

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
 Data File : VN069141.D
 Acq On : 22 Oct 2021 18:08
 Operator : JC/MD
 Sample : M4301-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 211020016-02-TRIP-BLANK

Quant Time: Oct 23 07:56:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 13:15:19 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021

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

Internal Standards						
1) Bromochloromethane	7.662	128	48005	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	287077	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	252188	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	118216	31.617	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.400%			
60) 4-Bromofluorobenzene	12.733	95	109724	25.374	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 84.567%			
63) Toluene-d8	10.443	98	349211	30.649	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.167%			
Target Compounds						Qvalue
15) Acetone	4.299	58	3640m	7.981	ug/l	
91) Naphthalene	15.507	128	6764	0.746	ug/l #	96

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

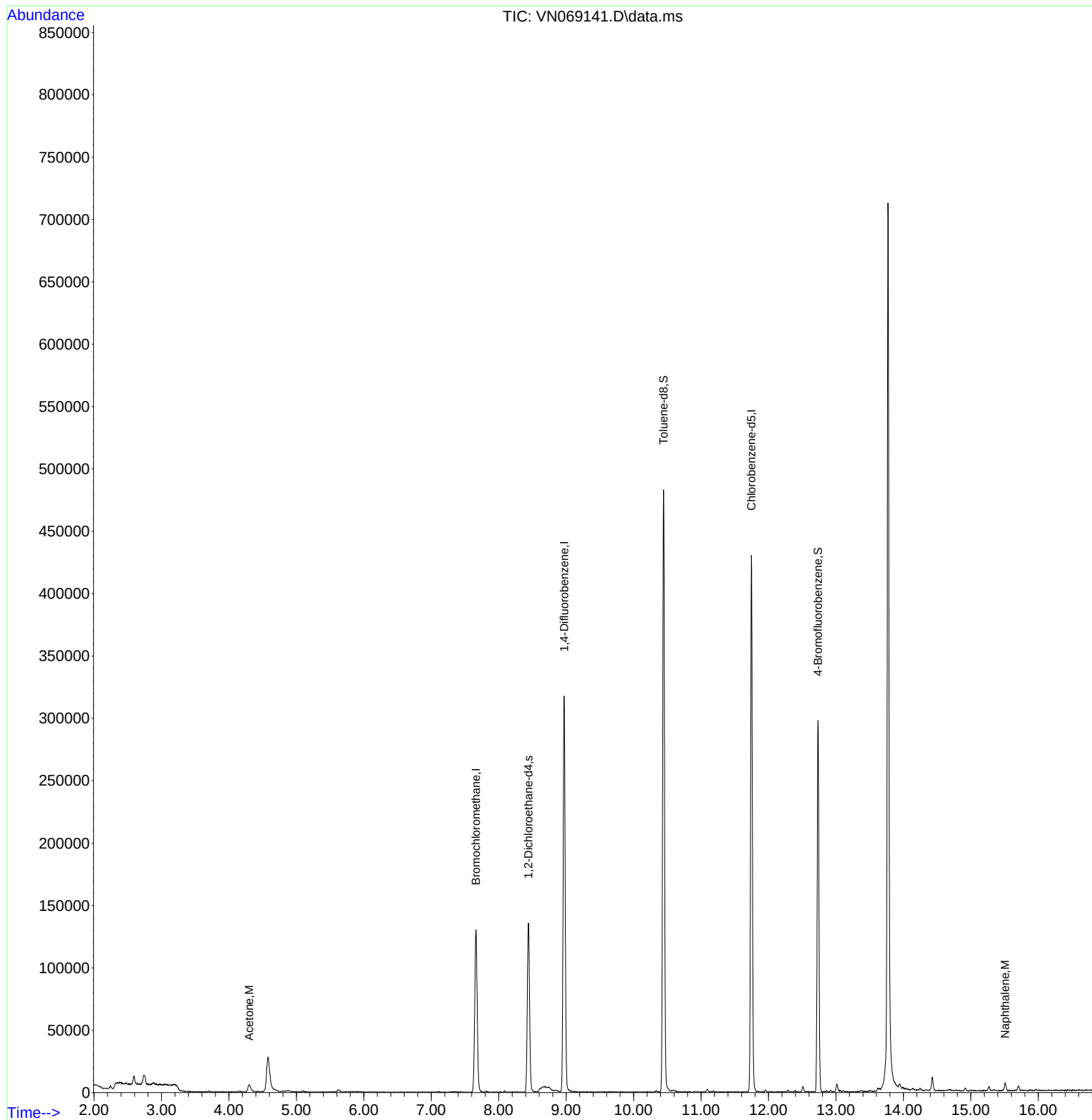
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
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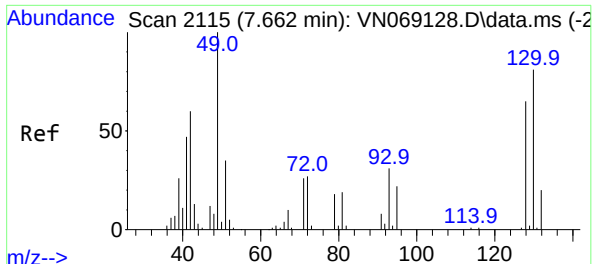
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MSVOA_N
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211020016-02-TRIP-BLANK

