

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050673.D
 Acq On : 15 Aug 2018 23:29
 Operator : MD\SY
 Sample : J4458-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-94

Manual Integrations
 APPROVED

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 8/16/2018 1:19:03 PM

Quant Time: Aug 16 13:49:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	112651	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	540791	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	449994	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	228672	29.86	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.53%
60) 4-Bromofluorobenzene	12.40	95	149161	21.58	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	71.93%
63) Toluene-d8	10.09	98	640729	29.81	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.37%

Target Compounds	Ovalue

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

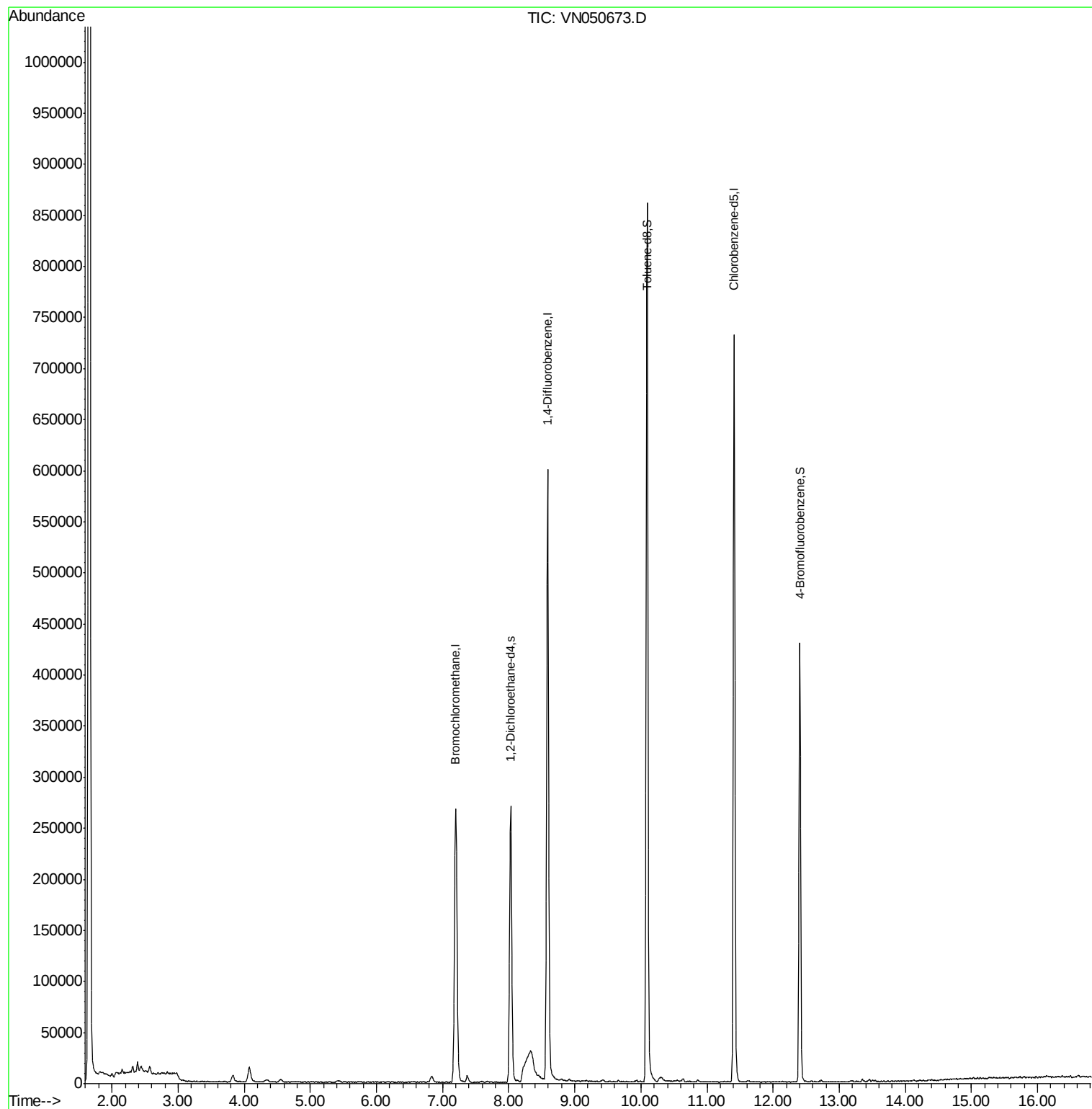
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081518\
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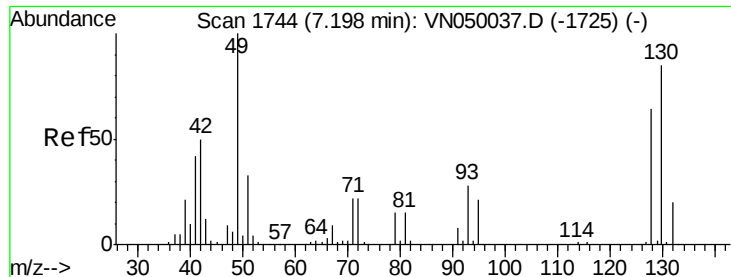
Instrument :
MSVOA_N
ClientSampleId :
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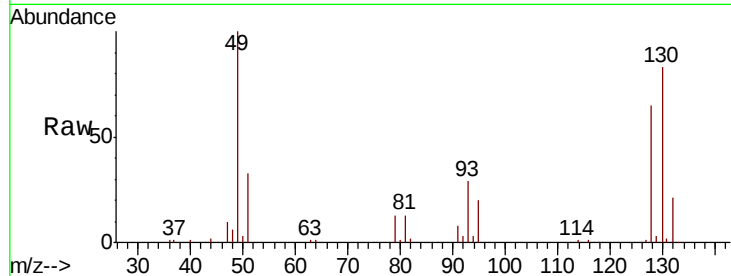
#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: VN050673.D
 Acq: 15 Aug 2018 23:29

