

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062422\
 Data File : VN073081.D
 Acq On : 24 Jun 2022 13:57
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 24 23:34:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:54:59 2022
 Response via : Initial Calibration

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

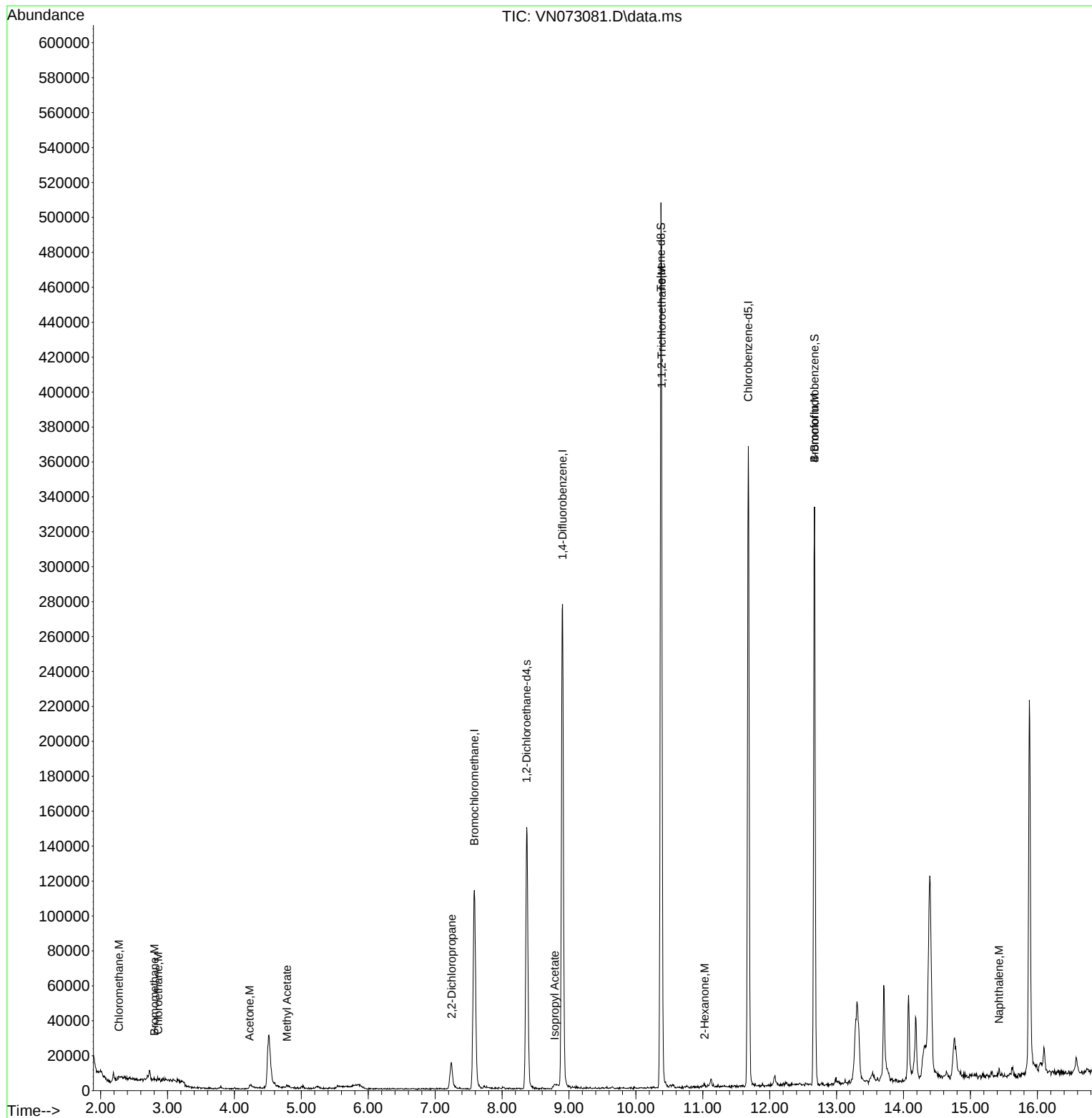
Internal Standards						
1) Bromochloromethane	7.586	128	42371	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	246632	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.680	117	209743	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	126179	30.892	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.967%			
60) 4-Bromofluorobenzene	12.668	95	113903	28.384	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.600%			
63) Toluene-d8	10.374	98	343597	30.251	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.833%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.275	50	722	0.227	ug/l #	40
5) Bromomethane	2.804	94	408	0.436	ug/l #	61
6) Chloroethane	2.863	64	779	0.444	ug/l	91
12) Methyl Acetate	4.787	43	1249	0.206	ug/l #	61
15) Acetone	4.228	58	282	0.442	ug/l	96
31) 2,2-Dichloropropane	7.245	77	734	0.336	ug/l #	53
44) Isopropyl Acetate	8.786	43	2412	0.242	ug/l #	50
50) 1,1,2-Trichloroethane	10.386	97	10460	2.973	ug/l #	1
56) Bromoform	12.668	173	1089	0.406	ug/l #	1
59) 2-Hexanone	11.027	43	969	0.208	ug/l #	50
91) Naphthalene	15.427	128	3295	0.251	ug/l #	87

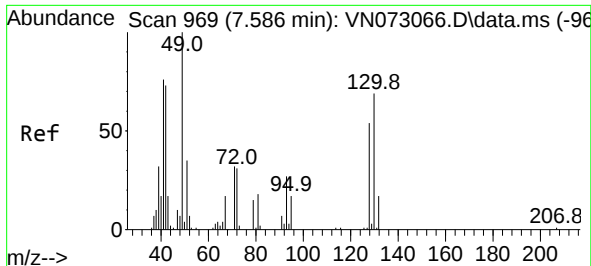
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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IBLK