Quant Time: Oct 23 07:56:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
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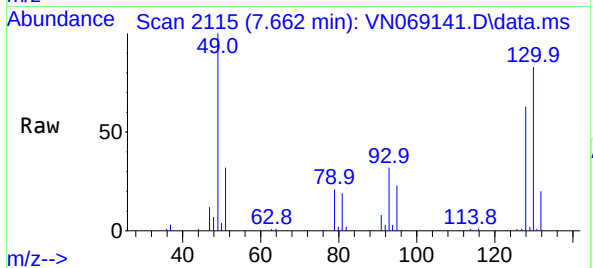
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN069141.D
Acq: 22 Oct 2021 18:08

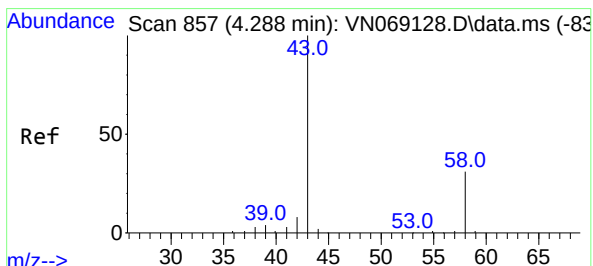
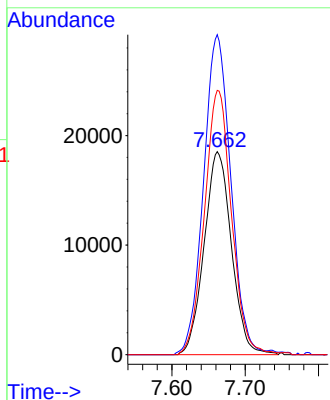
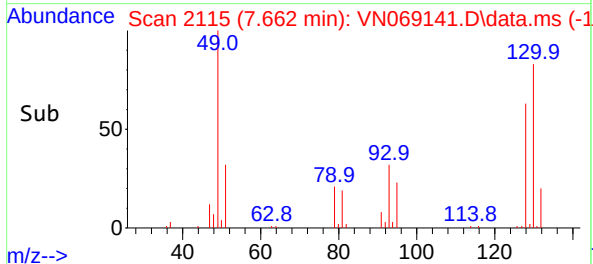
Instrument :
MSVOA_N
ClientSampleId :
211020016-02-TRIP-BLANK



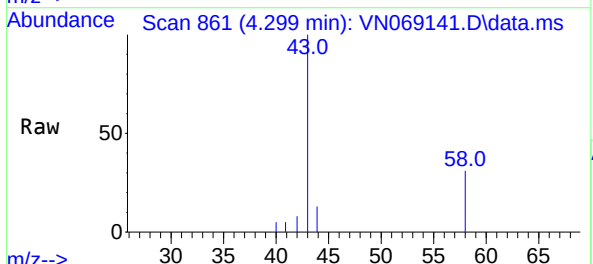
Tgt Ion:128 Resp: 4800
Ion Ratio Lower Upper
128 100
49 157.2 0.0 392.3
130 128.8 0.0 320.2

Manual Integrations
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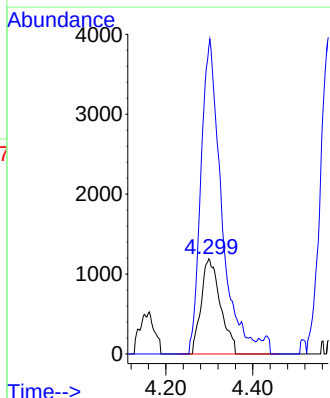
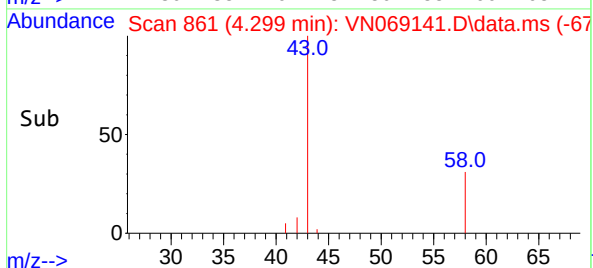
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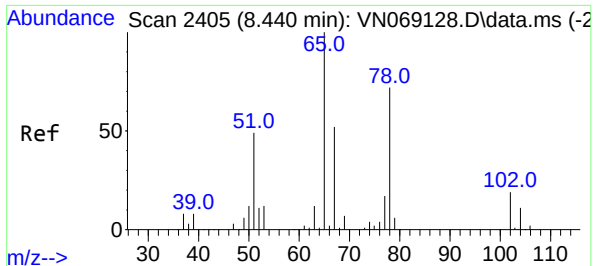


