

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070039.D
 Acq On : 13 Dec 2021 18:11
 Operator : JC/MD
 Sample : M4929-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 6NEFF1221

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Amit Patel 12/15/2021

Quant Time: Dec 14 05:28:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 14 00:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	169341	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	896520	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	771260	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	462745	30.835	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.800%
60) 4-Bromofluorobenzene	12.734	95	301822	23.782	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.267%
63) Toluene-d8	10.443	98	1096776	30.773	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.567%
Target Compounds						
15) Acetone	4.291	58	8416m	3.376	ug/l	Qvalue
91) Naphthalene	15.504	128	5556m	8.203	ug/l	

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

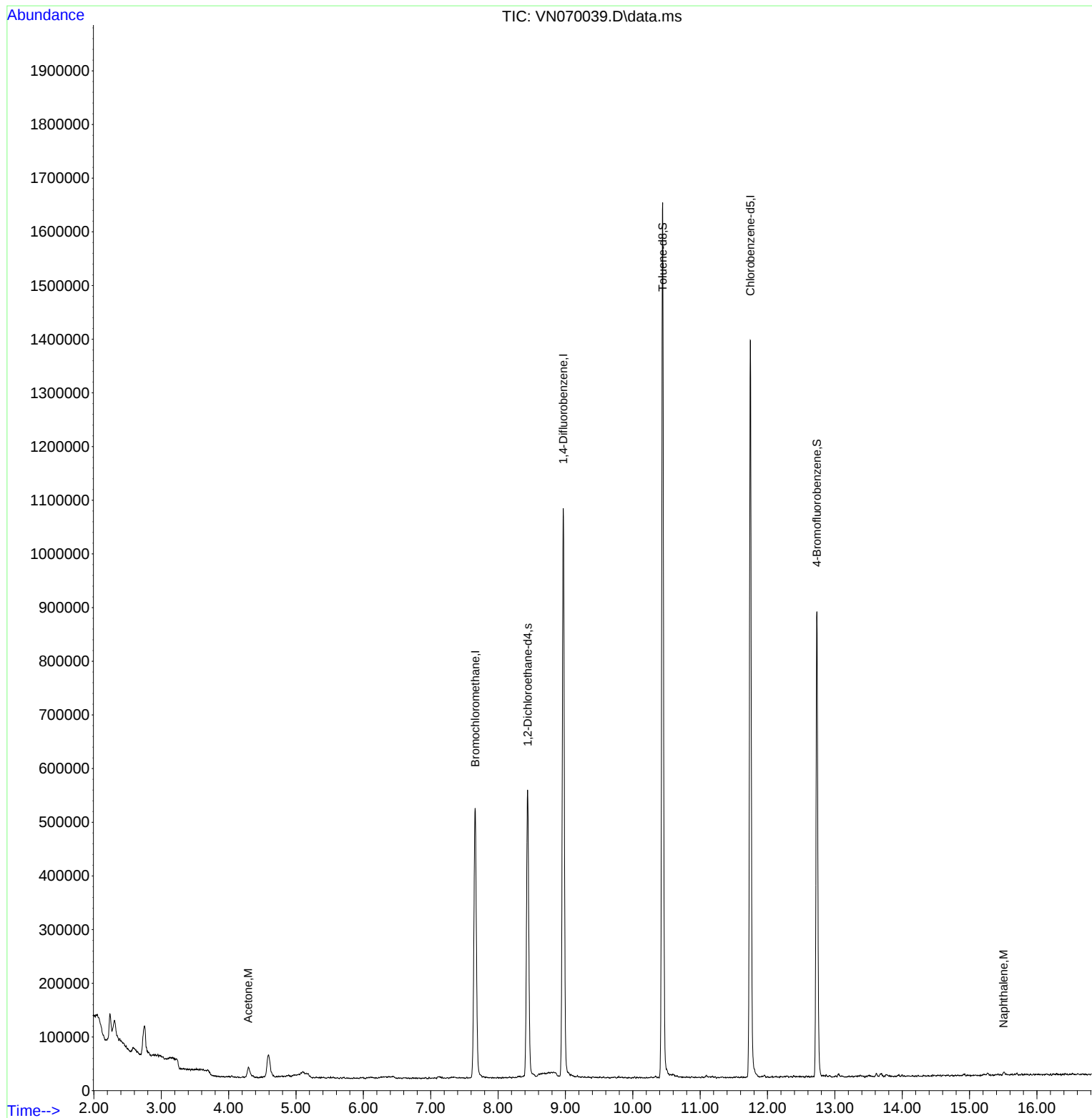
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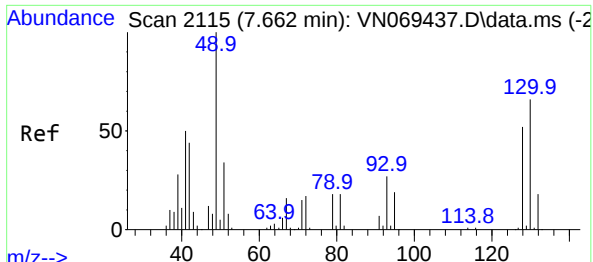
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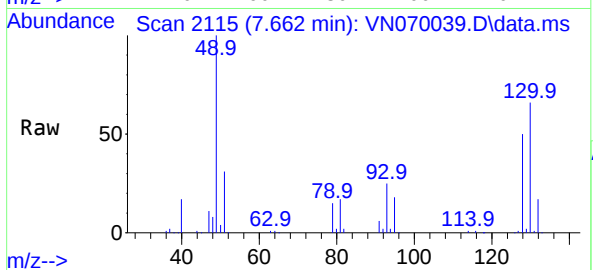
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Supervised By :Amit Patel 12/15/2021