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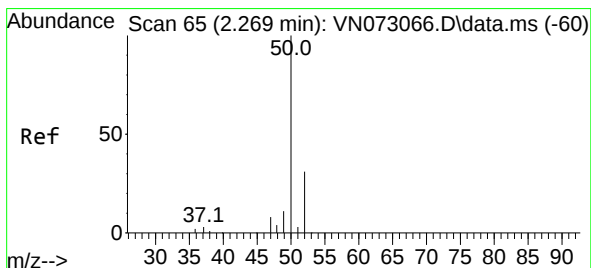
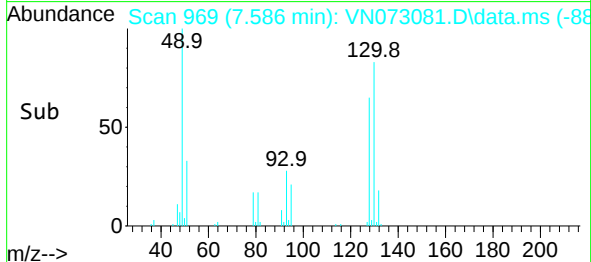
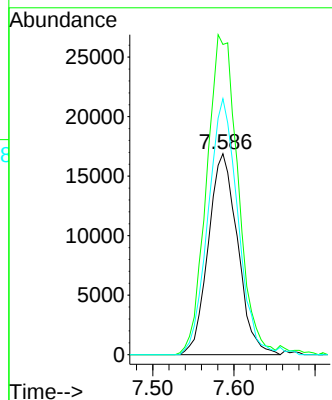
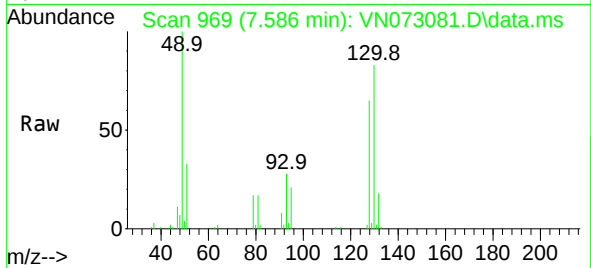




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 969
Delta R.T. 0.000 min
Lab File: VN073081.D
Acq: 24 Jun 2022 13:57

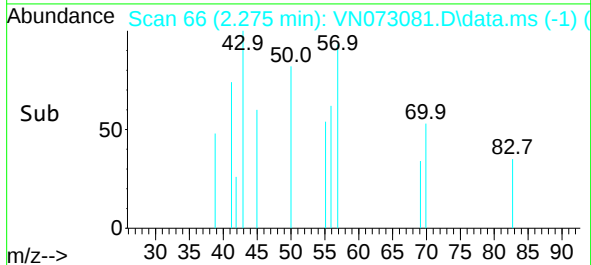
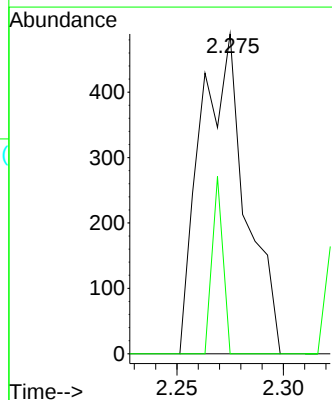
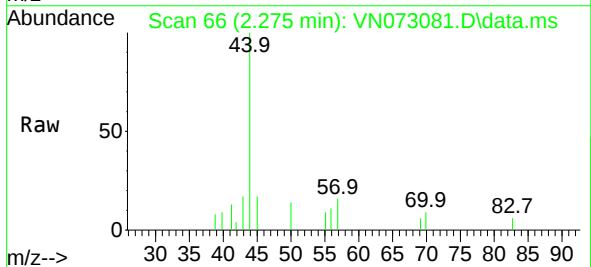
Instrument :
MSVOA_N
ClientSampleId :
IBLK

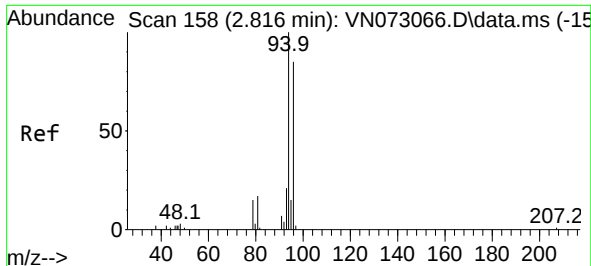
Tgt Ion:128 Resp: 42371
Ion Ratio Lower Upper
128 100
49 169.9 0.0 392.3
130 128.9 0.0 320.2



#3
Chloromethane
Concen: 0.227 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.006 min
Lab File: VN073081.D
Acq: 24 Jun 2022 13:57

