

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071355.D
 Acq On : 17 Mar 2022 16:46
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 18 07:01:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

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

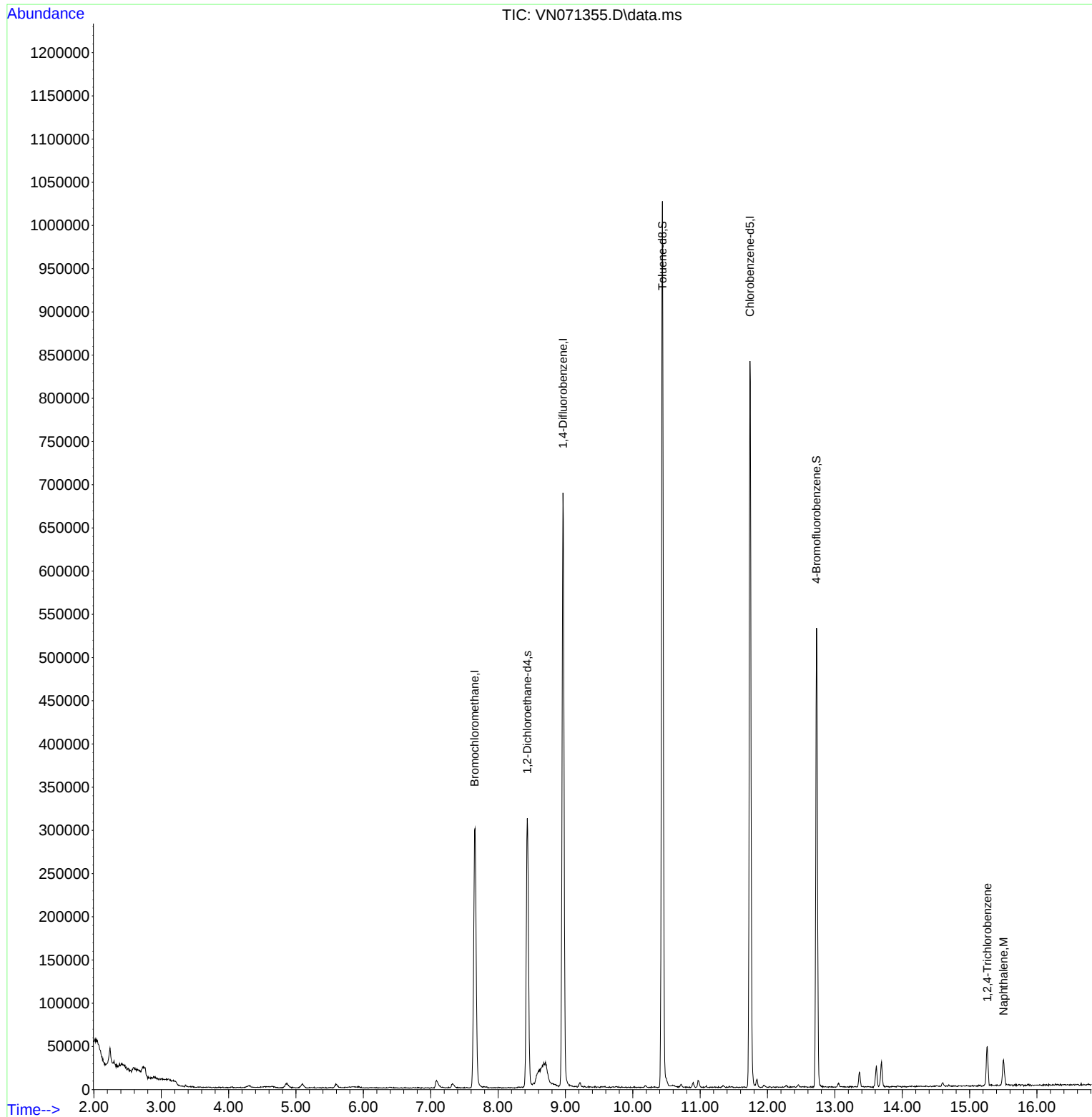
Internal Standards						
1) Bromochloromethane	7.651	128	110077	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	594693	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	493136	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	260063	29.757	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.200%
60) 4-Bromofluorobenzene	12.727	95	186605	24.493	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.633%
63) Toluene-d8	10.439	98	698618	30.796	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.667%
Target Compounds						
					Qvalue	
89) 1,2,4-Trichlorobenzene	15.262	180	16149	3.164	ug/l	96
91) Naphthalene	15.504	128	28463	1.782	ug/l #	92

