

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)

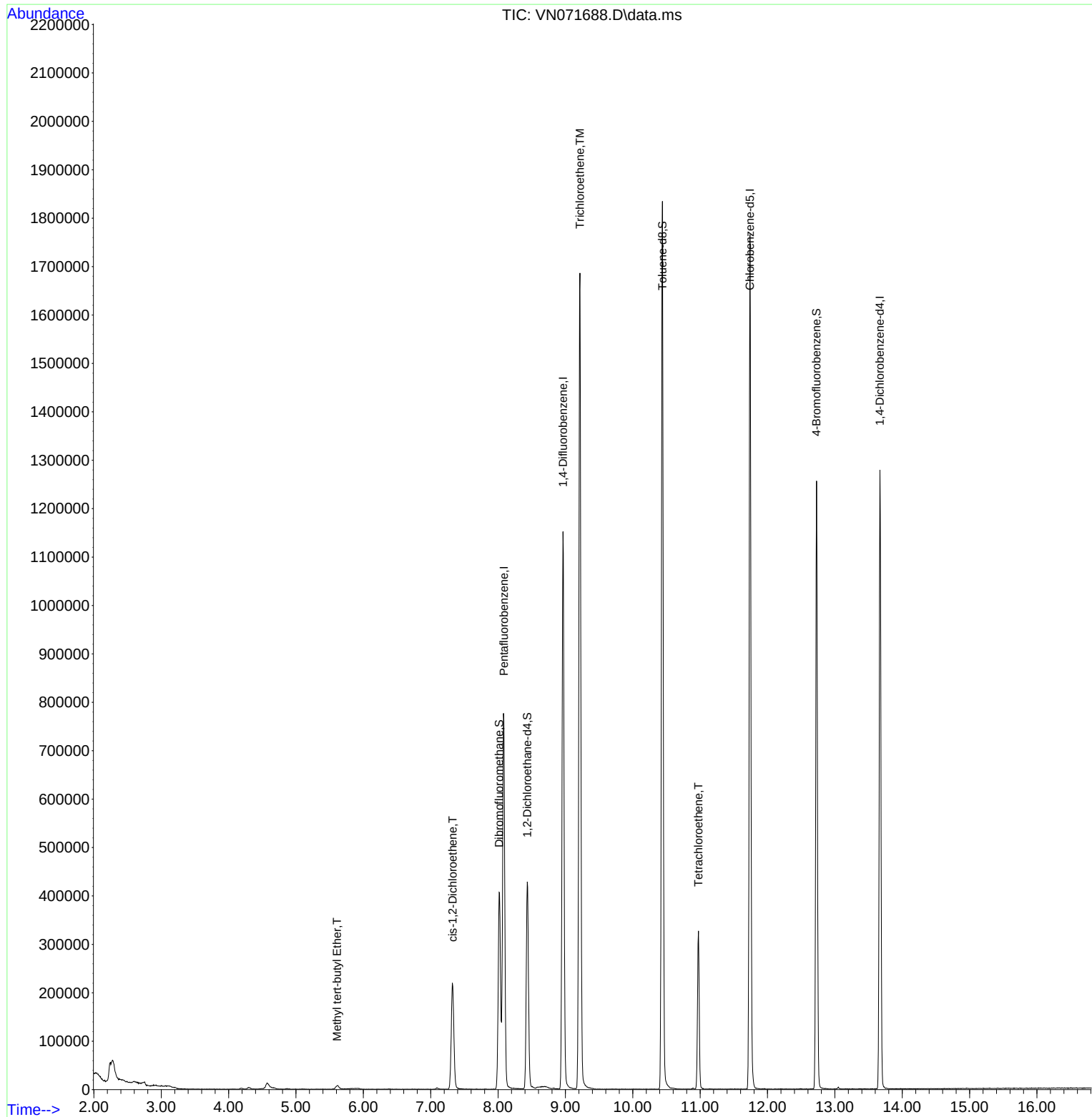
Internal Standards						
1) Pentafluorobenzene	8.086	168	640038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1065981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1068513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	386195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
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
44) Trichloroethene	9.216	130	671247	94.159	ug/l	99
64) Tetrachloroethene	10.974	164	81658	11.573	ug/l	98