Instrument :
 MSVOA_N
 ClientSampled :
 MH-94

Tot Ion	Ratio	Resp	Lower	Upper
128	100	112651		
49	155.0	0.0	378.3	
130	127.6	0.0	320.7	

Manual Integrations
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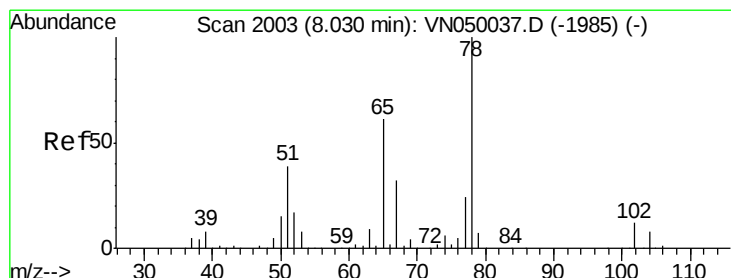
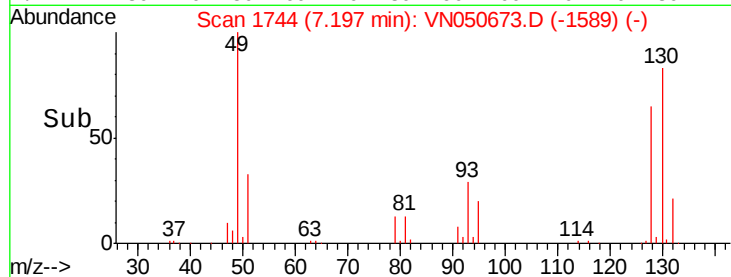
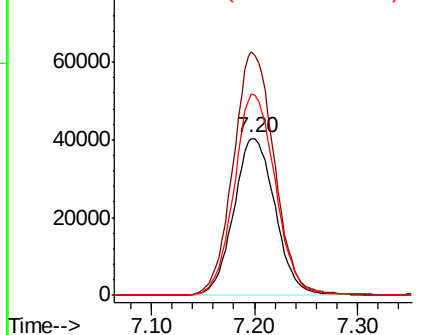


Abundance

Ion 128.00 (127.70 to 128.70): V

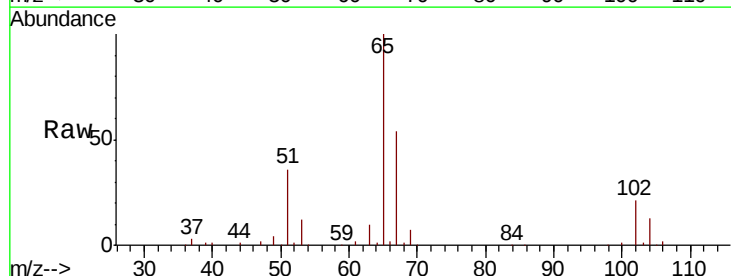
Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#27
 1,2-Dichloroethane-d4
 Concen: 29.86 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050673.D
 Acq: 15 Aug 2018 23:29

