

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075916.D
 Acq On : 21 Dec 2022 13:53
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 22 03:01:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

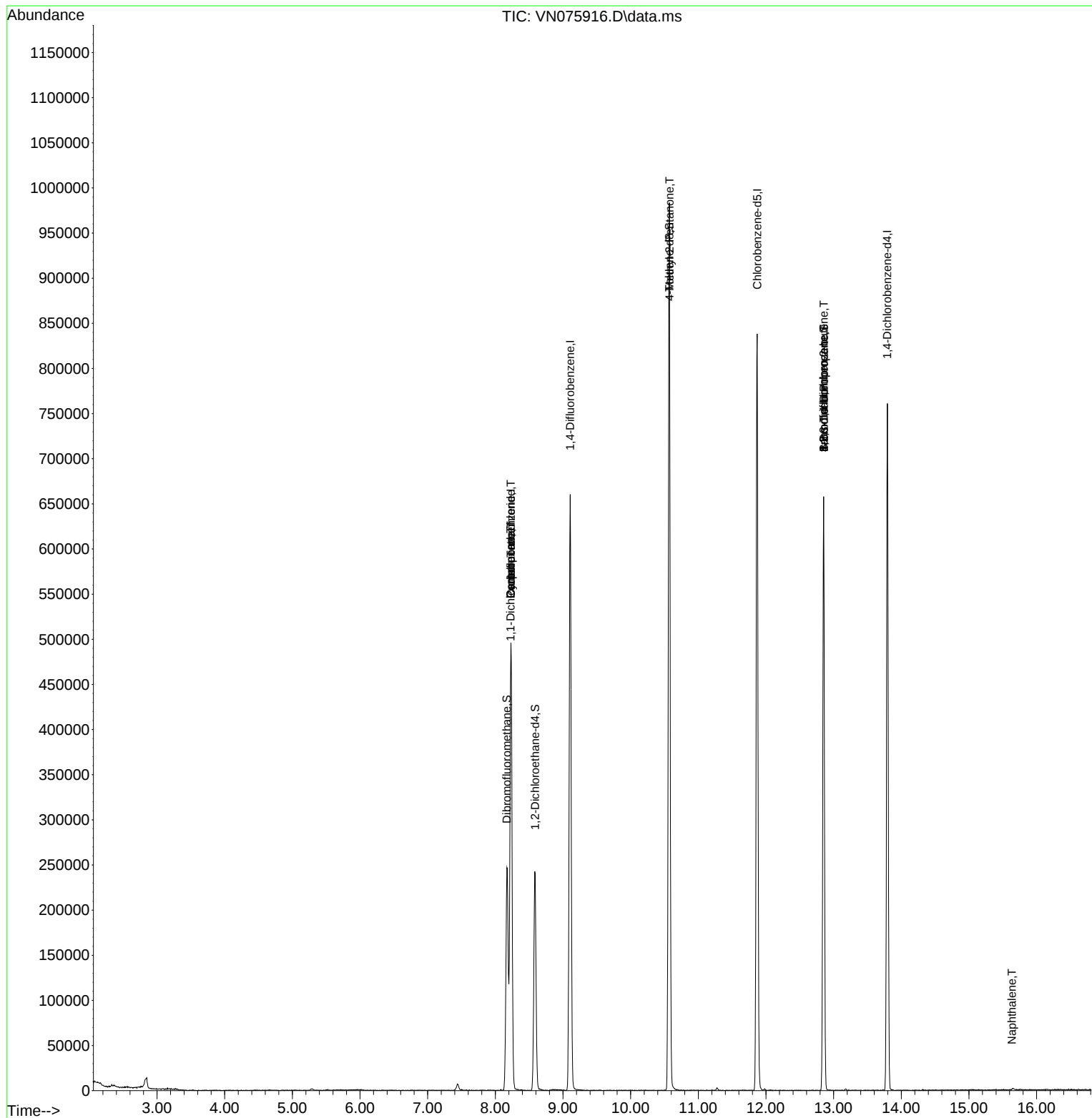
Internal Standards						
1) Pentafluorobenzene	8.230	168	391725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	612659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	522966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	197024	46.232	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.460%		
35) Dibromofluoromethane	8.171	113	177048	46.664	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.320%		
50) Toluene-d8	10.571	98	695944	49.059	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.120%		
62) 4-Bromofluorobenzene	12.853	95	215006	45.761	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.520%		
Target Compounds						
20) Methylene Chloride	5.295	84	1103	Below Cal	#	57
31) Cyclohexane	8.230	56	7709	1.263	ug/l #	19
36) 1,1-Dichloropropene	8.224	75	27866	5.529	ug/l #	49
38) Carbon Tetrachloride	8.230	117	37351	6.621	ug/l #	17
51) 4-Methyl-2-Pentanone	10.577	43	2733	0.677	ug/l #	1
71) Bromoform	12.853	173	1683	0.582	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	110423	25.240	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	110423	90.852	ug/l #	12
95) Naphthalene	15.635	128	1561	2.304	ug/l #	79

