

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
 Data File : VN071015.D
 Acq On : 18 Feb 2022 21:03
 Operator : JC\MD
 Sample : N1611-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WATER-COMP

Quant Time: Feb 19 00:44:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

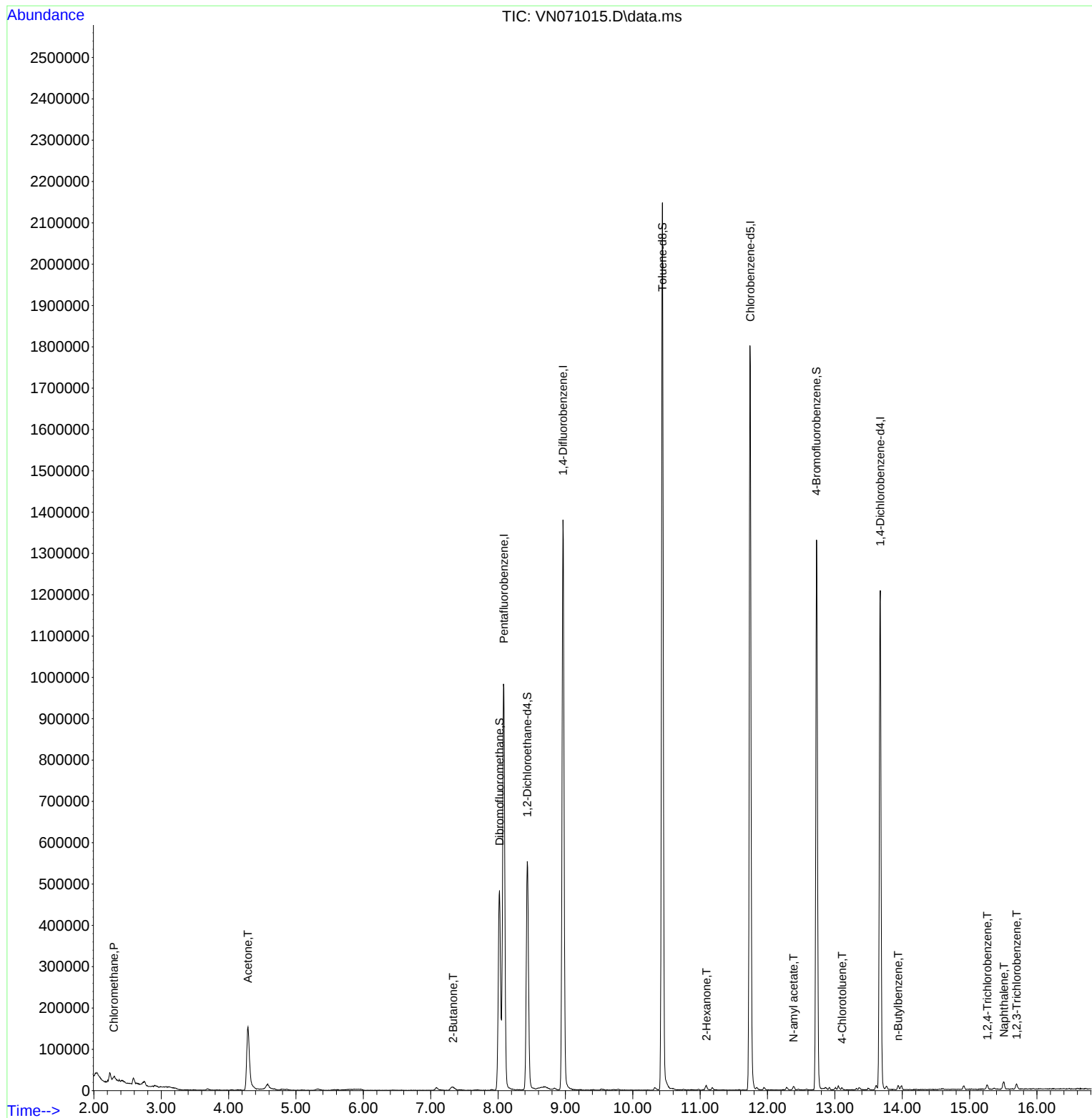
Internal Standards						
1) Pentafluorobenzene	8.086	168	775987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1225988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1076041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	354470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	463848	52.328	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.660%	
35) Dibromofluoromethane	8.022	113	359220	49.261	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.520%	
50) Toluene-d8	10.439	98	1480515	50.556	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.120%	
62) 4-Bromofluorobenzene	12.727	95	477095	45.578	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 91.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2472	0.244	ug/l	94
16) Acetone	4.287	43	286888	58.768	ug/l	97
25) 2-Butanone	7.334	43	11460	1.765	ug/l	99
59) 2-Hexanone	11.092	43	10116	1.197	ug/l	97
74) N-amyl acetate	12.386	43	6118	0.671	ug/l #	96
82) 4-Chlorotoluene	13.110	91	4123	0.218	ug/l	100
89) n-Butylbenzene	13.939	91	6155	0.318	ug/l	95
93) 1,2,4-Trichlorobenzene	15.262	180	3978	2.584	ug/l	89
95) Naphthalene	15.509	128	18079	6.017	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	5130	3.326	ug/l	94

