

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073565.D
 Acq On : 21 Jul 2022 19:13
 Operator : JC\MD
 Sample : N3771-04 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10F

Quant Time: Jul 22 08:02:17 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)

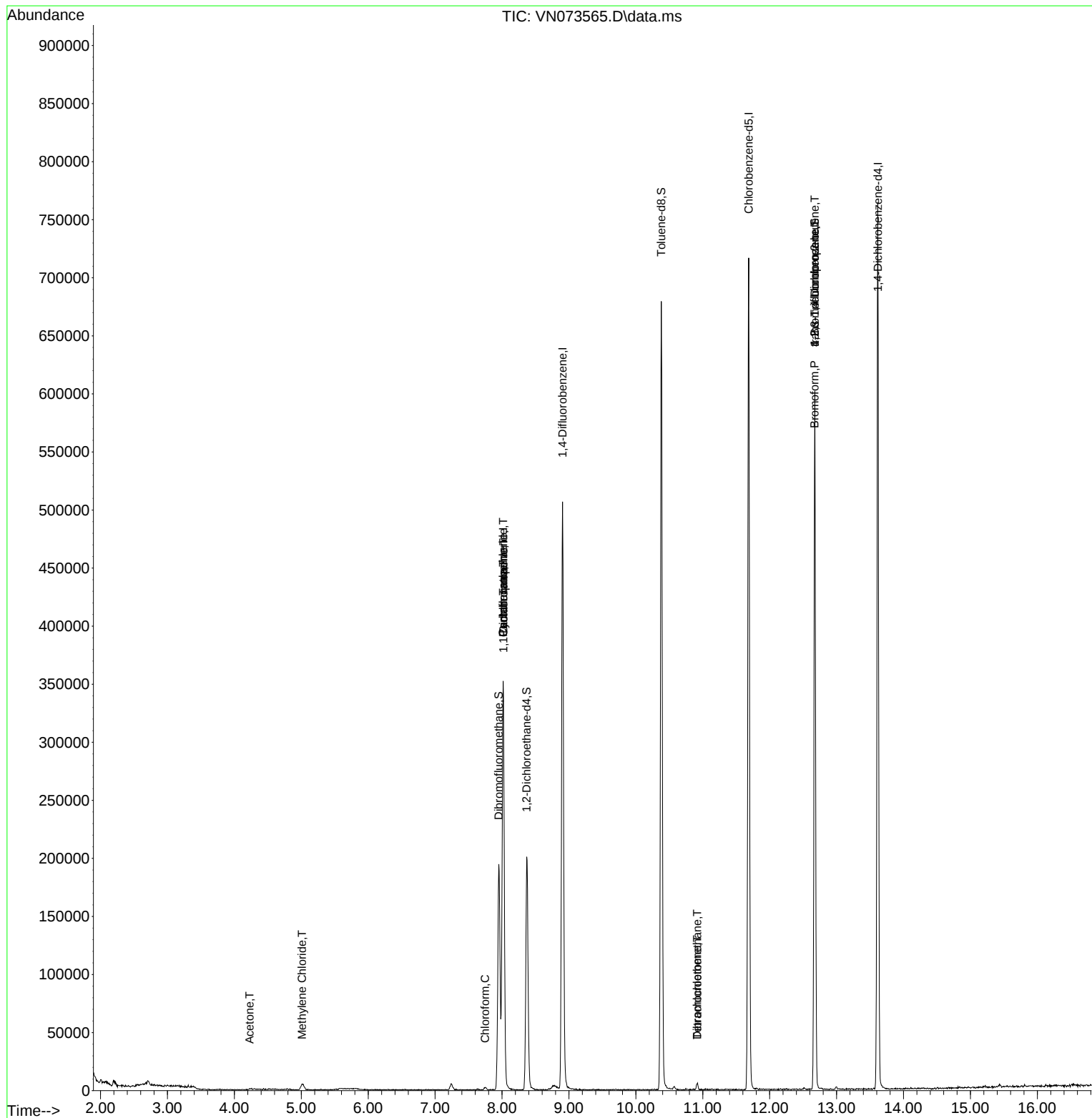
Internal Standards						
1) Pentafluorobenzene	8.016	168	267725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	438304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	405896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	201034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	166316	43.032	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.060%		
35) Dibromofluoromethane	7.951	113	140995	48.351	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.700%		
50) Toluene-d8	10.381	98	464601	44.859	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.720%		
62) 4-Bromofluorobenzene	12.675	95	193958	48.731	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.460%		
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	666	0.307	ug/l	89
20) Methylene Chloride	5.010	84	2278	0.597	ug/l #	88
30) Chloroform	7.745	83	2089	0.324	ug/l #	70
31) Cyclohexane	8.016	56	6514	1.029	ug/l #	22
36) 1,1-Dichloropropene	8.022	75	22137	4.934	ug/l #	47
38) Carbon Tetrachloride	8.016	117	26960	5.810	ug/l #	20
60) Dibromochloromethane	10.916	129	1094	0.326	ug/l #	11
64) Tetrachloroethene	10.916	164	1674	0.505	ug/l #	61
71) Bromoform	12.669	173	1827	0.739	ug/l #	28
76) 1,2,3-Trichloropropane	12.675	75	107150	20.384	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.675	75	107150	55.902	ug/l #	10

