

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071688.D
 Acq On : 31 Mar 2022 03:45
 Operator : JC\MD
 Sample : N2075-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW179D-20220322

Quant Time: Mar 31 07:47:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

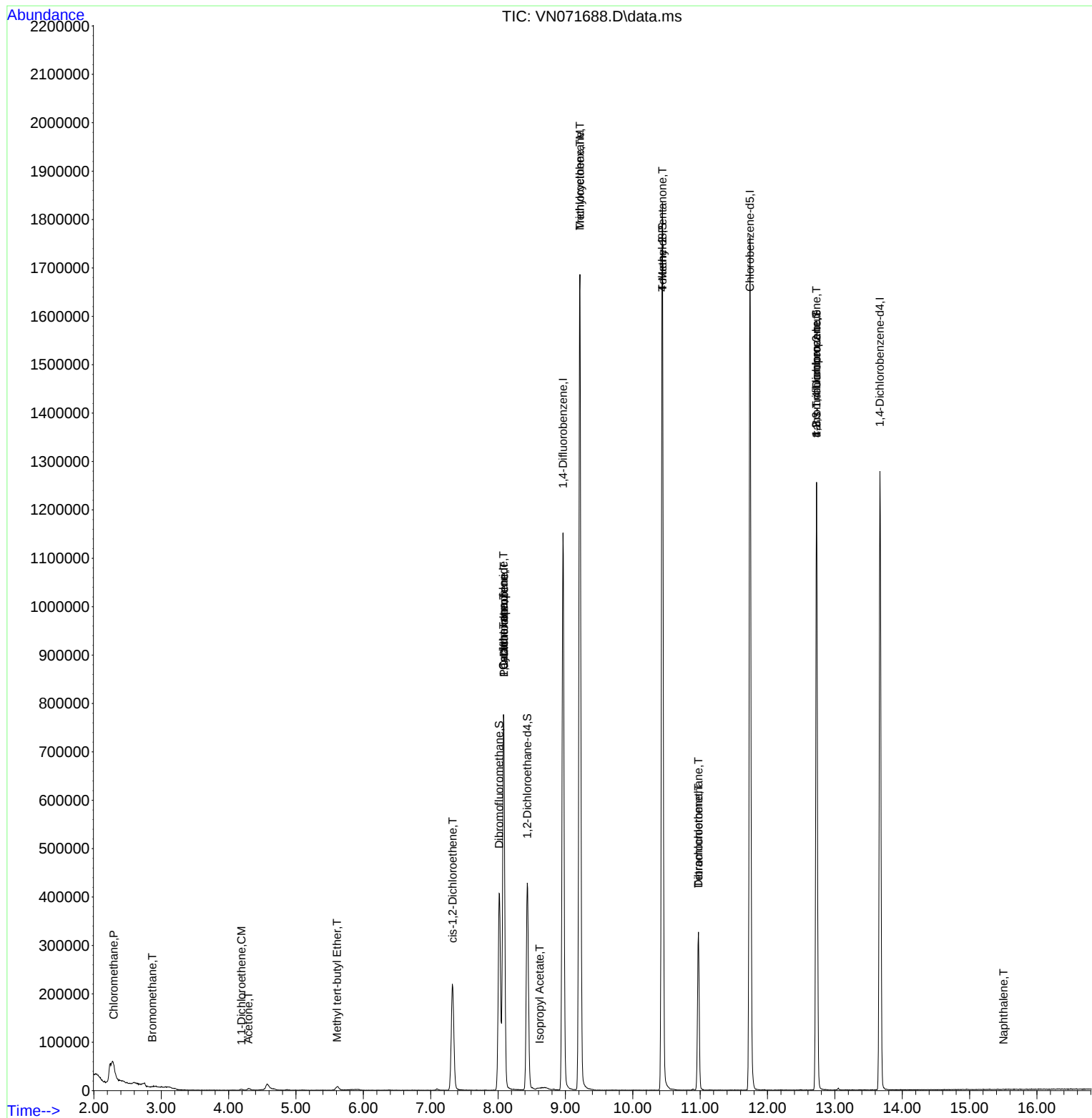
Internal Standards						
1) Pentafluorobenzene	8.086	168	640038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1065981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1068513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	386195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	361907	49.530	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.060%
35) Dibromofluoromethane	8.016	113	308224	49.137	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.280%
50) Toluene-d8	10.439	98	1329629	51.817	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.640%
62) 4-Bromofluorobenzene	12.727	95	443370	53.425	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.860%
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	3449	0.535	ug/l #	74
5) Bromomethane	2.869	94	974	0.212	ug/l	88
12) 1,1-Dichloroethene	4.193	96	1444	0.273	ug/l #	85
16) Acetone	4.293	43	4974	1.593	ug/l #	78
18) Methyl Acetate	4.863	43	2712	Below Cal	#	89
19) Methyl tert-butyl Ether	5.610	73	11838	0.603	ug/l	94
27) cis-1,2-Dichloroethene	7.328	96	146866	20.651	ug/l	88
31) Cyclohexane	8.081	56	10979	1.105	ug/l #	9
36) 1,1-Dichloropropene	8.086	75	43973	5.020	ug/l #	49
38) Carbon Tetrachloride	8.081	117	57374	6.683	ug/l #	17
39) Methylcyclohexane	9.216	83	7512	0.720	ug/l #	1
43) Isopropyl Acetate	8.616	43	5521	0.346	ug/l #	53
44) Trichloroethene	9.216	130	671247	94.159	ug/l	99
51) 4-Methyl-2-Pentanone	10.439	43	4823	0.526	ug/l #	1
60) Dibromochloromethane	10.974	129	73194	10.427	ug/l #	11
64) Tetrachloroethene	10.974	164	81658	11.573	ug/l	98
76) 1,2,3-Trichloropropane	12.727	75	215952	24.138	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	215952	74.803	ug/l #	10
95) Naphthalene	15.504	128	122	3.809	ug/l #	69

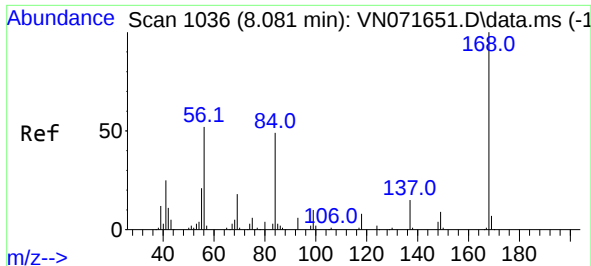
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
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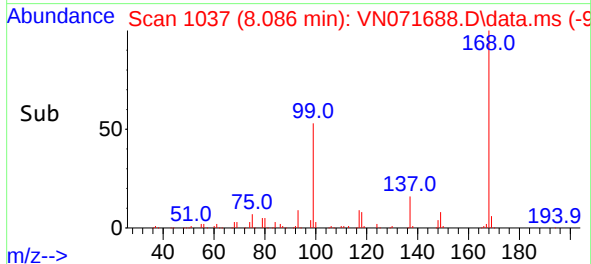
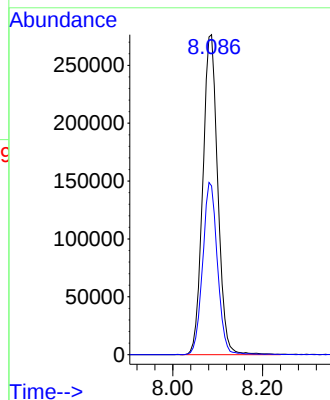
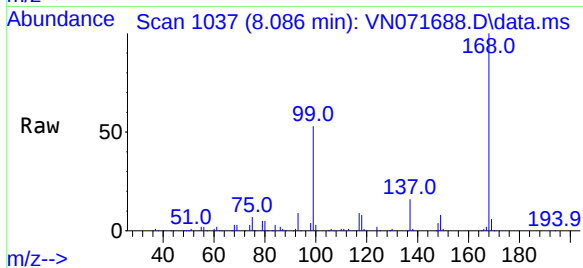