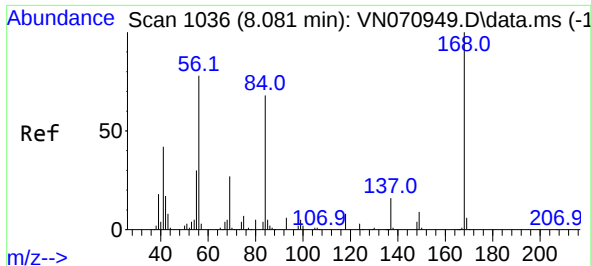
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
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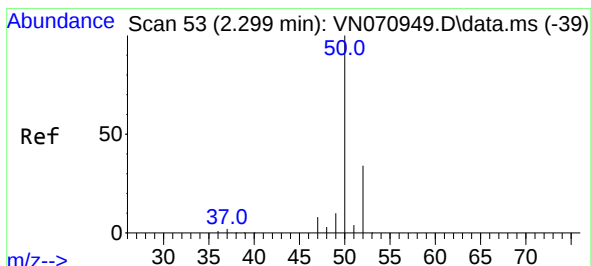
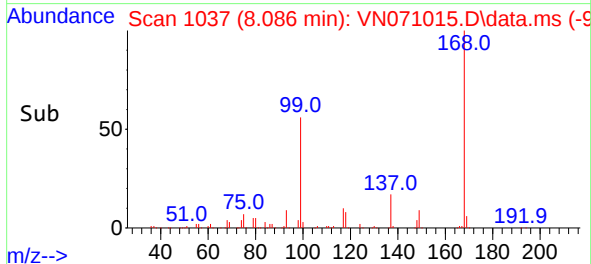
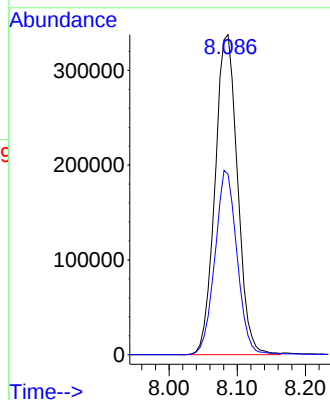
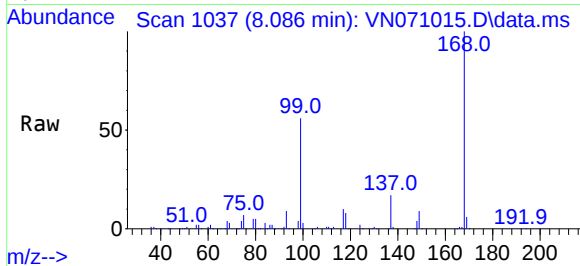




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071015.D
Acq: 18 Feb 2022 21:03

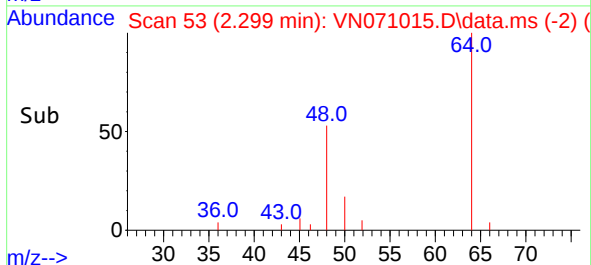
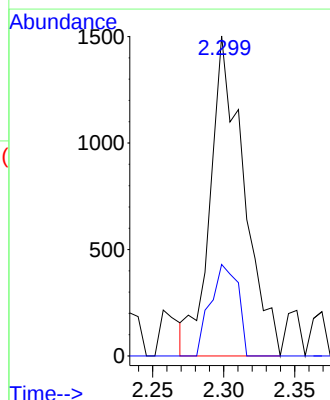
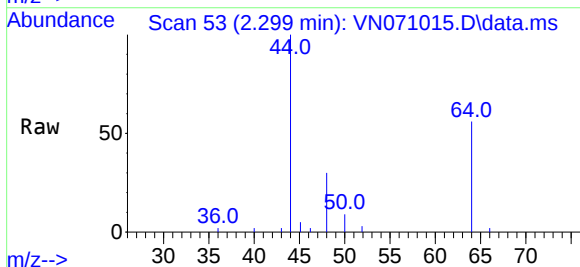
Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

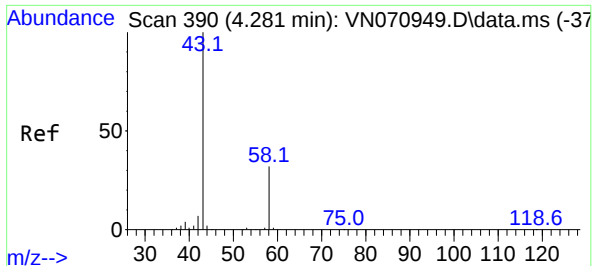
Tgt Ion:168 Resp: 775987
Ion Ratio Lower Upper
168 100
99 56.4 41.3 61.9



#3
Chloromethane
Concen: 0.244 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071015.D
Acq: 18 Feb 2022 21:03

Tgt Ion: 50 Resp: 2472
Ion Ratio Lower Upper
50 100
52 28.6 25.4 38.0

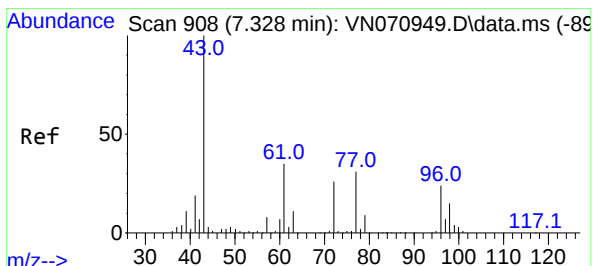
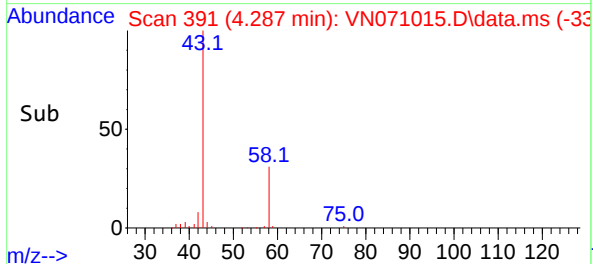
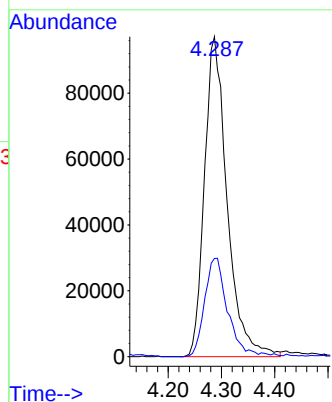
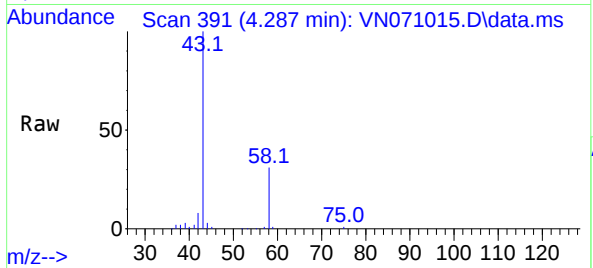