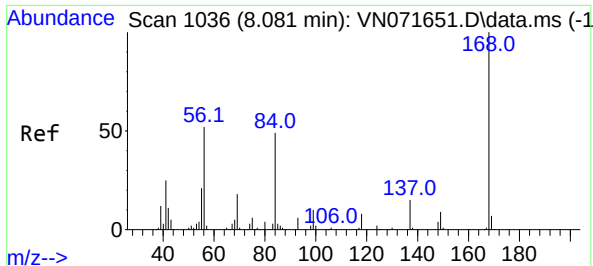
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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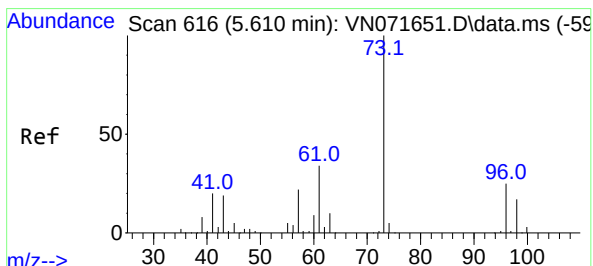
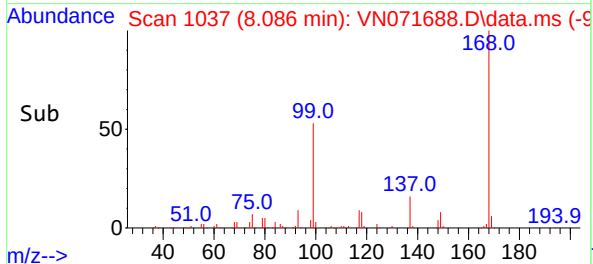
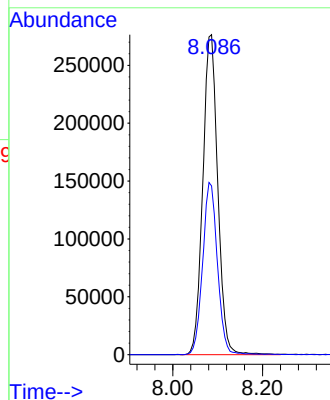
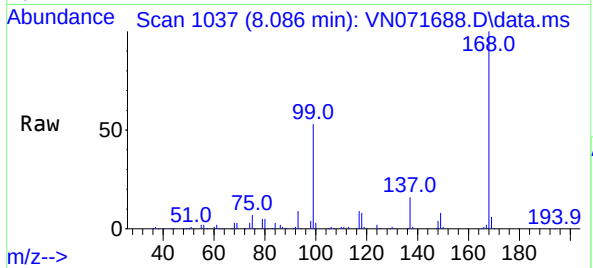




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

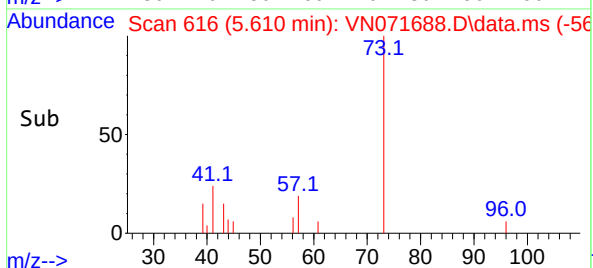
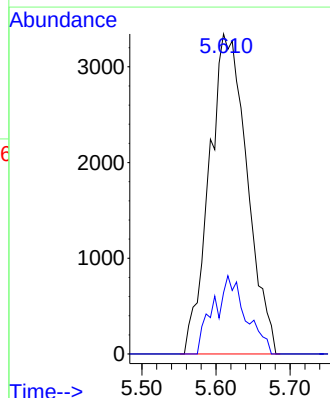
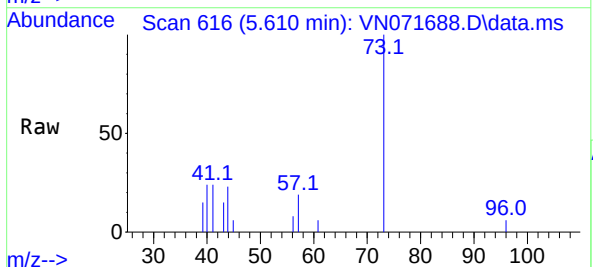
Instrument :
MSVOA_N
ClientSampleId :
MW179D-20220322