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

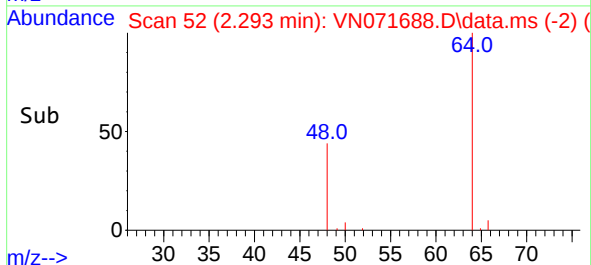
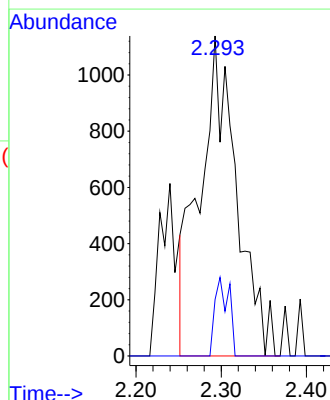
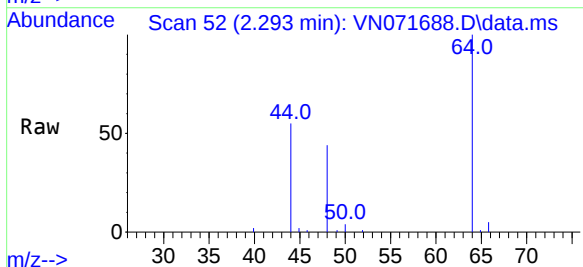
Instrument :
MSVOA_N
ClientSampleId :
MW179D-20220322

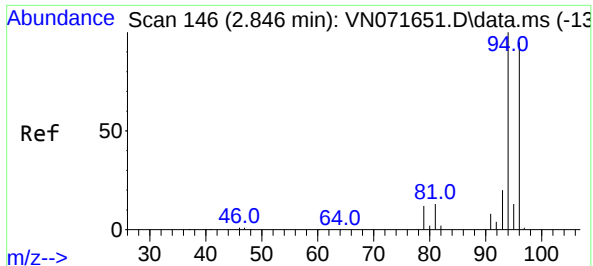
Tgt Ion:168 Resp: 640038
Ion Ratio Lower Upper
168 100
99 52.7 42.3 63.5



#3
Chloromethane
Concen: 0.535 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

Tgt Ion: 50 Resp: 3449
Ion Ratio Lower Upper
50 100
52 17.6 25.7 38.5#

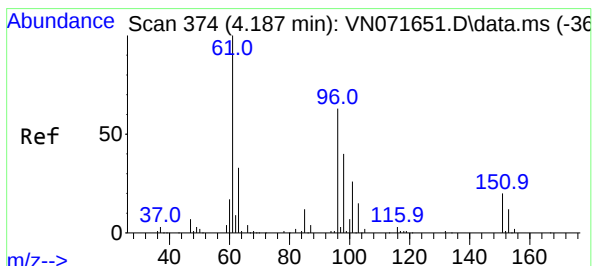
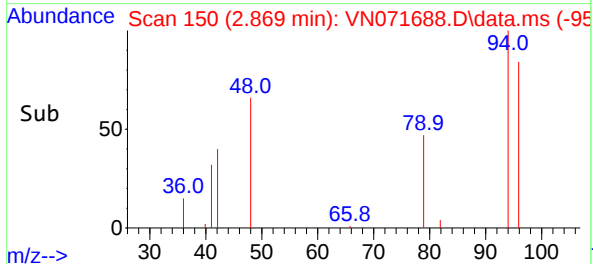
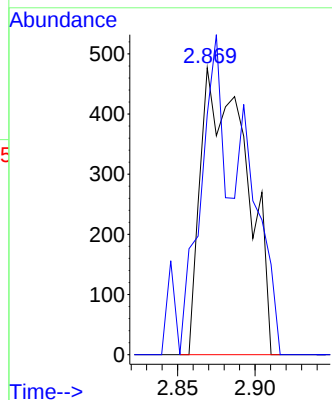
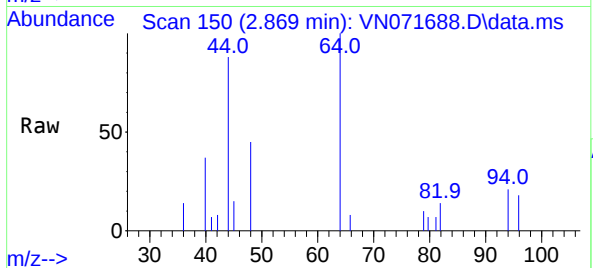




#5
Bromomethane
Concen: 0.212 ug/l
RT: 2.869 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

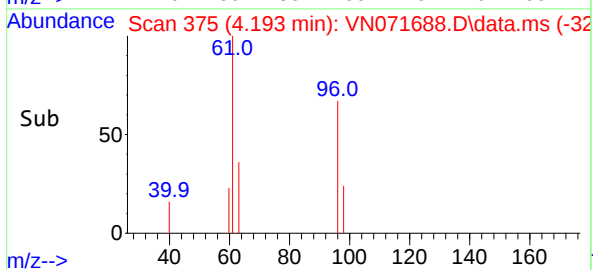
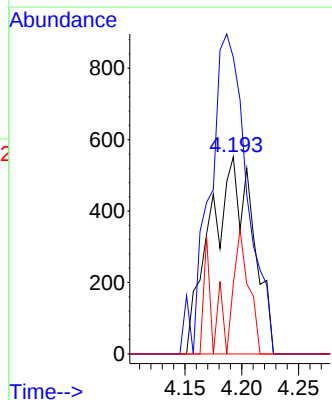
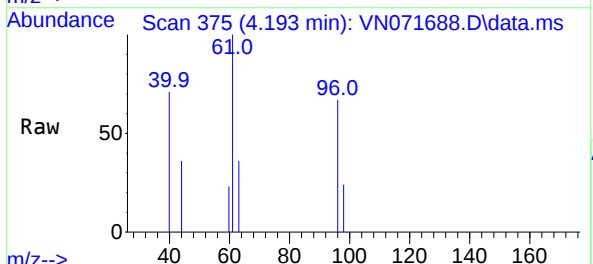
Instrument :
MSVOA_N
ClientSampleId :
MW179D-20220322

Tgt Ion: 94 Resp: 974
Ion Ratio Lower Upper
94 100
96 83.6 76.0 114.0



#12
1,1-Dichloroethene
Concen: 0.273 ug/l
RT: 4.193 min Scan# 375
Delta R.T. 0.006 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

Tgt Ion: 96 Resp: 1444
Ion Ratio Lower Upper
96 100
61 150.4 127.6 191.4
98 35.5 51.2 76.8#

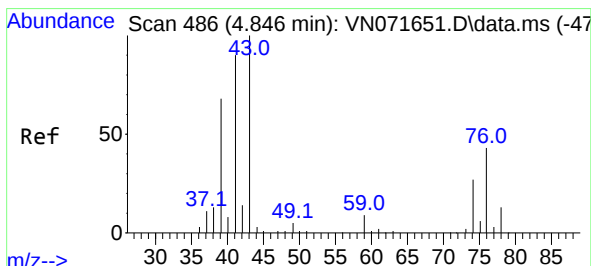
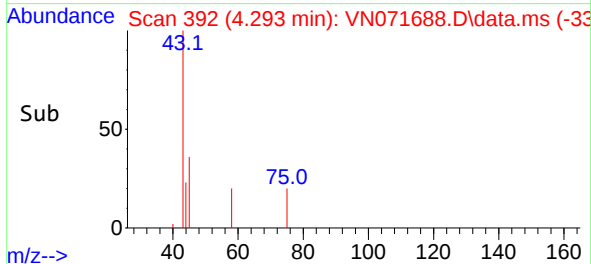
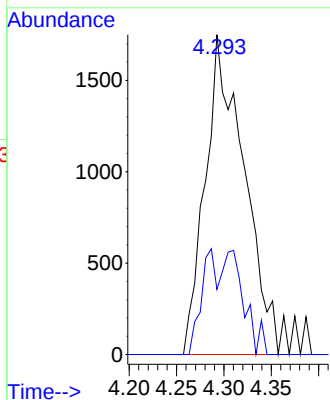
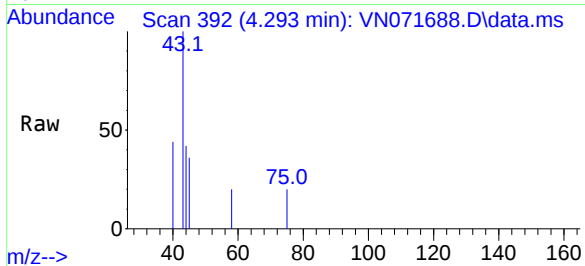