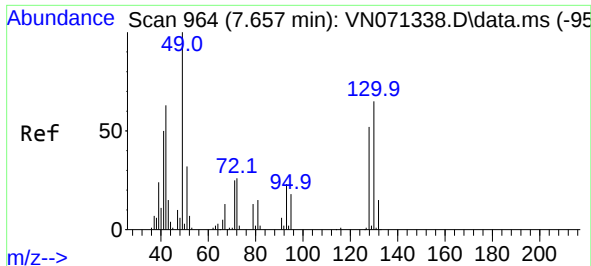
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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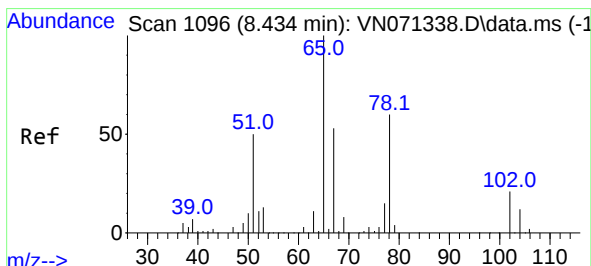
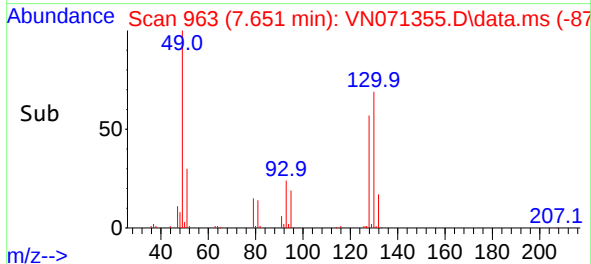
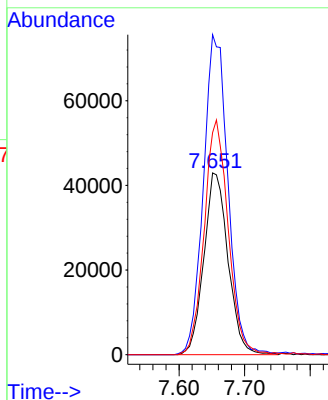
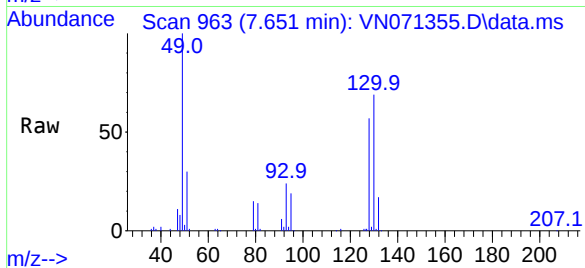




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN071355.D
Acq: 17 Mar 2022 16:46

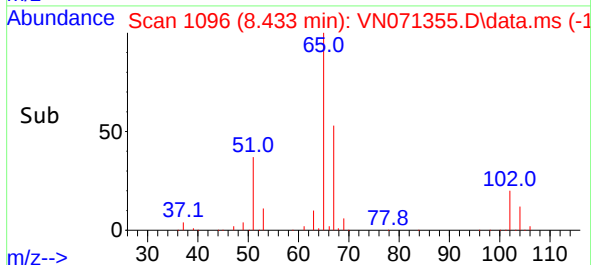
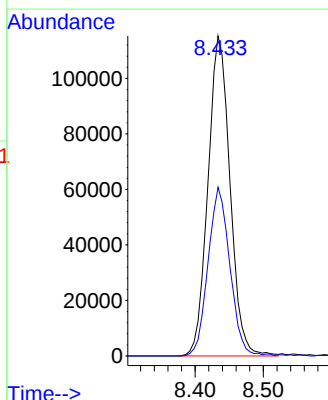
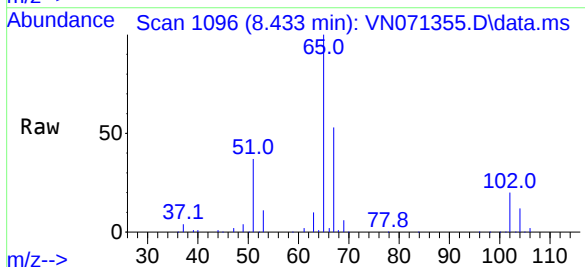
Instrument :
MSVOA_N
ClientSampleId :
IBLK

