

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073562.D
 Acq On : 21 Jul 2022 17:59
 Operator : JC\MD
 Sample : N3771-01 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2V

Quant Time: Jul 22 08:01:46 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)

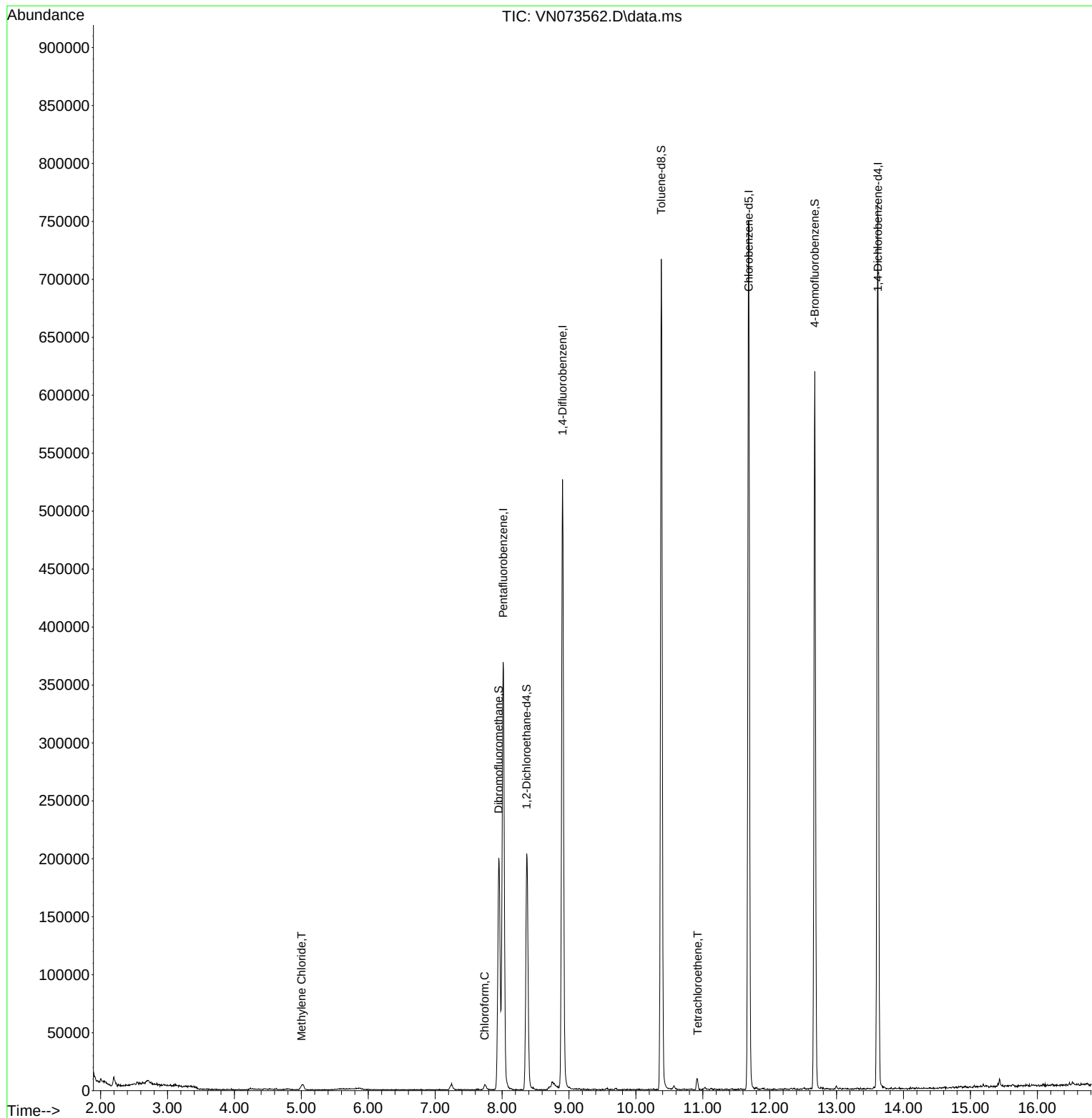
Internal Standards						
1) Pentafluorobenzene	8.016	168	287436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	462294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	426905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	207470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	170660	41.128	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.260%
35) Dibromofluoromethane	7.951	113	148305	48.218	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.440%
50) Toluene-d8	10.380	98	490268	44.880	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.760%
62) 4-Bromofluorobenzene	12.674	95	205631	48.983	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.960%
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.004	84	3950	0.965	ug/l #	91
30) Chloroform	7.739	83	4785	0.690	ug/l	97
64) Tetrachloroethene	10.922	164	2101	0.603	ug/l #	83