#16
Acetone
Concen: 1.593 ug/l
RT: 4.293 min Scan# 391
Delta R.T. 0.018 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

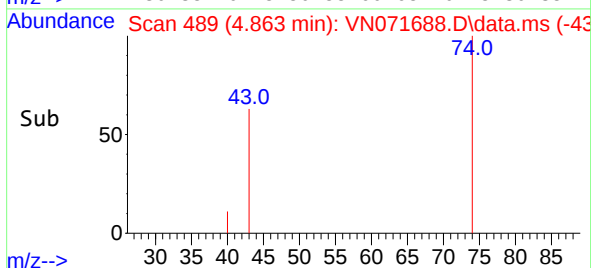
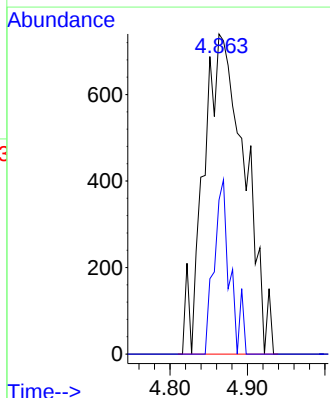
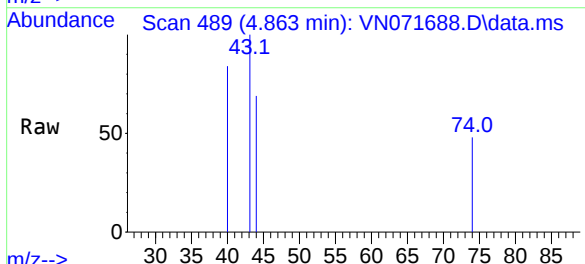
Instrument :
MSVOA_N
ClientSampleId :
MW179D-20220322

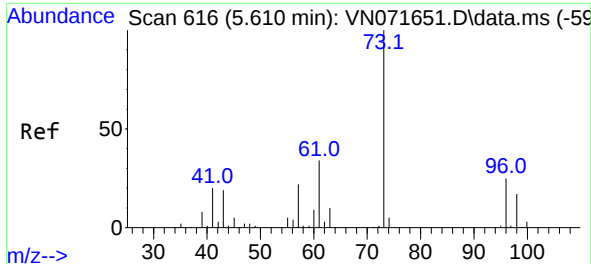
Tgt Ion: 43 Resp: 4974
Ion Ratio Lower Upper
43 100
58 20.4 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 489
Delta R.T. 0.017 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

Tgt Ion: 43 Resp: 2712
Ion Ratio Lower Upper
43 100
74 21.1 21.6 32.4#





#19

Methyl tert-butyl Ether

Concen: 0.603 ug/l

RT: 5.610 min Scan# 616

Delta R.T. 0.000 min

Lab File: VN071688.D

Acq: 31 Mar 2022 03:45

Instrument :

MSVOA_N

ClientSampleId :

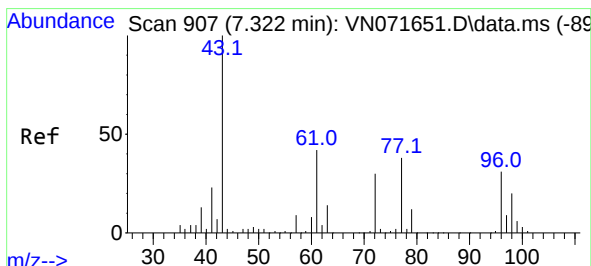
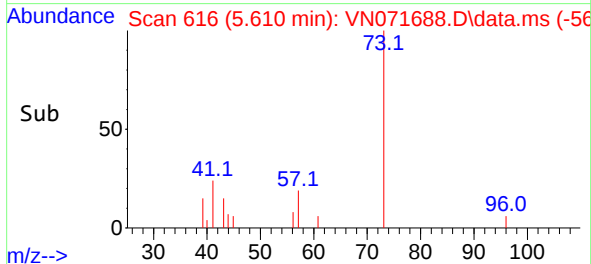
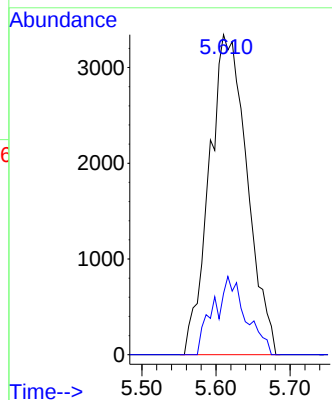
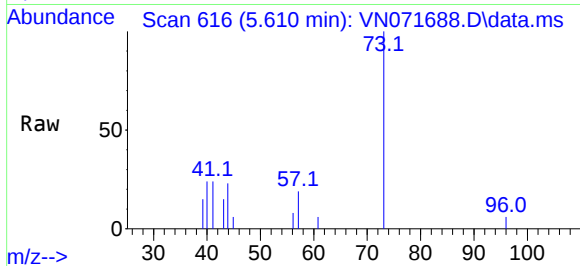
MW179D-20220322

Tgt Ion: 73 Resp: 11838

Ion Ratio Lower Upper

73 100

57 19.1 17.6 26.4



#27

cis-1,2-Dichloroethene

Concen: 20.651 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN071688.D

Acq: 31 Mar 2022 03:45

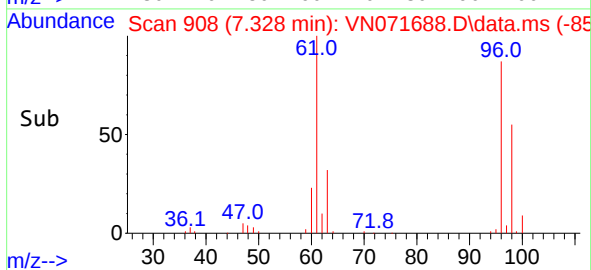
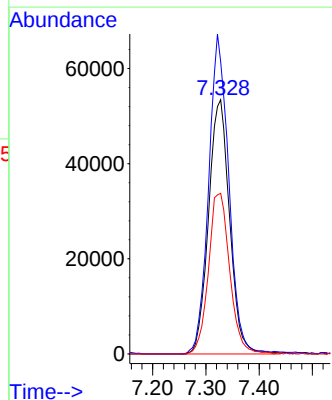
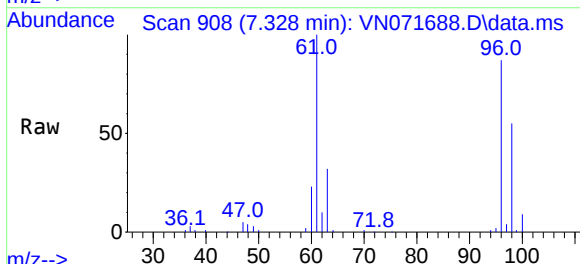
Tgt Ion: 96 Resp: 146866