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.005 min
Lab File: VN070039.D
Acq: 13 Dec 2021 18:11

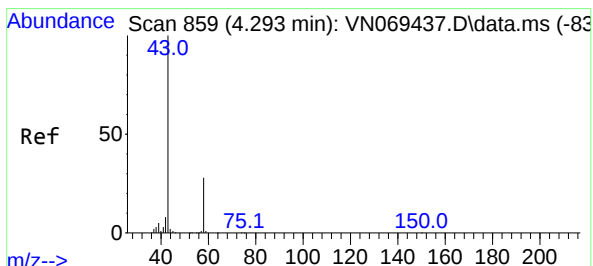
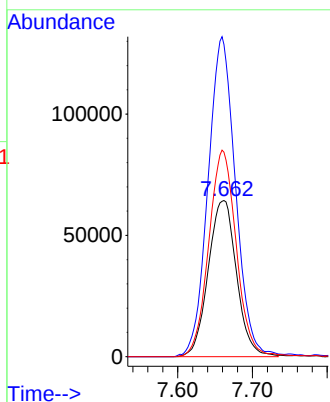
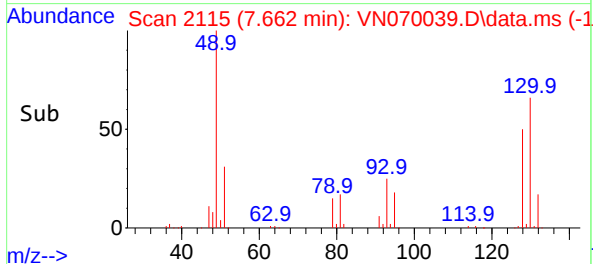
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MSVOA_N
ClientSampleId :
6NEFF1221



Tgt Ion:128 Resp: 16934
Ion Ratio Lower Upper
128 100
49 197.4 0.0 392.3
130 127.9 0.0 320.2