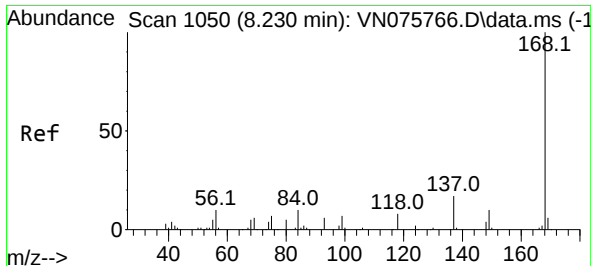
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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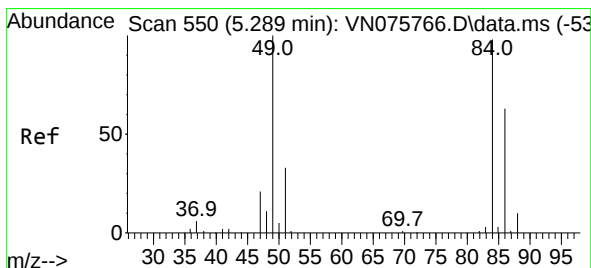
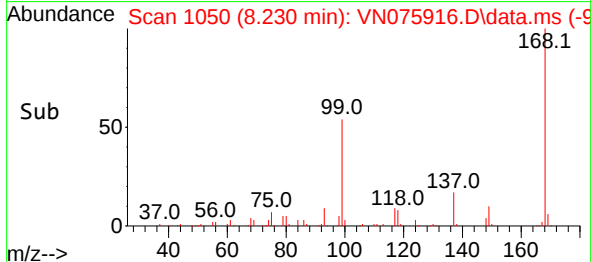
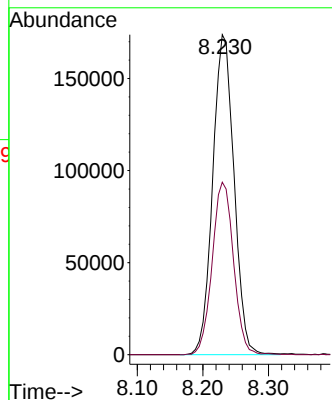
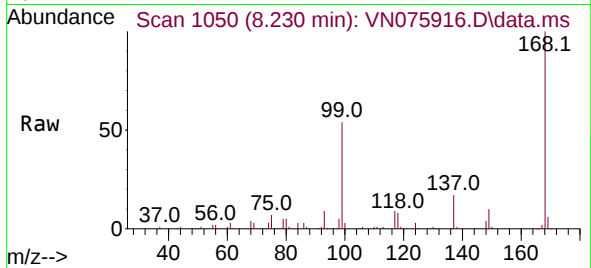




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075916.D
Acq: 21 Dec 2022 13:53

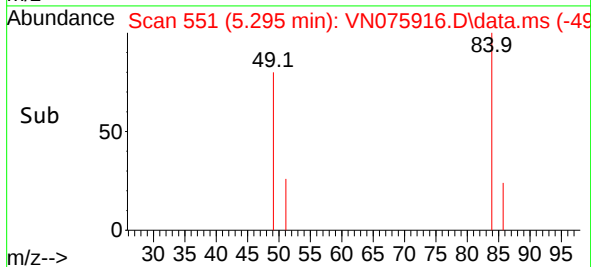
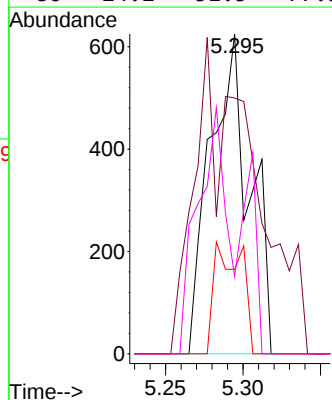
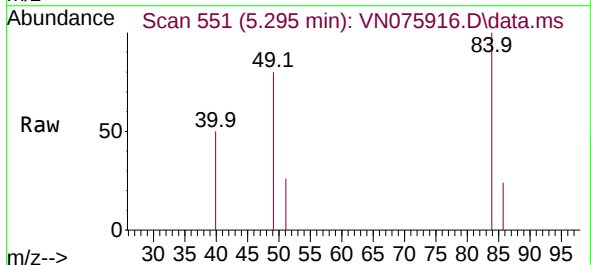
Instrument :
MSVOA_N
ClientSampleId :
IBLK

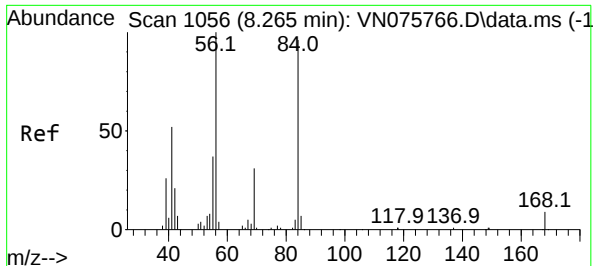
Tgt Ion:168 Resp: 391725
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN075916.D
Acq: 21 Dec 2022 13:53

Tgt Ion: 84 Resp: 1103
Ion Ratio Lower Upper
84 100
49 54.4 81.8 122.6#
51 26.4 26.7 40.1#
86 24.2 51.5 77.3#





#31

Cyclohexane

Concen: 1.263 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.035 min

Lab File: VN075916.D

Acq: 21 Dec 2022 13:53

Instrument :

MSVOA_N

ClientSampleId :