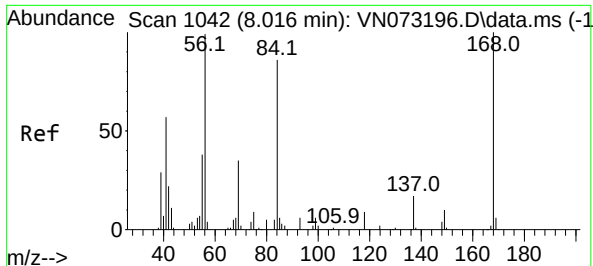
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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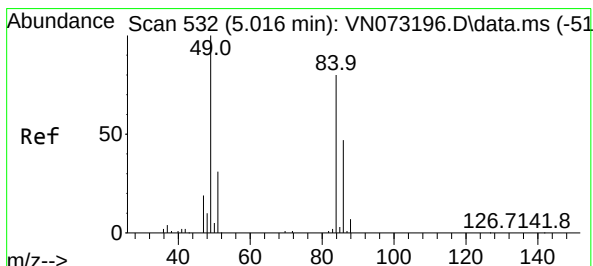
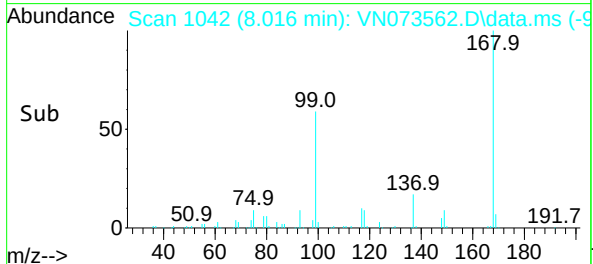
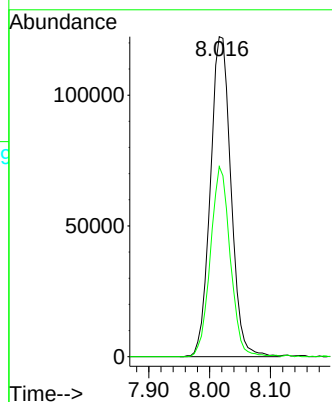
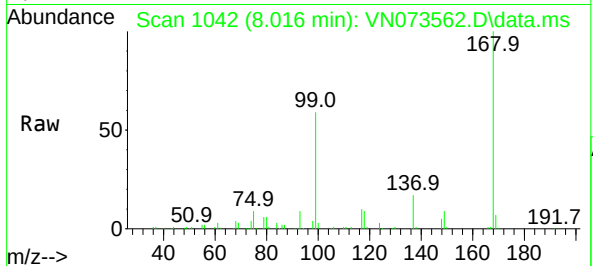




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

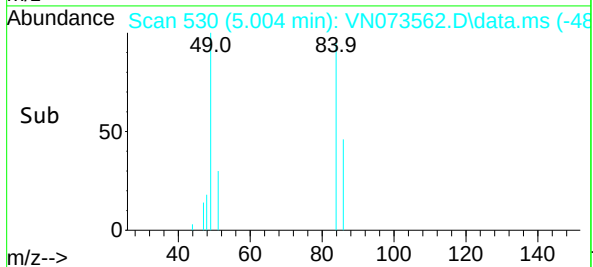
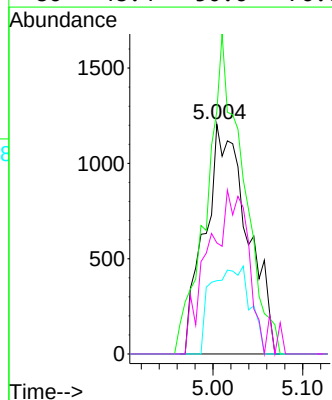
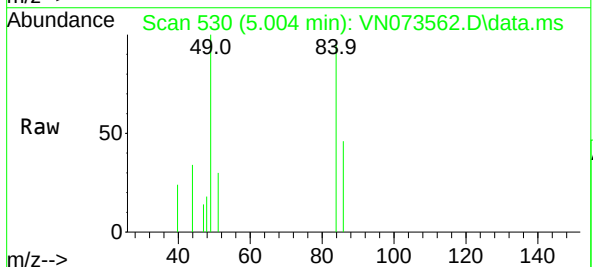
Instrument :
MSVOA_N
ClientSampleId :
MW-2V