#15
Acetone
Concen: 7.981 ug/l m
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN069141.D
Acq: 22 Oct 2021 18:08



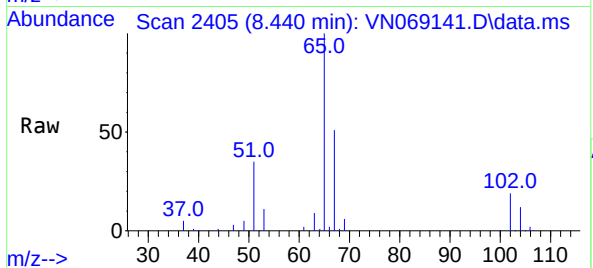
Tgt Ion: 58 Resp: 3640
Ion Ratio Lower Upper
58 100
43 322.0 256.6 384.8





#27
1,2-Dichloroethane-d4
Concen: 31.617 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069141.D
Acq: 22 Oct 2021 18:08

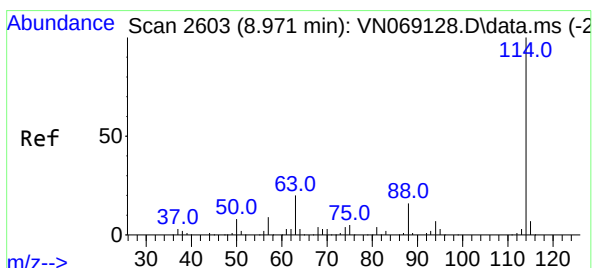
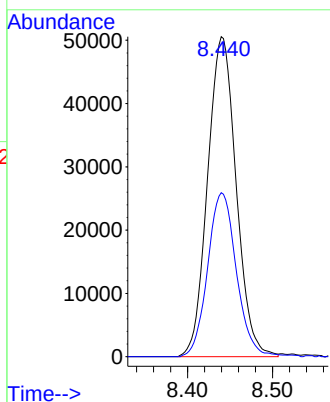
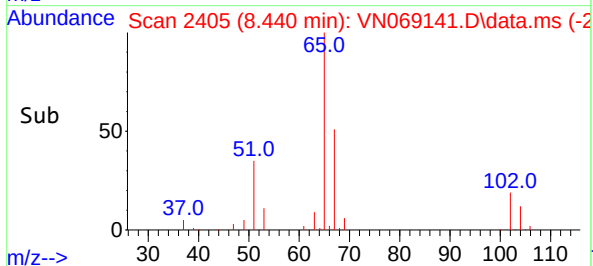
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MSVOA_N
ClientSampleId :
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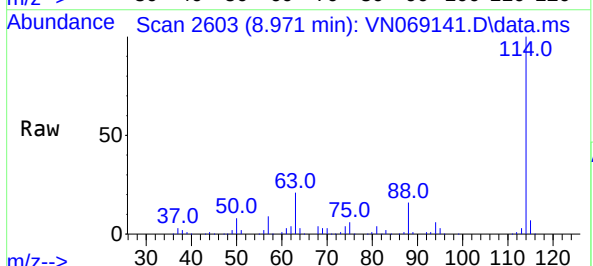
Tgt Ion: 65 Resp: 118210
Ion Ratio Lower Upper
65 100
67 51.5 40.2 60.2

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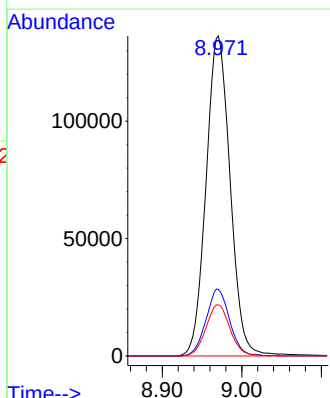
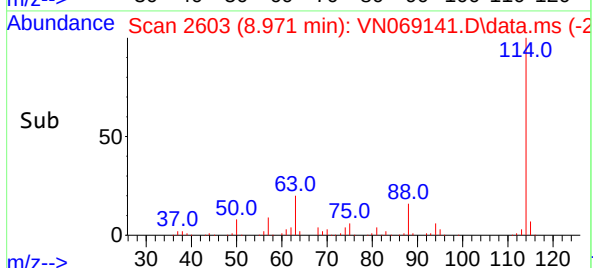
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