IBLK

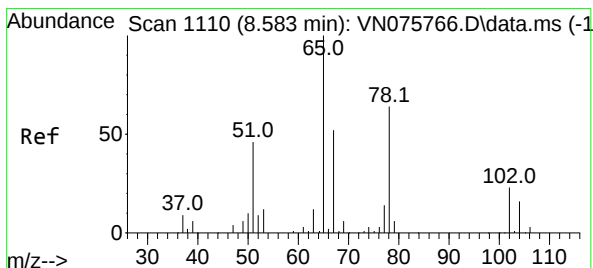
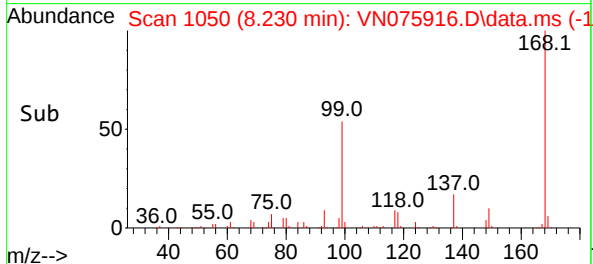
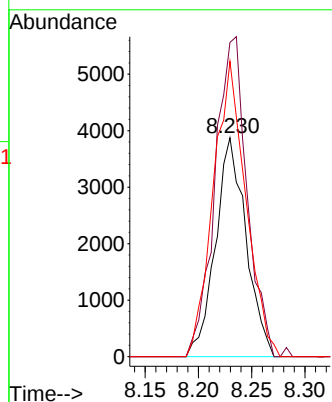
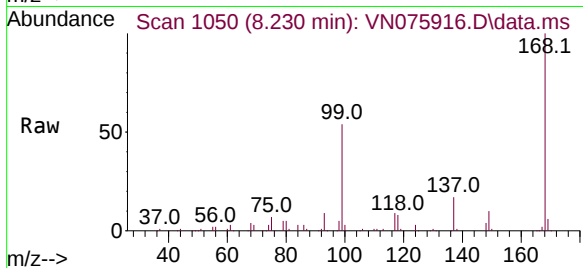
Tgt Ion: 56 Resp: 7709

Ion Ratio Lower Upper

56 100

69 143.6 24.7 37.1#

84 135.0 76.5 114.7#



#33

1,2-Dichloroethane-d4

Concen: 46.232 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075916.D

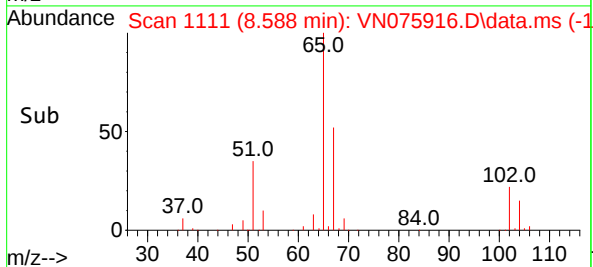
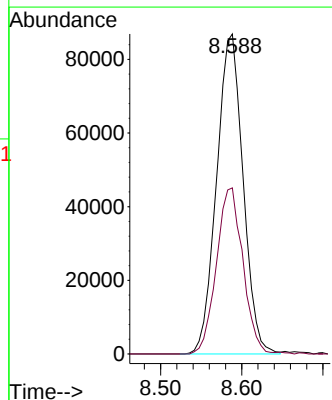
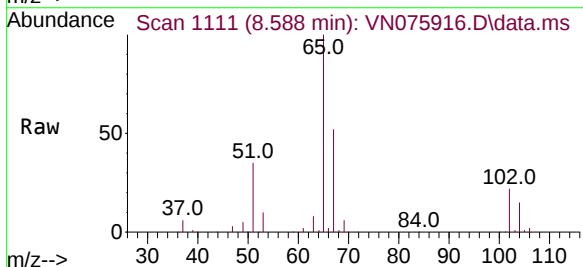
Acq: 21 Dec 2022 13:53

Tgt Ion: 65 Resp: 197024

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075916.D

Acq: 21 Dec 2022 13:53

Instrument :

MSVOA_N

ClientSampleId :

IBLK

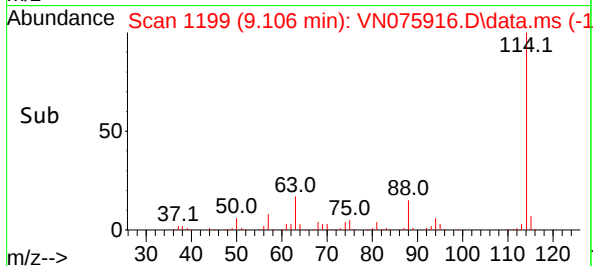
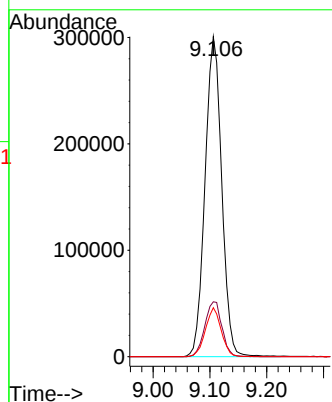
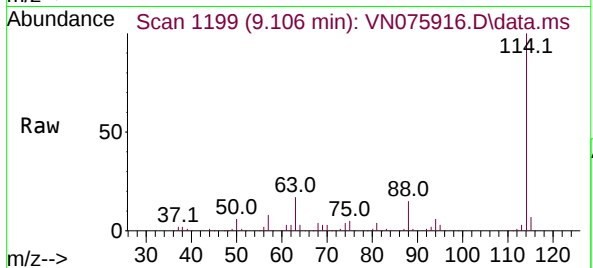
Tgt Ion:114 Resp: 612659

Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.4

88 15.3 0.0 28.8



#35

Dibromofluoromethane

Concen: 46.664 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075916.D

Acq: 21 Dec 2022 13:53

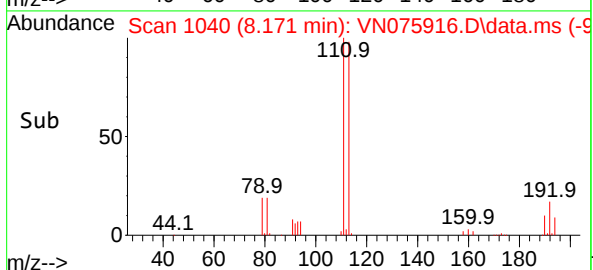
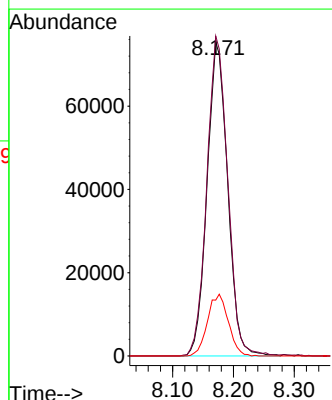
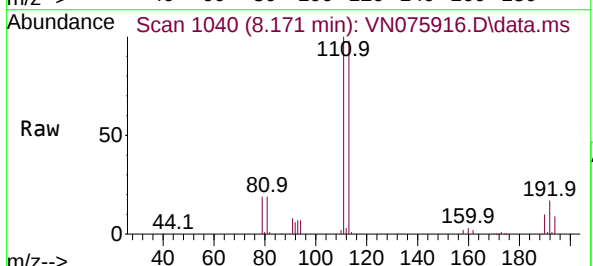
Tgt Ion:113 Resp: 177048

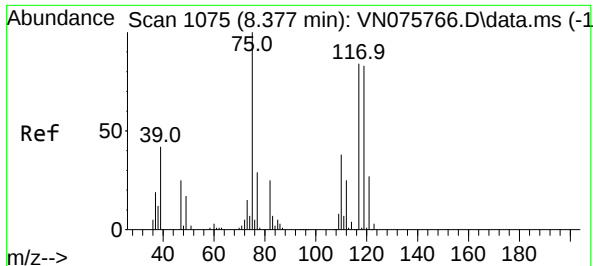
Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

192 19.9 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.529 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.153 min

Lab File: VN075916.D

Acq: 21 Dec 2022 13:53

Instrument :

MSVOA_N

ClientSampleId :

IBLK

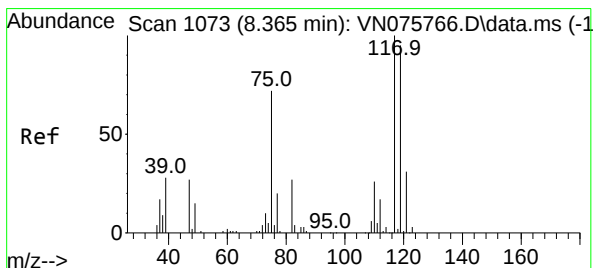
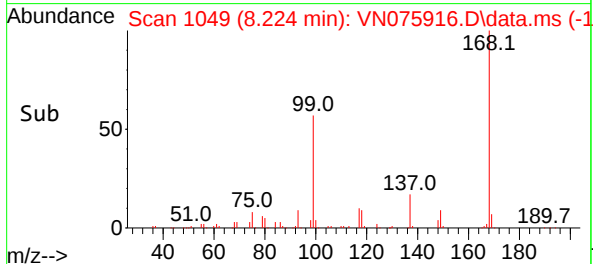
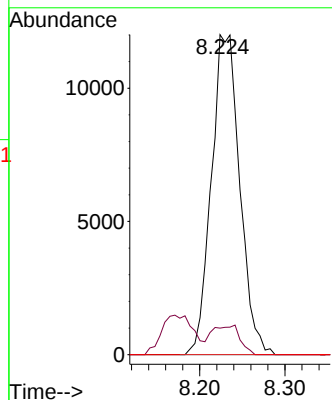
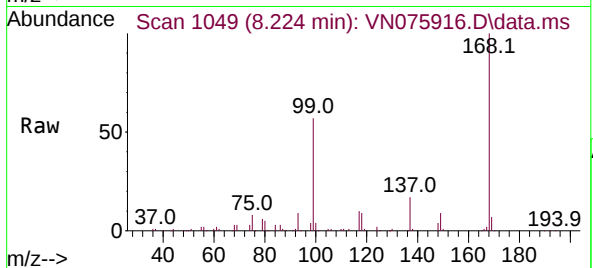
Tgt Ion: 75 Resp: 27866

Ion Ratio Lower Upper

75 100

110 8.9 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.621 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075916.D