Tgt Ion: 50 Resp: 722
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.6#

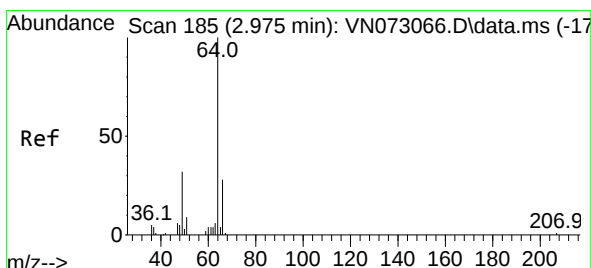
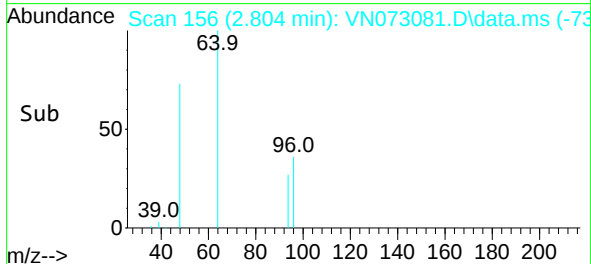
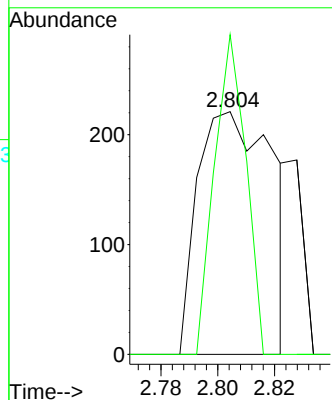
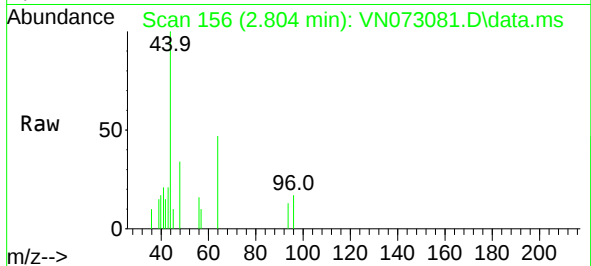




#5
Bromomethane
Concen: 0.436 ug/l
RT: 2.804 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073081.D
Acq: 24 Jun 2022 13:57

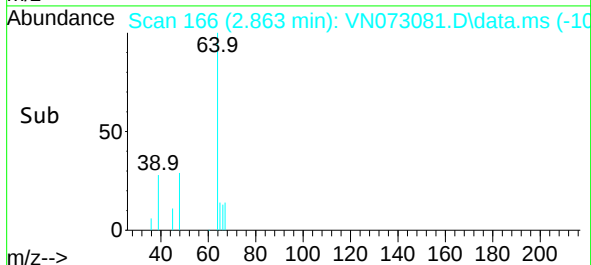
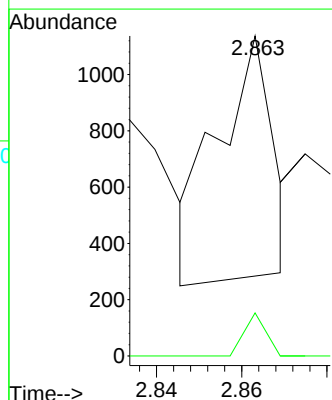
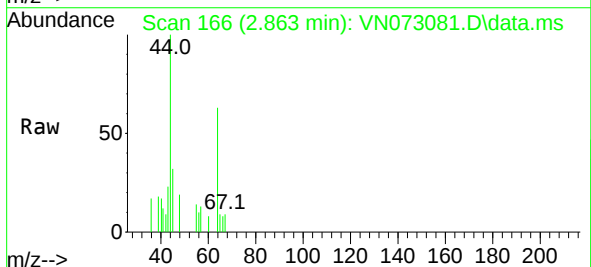
Instrument :
MSVOA_N
ClientSampleId :
IBLK

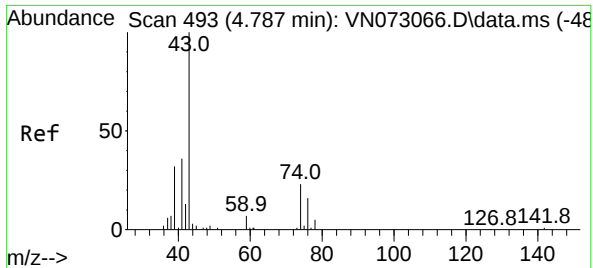
Tgt Ion: 94 Resp: 408
Ion Ratio Lower Upper
94 100
96 131.7 75.2 112.8#



#6
Chloroethane
Concen: 0.444 ug/l
RT: 2.863 min Scan# 166
Delta R.T. -0.112 min
Lab File: VN073081.D
Acq: 24 Jun 2022 13:57

Tgt Ion: 64 Resp: 779
Ion Ratio Lower Upper
64 100
66 25.9 24.6 36.8

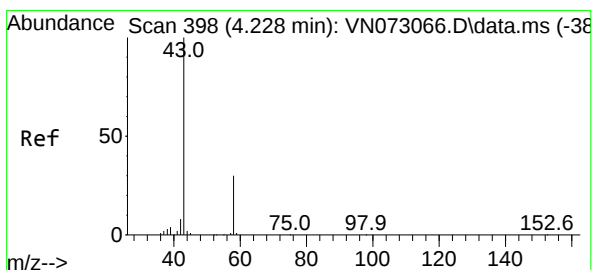
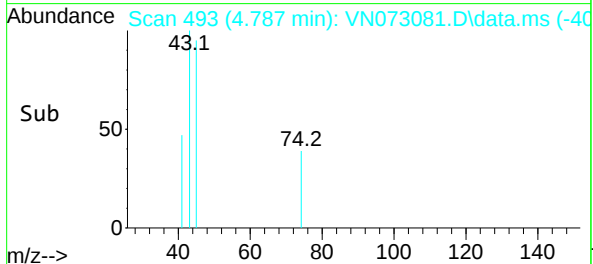
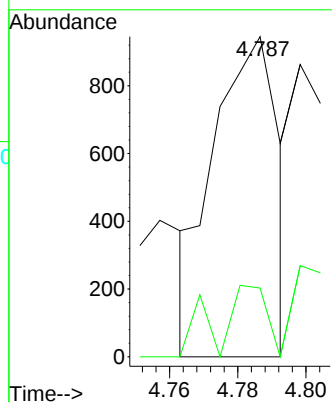
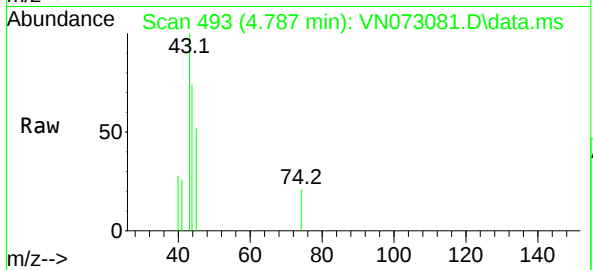