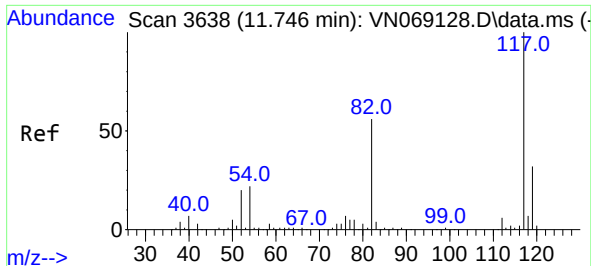


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN069141.D
Acq: 22 Oct 2021 18:08



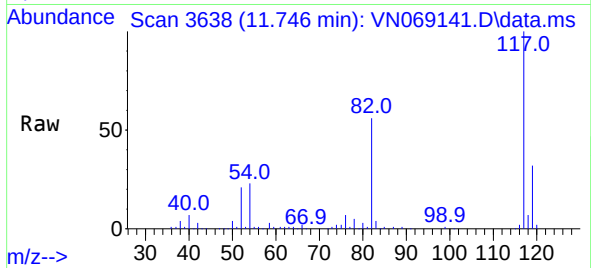
Tgt Ion:114 Resp: 287077
Ion Ratio Lower Upper
114 100
63 20.5 15.8 23.6
88 16.0 11.6 17.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069141.D
Acq: 22 Oct 2021 18:08

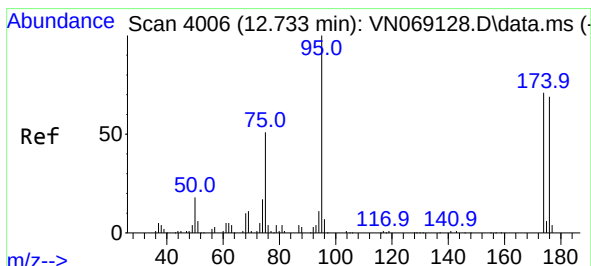
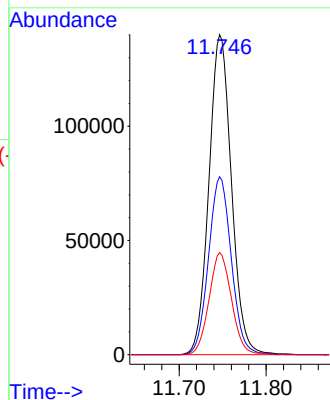
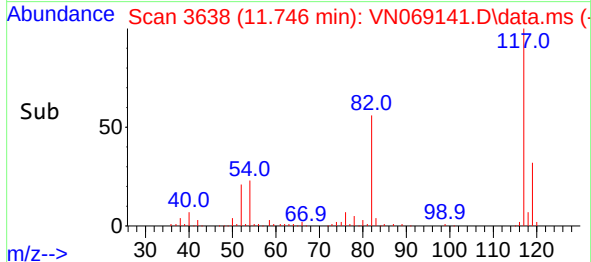
Instrument :
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ClientSampleId :
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Tgt Ion: 117 Resp: 252188
Ion Ratio Lower Upper
117 100
82 56.4 43.6 65.4
119 31.8 25.8 38.6