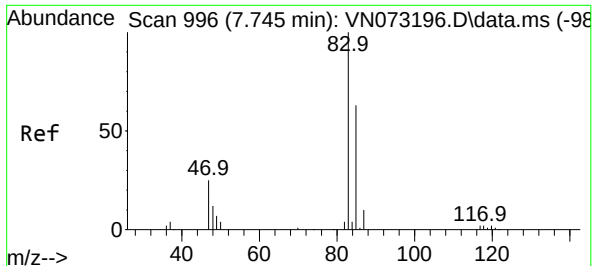
Tgt Ion:168 Resp: 287436
Ion Ratio Lower Upper
168 100
99 59.4 42.3 63.5



#20
Methylene Chloride
Concen: 0.965 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.012 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

Tgt Ion: 84 Resp: 3950
Ion Ratio Lower Upper
84 100
49 105.7 88.3 132.5
51 32.0 28.2 42.2
86 48.4 50.6 76.0#





#30

Chloroform

Concen: 0.690 ug/l

RT: 7.739 min Scan# 996

Delta R.T. -0.006 min

Lab File: VN073562.D

Acq: 21 Jul 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

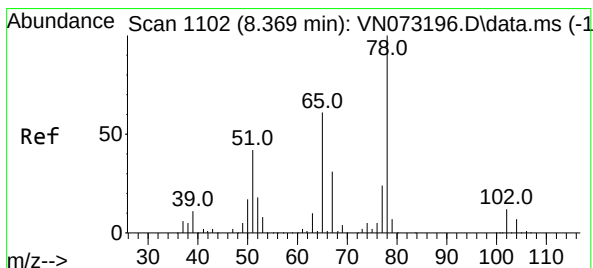
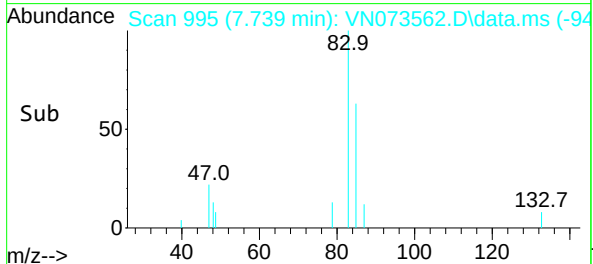
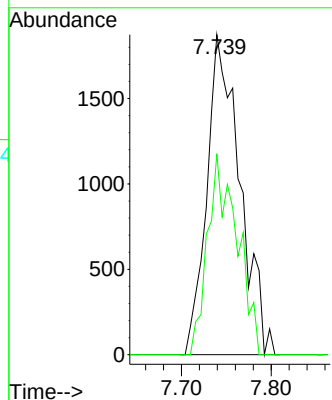
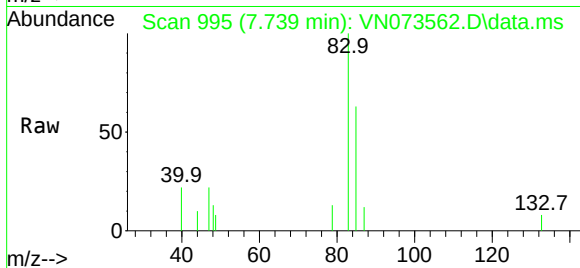
MW-2V