Acq: 21 Dec 2022 13:53

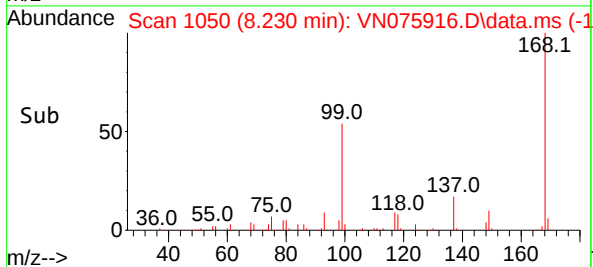
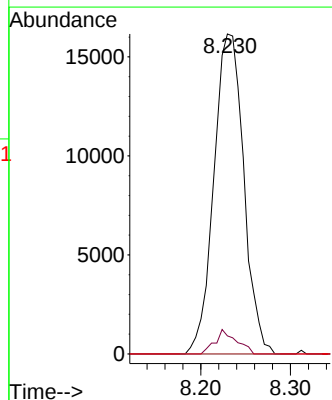
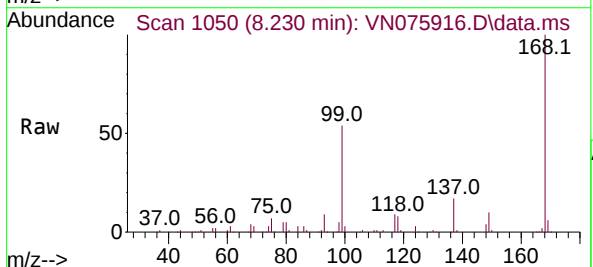
Tgt Ion: 117 Resp: 37351

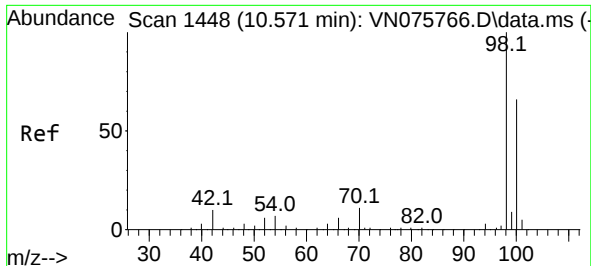
Ion Ratio Lower Upper

117 100

119 5.7 76.1 114.1#

121 0.0 24.5 36.7#

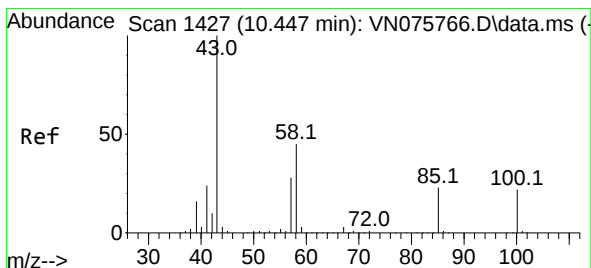
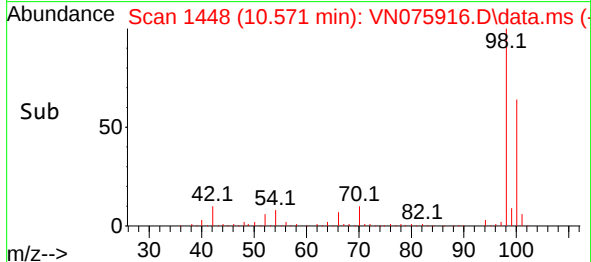
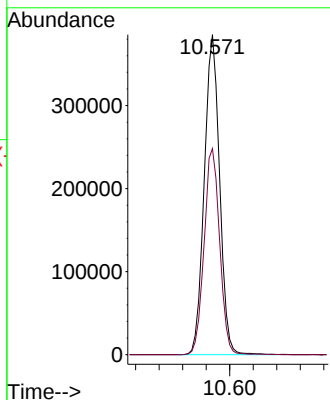
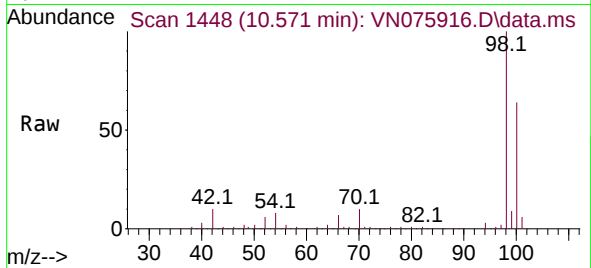




#50
Toluene-d8
Concen: 49.059 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075916.D
Acq: 21 Dec 2022 13:53