#16
Acetone
Concen: 58.768 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071015.D
Acq: 18 Feb 2022 21:03

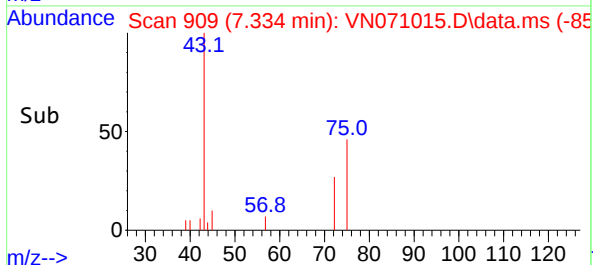
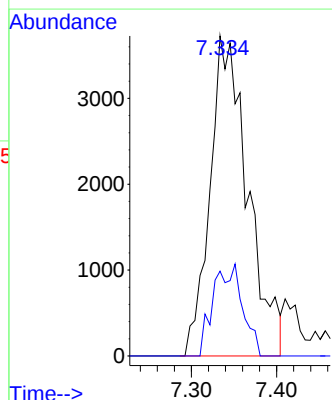
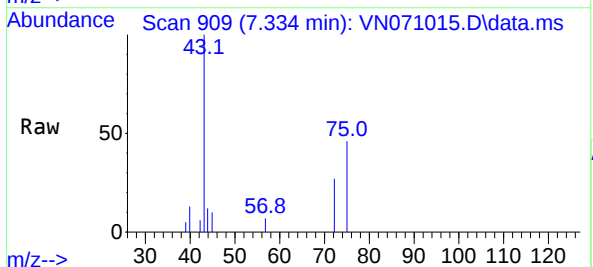
Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

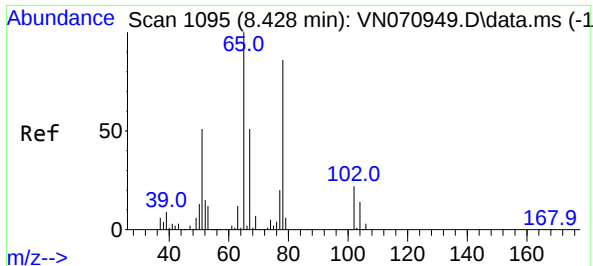
Tgt Ion: 43 Resp: 286888
Ion Ratio Lower Upper
43 100
58 30.7 23.1 34.7



#25
2-Butanone
Concen: 1.765 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071015.D
Acq: 18 Feb 2022 21:03

Tgt Ion: 43 Resp: 11460
Ion Ratio Lower Upper
43 100
72 26.5 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 52.328 ug/l

RT: 8.433 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN071015.D

Acq: 18 Feb 2022 21:03

Instrument :

MSVOA_N

ClientSampleId :

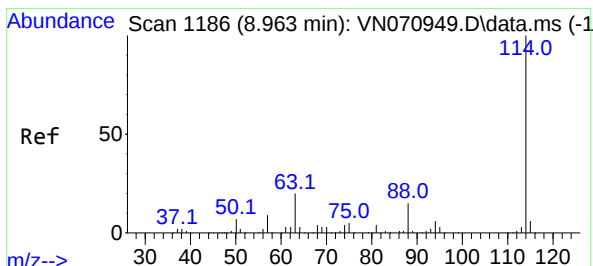
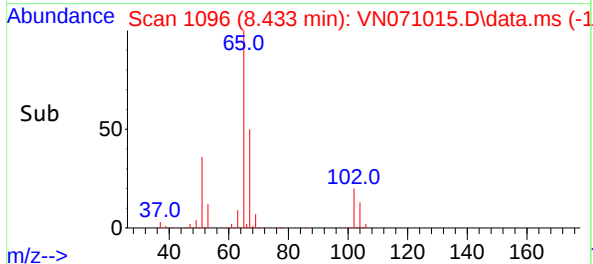
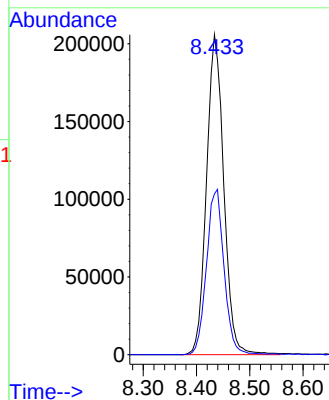
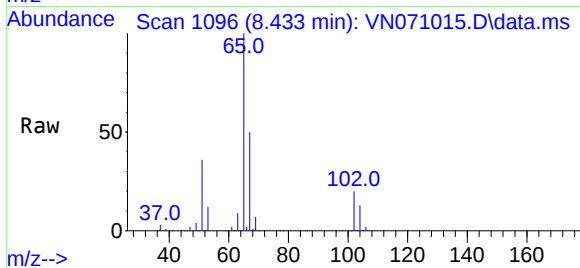
WATER-COMP