#12
Methyl Acetate
Concen: 0.206 ug/l
RT: 4.787 min Scan# 493
Delta R.T. -0.000 min
Lab File: VN073081.D
Acq: 24 Jun 2022 13:57

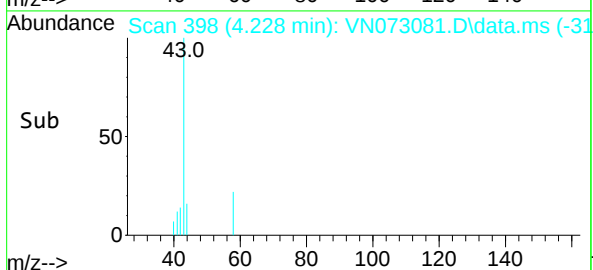
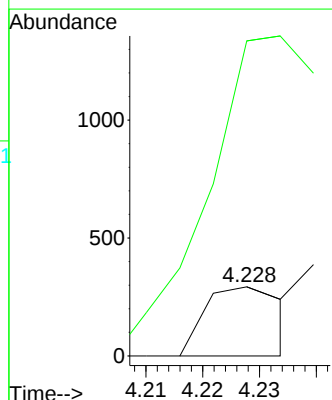
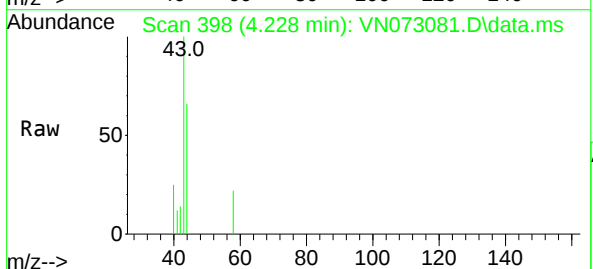
Instrument :
MSVOA_N
ClientSampleId :
IBLK

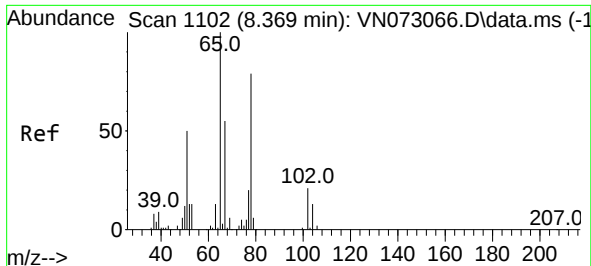
Tgt Ion: 43 Resp: 1249
Ion Ratio Lower Upper
43 100
74 45.7 20.8 31.2#



#15
Acetone
Concen: 0.442 ug/l
RT: 4.228 min Scan# 398
Delta R.T. -0.000 min
Lab File: VN073081.D
Acq: 24 Jun 2022 13:57

Tgt Ion: 58 Resp: 282
Ion Ratio Lower Upper
58 100
43 328.7 256.6 384.8





#27

1,2-Dichloroethane-d4

Concen: 30.892 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073081.D

Acq: 24 Jun 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

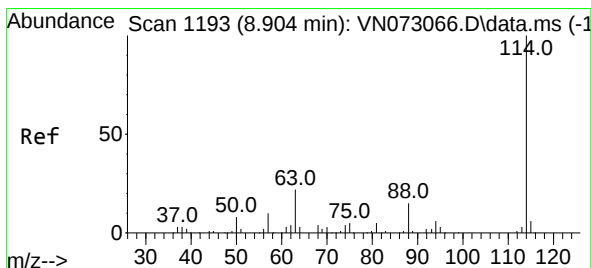
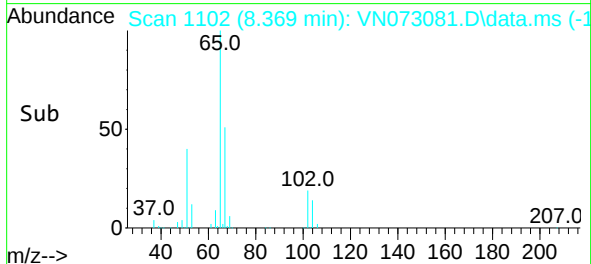
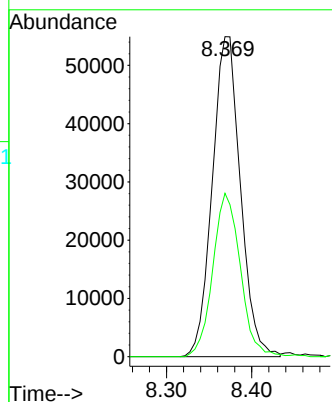
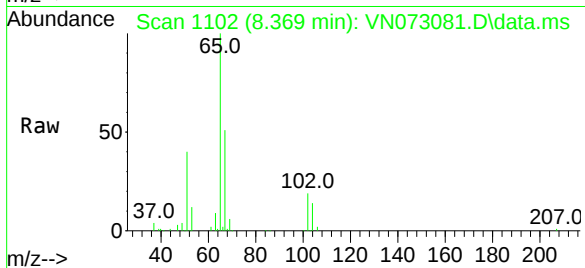
IBLK

