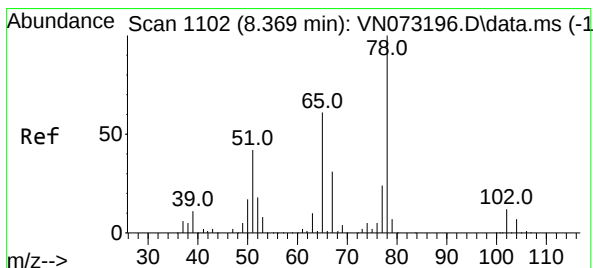
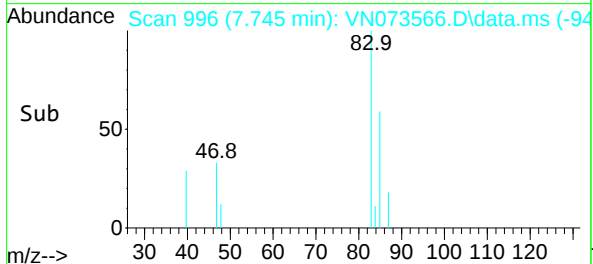
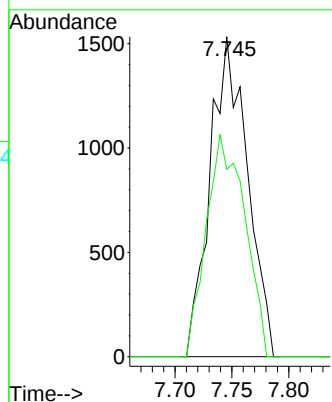
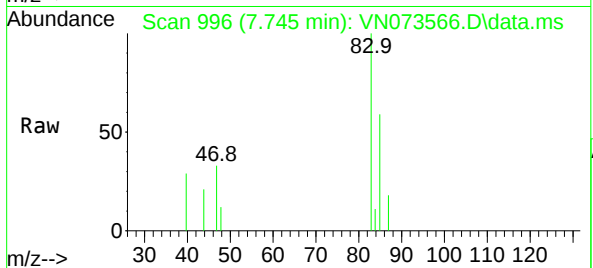




#30
Chloroform
Concen: 0.555 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

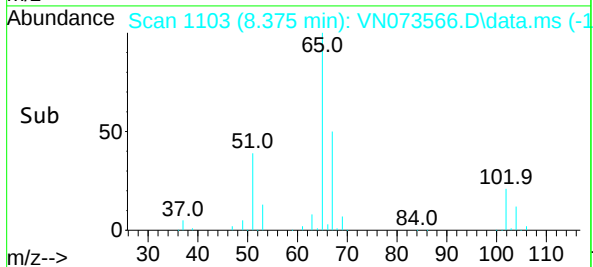
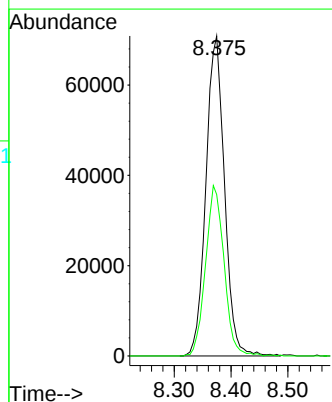
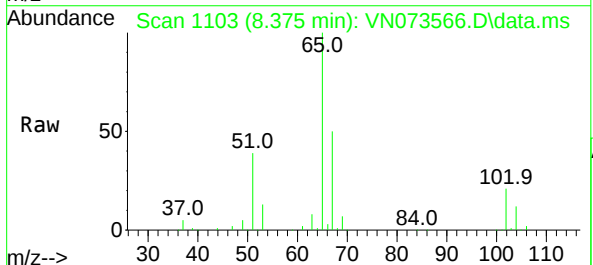
Instrument :
MSVOA_N
ClientSampleId :
MW-11F

Tgt Ion: 83 Resp: 3493
Ion Ratio Lower Upper
83 100
85 58.6 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 42.575 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

Tgt Ion: 65 Resp: 160388
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073566.D

Acq: 21 Jul 2022 19:38

Instrument :

MSVOA_N

ClientSampleId :