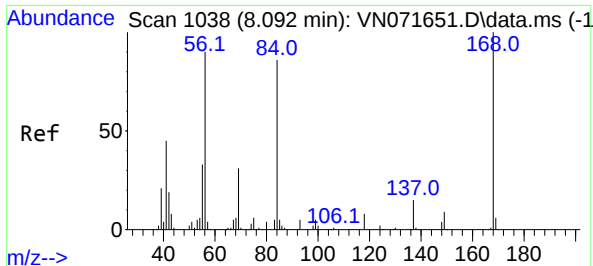
Ion Ratio Lower Upper

96 100

61 119.5 0.0 280.6

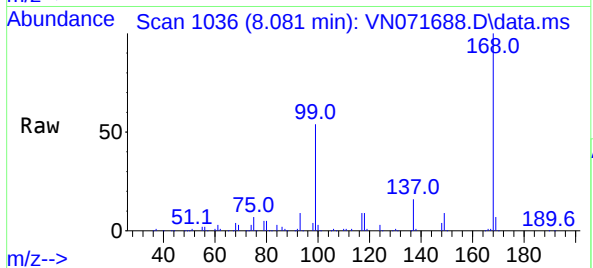
98 63.6 0.0 128.4



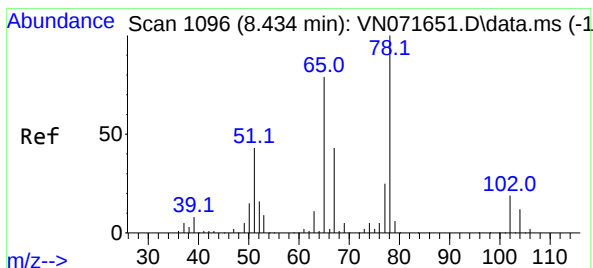
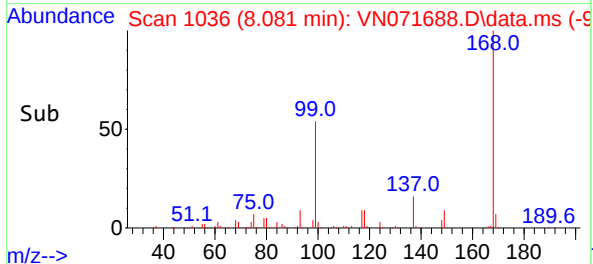
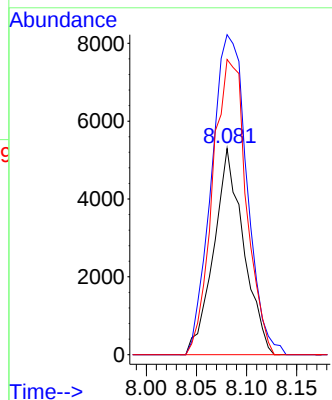


#31
Cyclohexane
Concen: 1.105 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

Instrument :
MSVOA_N
ClientSampleId :
MW179D-20220322

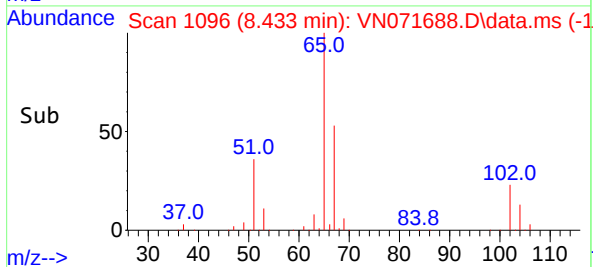
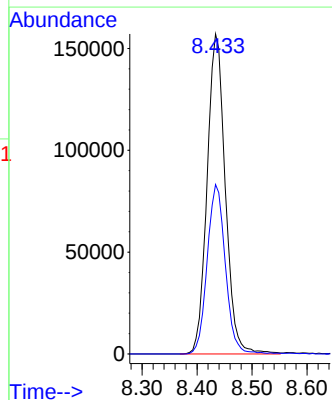
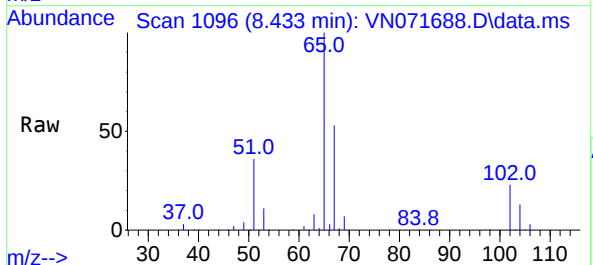


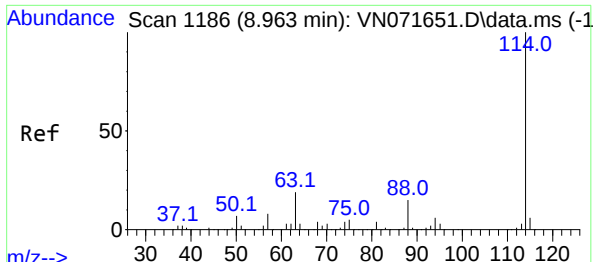
Tgt Ion: 56 Resp: 10979
Ion Ratio Lower Upper
56 100
69 155.1 27.8 41.8#
84 143.1 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 49.530 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

Tgt Ion: 65 Resp: 361907
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8

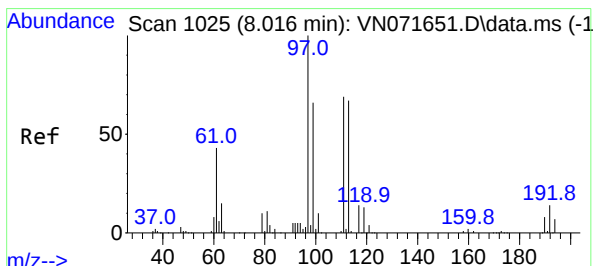
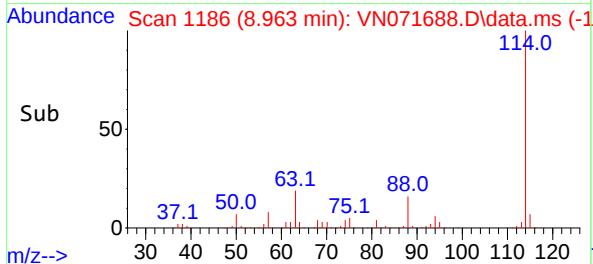
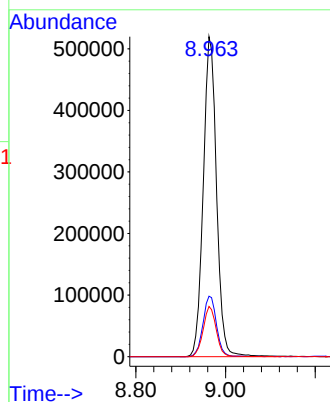
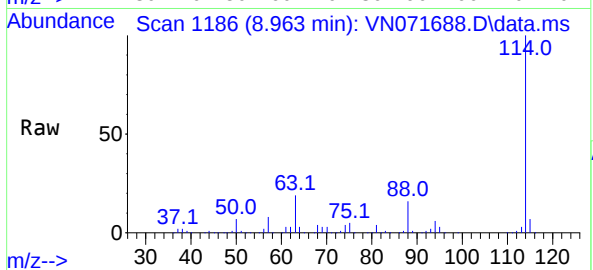




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

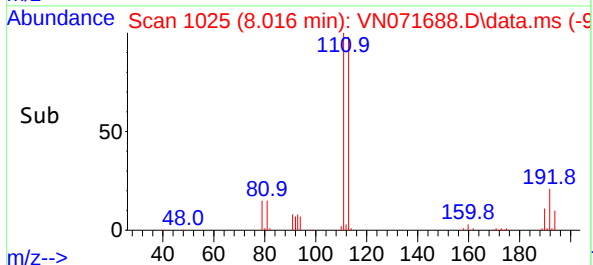
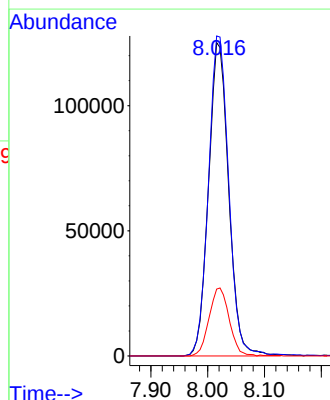
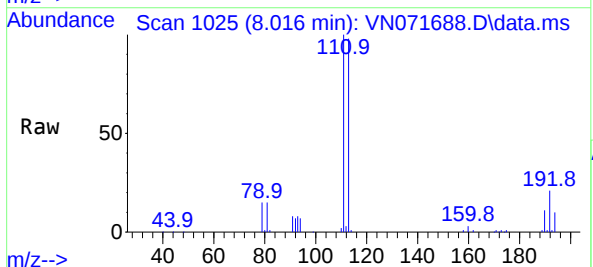
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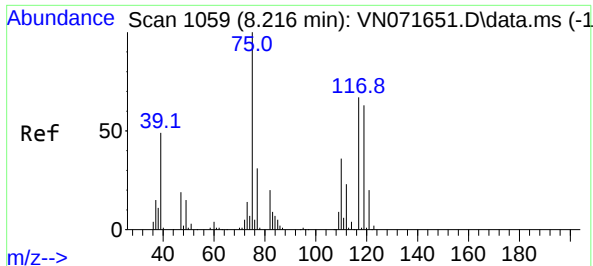
Tgt Ion:114 Resp: 1065981
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.137 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