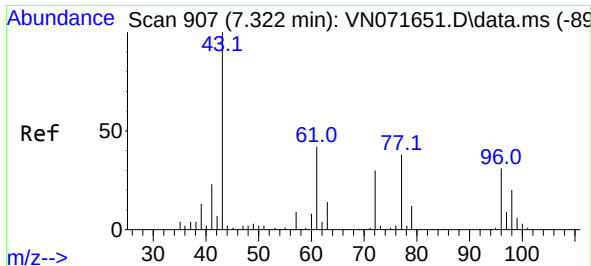
Tgt Ion:168 Resp: 640038
Ion Ratio Lower Upper
168 100
99 52.7 42.3 63.5



#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

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# 907

Delta R.T. 0.006 min

Lab File: VN071688.D

Acq: 31 Mar 2022 03:45

Instrument :

MSVOA_N

ClientSampleId :

MW179D-20220322

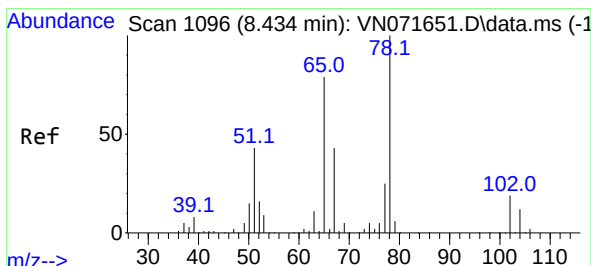
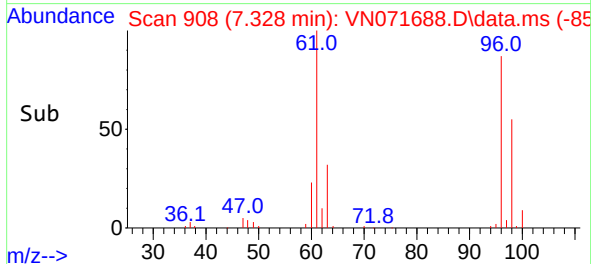
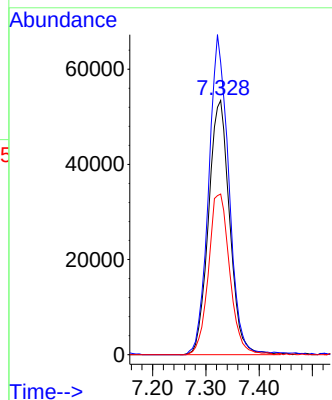
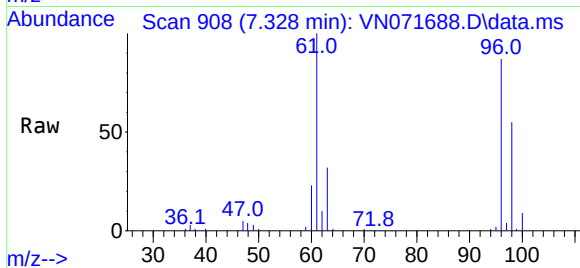
Tgt Ion: 96 Resp: 146866

Ion Ratio Lower Upper

96 100

61 119.5 0.0 280.6

98 63.6 0.0 128.4



#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

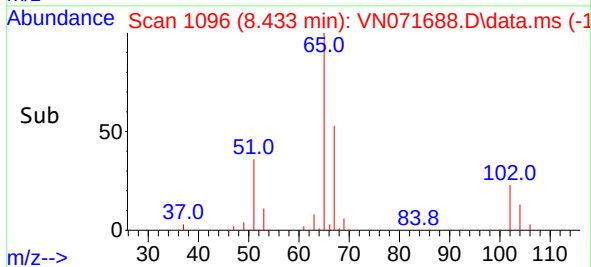
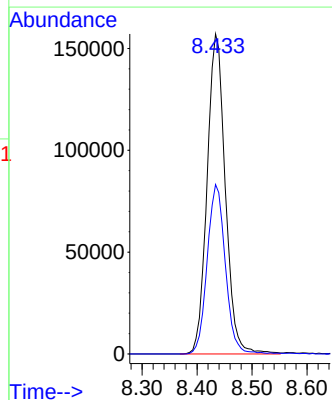
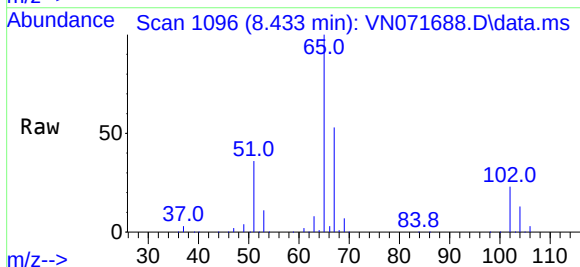
Acq: 31 Mar 2022 03:45