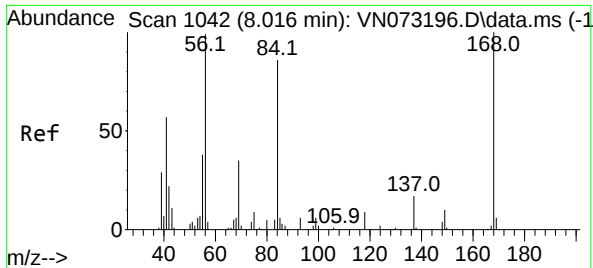
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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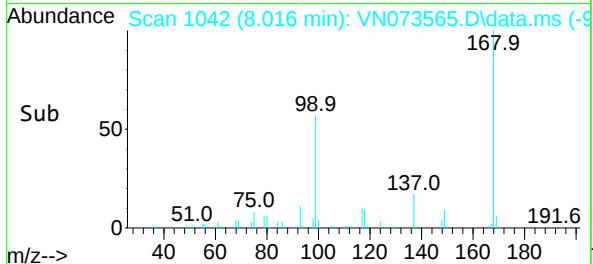
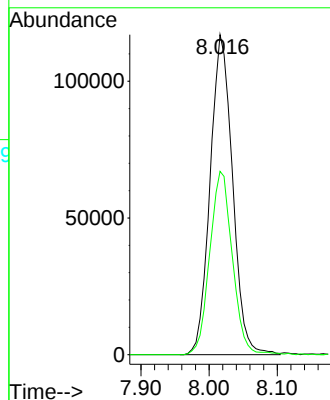
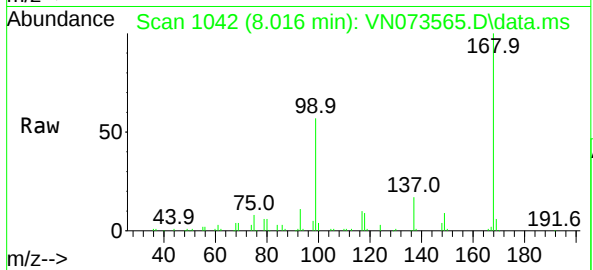




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073565.D
Acq: 21 Jul 2022 19:13

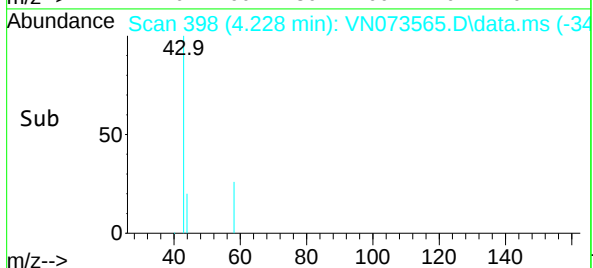
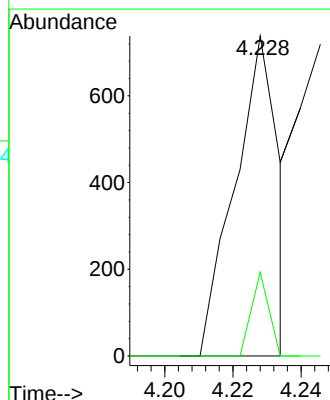
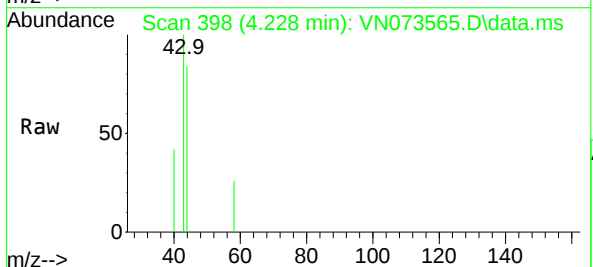
Instrument :
MSVOA_N
ClientSampleId :
MW-10F

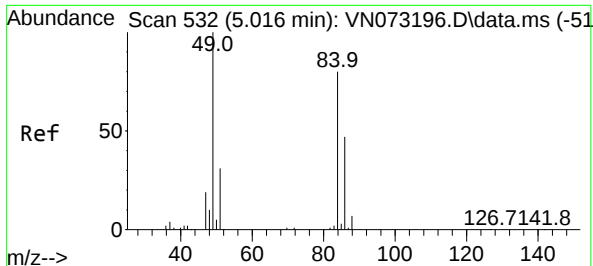
Tgt Ion:168 Resp: 267725
Ion Ratio Lower Upper
168 100
99 57.3 42.3 63.5



#16
Acetone
Concen: 0.307 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073565.D
Acq: 21 Jul 2022 19:13

Tgt Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
58 26.2 26.0 39.0



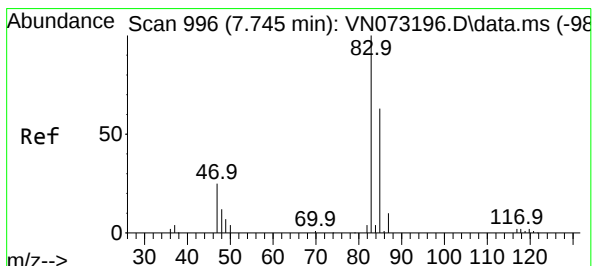
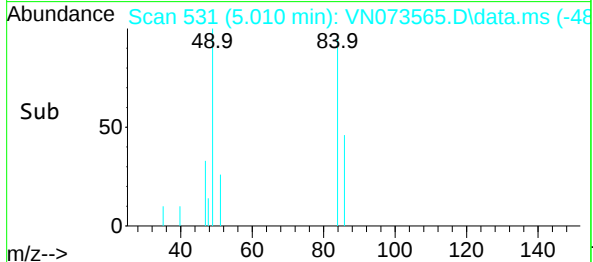
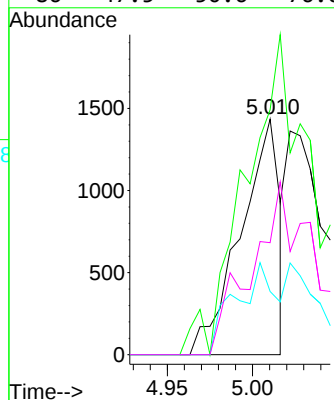
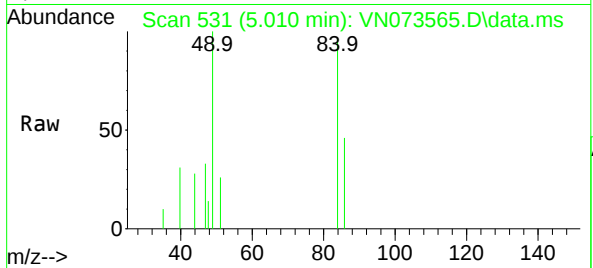