Tgt Ion: 65 Resp: 463848

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071015.D

Acq: 18 Feb 2022 21:03

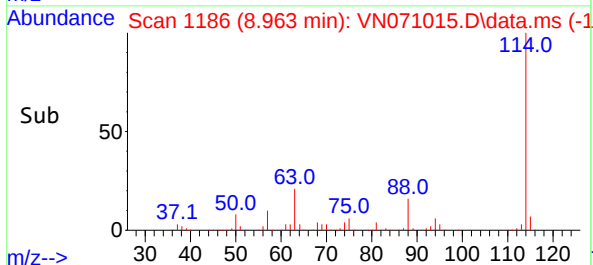
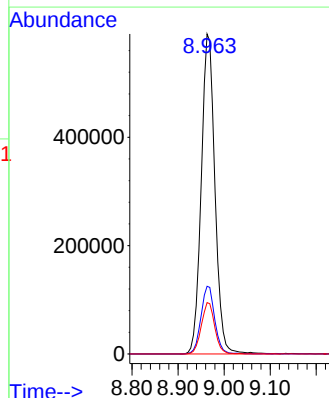
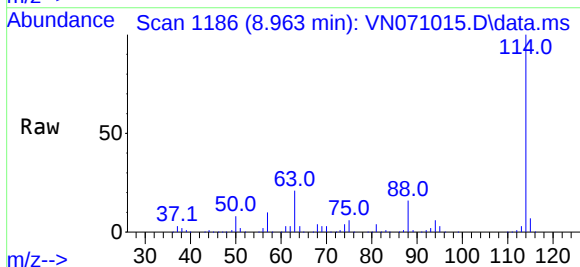
Tgt Ion: 114 Resp: 1225988

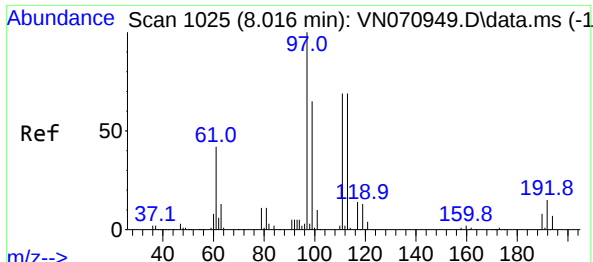
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.8

88 16.1 0.0 27.4

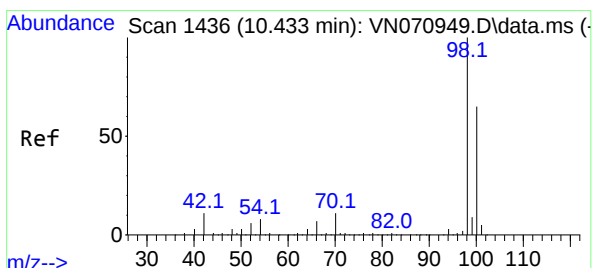
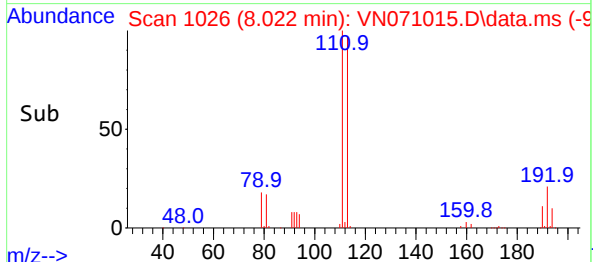
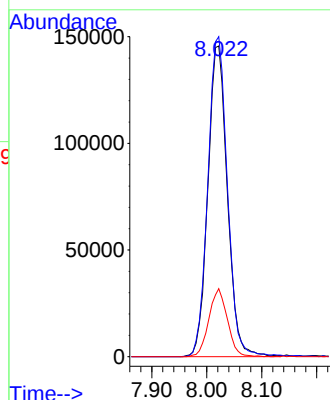
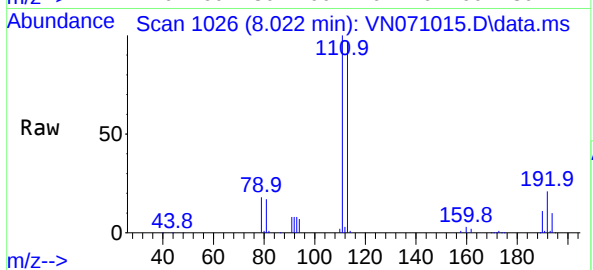




#35
Dibromofluoromethane
Concen: 49.261 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071015.D
Acq: 18 Feb 2022 21:03

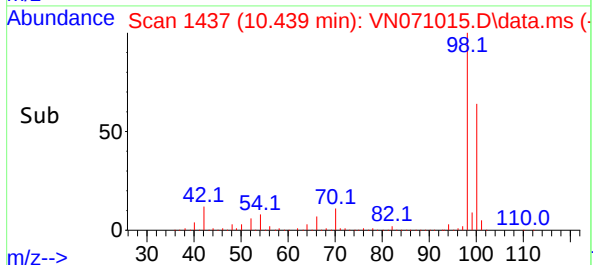
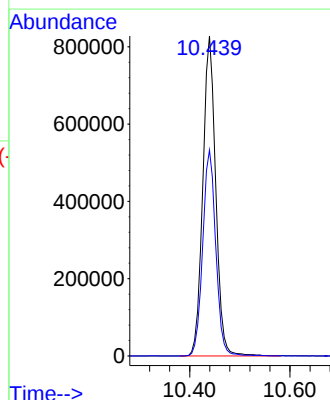
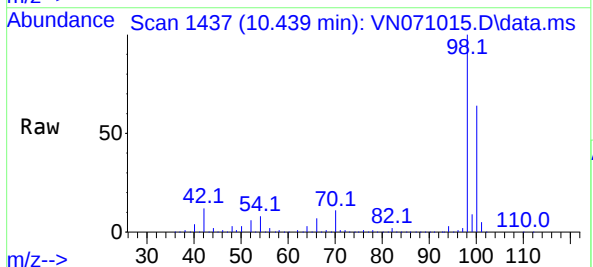
Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