Tgt Ion:113 Resp: 308224
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 21.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.020 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

Lab File: VN071688.D

Acq: 31 Mar 2022 03:45

Instrument :

MSVOA_N

ClientSampleId :

MW179D-20220322

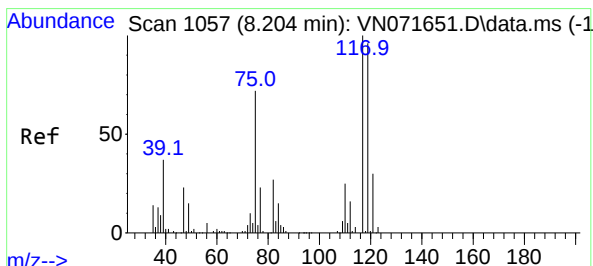
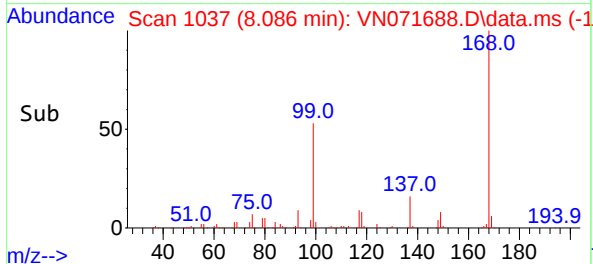
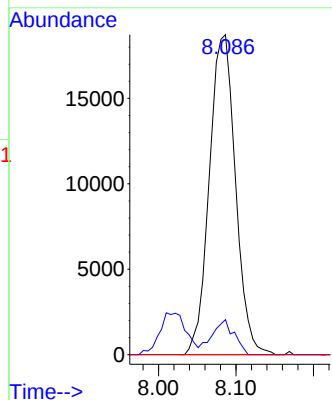
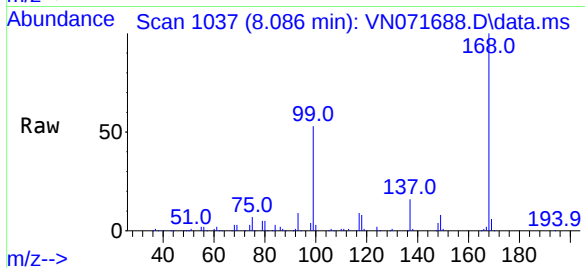
Tgt Ion: 75 Resp: 43973

Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.683 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN071688.D

Acq: 31 Mar 2022 03:45

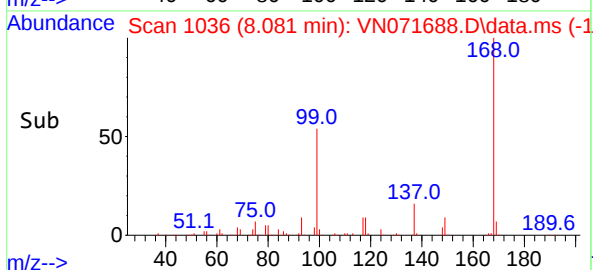
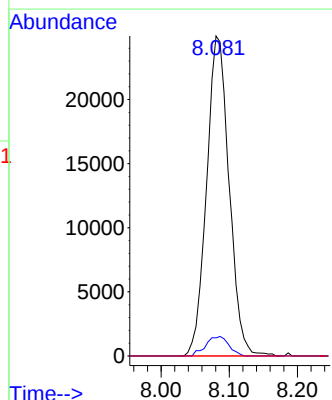
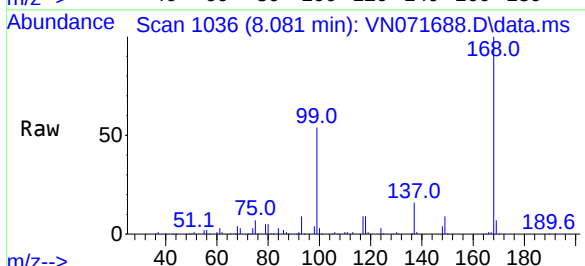
Tgt Ion: 117 Resp: 57374

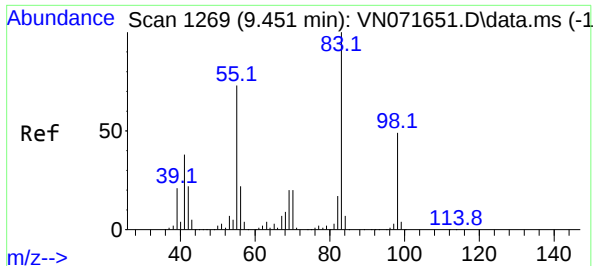
Ion Ratio Lower Upper

117 100

119 5.7 75.8 113.8#

121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 0.720 ug/l

RT: 9.216 min Scan# 1127

Delta R.T. -0.235 min

Lab File: VN071688.D

Acq: 31 Mar 2022 03:45

Instrument :

MSVOA_N

ClientSampleId :

MW179D-20220322

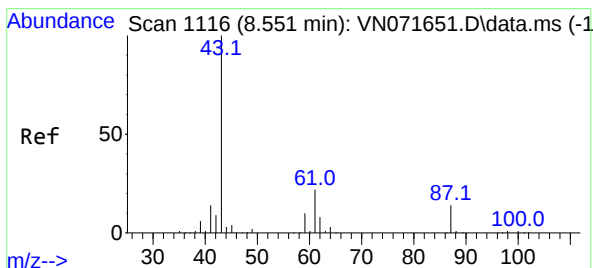
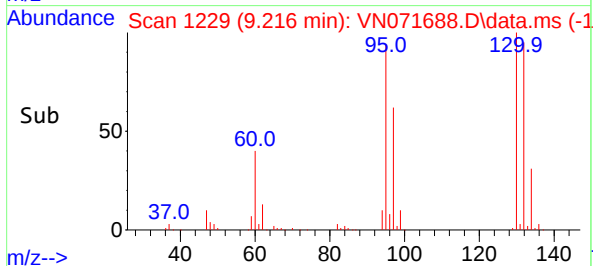
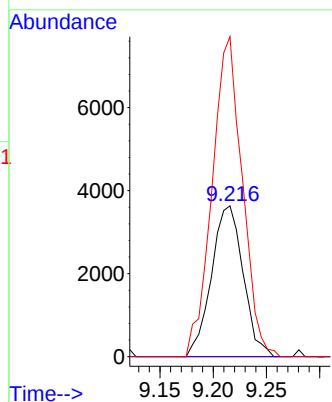
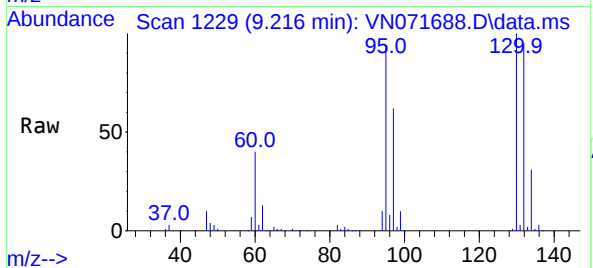
Tgt Ion: 83 Resp: 7512

Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.8#

98 212.2 39.4 59.2#



#43

Isopropyl Acetate

Concen: 0.346 ug/l

RT: 8.616 min Scan# 1127

Delta R.T. 0.065 min

Lab File: VN071688.D

Acq: 31 Mar 2022 03:45

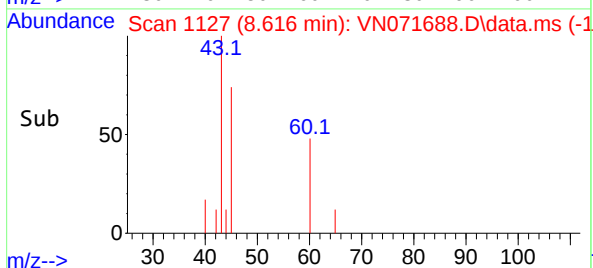
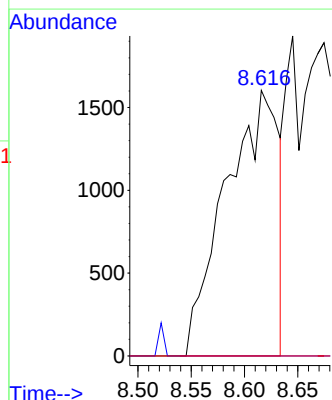
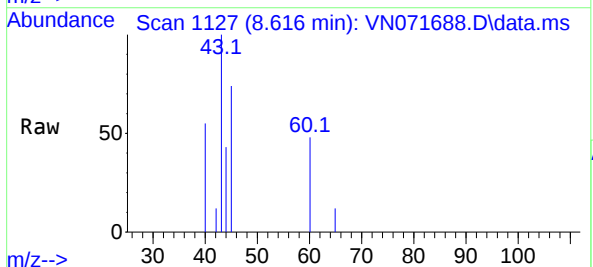
Tgt Ion: 43 Resp: 5521