#20
Methylene Chloride
Concen: 0.597 ug/l
RT: 5.010 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN073565.D
Acq: 21 Jul 2022 19:13

Instrument :
MSVOA_N
ClientSampleId :
MW-10F

Tgt Ion: 84 Resp: 2278

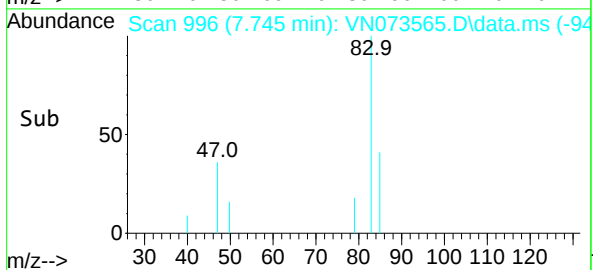
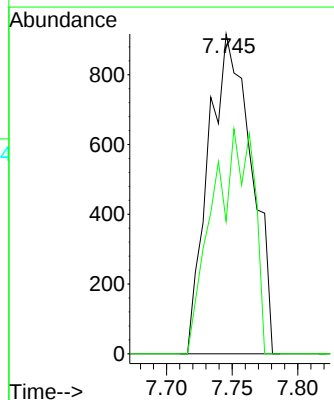
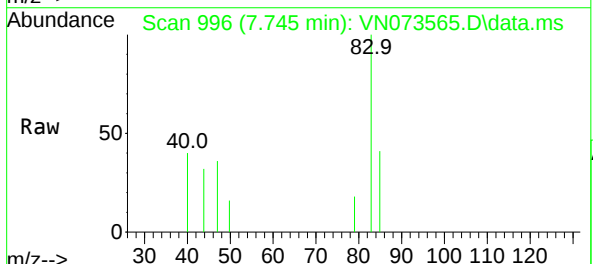
Ion	Ratio	Lower	Upper
84	100		
49	104.0	88.3	132.5
51	26.8	28.2	42.2#
86	47.5	50.6	76.0#

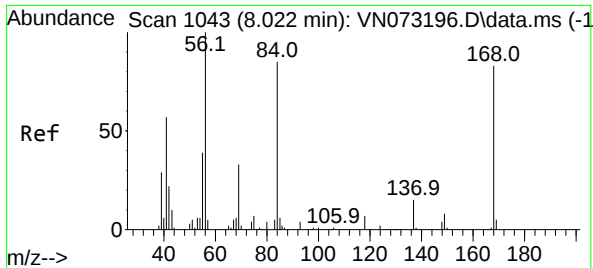


#30
Chloroform
Concen: 0.324 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073565.D
Acq: 21 Jul 2022 19:13

Tgt Ion: 83 Resp: 2089

Ion	Ratio	Lower	Upper
83	100		
85	41.4	51.8	77.8#

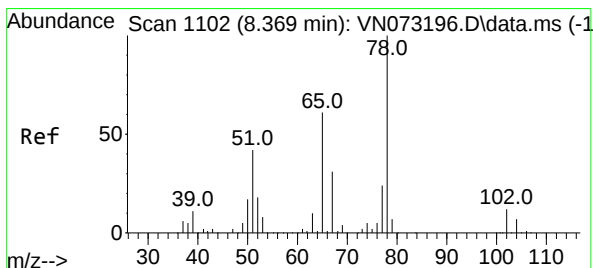
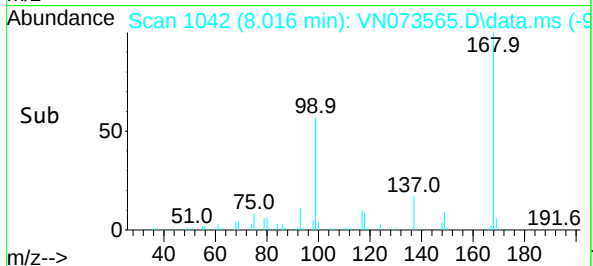
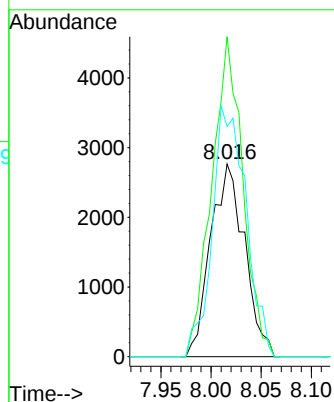
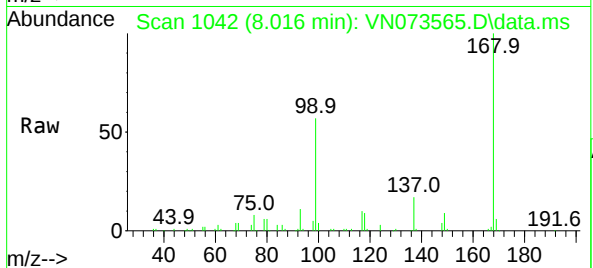




#31
Cyclohexane
Concen: 1.029 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073565.D
Acq: 21 Jul 2022 19:13

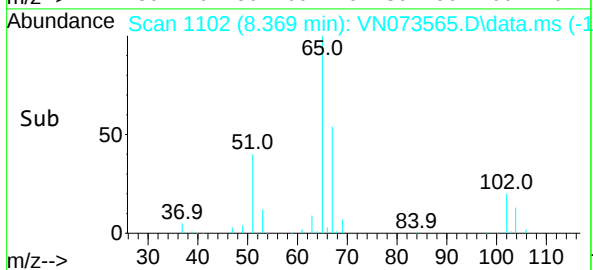
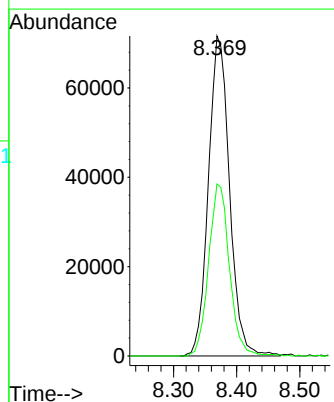
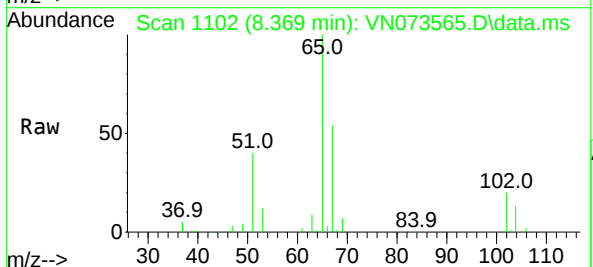
Instrument :
MSVOA_N
ClientSampleId :
MW-10F