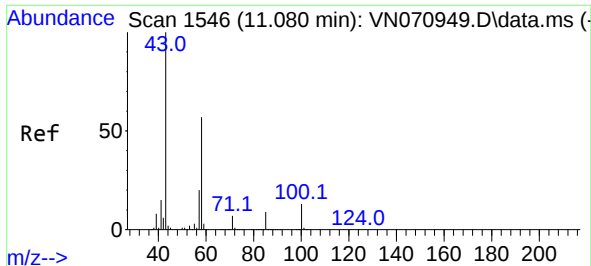
Tgt Ion:113 Resp: 359220
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 20.8 16.9 25.3



#50
Toluene-d8
Concen: 50.556 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071015.D
Acq: 18 Feb 2022 21:03

Tgt Ion: 98 Resp: 1480515
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6

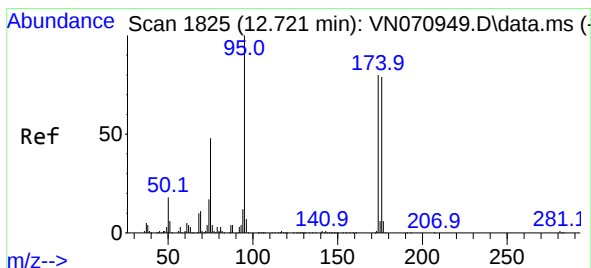
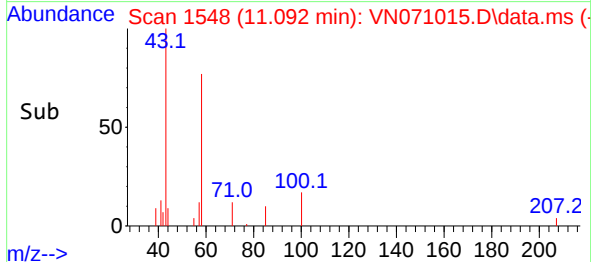
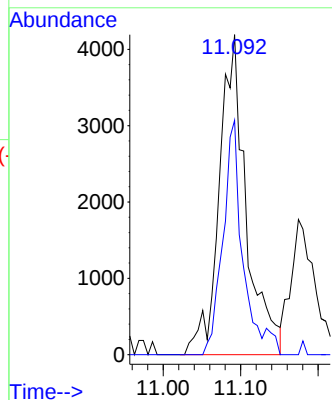
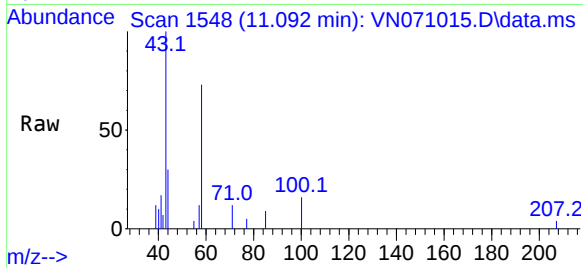




#59
2-Hexanone
Concen: 1.197 ug/l
RT: 11.092 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071015.D
Acq: 18 Feb 2022 21:03

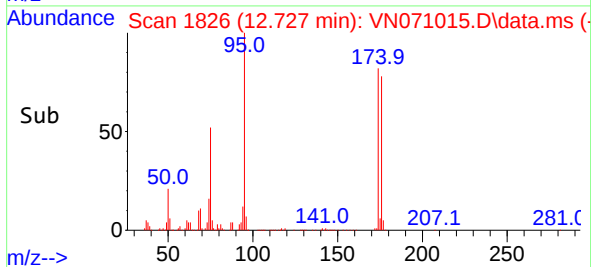
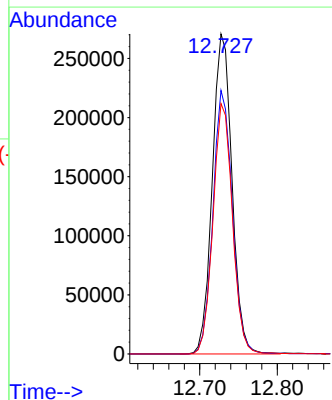
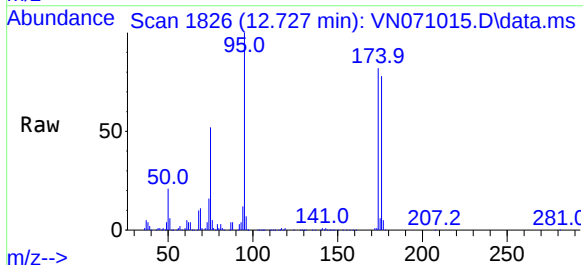
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WATER-COMP

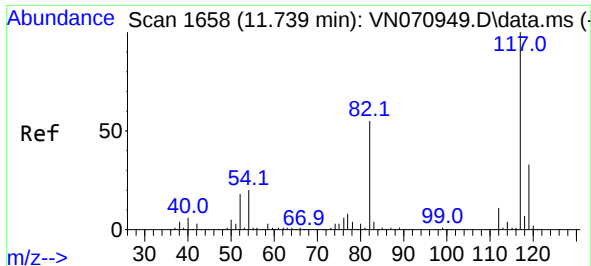
Tgt Ion: 43 Resp: 10116
Ion Ratio Lower Upper
43 100
58 51.4 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 45.578 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071015.D
Acq: 18 Feb 2022 21:03