Tgt Ion: 83 Resp: 4785

Ion Ratio Lower Upper

83 100

85 62.8 51.8 77.8



#33

1,2-Dichloroethane-d4

Concen: 41.128 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073562.D

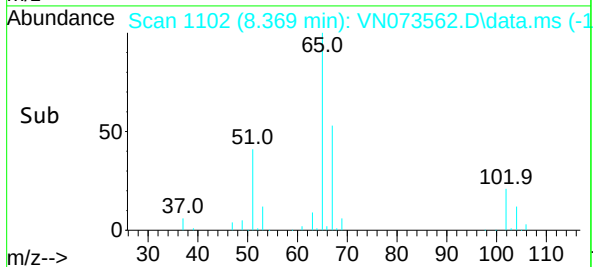
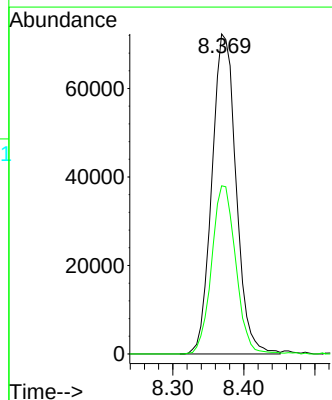
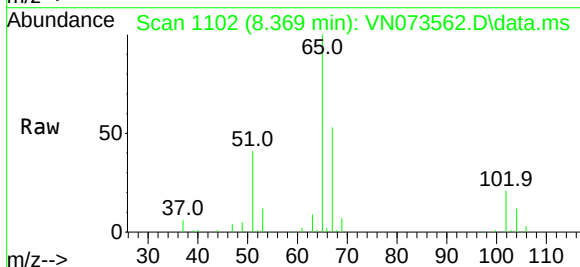
Acq: 21 Jul 2022 17:59

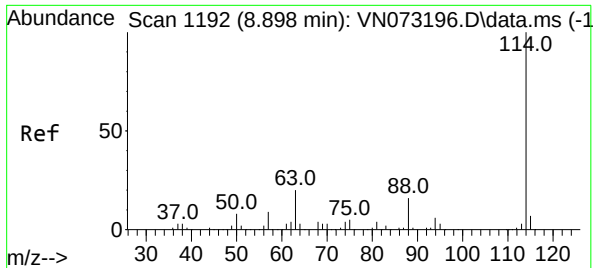
Tgt Ion: 65 Resp: 170660

Ion Ratio Lower Upper

65 100

67 52.4 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: VN073562.D

Acq: 21 Jul 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

MW-2V

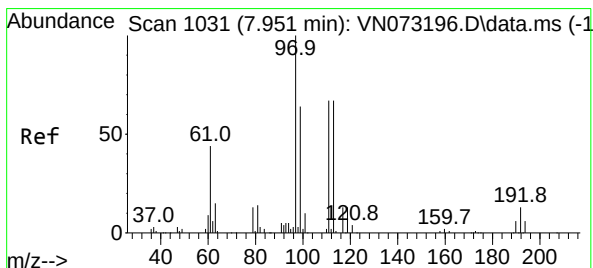
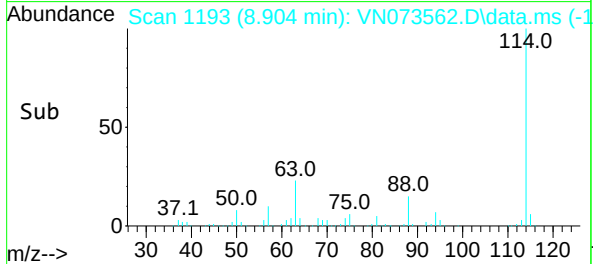
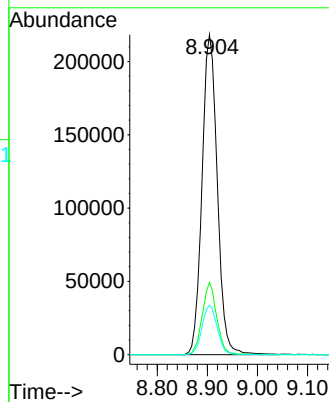
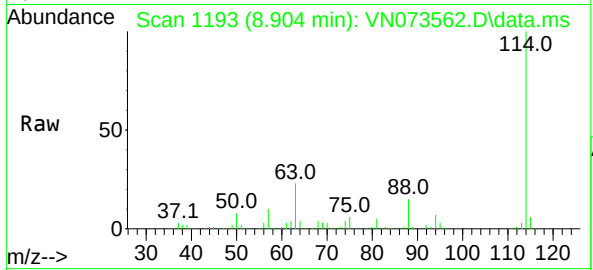
Tgt Ion:114 Resp: 462294

Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.218 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073562.D

Acq: 21 Jul 2022 17:59

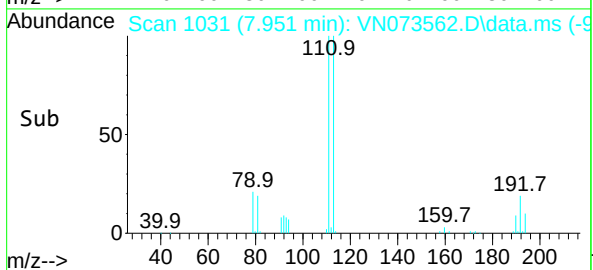
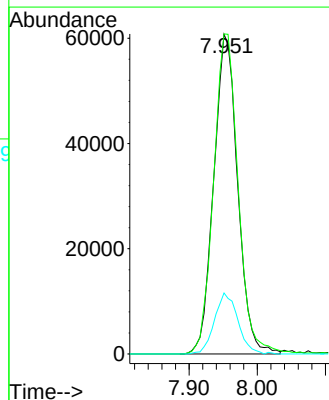
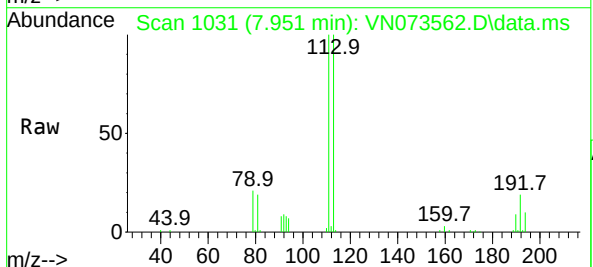
Tgt Ion:113 Resp: 148305

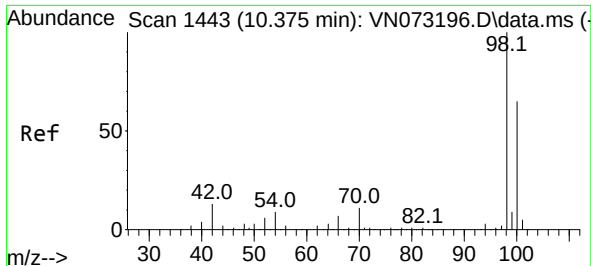
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 18.6 17.0 25.6

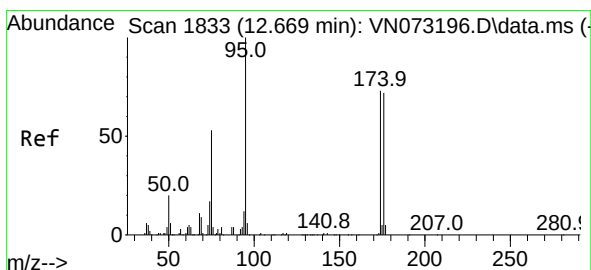
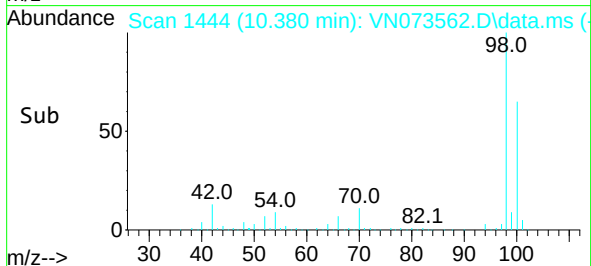
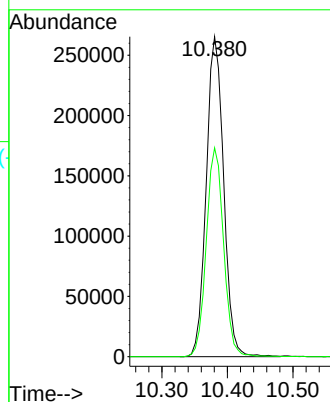
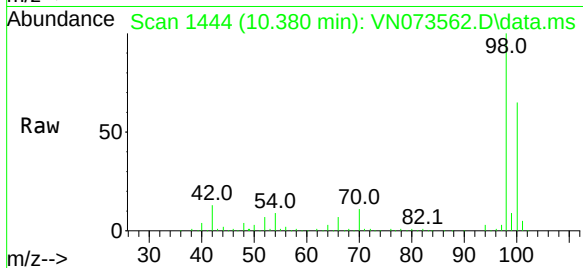