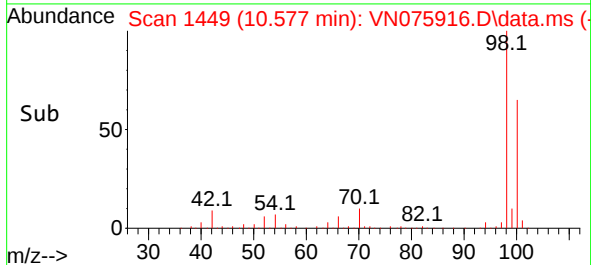
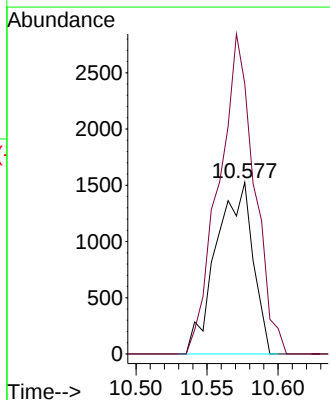
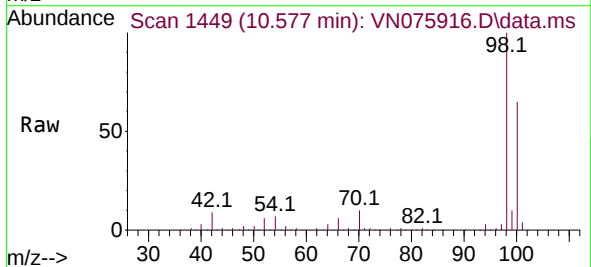
Instrument :
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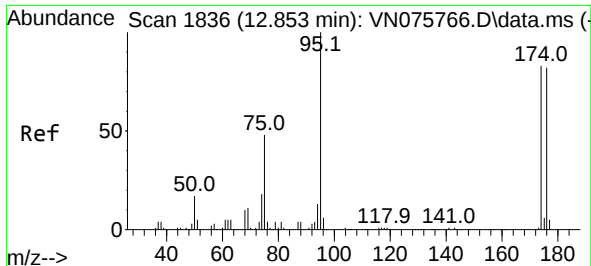
Tgt Ion: 98 Resp: 695944
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.677 ug/l
RT: 10.577 min Scan# 1449
Delta R.T. 0.129 min
Lab File: VN075916.D
Acq: 21 Dec 2022 13:53

Tgt Ion: 43 Resp: 2733
Ion Ratio Lower Upper
43 100
58 181.4 35.5 53.3#

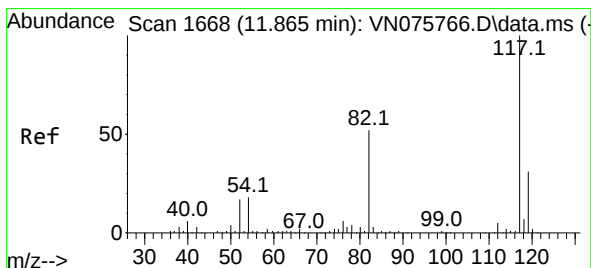
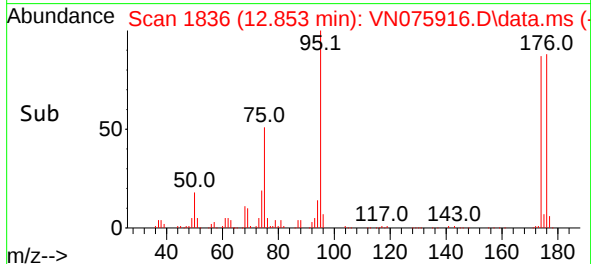
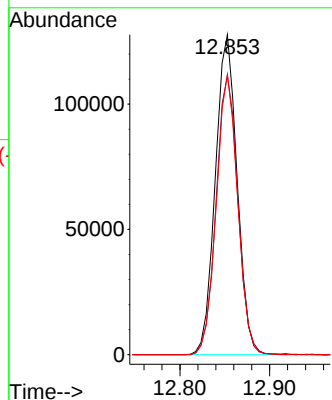
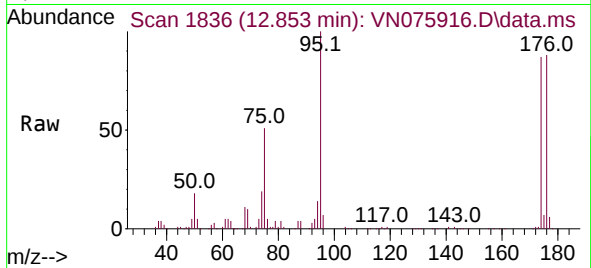




#62
4-Bromofluorobenzene
Concen: 45.761 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075916.D
Acq: 21 Dec 2022 13:53

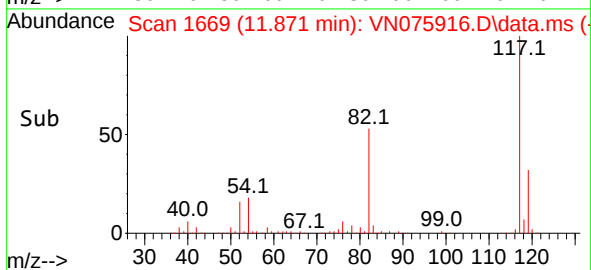
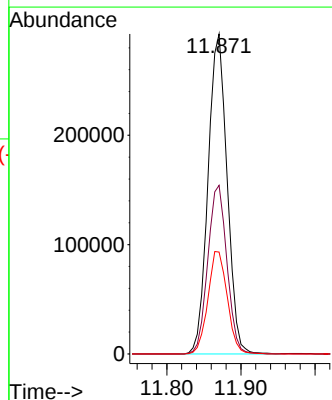
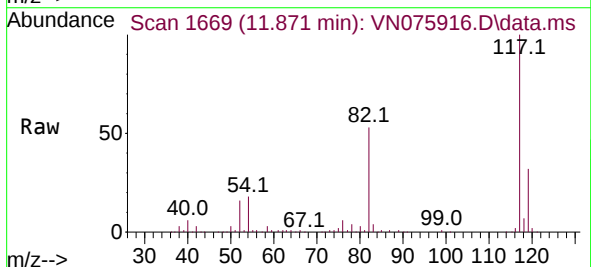
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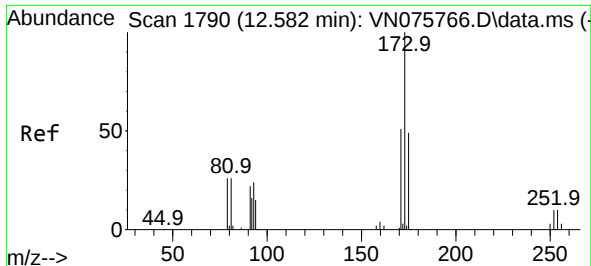
Tgt Ion: 95 Resp: 215006
Ion Ratio Lower Upper
95 100
174 87.1 0.0 171.6
176 85.8 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075916.D
Acq: 21 Dec 2022 13:53