Tgt Ion: 65 Resp: 126179

Ion Ratio Lower Upper

65 100

67 49.8 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073081.D

Acq: 24 Jun 2022 13:57

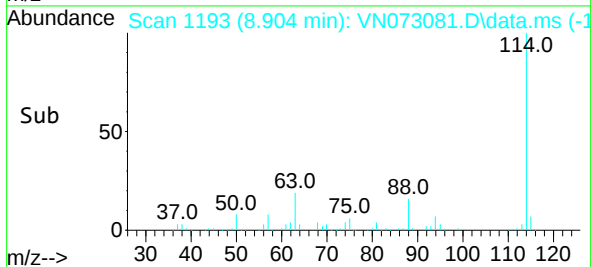
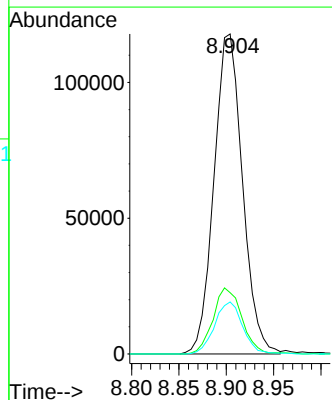
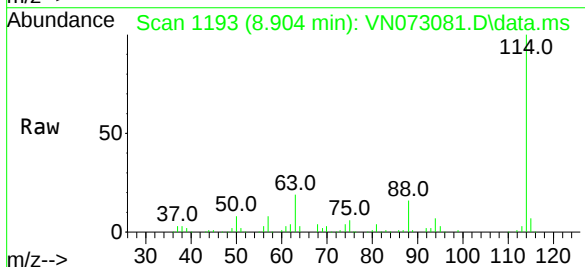
Tgt Ion: 114 Resp: 246632

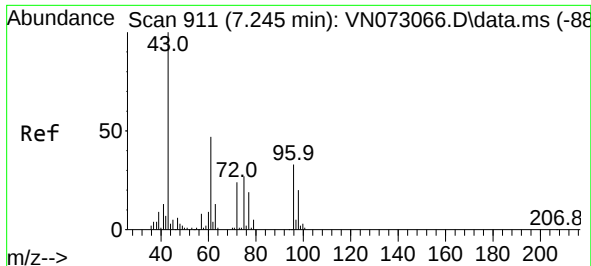
Ion Ratio Lower Upper

114 100

63 20.7 15.8 23.6

88 16.1 11.6 17.4

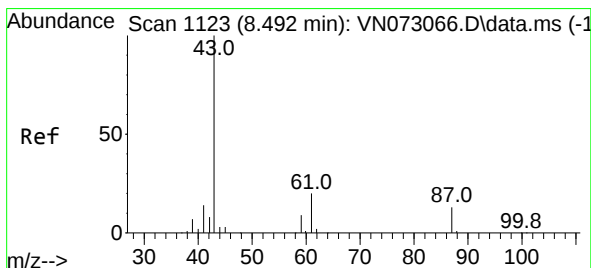
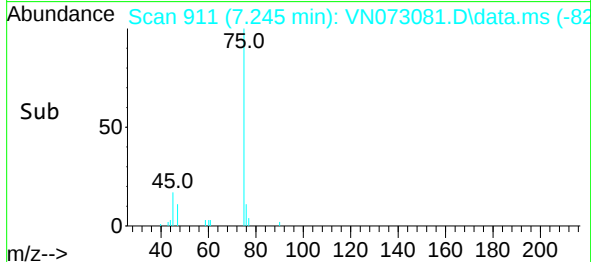
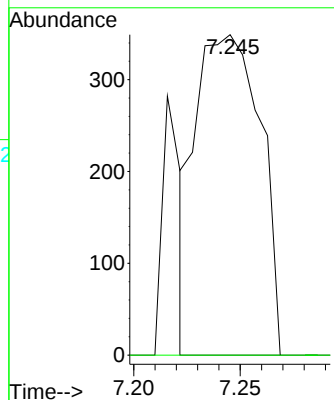
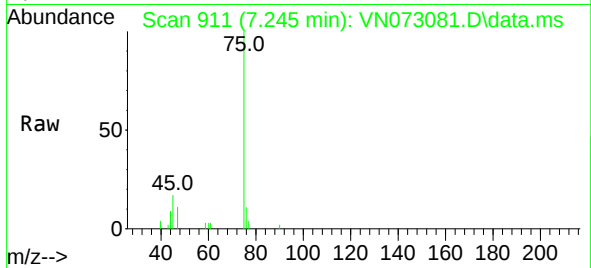




#31
2,2-Dichloropropane
Concen: 0.336 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN073081.D
Acq: 24 Jun 2022 13:57