MW-11F

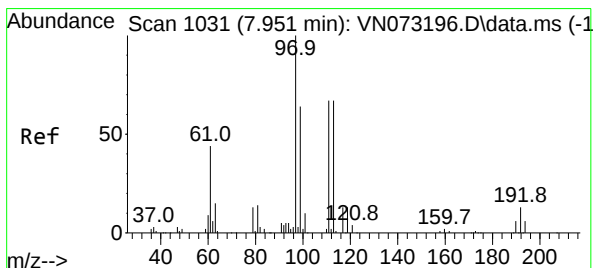
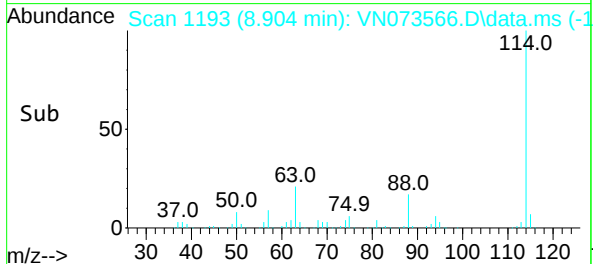
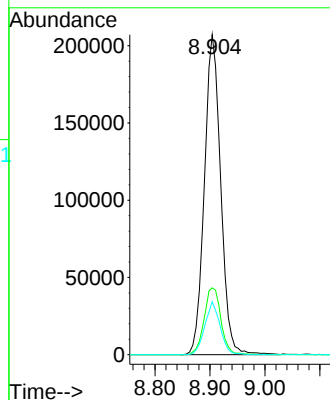
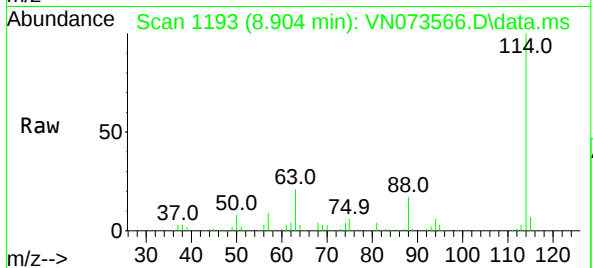
Tgt Ion:114 Resp: 427055

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.930 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073566.D

Acq: 21 Jul 2022 19:38

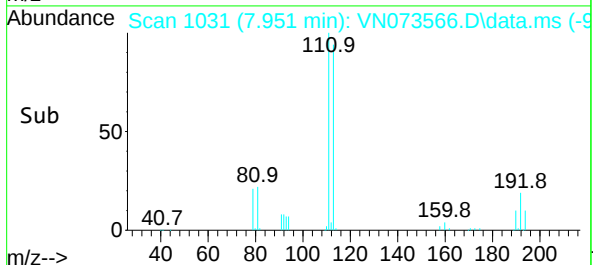
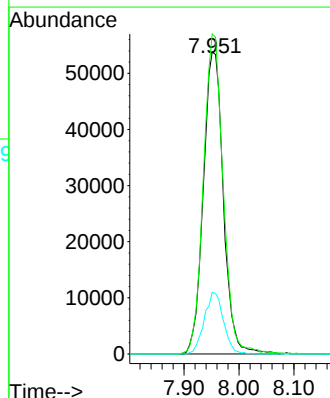
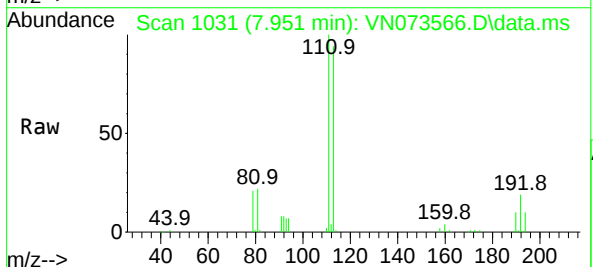
Tgt Ion:113 Resp: 136182