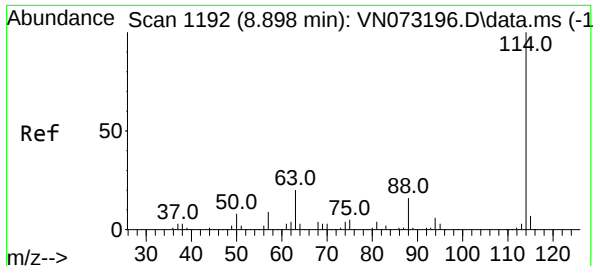
Tgt Ion: 56 Resp: 6514
Ion Ratio Lower Upper
56 100
69 166.1 27.8 41.8#
84 119.5 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 43.032 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073565.D
Acq: 21 Jul 2022 19:13

Tgt Ion: 65 Resp: 166316
Ion Ratio Lower Upper
65 100
67 52.9 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: VN073565.D

Acq: 21 Jul 2022 19:13

Instrument :

MSVOA_N

ClientSampleId :

MW-10F

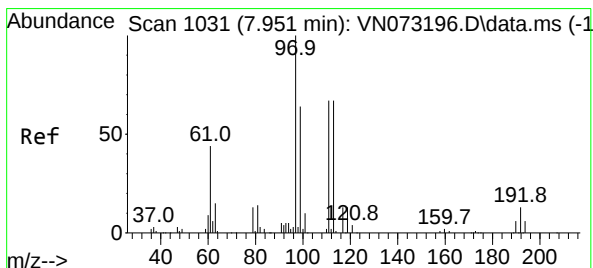
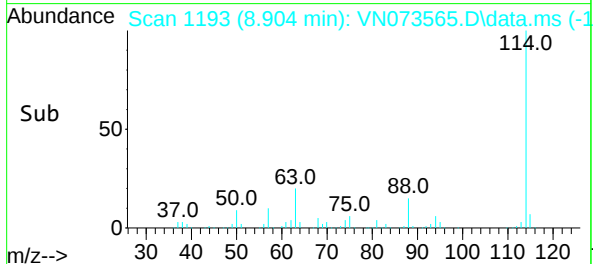
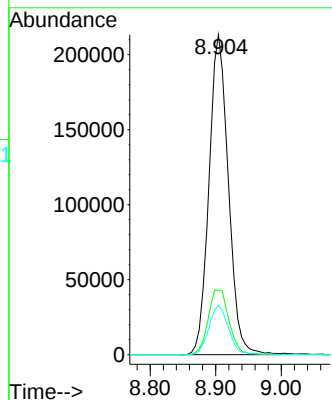
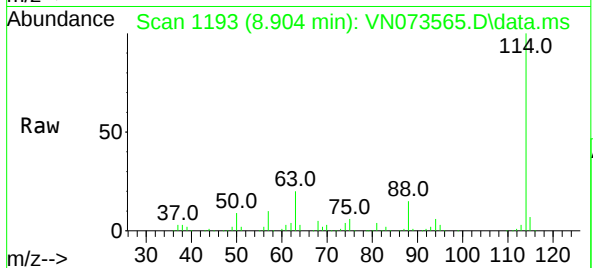
Tgt Ion:114 Resp: 438304

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.351 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073565.D

Acq: 21 Jul 2022 19:13

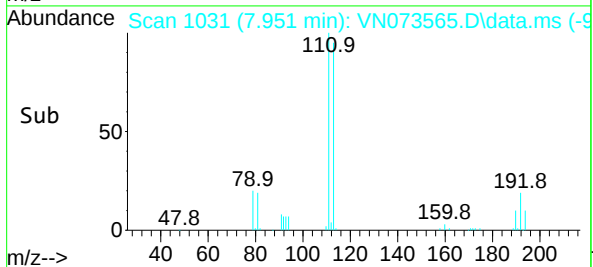
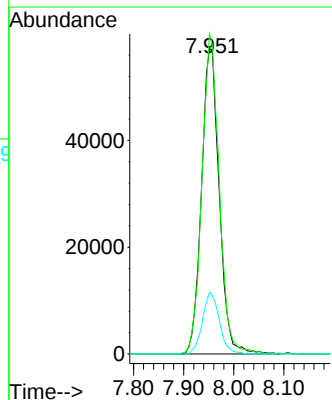
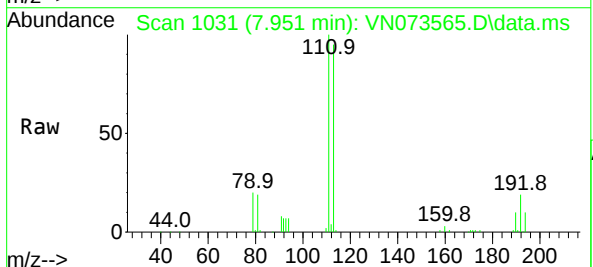
Tgt Ion:113 Resp: 140995

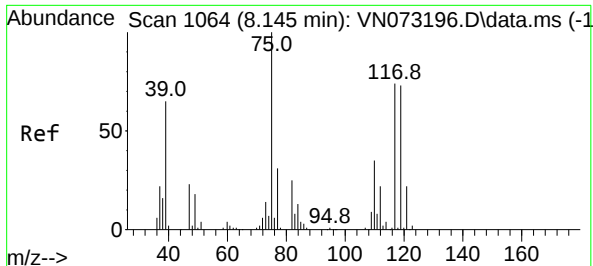
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 19.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.934 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.123 min