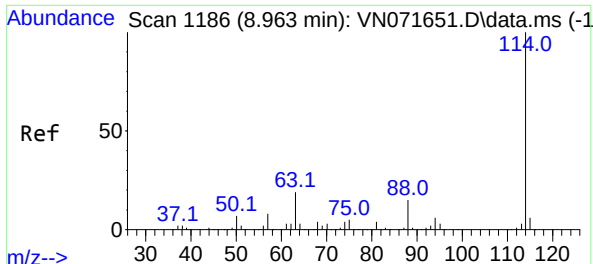
Tgt Ion: 65 Resp: 361907

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.8

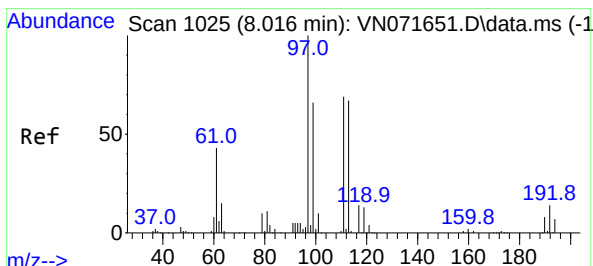
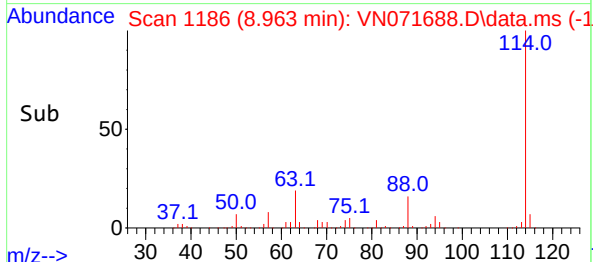
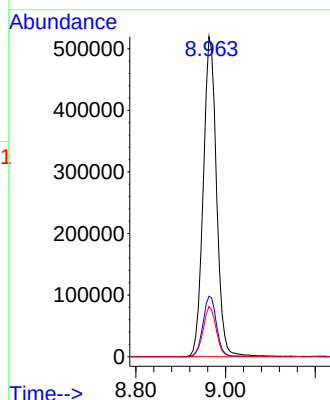
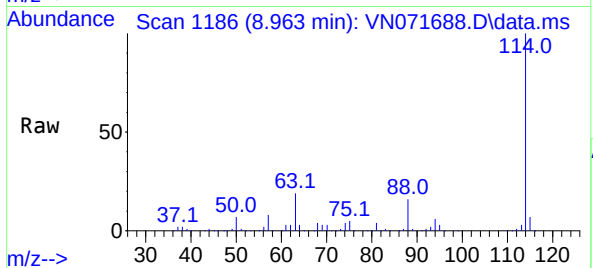




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

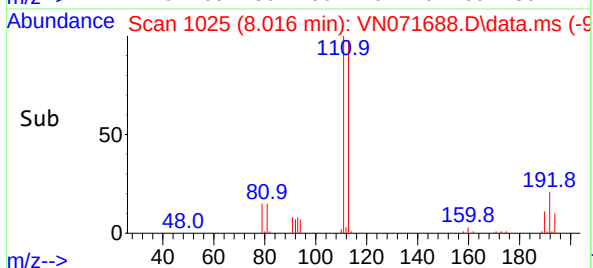
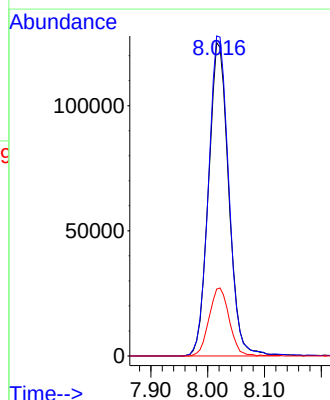
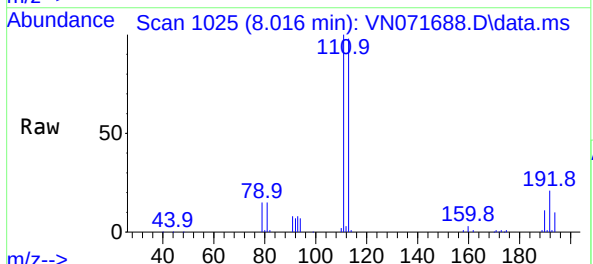
Instrument :
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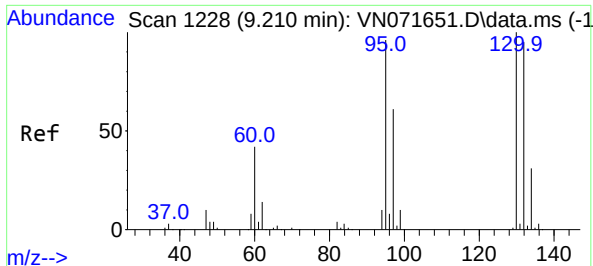
Tgt Ion:114 Resp: 1065981
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 15.7 0.0 32.6