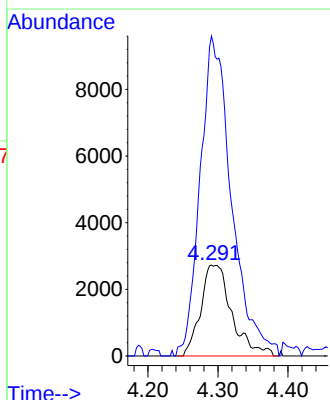
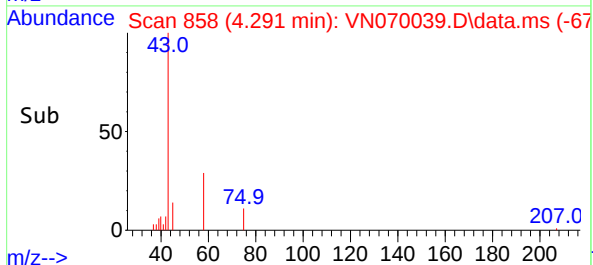
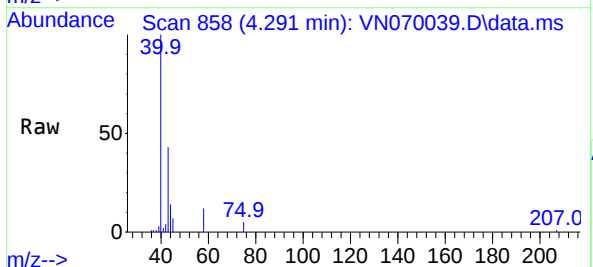
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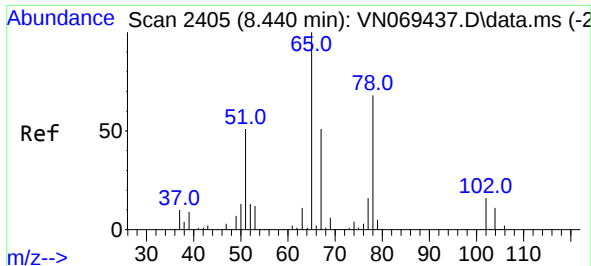
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#15
Acetone
Concen: 3.376 ug/l m
RT: 4.291 min Scan# 858
Delta R.T. 0.005 min
Lab File: VN070039.D
Acq: 13 Dec 2021 18:11

Tgt Ion: 58 Resp: 8416
Ion Ratio Lower Upper
58 100
43 352.1 256.6 384.8





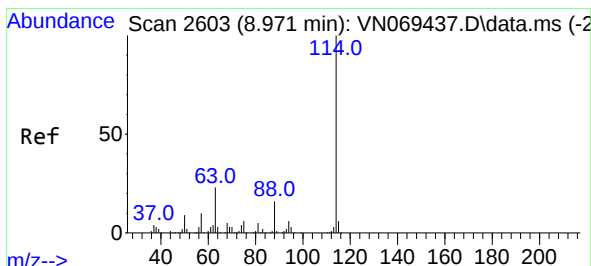
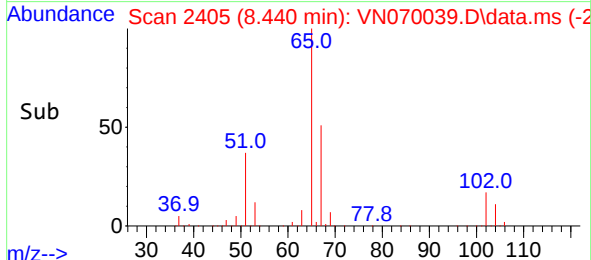
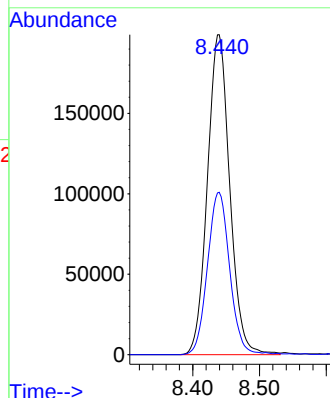
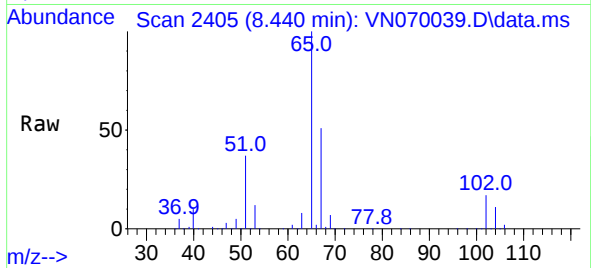
#27
1,2-Dichloroethane-d4
Concen: 30.835 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN070039.D
Acq: 13 Dec 2021 18:11

Instrument :
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Tgt Ion: 65 Resp: 462745
Ion Ratio Lower Upper
65 100
67 50.2 40.2 60.2