Lab File: VN073565.D

Acq: 21 Jul 2022 19:13

Instrument :

MSVOA_N

ClientSampleId :

MW-10F

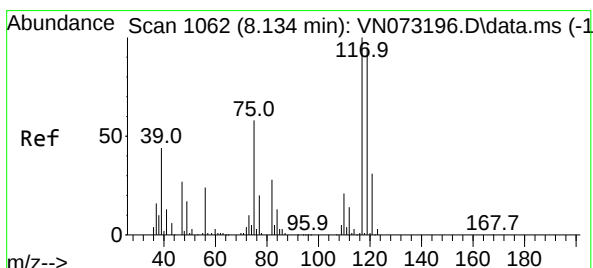
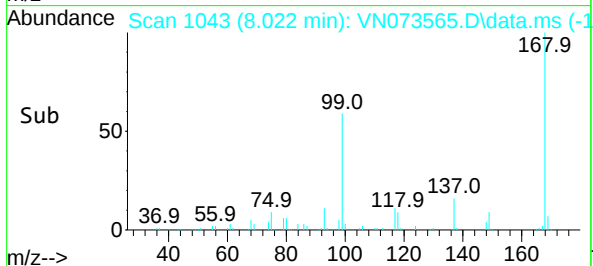
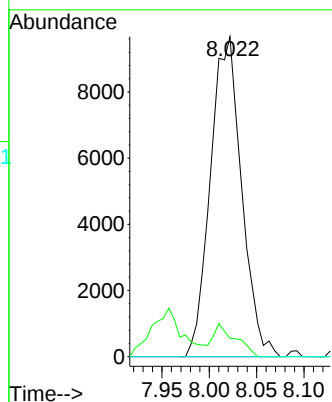
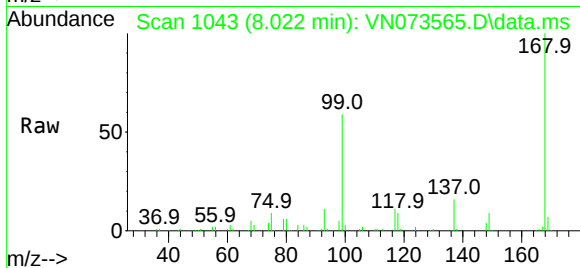
Tgt Ion: 75 Resp: 22137

Ion Ratio Lower Upper

75 100

110 7.2 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.810 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073565.D

Acq: 21 Jul 2022 19:13

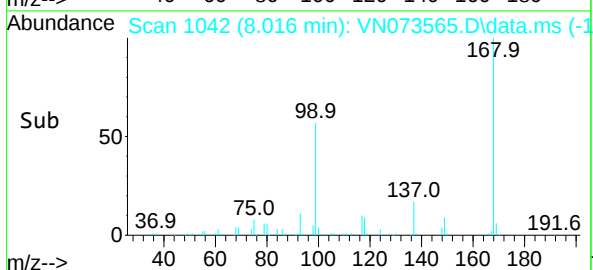
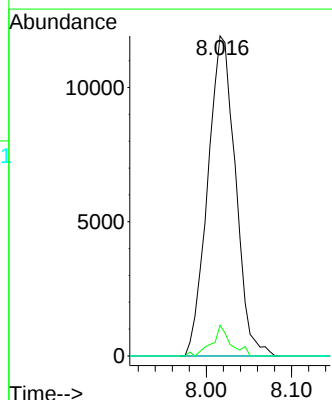
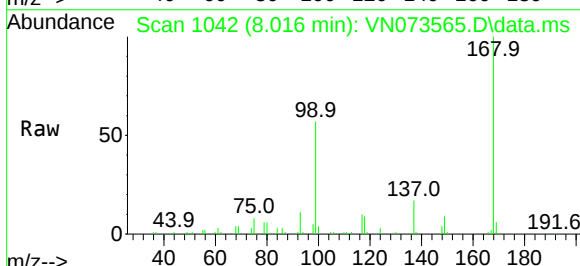
Tgt Ion: 117 Resp: 26960

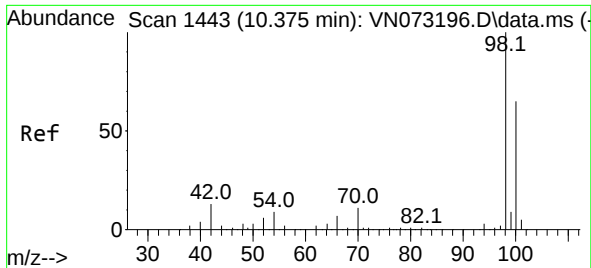
Ion Ratio Lower Upper

117 100

119 9.5 75.8 113.8#

121 0.0 24.6 37.0#

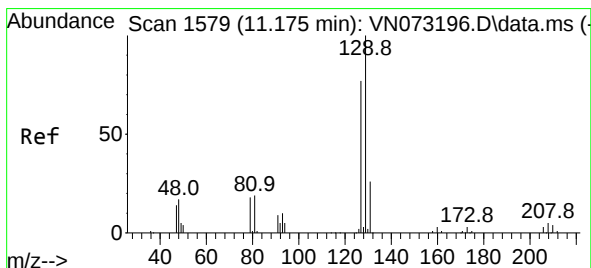
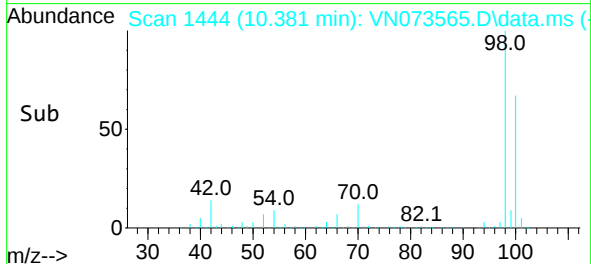
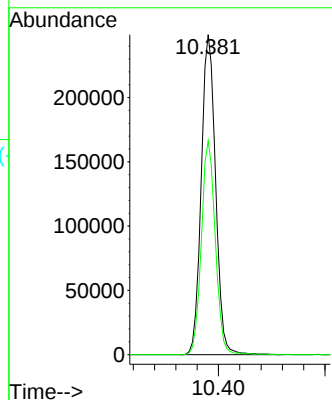
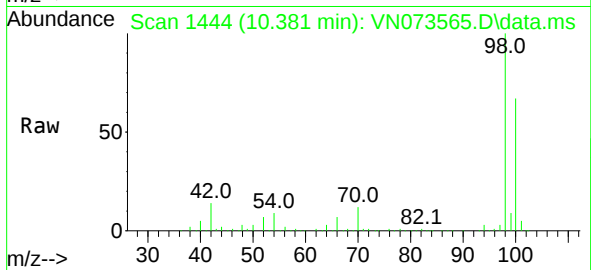