#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

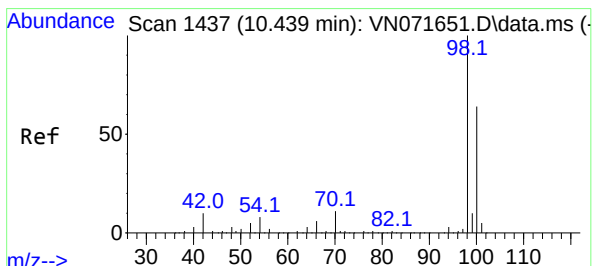
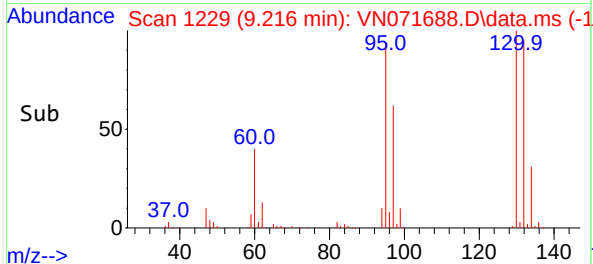
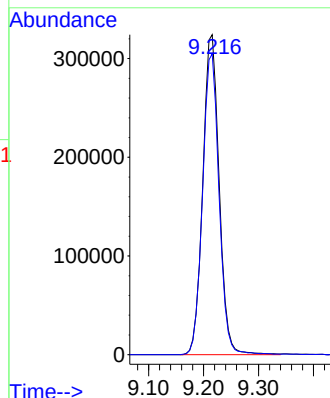
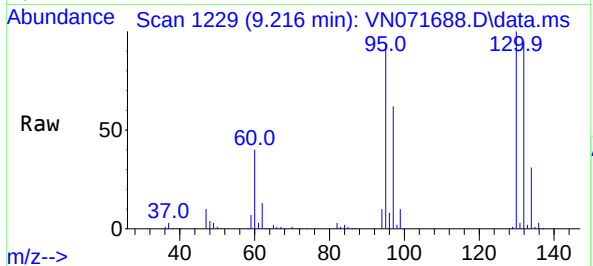




#44
Trichloroethene
Concen: 94.159 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

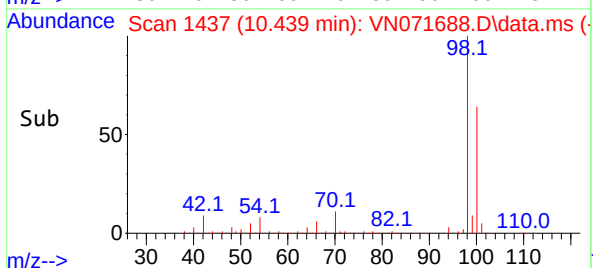
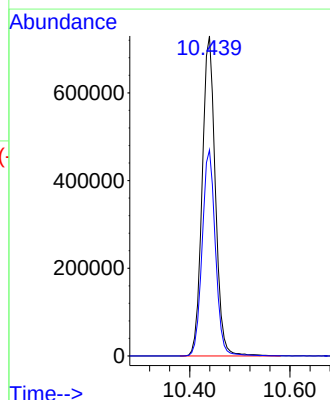
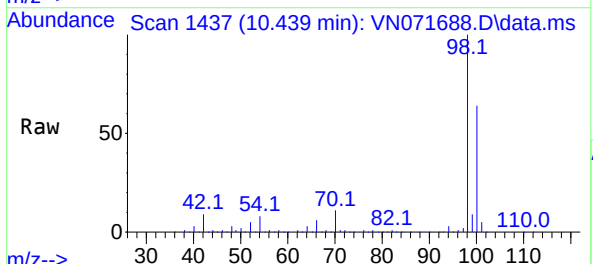
Instrument :
MSVOA_N
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MW179D-20220322