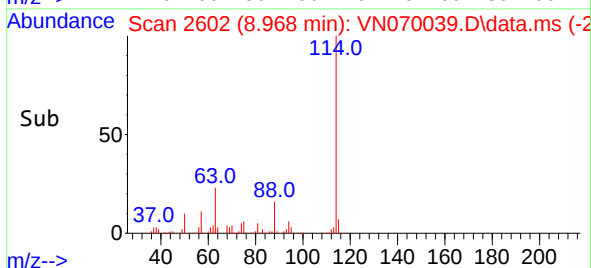
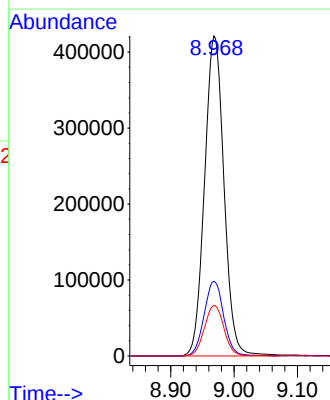
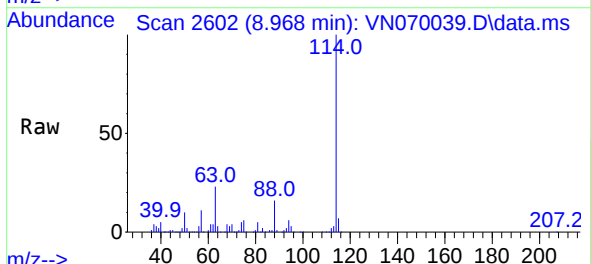
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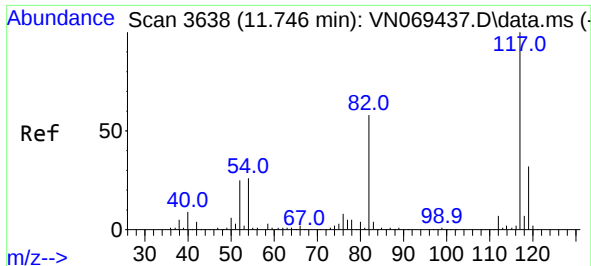
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Supervised By :Amit Patel 12/15/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070039.D
Acq: 13 Dec 2021 18:11

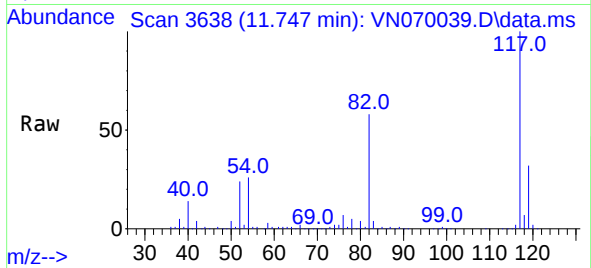
Tgt Ion:114 Resp: 896520
Ion Ratio Lower Upper
114 100
63 23.5 15.8 23.6
88 15.9 11.6 17.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070039.D
Acq: 13 Dec 2021 18:11

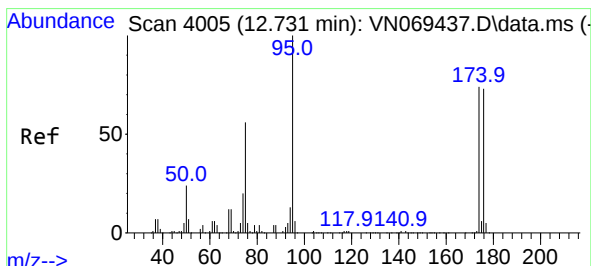
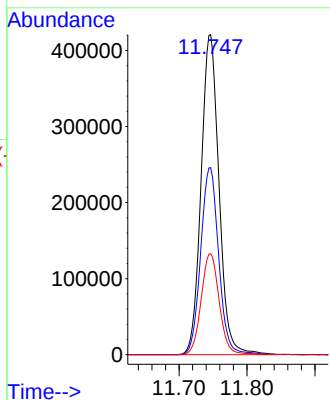
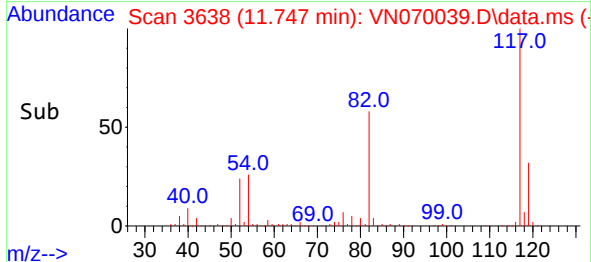
Instrument :
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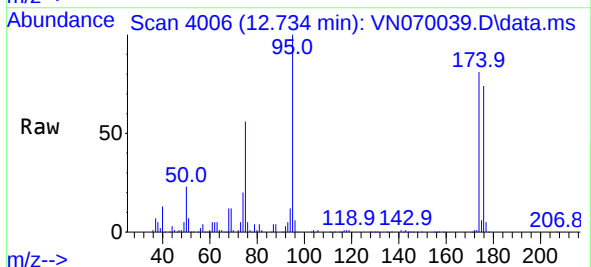
Tgt Ion: 117 Resp: 771260
Ion Ratio Lower Upper
117 100
82 58.9 43.6 65.4
119 31.8 25.8 38.6