#50
Toluene-d8
Concen: 44.859 ug/l
RT: 10.381 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN073565.D
Acq: 21 Jul 2022 19:13

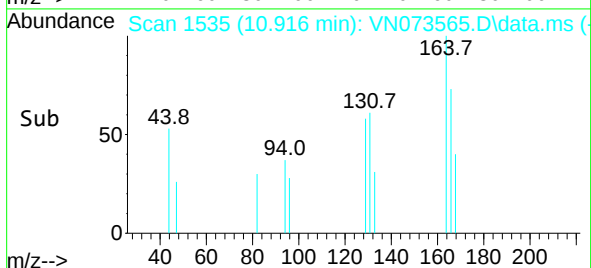
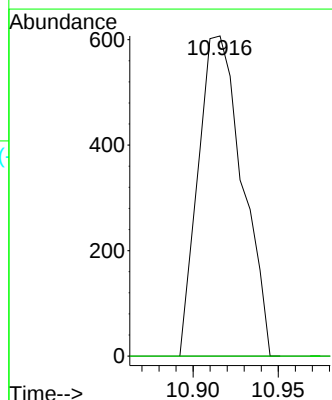
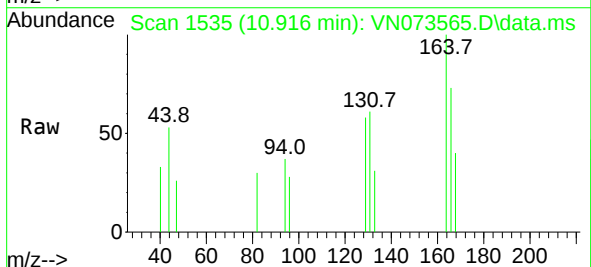
Instrument :
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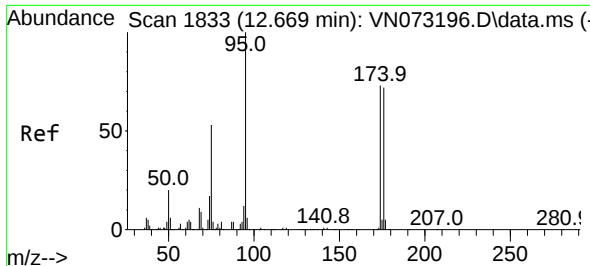
Tgt Ion: 98 Resp: 464601
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#60
Dibromochloromethane
Concen: 0.326 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.259 min
Lab File: VN073565.D
Acq: 21 Jul 2022 19:13

Tgt Ion: 129 Resp: 1094
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

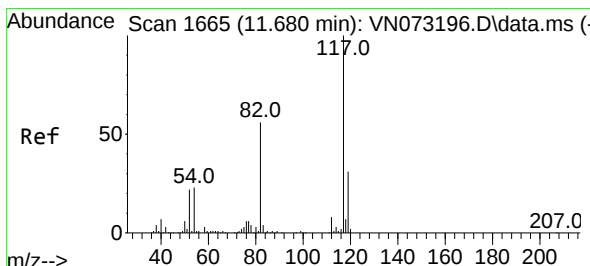
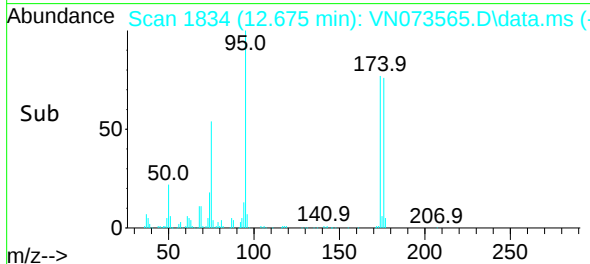
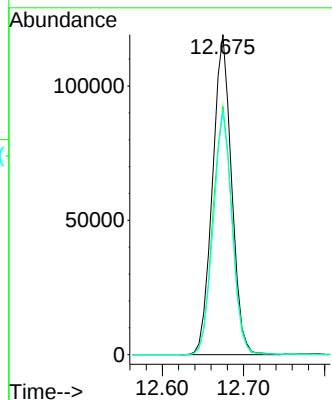
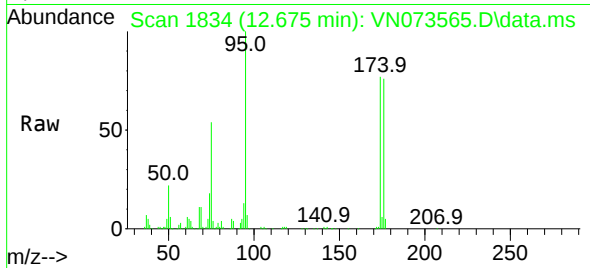




#62
4-Bromofluorobenzene
Concen: 48.731 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073565.D
Acq: 21 Jul 2022 19:13