#50
Toluene-d8
Concen: 44.880 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

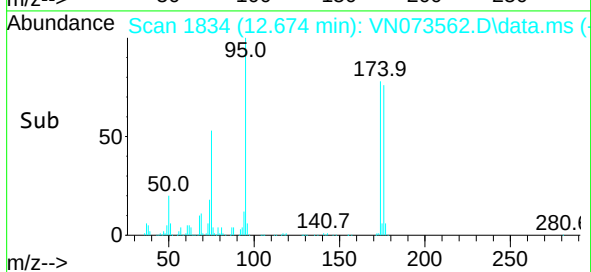
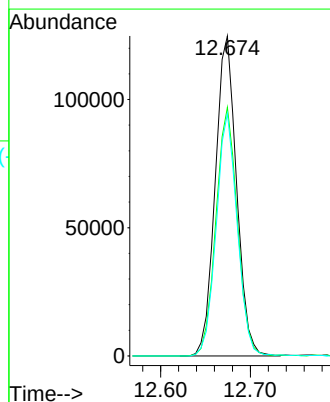
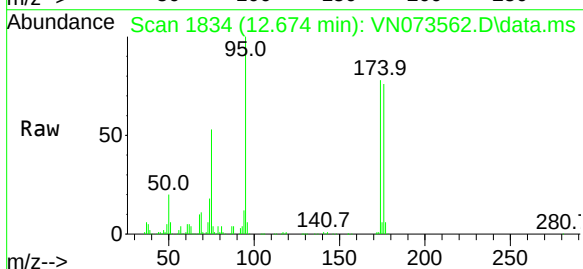
Instrument :
MSVOA_N
ClientSampleId :
MW-2V

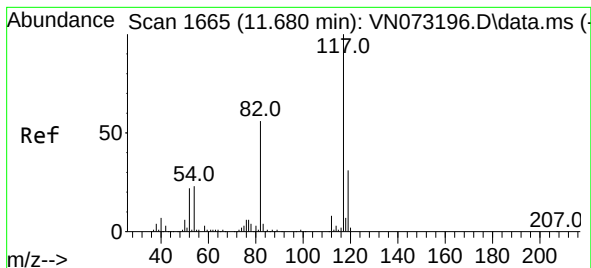
Tgt Ion: 98 Resp: 490268
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.983 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073562.D
Acq: 21 Jul 2022 17:59

Tgt Ion: 95 Resp: 205631
Ion Ratio Lower Upper
95 100
174 78.2 0.0 167.6
176 74.5 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: VN073562.D

Acq: 21 Jul 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

MW-2V

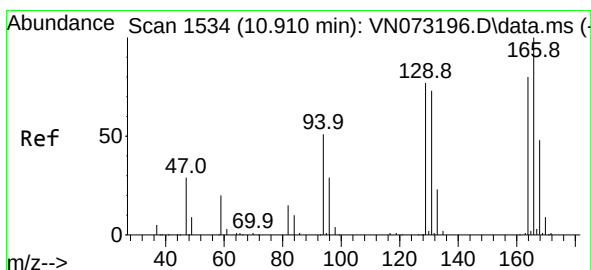
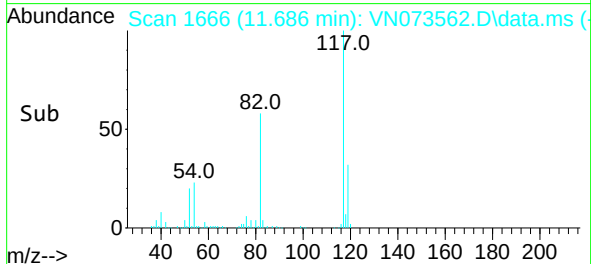
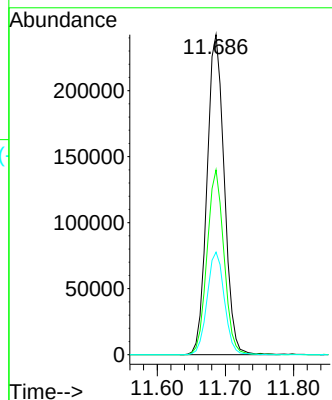
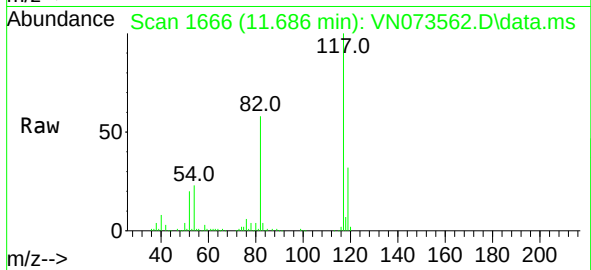
Tgt Ion:117 Resp: 426905