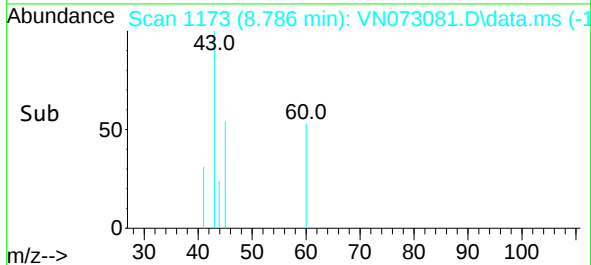
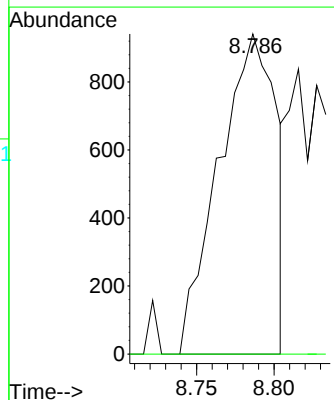
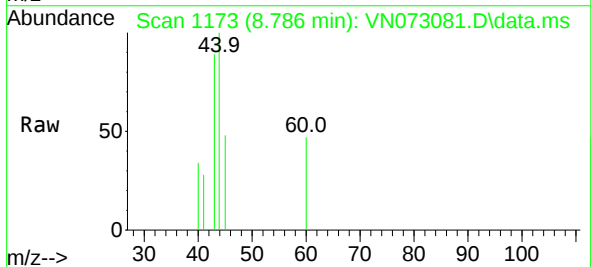
Instrument :
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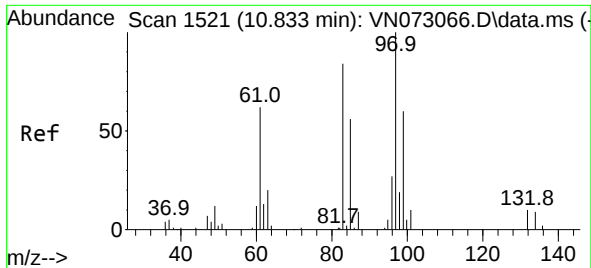
Tgt Ion: 77 Resp: 734
Ion Ratio Lower Upper
77 100
97 0.0 18.3 27.5#



#44
Isopropyl Acetate
Concen: 0.242 ug/l
RT: 8.786 min Scan# 1173
Delta R.T. 0.294 min
Lab File: VN073081.D
Acq: 24 Jun 2022 13:57

Tgt Ion: 43 Resp: 2412
Ion Ratio Lower Upper
43 100
61 0.0 20.1 30.1#

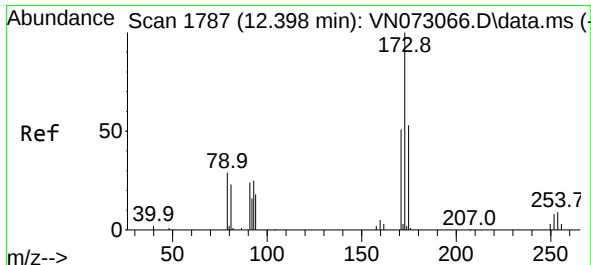
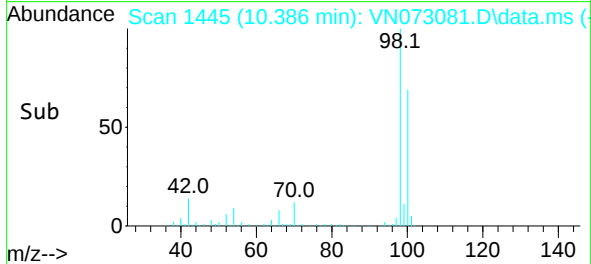
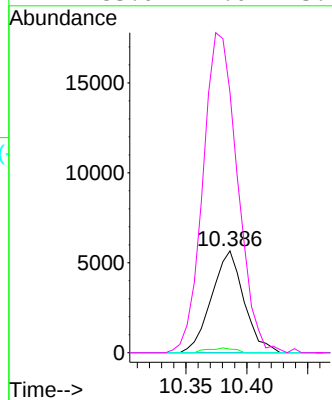
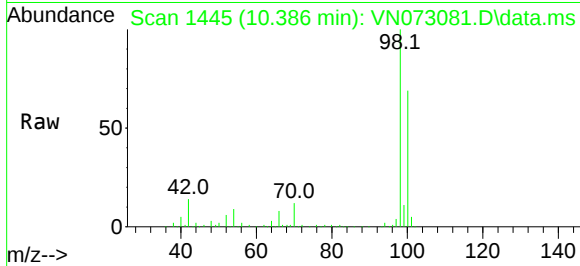




#50
1,1,2-Trichloroethane
Concen: 2.973 ug/l
RT: 10.386 min Scan# 1445
Delta R.T. -0.447 min
Lab File: VN073081.D
Acq: 24 Jun 2022 13:57

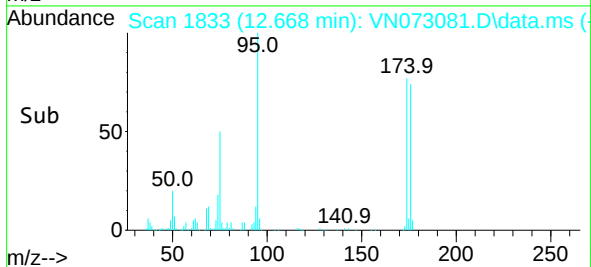
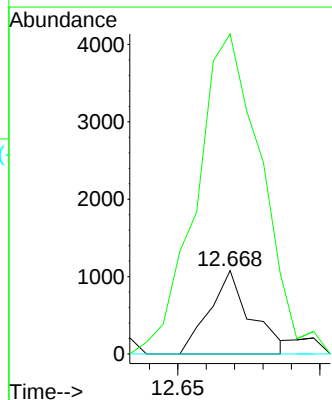
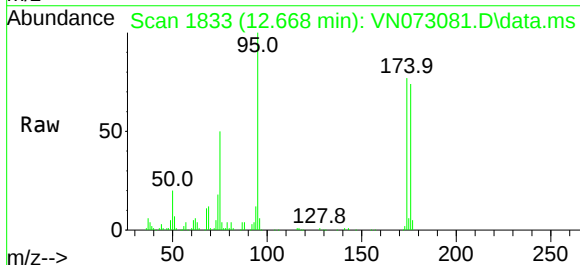
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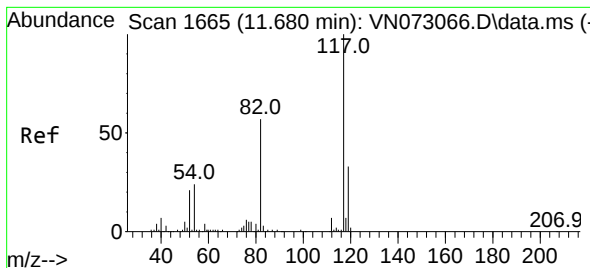
Tgt Ion: 97 Resp: 10460
Ion Ratio Lower Upper
97 100
83 3.5 67.2 100.8#
85 0.0 43.0 64.4#
99 253.0 49.0 73.4#