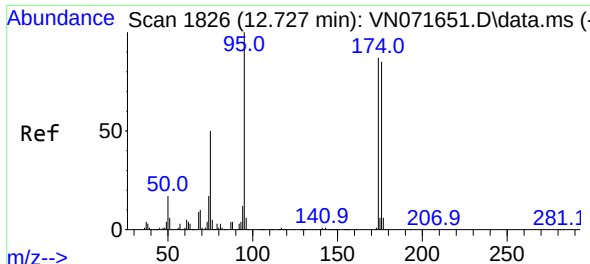
Tgt Ion:130 Resp: 671247
Ion Ratio Lower Upper
130 100
95 94.0 0.0 186.8



#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

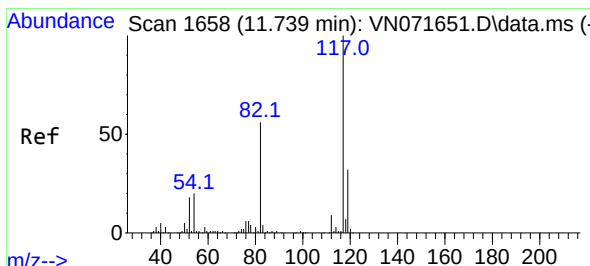
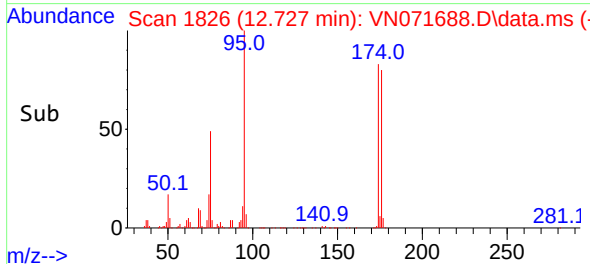
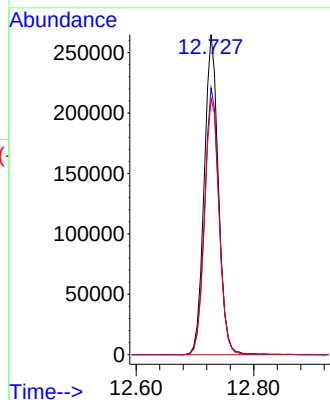
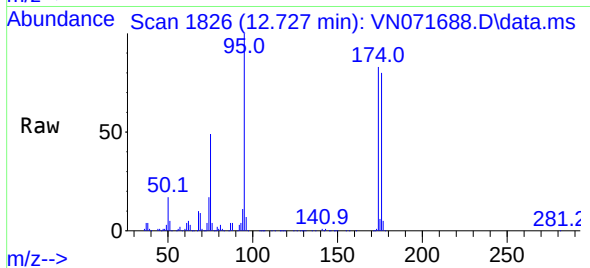




#62
4-Bromofluorobenzene
Concen: 53.425 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