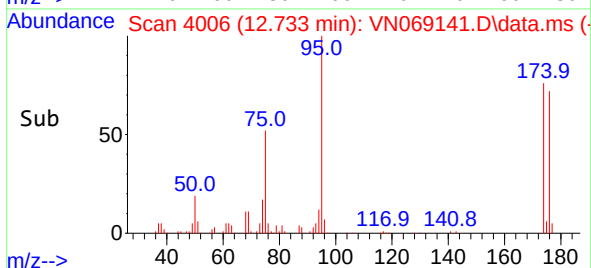
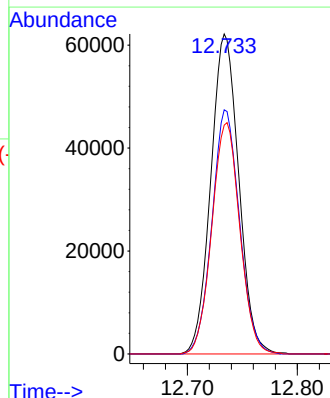
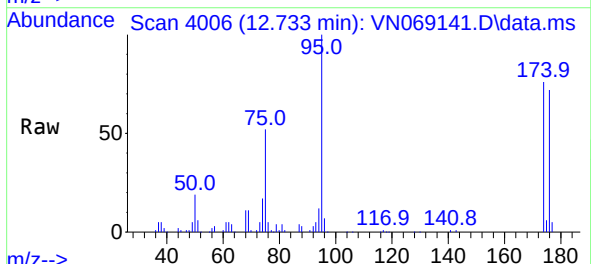
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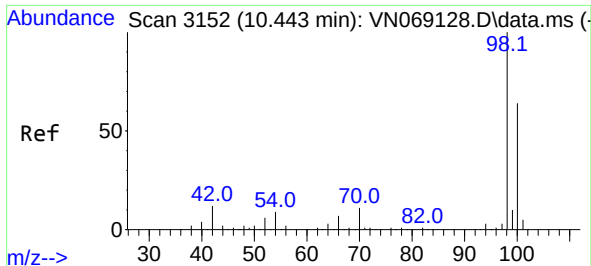
Reviewed By :John Carlone 10/25/2021
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#60
4-Bromofluorobenzene
Concen: 25.374 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069141.D
Acq: 22 Oct 2021 18:08

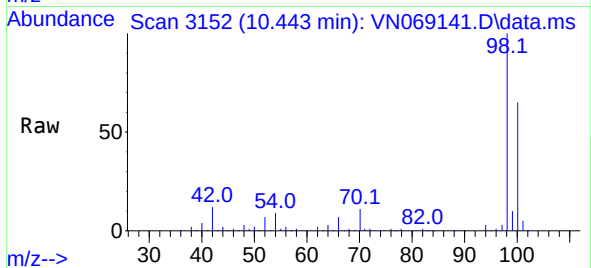
Tgt Ion: 95 Resp: 109724
Ion Ratio Lower Upper
95 100
174 75.3 62.9 94.3
176 72.4 61.0 91.4





#63
Toluene-d8
Concen: 30.649 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069141.D
Acq: 22 Oct 2021 18:08

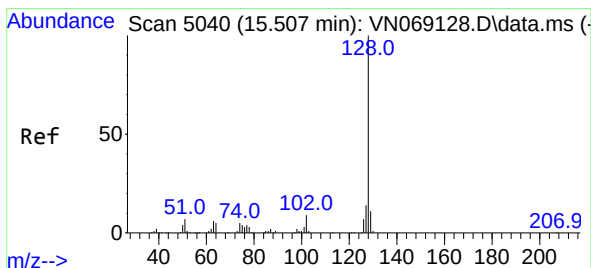
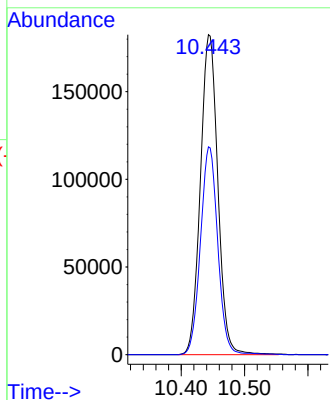
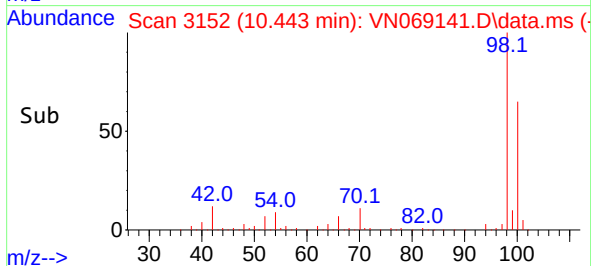
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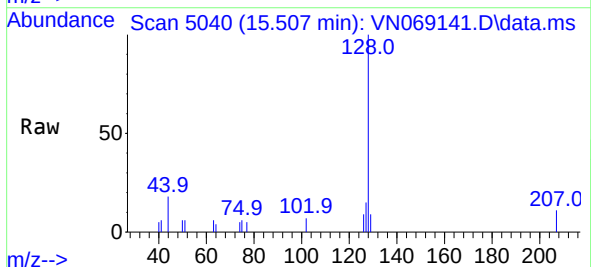
Tgt Ion: 98 Resp: 34921
Ion Ratio Lower Upper
98 100
100 64.0 50.6 76.0

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#91
Naphthalene
Concen: 0.746 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN069141.D
Acq: 22 Oct 2021 18:08



Tgt Ion:128 Resp: 6764
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 8.7 9.0 13.6