#56
Bromoform
Concen: 0.406 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.270 min
Lab File: VN073081.D
Acq: 24 Jun 2022 13:57

Tgt Ion: 173 Resp: 1089
Ion Ratio Lower Upper
173 100
175 608.4 38.6 58.0#
254 0.0 0.0 0.0

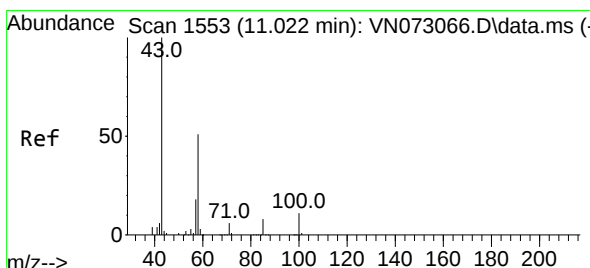
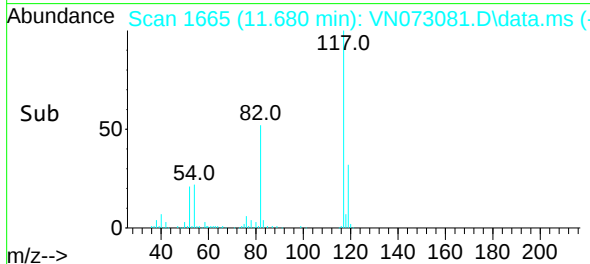
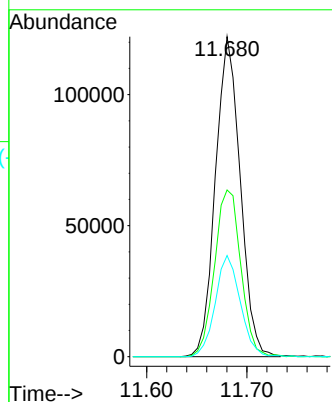
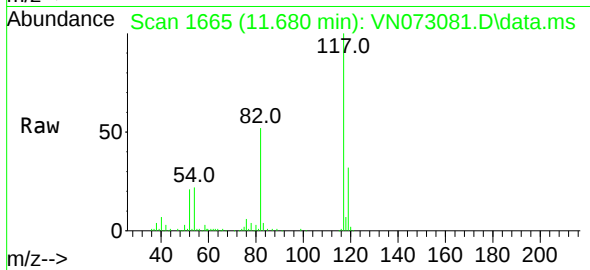




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.680 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VN073081.D
Acq: 24 Jun 2022 13:57

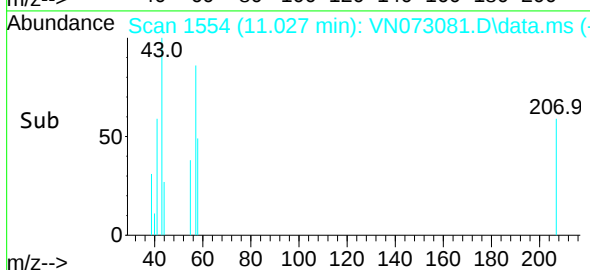
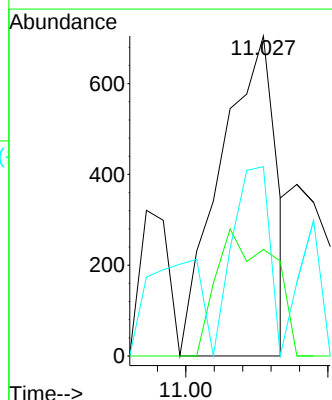
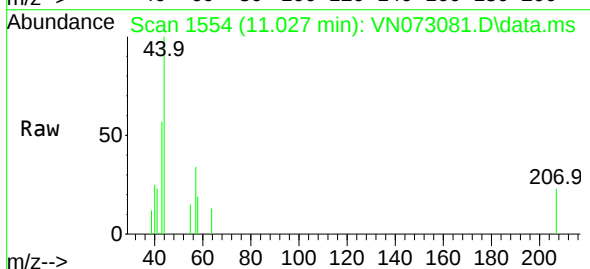
Instrument :
MSVOA_N
ClientSampleId :
IBLK

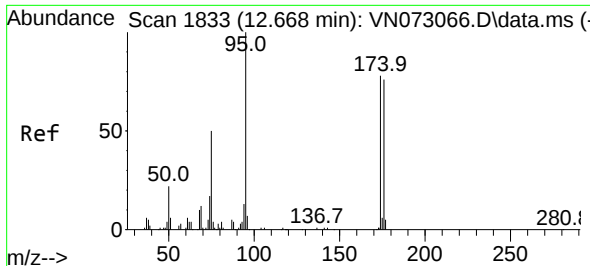
Tgt Ion:117 Resp: 209743
Ion Ratio Lower Upper
117 100
82 55.0 43.6 65.4
119 31.8 25.8 38.6



#59
2-Hexanone
Concen: 0.208 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.006 min
Lab File: VN073081.D
Acq: 24 Jun 2022 13:57

Tgt Ion: 43 Resp: 969
Ion Ratio Lower Upper
43 100
58 16.2 42.2 63.2#
57 38.7 15.0 22.4#