Tgt Ion: 95 Resp: 477095
Ion Ratio Lower Upper
95 100
174 81.5 0.0 187.2
176 77.6 0.0 181.4

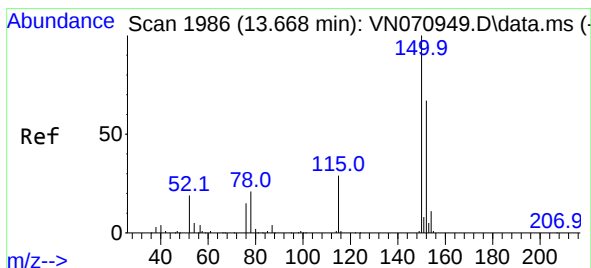
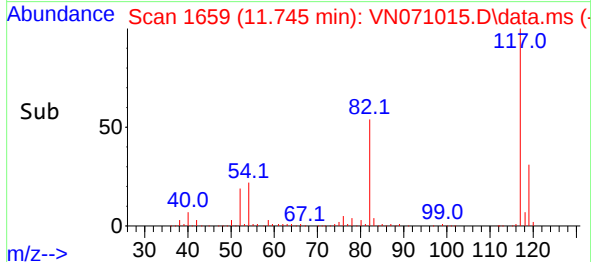
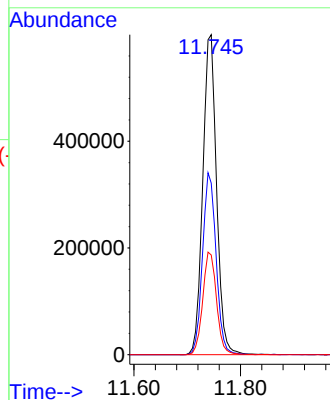
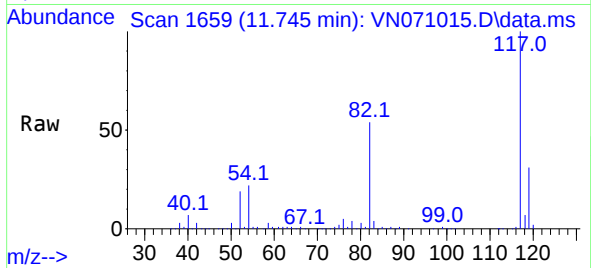




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN071015.D
Acq: 18 Feb 2022 21:03

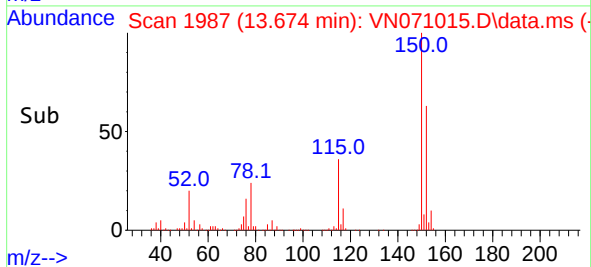
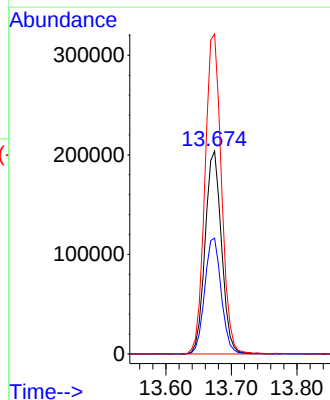
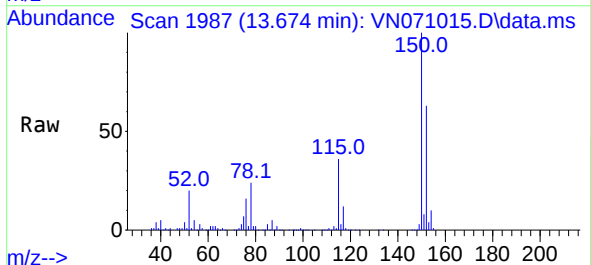
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WATER-COMP

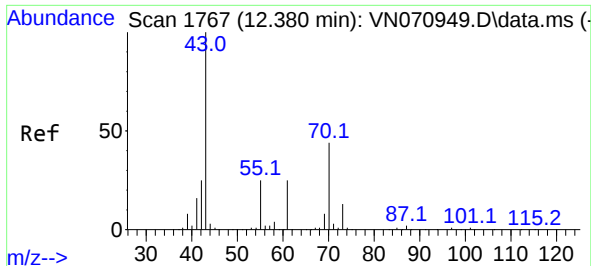
Tgt Ion:117 Resp: 1076041
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 31.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071015.D
Acq: 18 Feb 2022 21:03

Tgt Ion:152 Resp: 354470
Ion Ratio Lower Upper
152 100
115 57.8 27.5 82.5
150 159.0 0.0 344.4