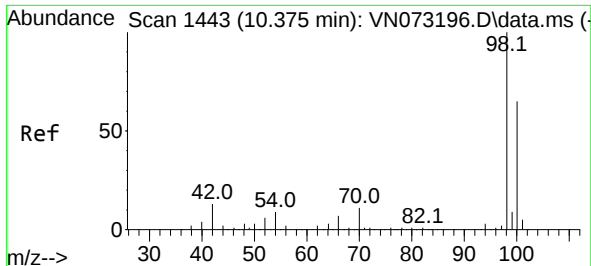
Ion Ratio Lower Upper

113 100

111 104.8 81.4 122.0

192 19.5 17.0 25.6

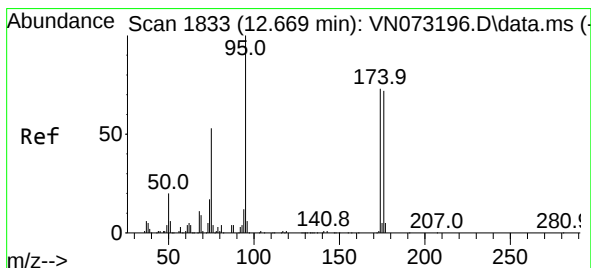
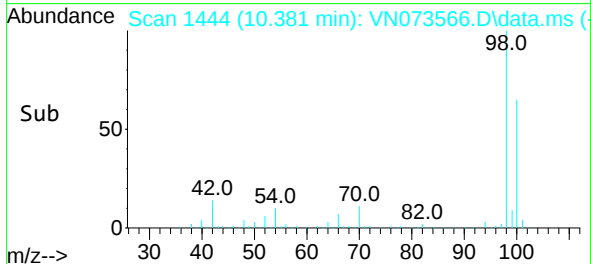
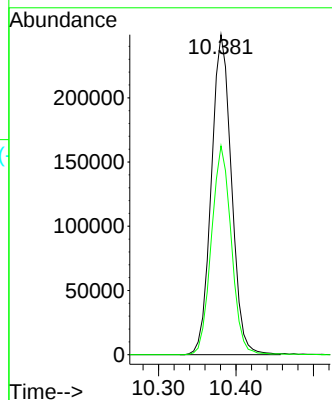
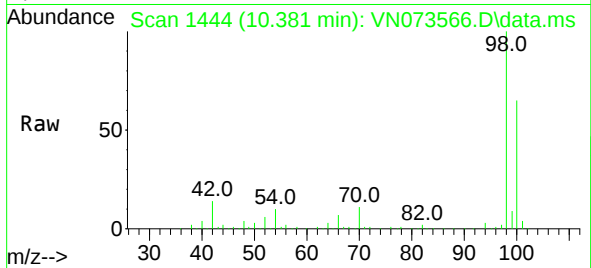




#50
Toluene-d8
Concen: 44.627 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

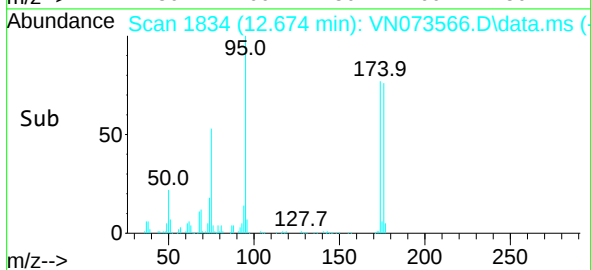
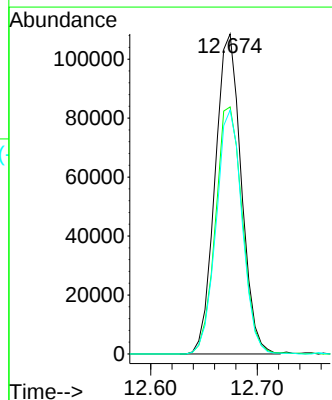
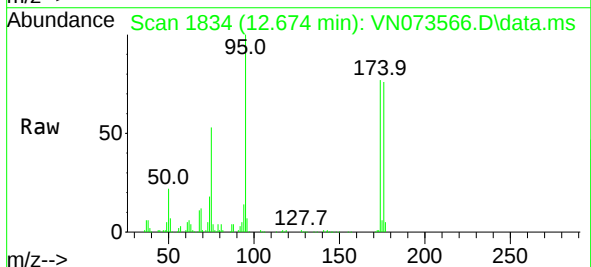
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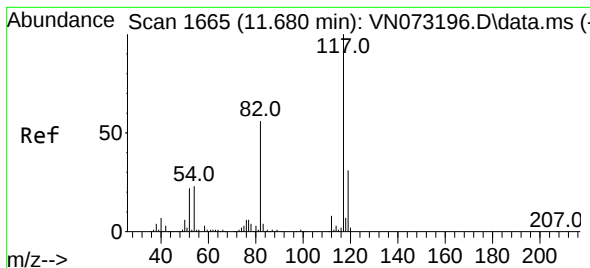
Tgt Ion: 98 Resp: 450342
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.691 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073566.D
Acq: 21 Jul 2022 19:38

Tgt Ion: 95 Resp: 184945
Ion Ratio Lower Upper
95 100
174 78.8 0.0 167.6
176 75.5 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: VN073566.D

Acq: 21 Jul 2022 19:38

Instrument :

MSVOA_N

ClientSampleId :