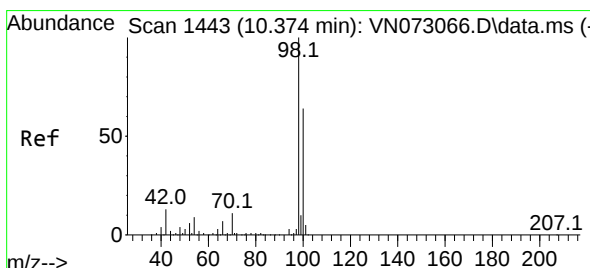
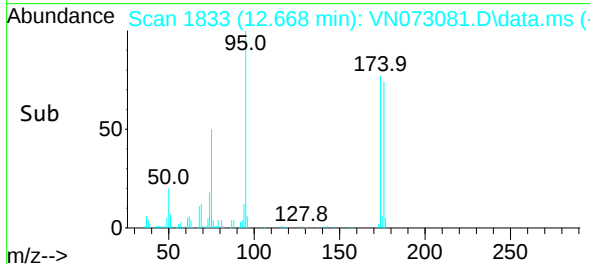
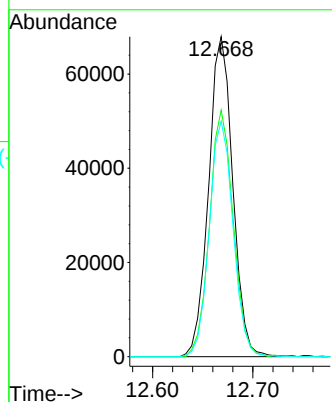
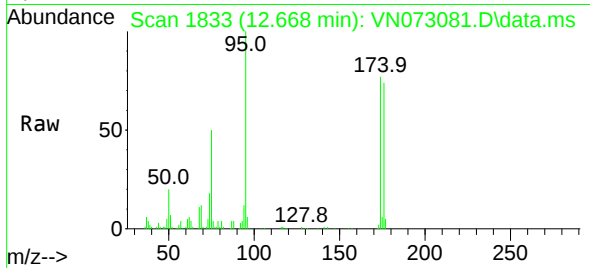




#60
4-Bromofluorobenzene
Concen: 28.384 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073081.D
Acq: 24 Jun 2022 13:57

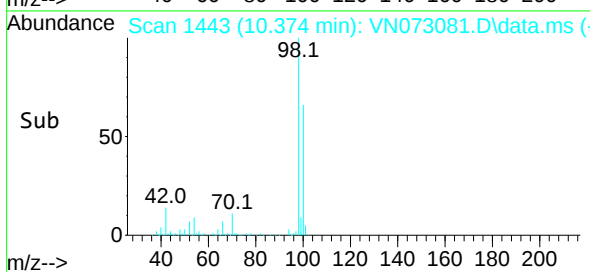
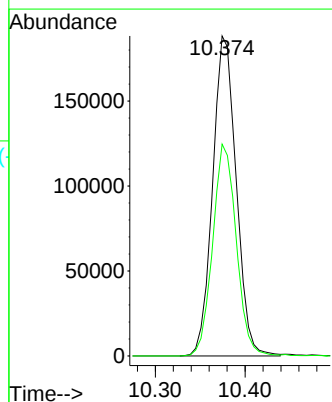
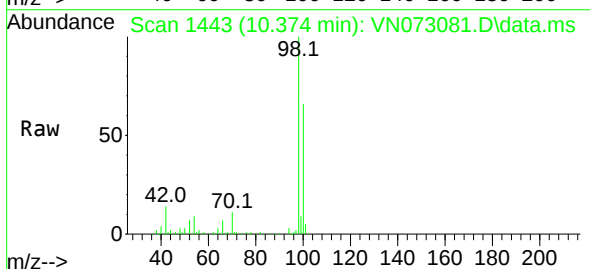
Instrument :
MSVOA_N
ClientSampleId :
IBLK

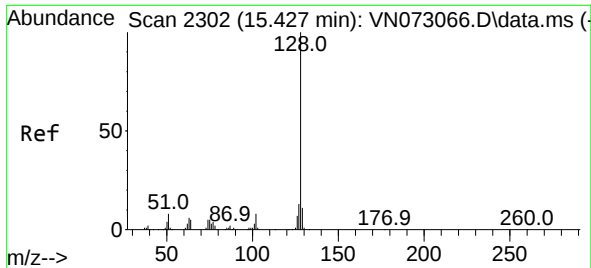
Tgt Ion: 95 Resp: 113903
Ion Ratio Lower Upper
95 100
174 75.7 62.9 94.3
176 72.4 61.0 91.4



#63
Toluene-d8
Concen: 30.251 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073081.D
Acq: 24 Jun 2022 13:57

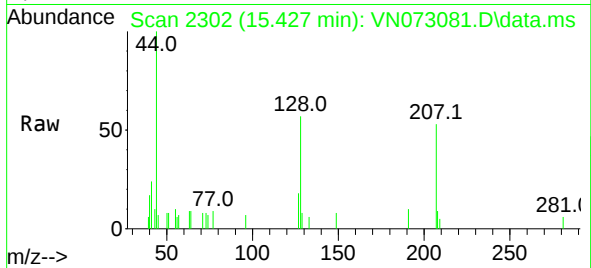
Tgt Ion: 98 Resp: 343597
Ion Ratio Lower Upper
98 100
100 66.2 50.6 76.0





#91
Naphthalene
Concen: 0.251 ug/l
RT: 15.427 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN073081.D
Acq: 24 Jun 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:128 Resp: 3295
Ion Ratio Lower Upper
128 100
127 7.3 10.7 16.1#
129 7.7 9.0 13.6#