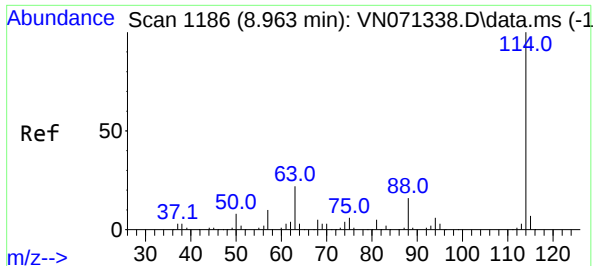
Tgt Ion:128 Resp: 110077
Ion Ratio Lower Upper
128 100
49 177.8 0.0 392.3
130 127.6 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 29.757 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071355.D
Acq: 17 Mar 2022 16:46

Tgt Ion: 65 Resp: 260063
Ion Ratio Lower Upper
65 100
67 51.9 40.2 60.2



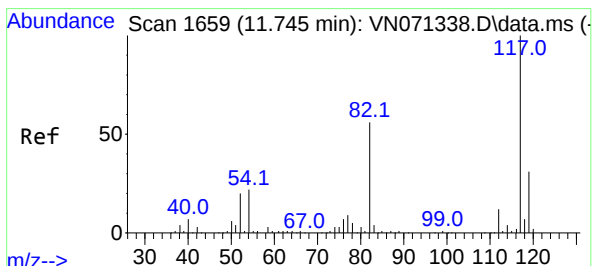
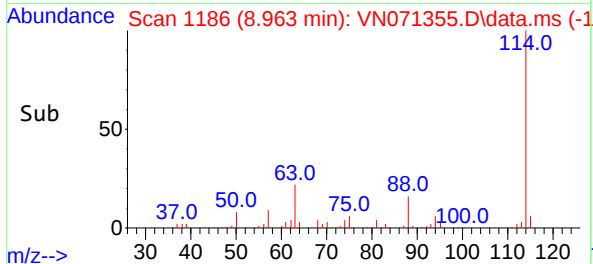
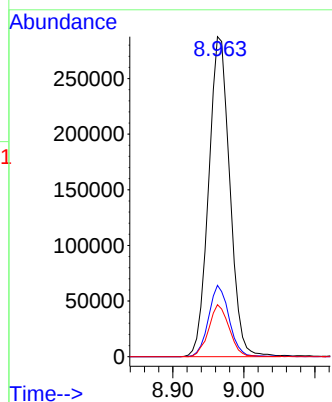
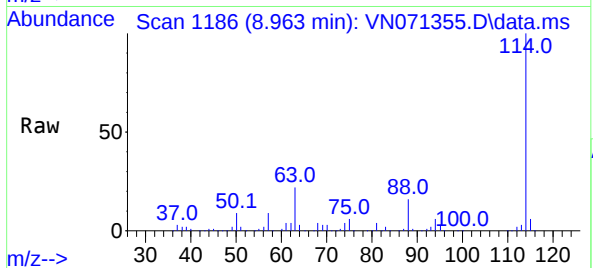


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071335.D
Acq: 17 Mar 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 594693

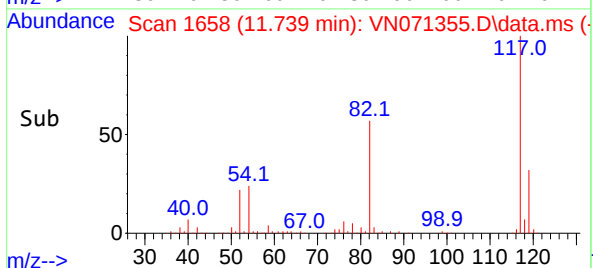
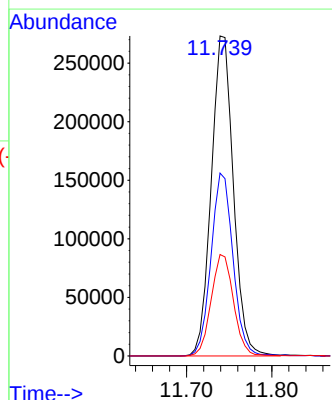
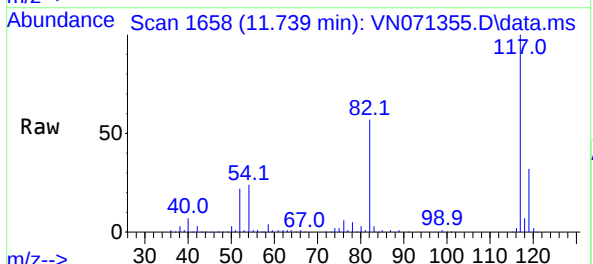
Ion	Ratio	Lower	Upper
114	100		
63	21.6	15.8	23.6
88	15.8	11.6	17.4