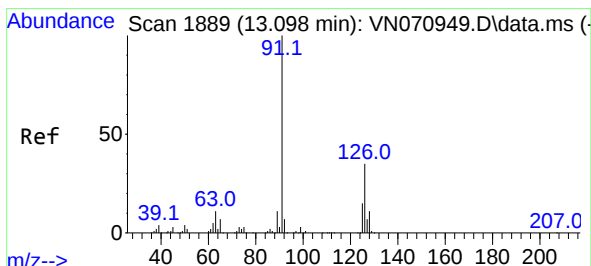
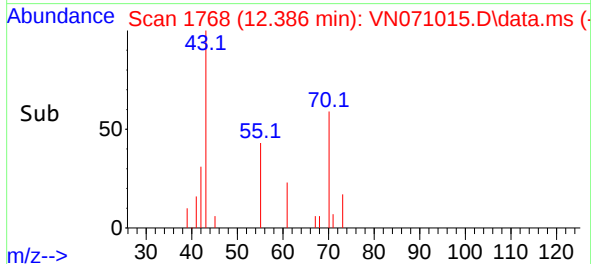
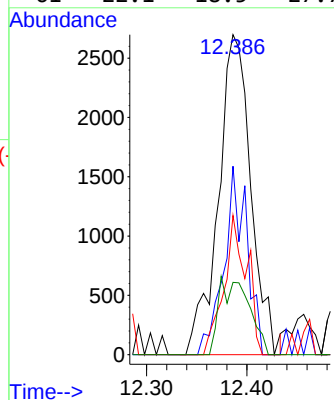
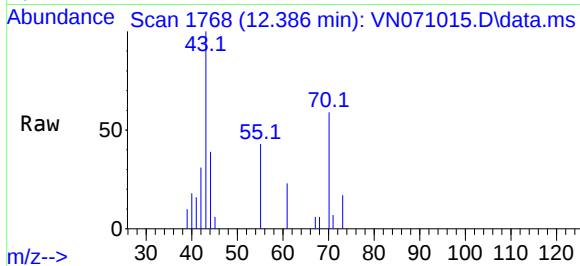




#74
N-amy1 acetate
Concen: 0.671 ug/l
RT: 12.386 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VN071015.D
Acq: 18 Feb 2022 21:03

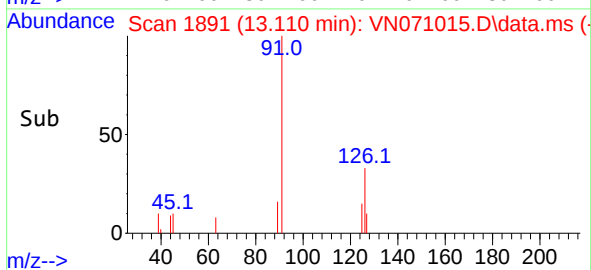
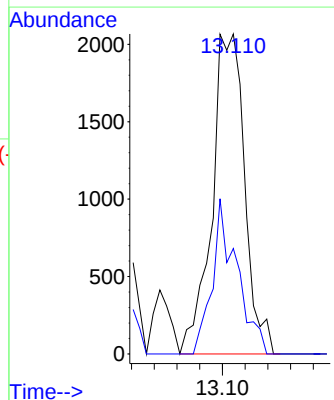
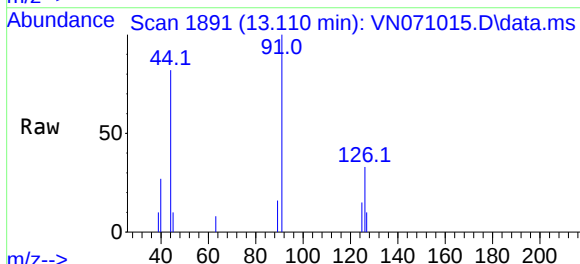
Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

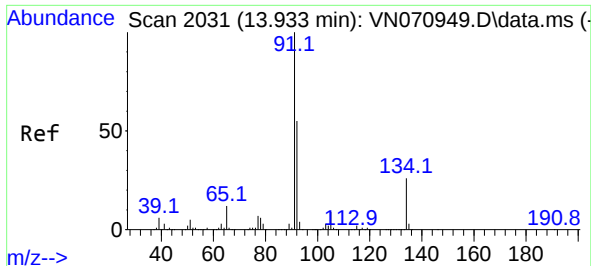
Tgt Ion: 43	Resp: 6118
Ion Ratio	Lower Upper
43 100	
70 41.2	33.4 50.0
55 30.5	19.3 28.9#
61 22.1	18.5 27.7



#82
4-Chlorotoluene
Concen: 0.218 ug/l
RT: 13.110 min Scan# 1891
Delta R.T. 0.012 min
Lab File: VN071015.D
Acq: 18 Feb 2022 21:03

Tgt Ion: 91	Resp: 4123		
Ion Ratio	Lower	Upper	
91 100			
126 36.5	18.2	54.6	

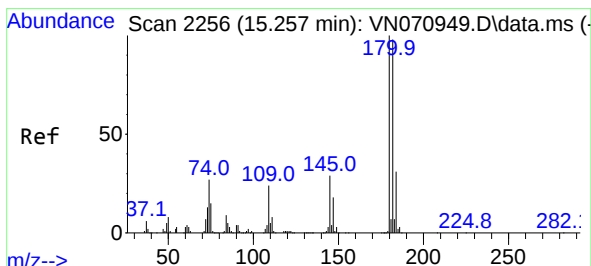
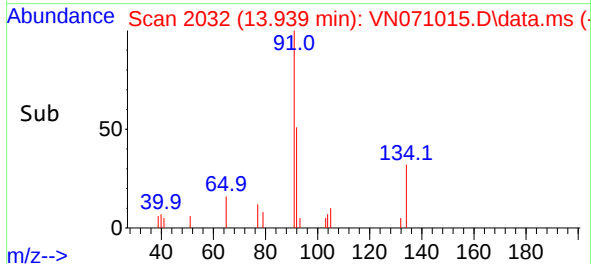
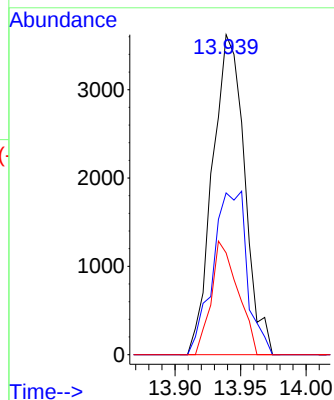
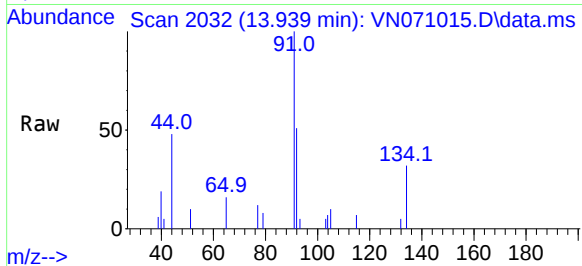