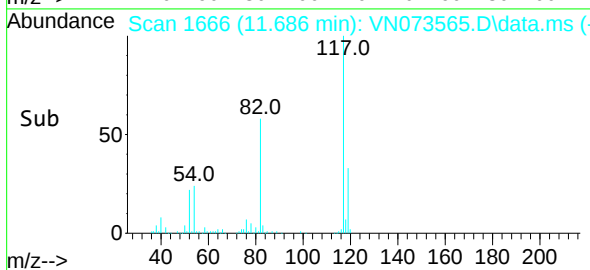
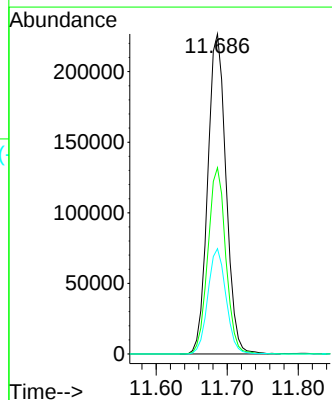
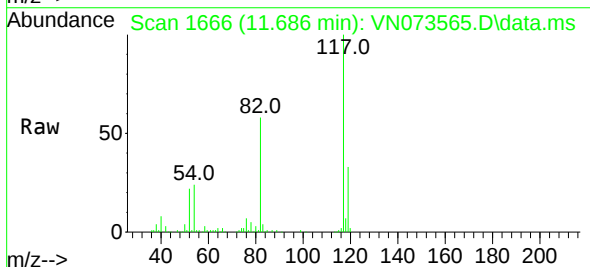
Instrument :
MSVOA_N
ClientSampleId :
MW-10F

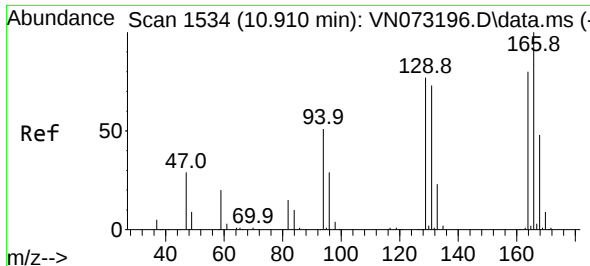
Tgt Ion: 95 Resp: 193958
Ion Ratio Lower Upper
95 100
174 78.0 0.0 167.6
176 74.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073565.D
Acq: 21 Jul 2022 19:13

Tgt Ion: 117 Resp: 405896
Ion Ratio Lower Upper
117 100
82 58.2 44.2 66.2
119 32.9 25.4 38.0

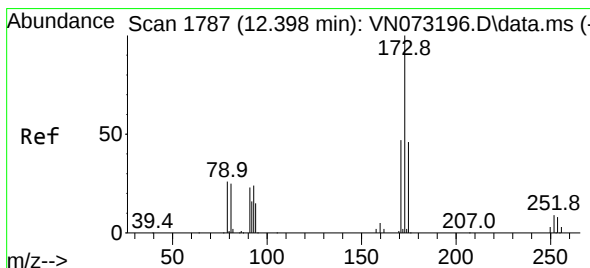
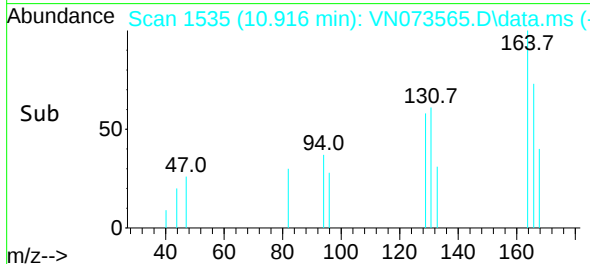
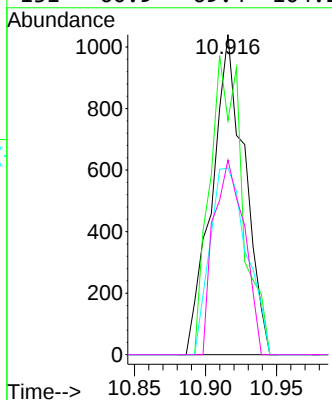
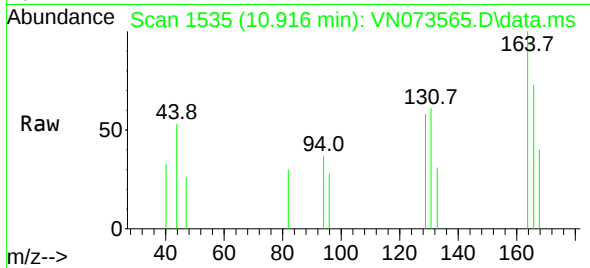




#64
Tetrachloroethene
Concen: 0.505 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073565.D
Acq: 21 Jul 2022 19:13

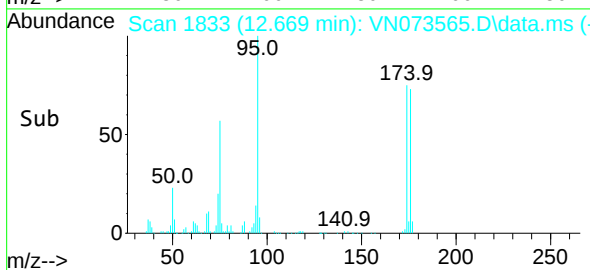
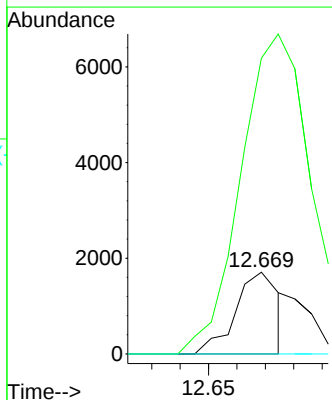
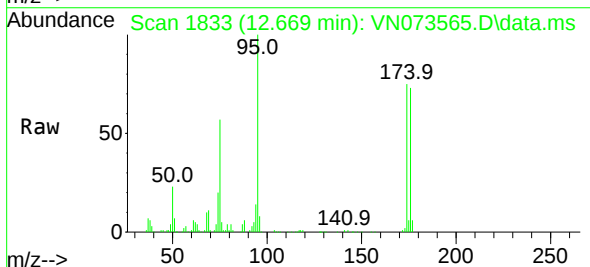
Instrument :
MSVOA_N
ClientSampleId :
MW-10F