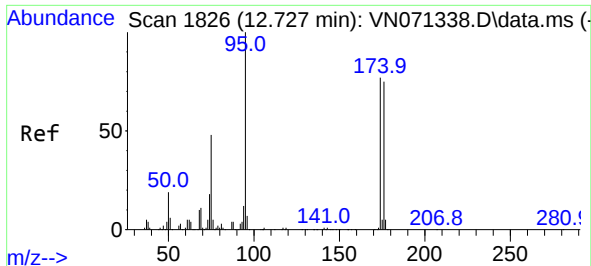


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VN071355.D
Acq: 17 Mar 2022 16:46

Tgt Ion:117 Resp: 493136

Ion	Ratio	Lower	Upper
117	100		
82	56.9	43.6	65.4
119	32.0	25.8	38.6

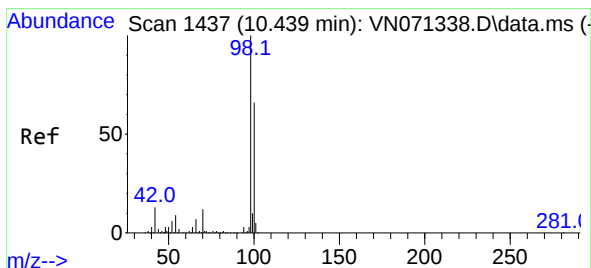
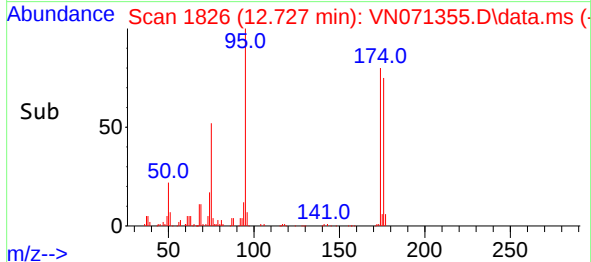
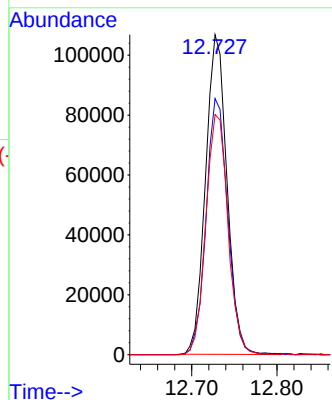
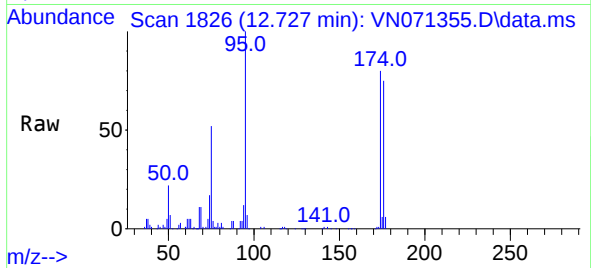




#60
4-Bromofluorobenzene
Concen: 24.493 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071355.D
Acq: 17 Mar 2022 16:46

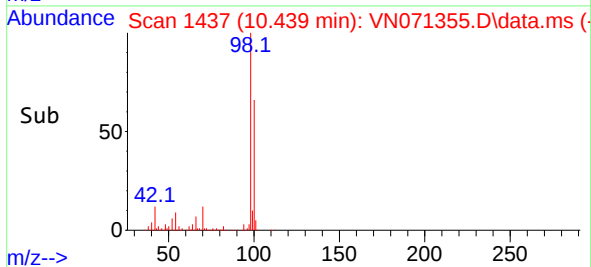
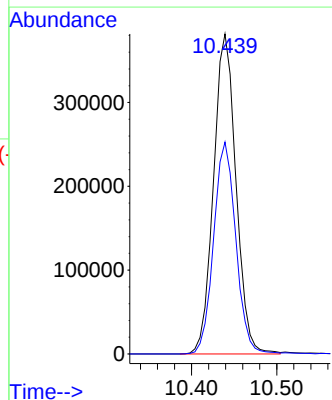
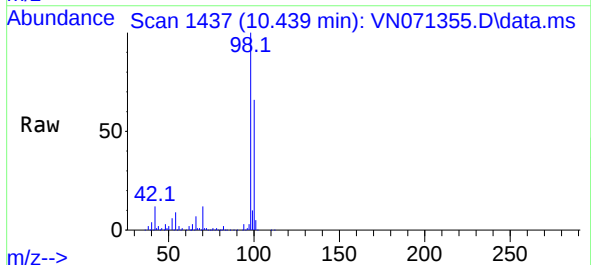
Instrument :
MSVOA_N
ClientSampleId :
IBLK