Tgt Ion: 117 Resp: 522966
Ion Ratio Lower Upper
117 100
82 52.7 41.3 61.9
119 31.8 24.6 37.0

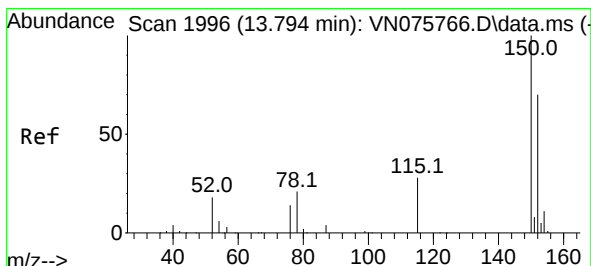
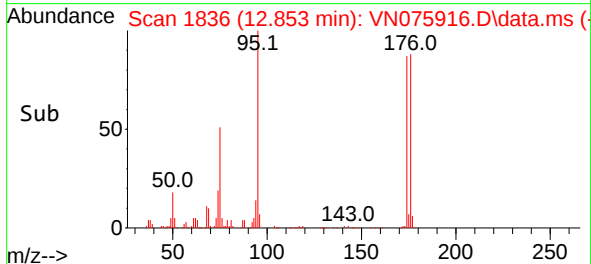
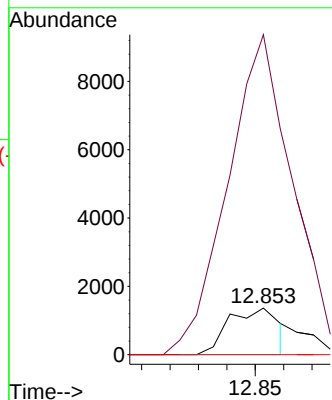
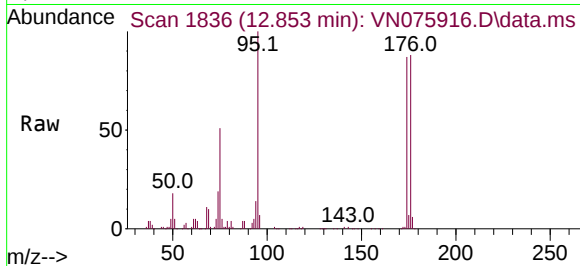




#71
Bromoform
Concen: 0.582 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075916.D
Acq: 21 Dec 2022 13:53

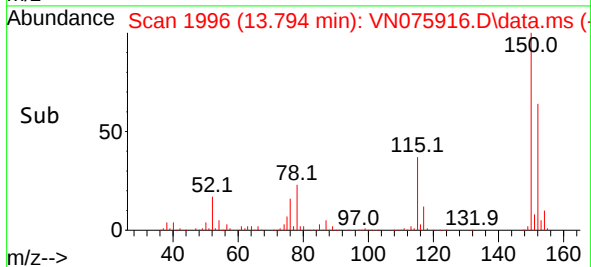
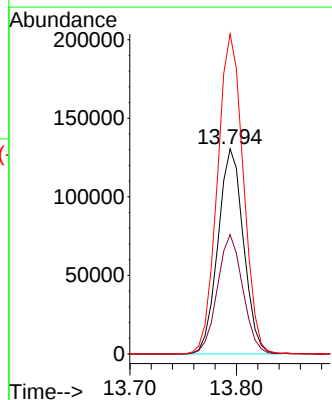
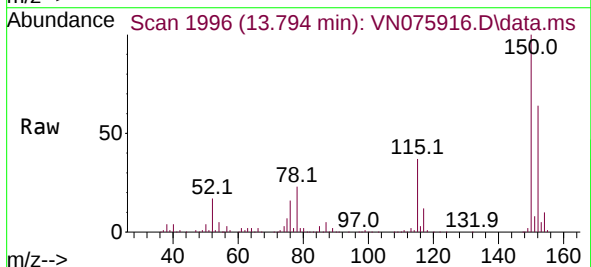
Instrument :
MSVOA_N
ClientSampleId :
IBLK

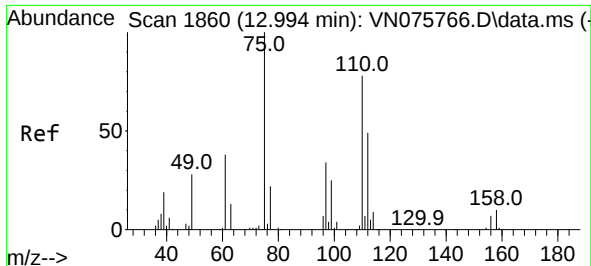
Tgt Ion:173 Resp: 1683
Ion Ratio Lower Upper
173 100
175 711.8 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075916.D
Acq: 21 Dec 2022 13:53