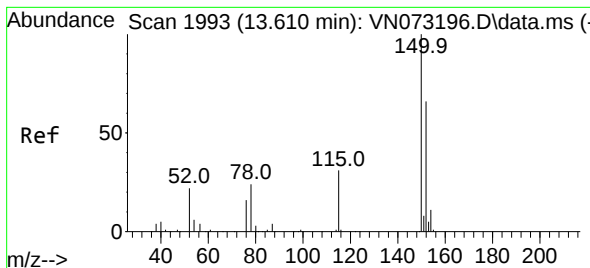
Tgt Ion:164 Resp: 1674
Ion Ratio Lower Upper
164 100
166 73.2 104.2 156.2#
129 58.4 73.9 110.9#
131 60.9 69.4 104.2#



#71
Bromoform
Concen: 0.739 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073565.D
Acq: 21 Jul 2022 19:13

Tgt Ion:173 Resp: 1827
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VN073565.D

Acq: 21 Jul 2022 19:13

Instrument :

MSVOA_N

ClientSampleId :

MW-10F

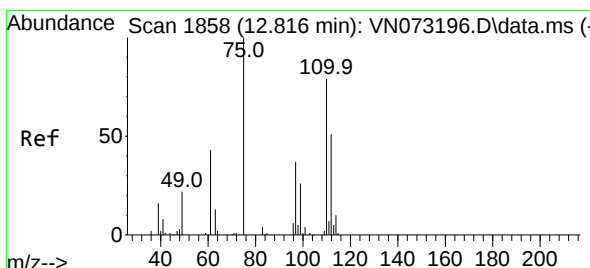
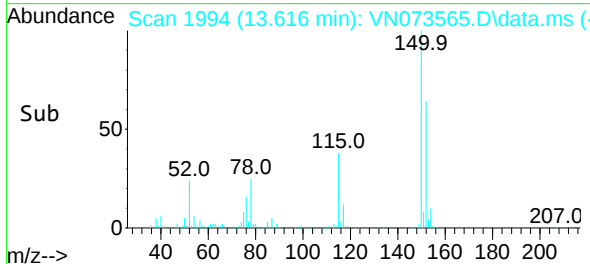
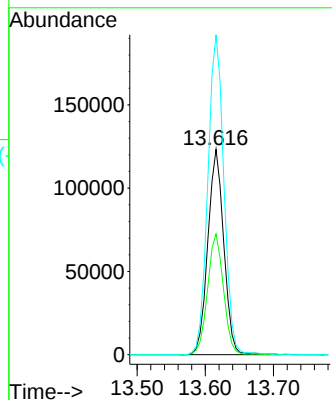
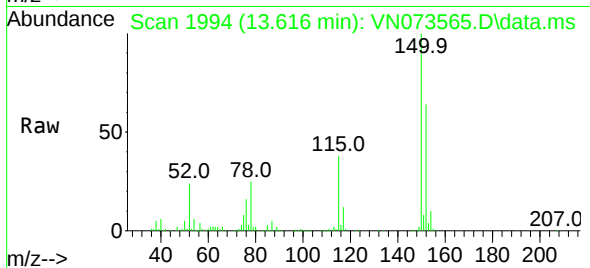
Tgt Ion:152 Resp: 201034

Ion Ratio Lower Upper

152 100

115 58.7 28.9 86.7

150 156.9 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 20.384 ug/l

RT: 12.675 min Scan# 1834

Delta R.T. -0.142 min

Lab File: VN073565.D

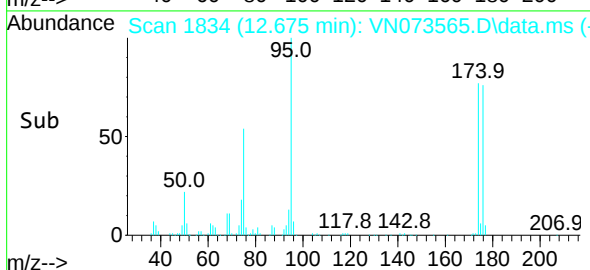
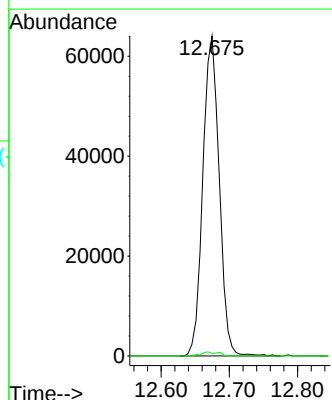
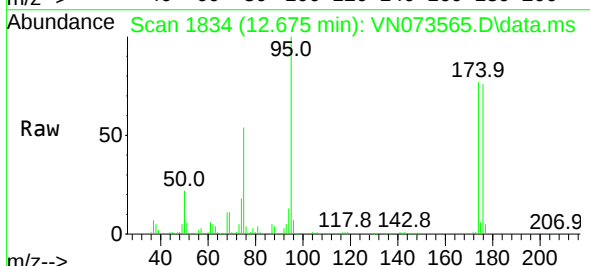
Acq: 21 Jul 2022 19:13

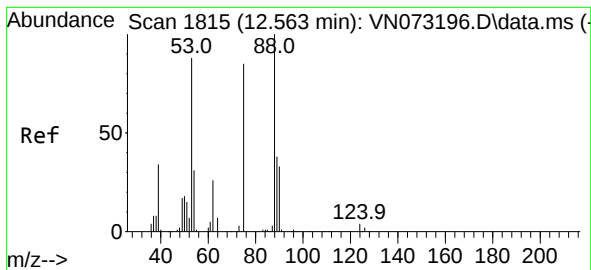
Tgt Ion: 75 Resp: 107150

Ion Ratio Lower Upper

75 100

77 1.3 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.902 ug/l
 RT: 12.675 min Scan# 1815
 Delta R.T. 0.111 min
 Lab File: VN073565.D
 Acq: 21 Jul 2022 19:13

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10F

Tgt Ion: 75 Resp: 107150
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