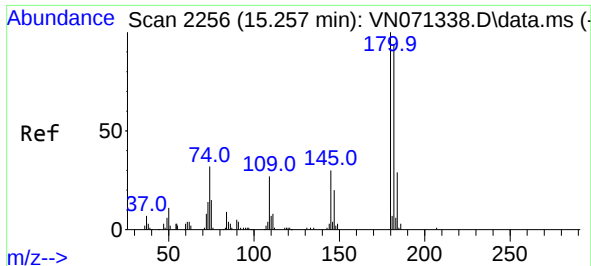
Tgt Ion: 95 Resp: 186605
Ion Ratio Lower Upper
95 100
174 80.7 62.9 94.3
176 77.5 61.0 91.4



#63
Toluene-d8
Concen: 30.796 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071355.D
Acq: 17 Mar 2022 16:46

Tgt Ion: 98 Resp: 698618
Ion Ratio Lower Upper
98 100
100 65.3 50.6 76.0





#89

1,2,4-Trichlorobenzene

Concen: 3.164 ug/l

RT: 15.262 min Scan# 2257

Delta R.T. 0.006 min

Lab File: VN071355.D

Acq: 17 Mar 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK

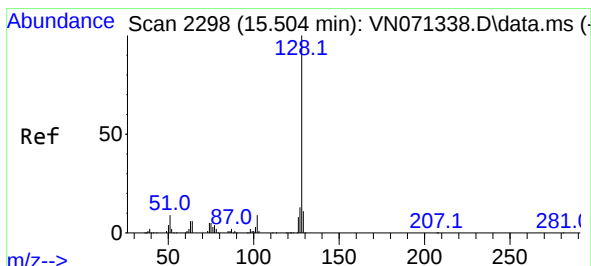
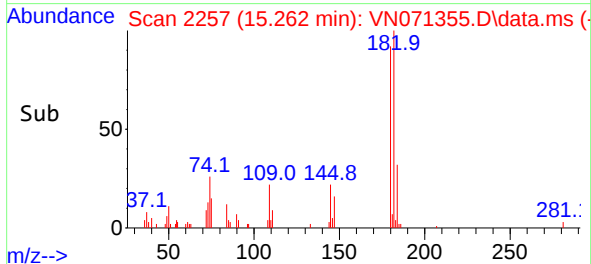
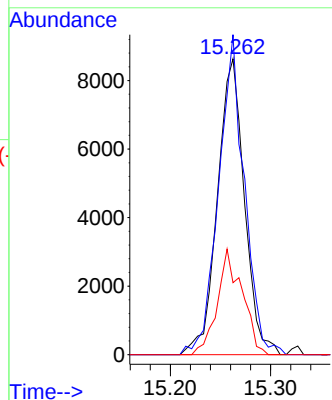
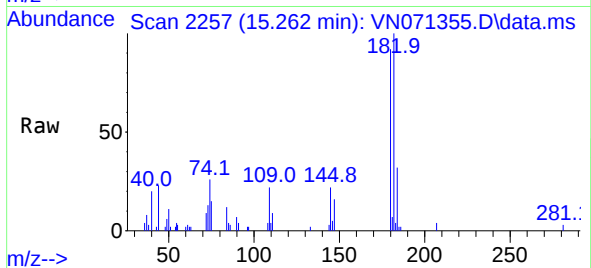
Tgt Ion:180 Resp: 16149

Ion Ratio Lower Upper

180 100

182 101.9 77.7 116.5

145 32.9 26.6 39.8



#91

Naphthalene

Concen: 1.782 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VN071355.D

Acq: 17 Mar 2022 16:46

Tgt Ion:128 Resp: 28463

Ion Ratio Lower Upper

128 100

127 9.4 10.7 16.1#

129 9.1 9.0 13.6