#89
n-Butylbenzene
Concen: 0.318 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN071015.D
Acq: 18 Feb 2022 21:03

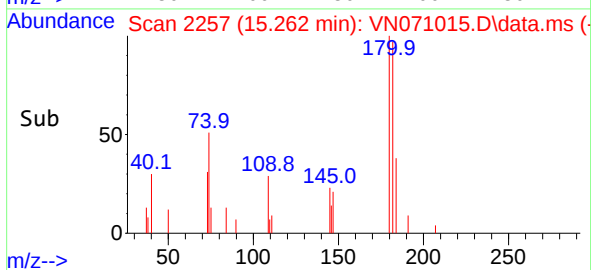
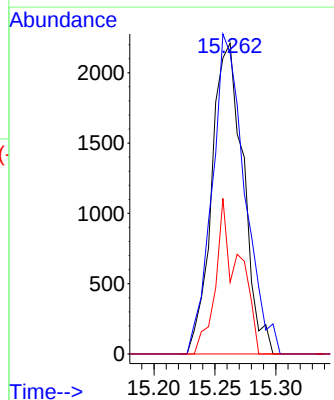
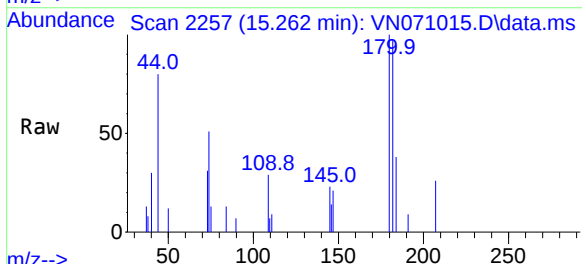
Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

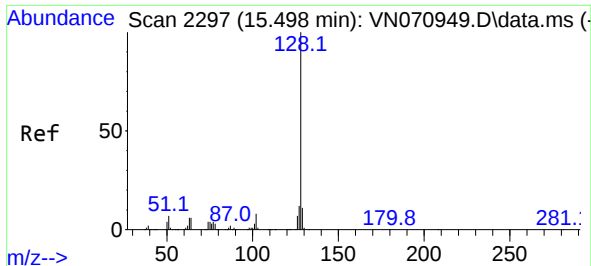
Tgt Ion: 91	Resp: 6155
Ion Ratio	Lower Upper
91 100	
92 54.3	25.4 76.0
134 29.4	13.6 40.8



#93
1,2,4-Trichlorobenzene
Concen: 2.584 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.005 min
Lab File: VN071015.D
Acq: 18 Feb 2022 21:03

Tgt Ion: 180	Resp: 3978
Ion Ratio	Lower Upper
180 100	
182 106.6	48.3 144.9
145 37.1	14.5 43.5

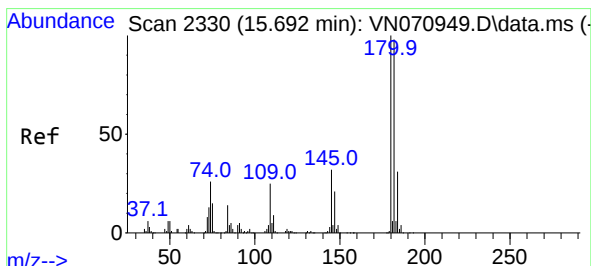
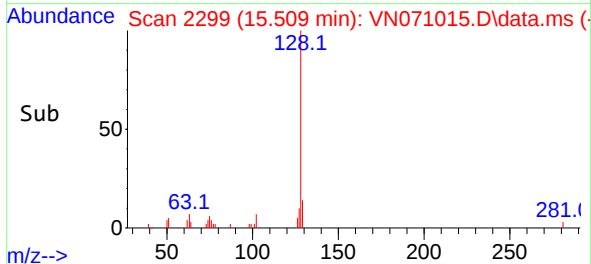
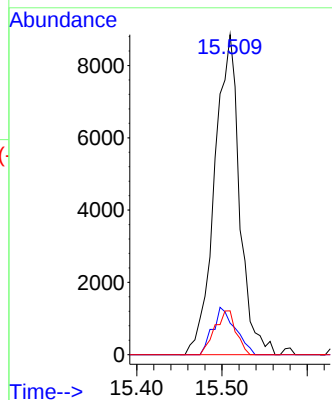
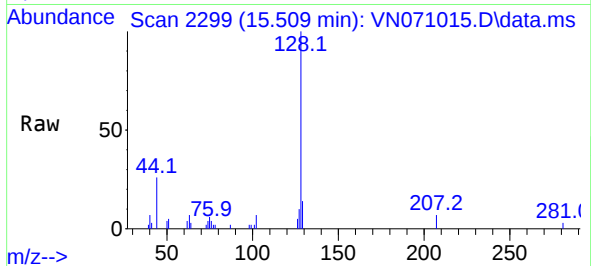




#95
Naphthalene
Concen: 6.017 ug/l
RT: 15.509 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN071015.D
Acq: 18 Feb 2022 21:03

Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

Tgt Ion:	128	Resp:	18079
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.6	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.326 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071015.D
Acq: 18 Feb 2022 21:03

Tgt Ion:	180	Resp:	5130
Ion	Ratio	Lower	Upper
180	100		
182	101.5	47.4	142.2
145	30.9	15.0	45.1