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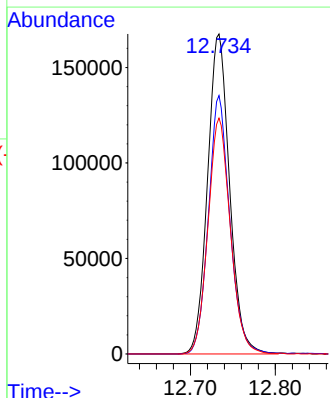
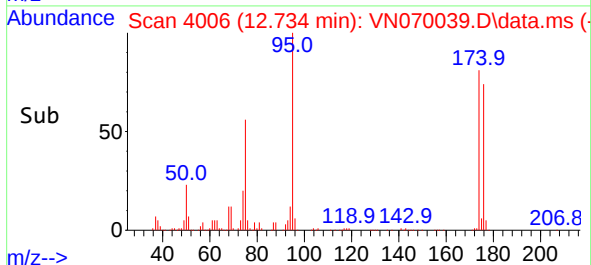
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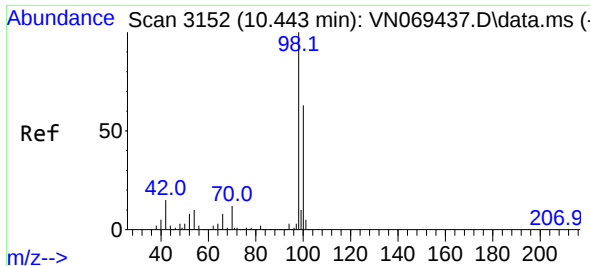


#60
4-Bromofluorobenzene
Concen: 23.782 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070039.D
Acq: 13 Dec 2021 18:11



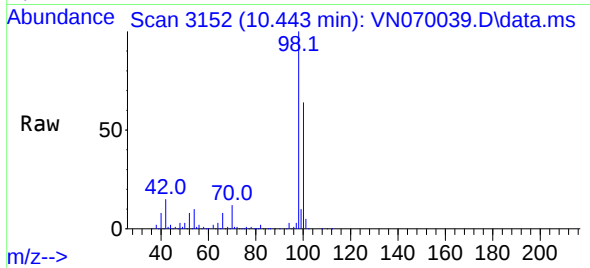
Tgt Ion: 95 Resp: 301822
Ion Ratio Lower Upper
95 100
174 78.5 62.9 94.3
176 74.7 61.0 91.4





#63
Toluene-d8
Concen: 30.773 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070039.D
Acq: 13 Dec 2021 18:11

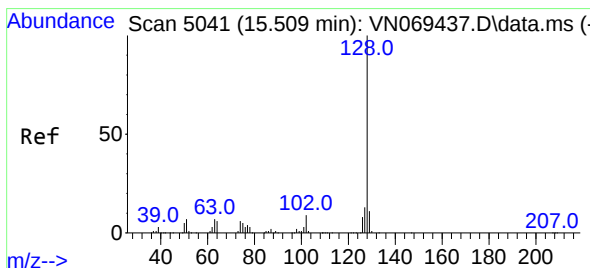
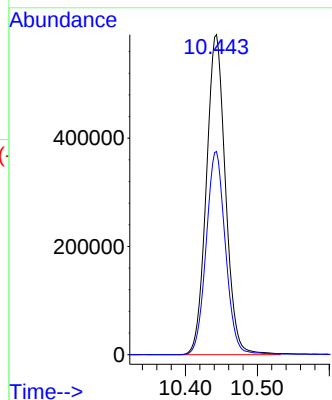
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ClientSampleId :
6NEFF1221



Tgt Ion: 98 Resp: 1096770
Ion Ratio Lower Upper
98 100
100 63.6 50.6 76.0

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#91
Naphthalene
Concen: 8.203 ug/l m
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070039.D
Acq: 13 Dec 2021 18:11

Tgt Ion:128 Resp: 5556
Ion Ratio Lower Upper
128 100
127 11.9 10.7 16.1
129 3.7 9.0 13.6#