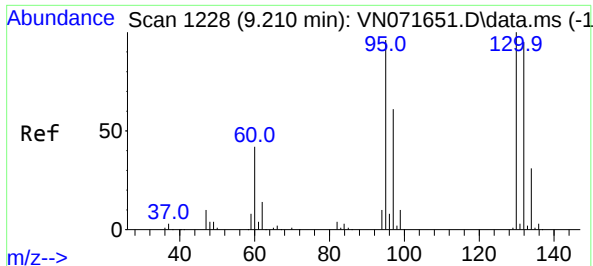
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#





#44

Trichloroethene

Concen: 94.159 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN071688.D

Acq: 31 Mar 2022 03:45

Instrument :

MSVOA_N

ClientSampleId :

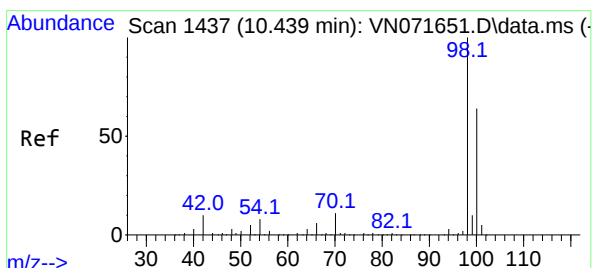
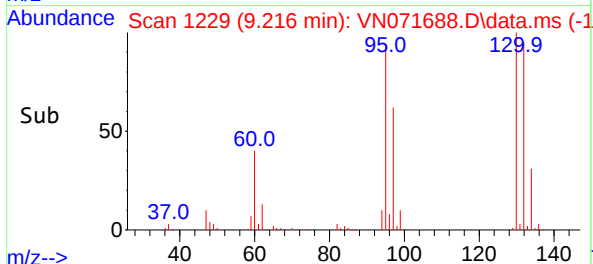
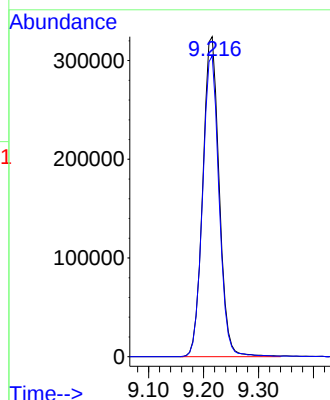
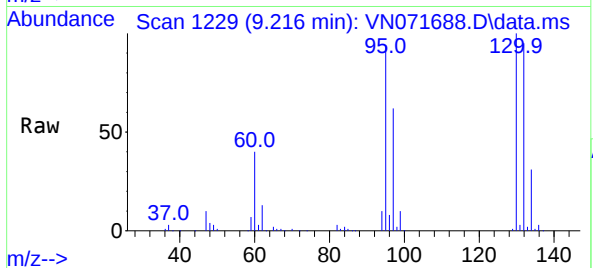
MW179D-20220322

Tgt Ion:130 Resp: 671247

Ion Ratio Lower Upper

130 100

95 94.0 0.0 186.8



#50

Toluene-d8

Concen: 51.817 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071688.D

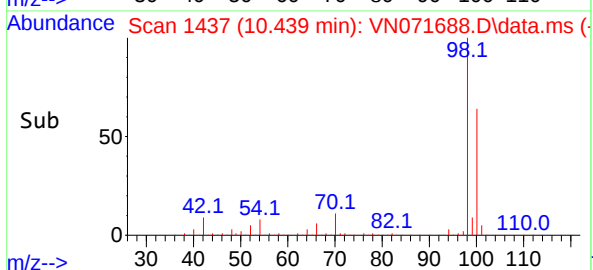
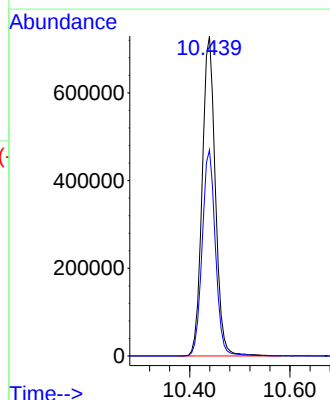
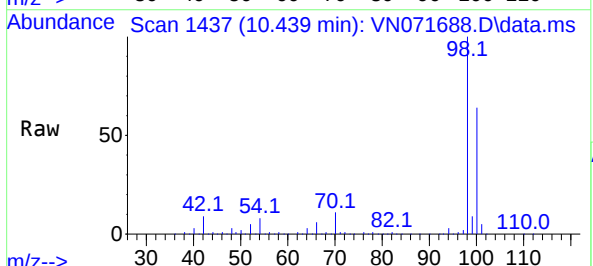
Acq: 31 Mar 2022 03:45

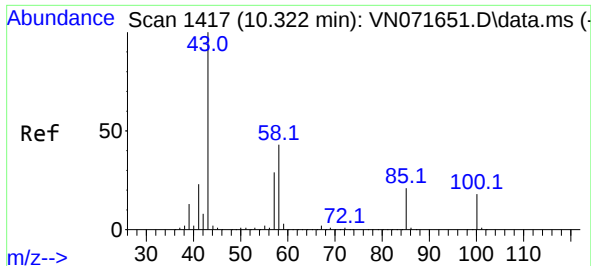
Tgt Ion: 98 Resp: 1329629

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.526 ug/l

RT: 10.439 min Scan# 1417

Delta R.T. 0.117 min

Lab File: VN071688.D

Acq: 31 Mar 2022 03:45

Instrument :

MSVOA_N

ClientSampleId :

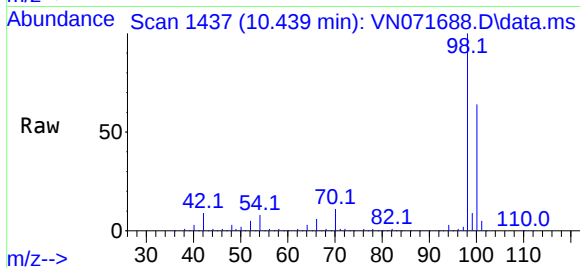
MW179D-20220322

Tgt Ion: 43 Resp: 4823

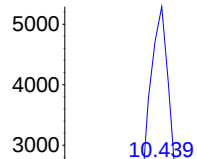
Ion Ratio Lower Upper

43 100

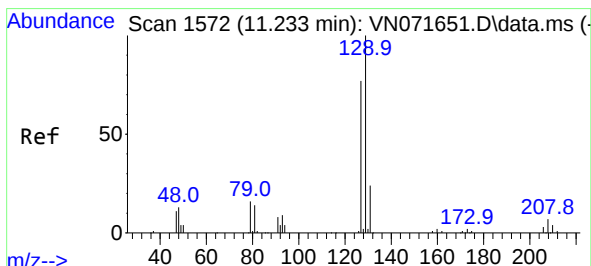
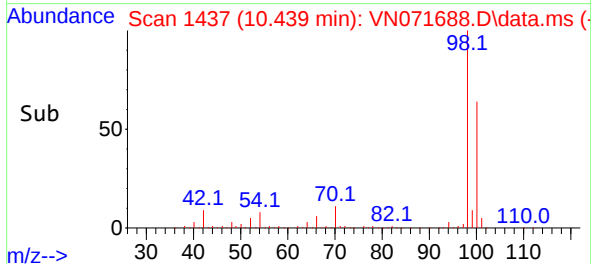
58 194.8 34.1 51.1#