Ion Ratio Lower Upper

117 100

82 57.8 44.2 66.2

119 32.1 25.4 38.0



#64

Tetrachloroethene

Concen: 0.603 ug/l

RT: 10.922 min Scan# 1536

Delta R.T. 0.012 min

Lab File: VN073562.D

Acq: 21 Jul 2022 17:59

Tgt Ion:164 Resp: 2101

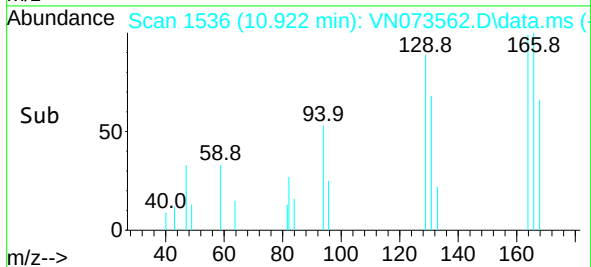
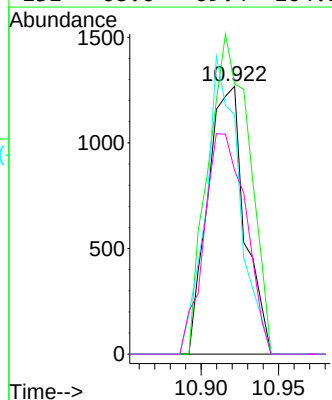
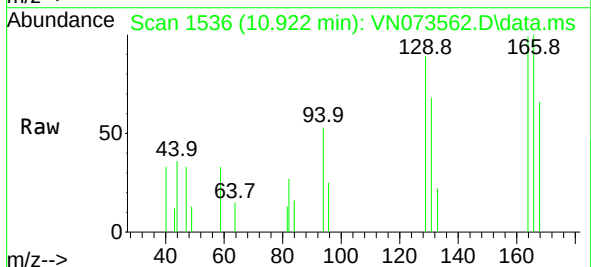
Ion Ratio Lower Upper

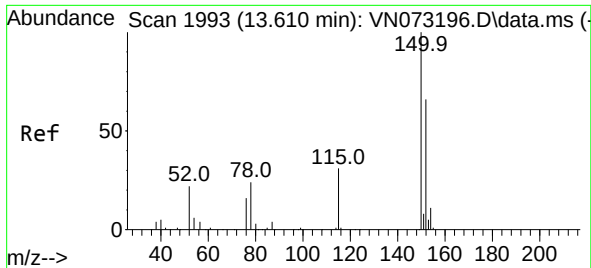
164 100

166 100.9 104.2 156.2#

129 89.4 73.9 110.9

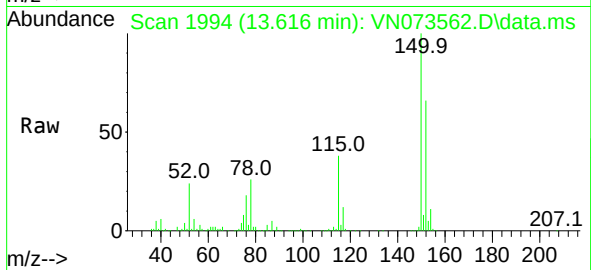
131 68.6 69.4 104.2#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.006 min
 Lab File: VN073562.D
 Acq: 21 Jul 2022 17:59

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2V



Tgt Ion:152 Resp: 207470
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.9 86.7
 150 154.1 0.0 356.2