Tgt Ion:152 Resp: 217034
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.4
150 158.5 0.0 347.0

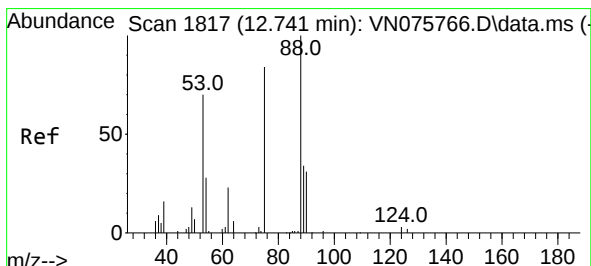
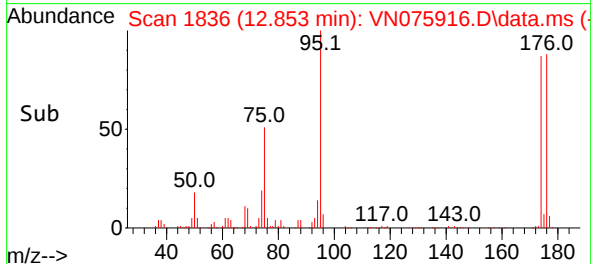
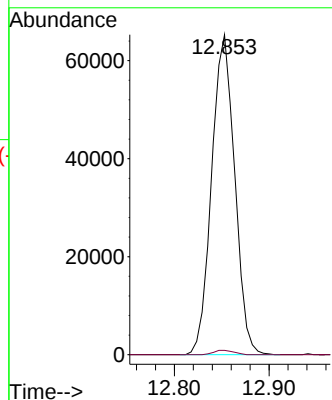
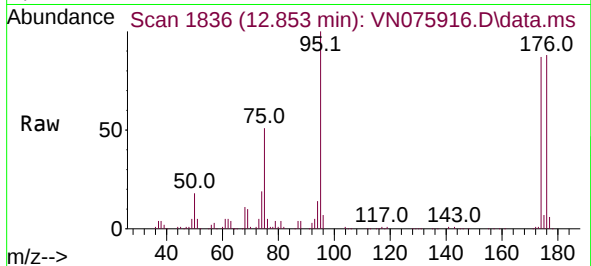




#76
1,2,3-Trichloropropane
Concen: 25.240 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075916.D
Acq: 21 Dec 2022 13:53

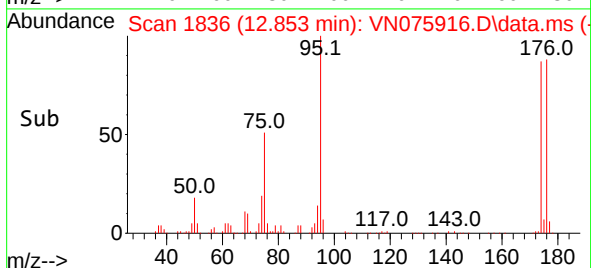
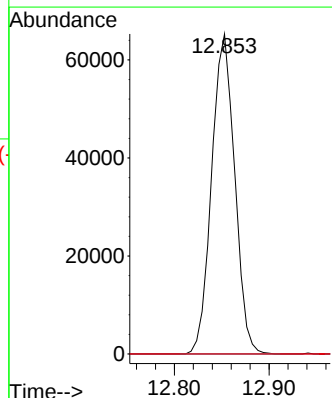
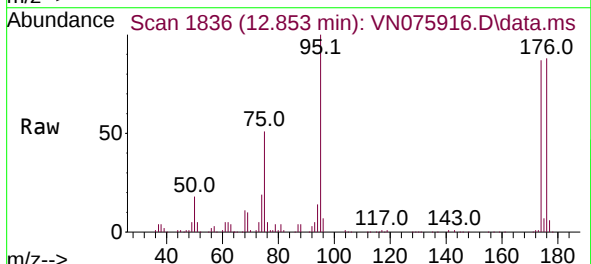
Instrument :
MSVOA_N
ClientSampleId :
IBLK

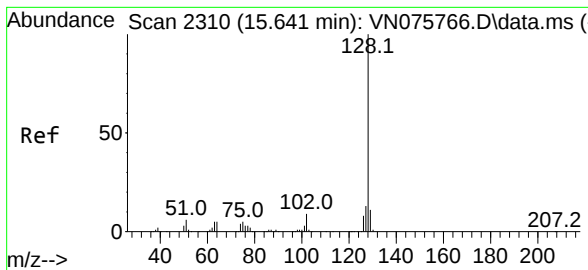
Tgt Ion: 75 Resp: 110423
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.852 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075916.D
Acq: 21 Dec 2022 13:53

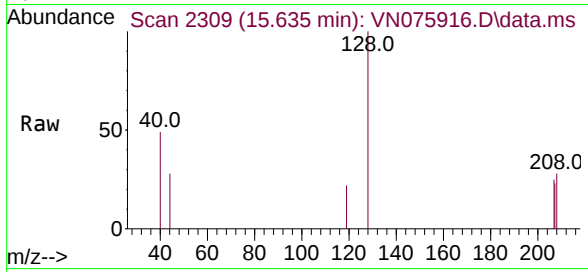
Tgt Ion: 75 Resp: 110423
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.304 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN075916.D
Acq: 21 Dec 2022 13:53

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:	128	Resp:	1561
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.4	15.6#
129	8.4	8.7	13.1#