Abundance



Time-->



#60

Dibromochloromethane

Concen: 10.427 ug/l

RT: 10.974 min Scan# 1528

Delta R.T. -0.259 min

Lab File: VN071688.D

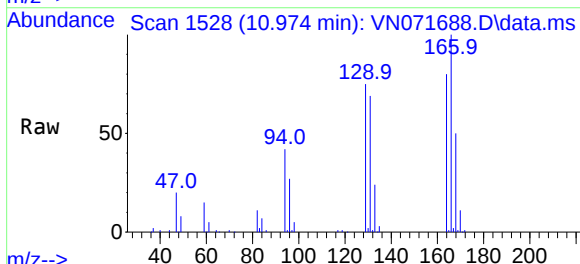
Acq: 31 Mar 2022 03:45

Tgt Ion: 129 Resp: 73194

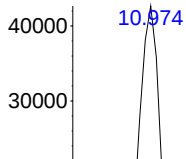
Ion Ratio Lower Upper

129 100

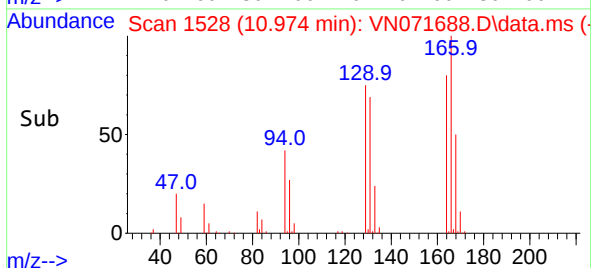
127 0.0 38.8 116.4#

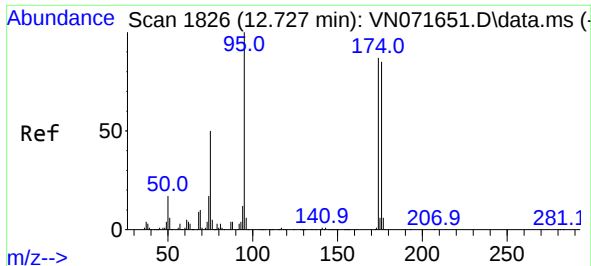


Abundance



Time-->

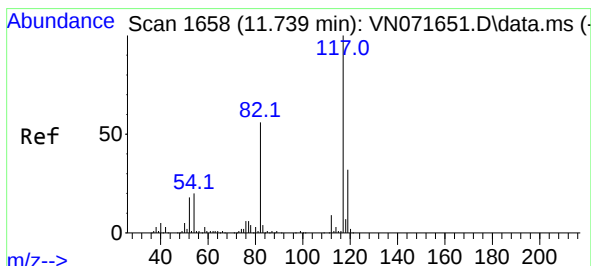
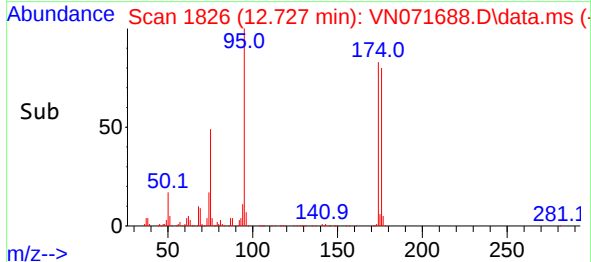
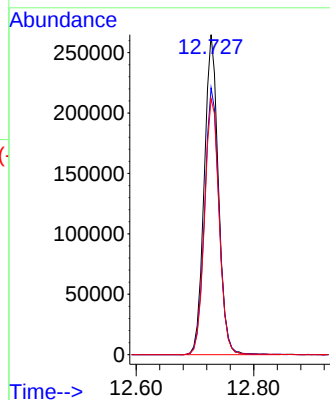
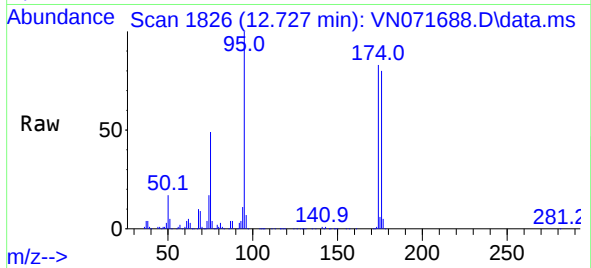




#62
4-Bromofluorobenzene
Concen: 53.425 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

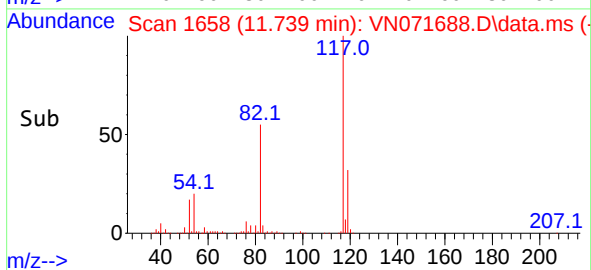
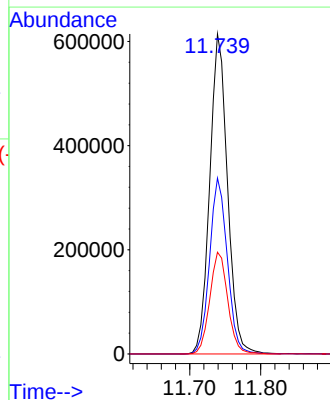
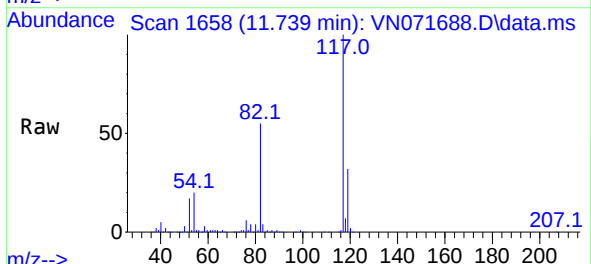
Instrument :
MSVOA_N
ClientSampleId :
MW179D-20220322

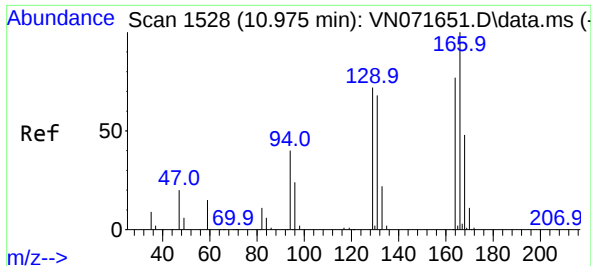
Tgt Ion: 95 Resp: 443370
Ion Ratio Lower Upper
95 100
174 85.5 0.0 167.6
176 82.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

Tgt Ion: 117 Resp: 1068513
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 31.8 25.4 38.0



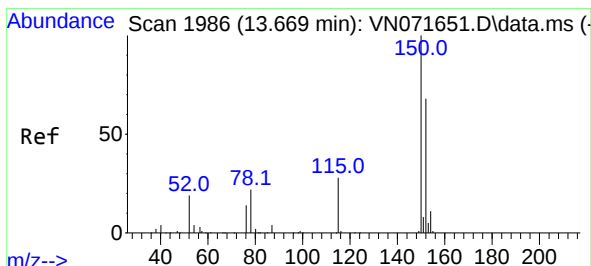
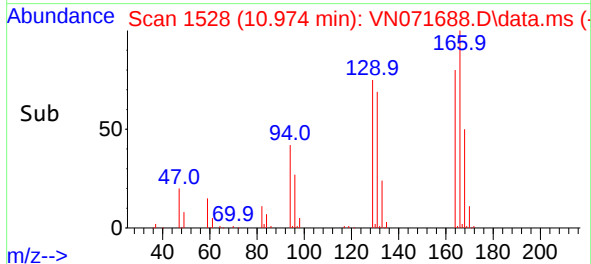
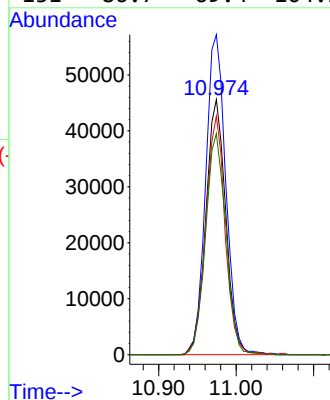
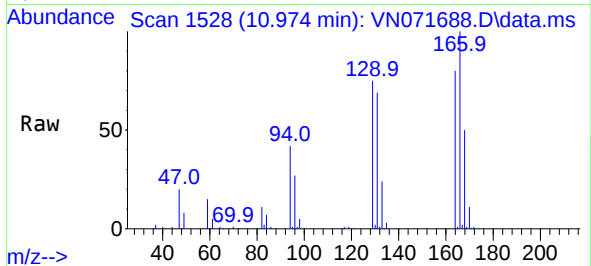