MW-11F

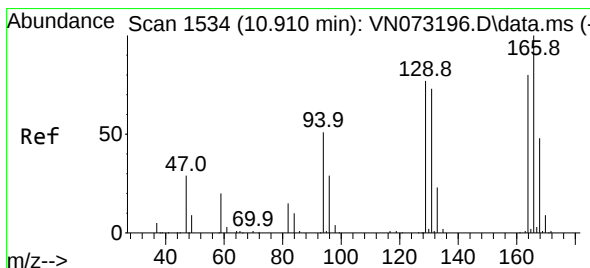
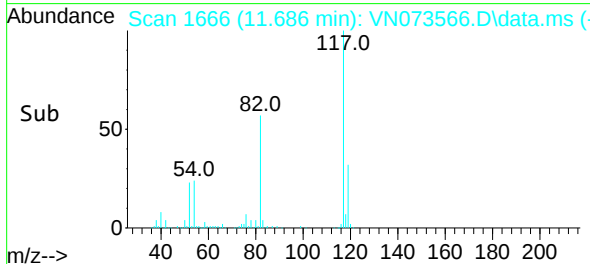
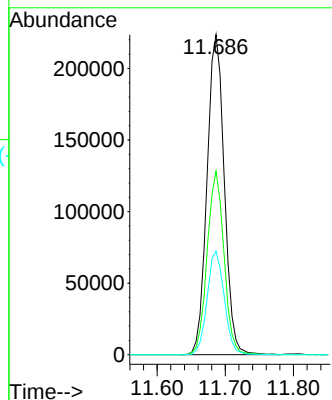
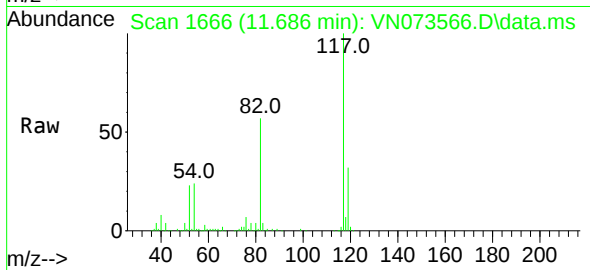
Tgt Ion:117 Resp: 394490

Ion Ratio Lower Upper

117 100

82 57.3 44.2 66.2

119 32.3 25.4 38.0



#64

Tetrachloroethene

Concen: 0.366 ug/l

RT: 10.910 min Scan# 1534

Delta R.T. -0.000 min

Lab File: VN073566.D

Acq: 21 Jul 2022 19:38

Tgt Ion:164 Resp: 1180

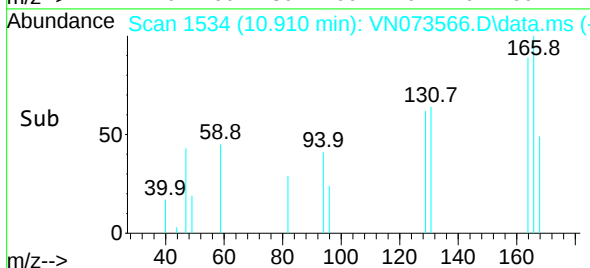
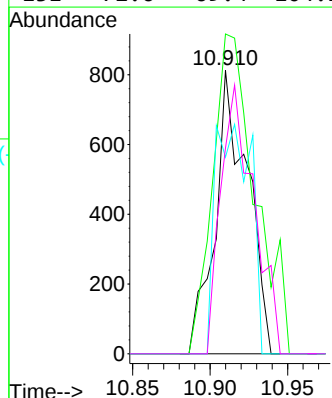
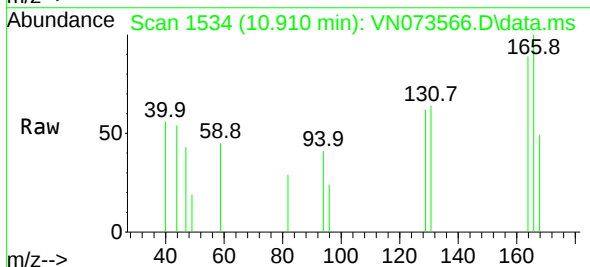
Ion Ratio Lower Upper

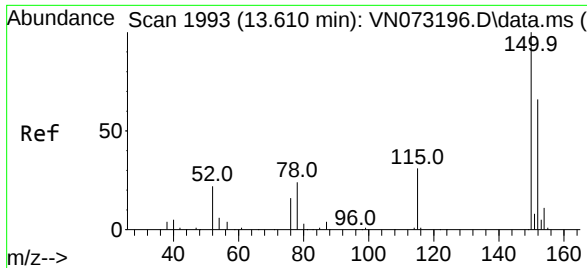
164 100

166 112.8 104.2 156.2

129 69.4 73.9 110.9#

131 72.6 69.4 104.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.006 min
 Lab File: VN073566.D
 Acq: 21 Jul 2022 19:38

Instrument :
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 MW-11F

Tgt Ion:152 Resp: 188016
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.9 86.7
 150 156.6 0.0 356.2