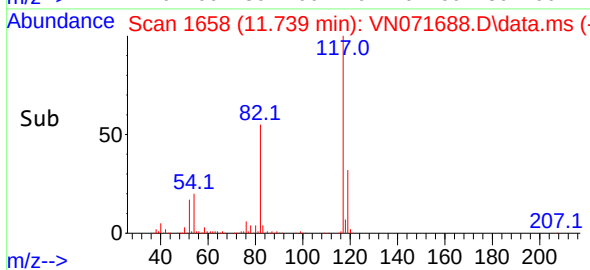
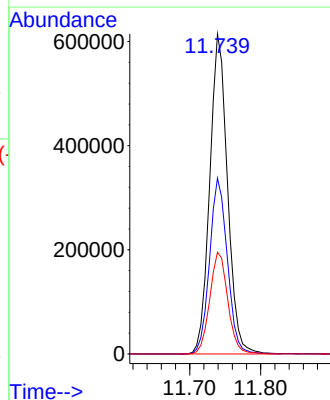
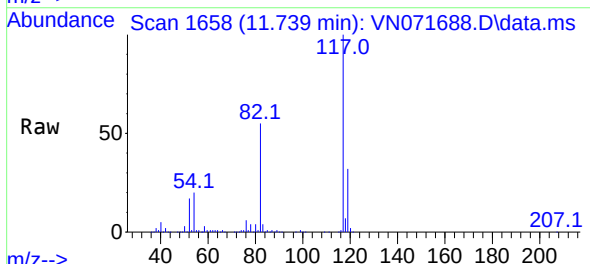
Instrument :
MSVOA_N
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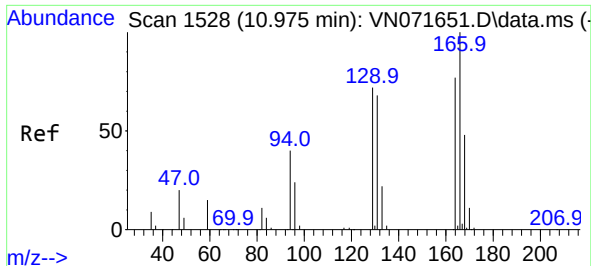
Tgt Ion: 95 Resp: 443370
Ion Ratio Lower Upper
95 100
174 85.5 0.0 167.6
176 82.5 0.0 163.4



#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

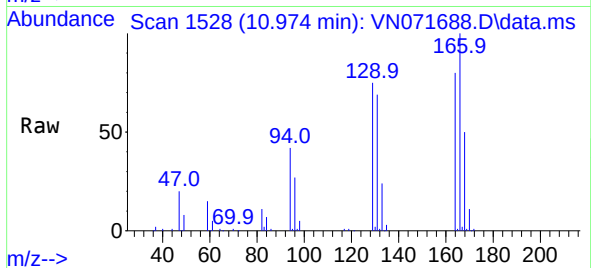
Tgt Ion: 117 Resp: 1068513
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 31.8 25.4 38.0



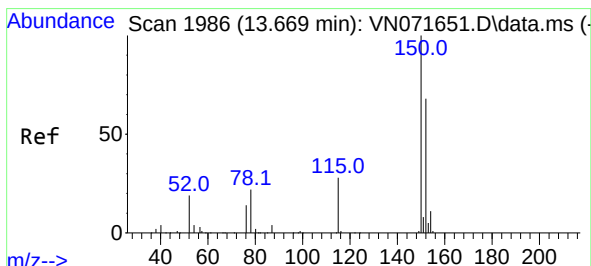
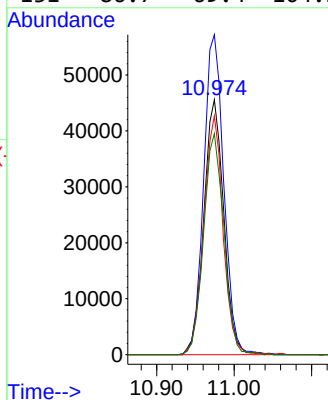
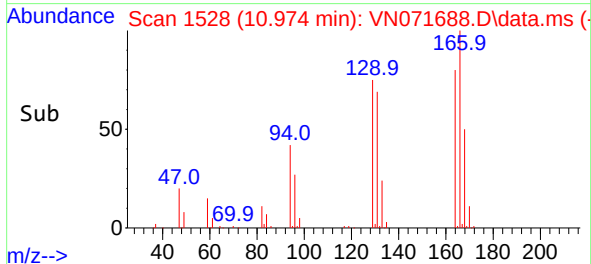


#64
Tetrachloroethene
Concen: 11.573 ug/l
RT: 10.974 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071688.D
Acq: 31 Mar 2022 03:45

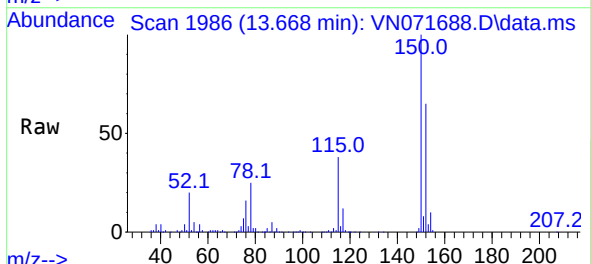
Instrument :
MSVOA_N
ClientSampleId :
MW179D-20220322



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