#64
Tetrachloroethene
Concen: 11.573 ug/l
RT: 10.974 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

Instrument :
MSVOA_N
ClientSampleId :
MW179D-20220322

Tgt Ion:164 Resp: 81658

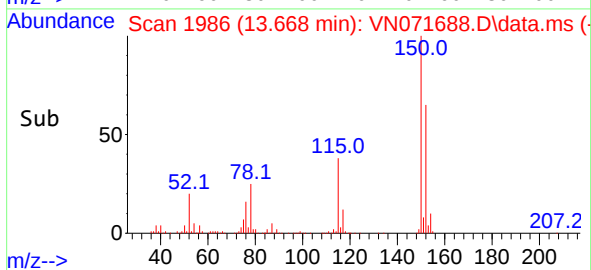
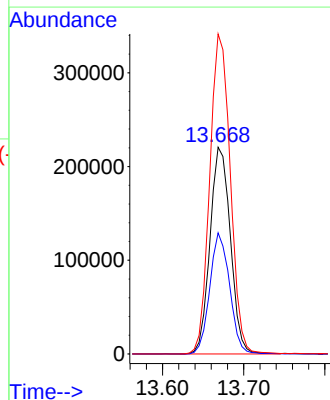
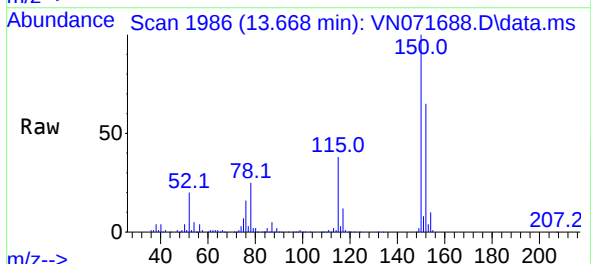
Ion	Ratio	Lower	Upper
164	100		
166	125.4	104.2	156.2
129	93.6	73.9	110.9
131	86.7	69.4	104.2

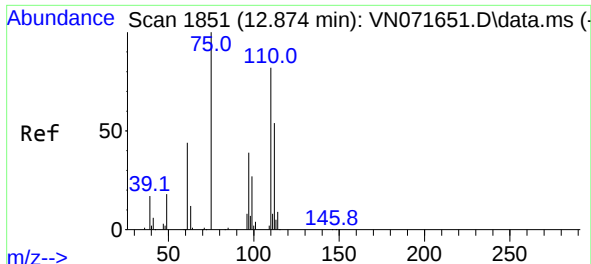


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

Tgt Ion:152 Resp: 386195

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.9	86.7
150	155.6	0.0	356.2

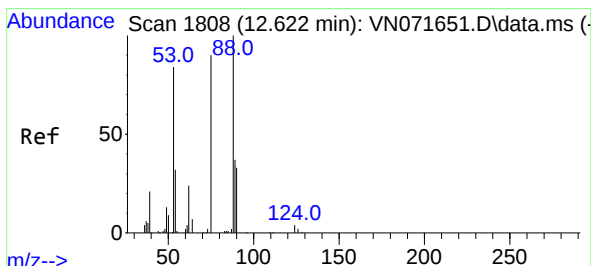
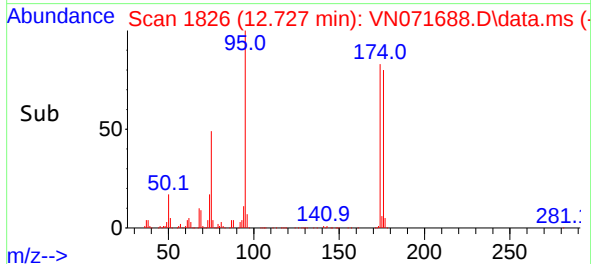
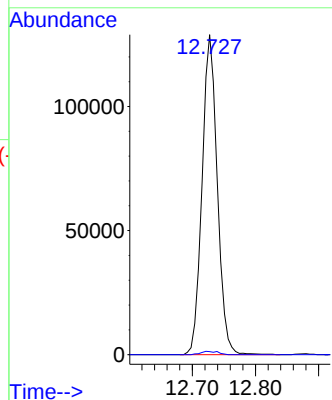
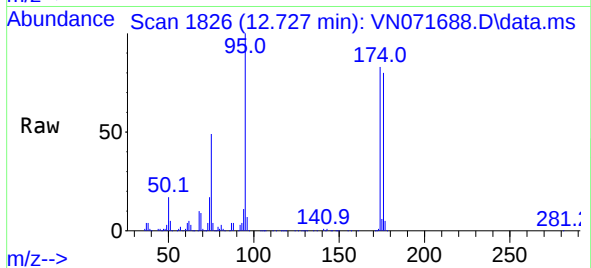




#76
1,2,3-Trichloropropane
Concen: 24.138 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

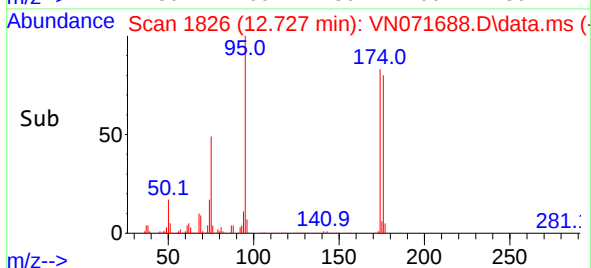
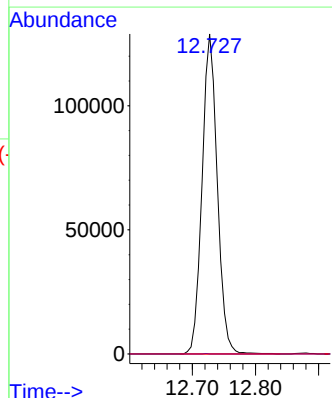
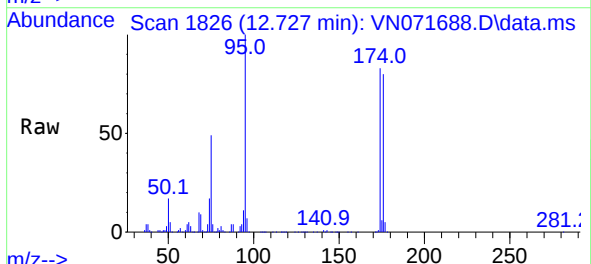
Instrument :
MSVOA_N
ClientSampleId :
MW179D-20220322

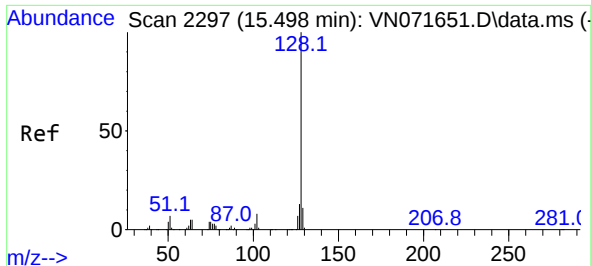
Tgt Ion: 75 Resp: 215952
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.803 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

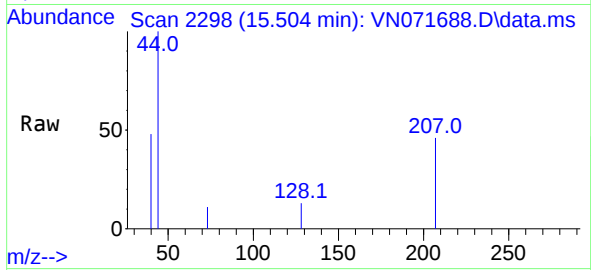
Tgt Ion: 75 Resp: 215952
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 3.809 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

Instrument :
MSVOA_N
ClientSampleId :
MW179D-20220322



Tgt Ion:	128	Resp:	122
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