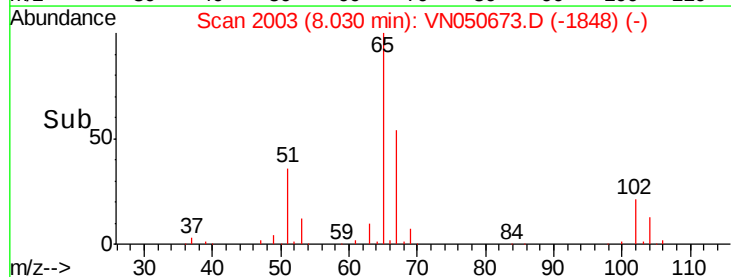
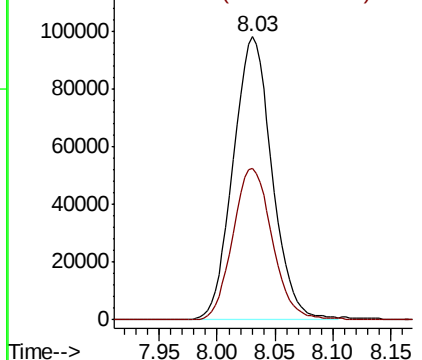
Tgt Ion	Ratio	Resp	Lower	Upper
65	100	228672		
67	54.4	42.7	64.1	

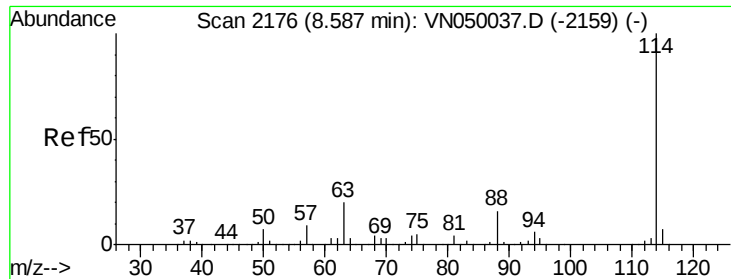


Abundance

Ion 65.00 (64.70 to 65.70): VN

Ion 67.00 (66.70 to 67.70): VN





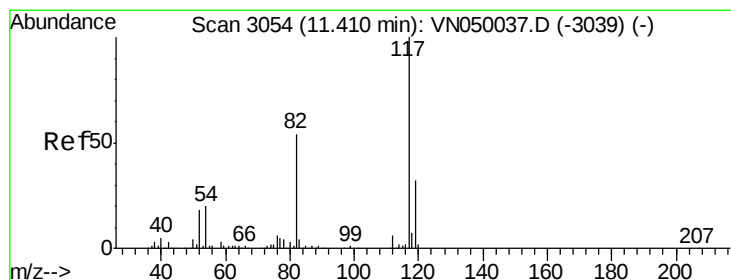
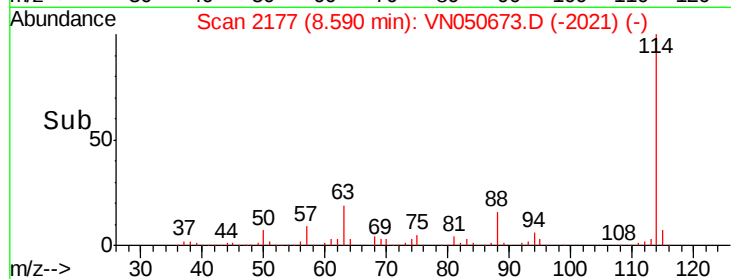
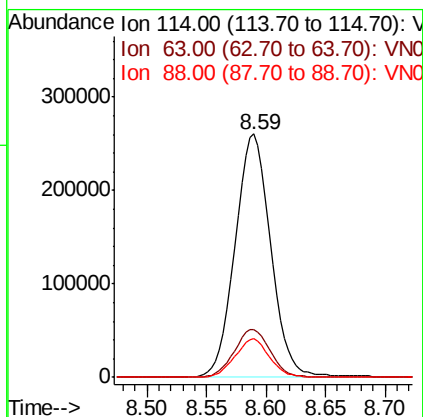
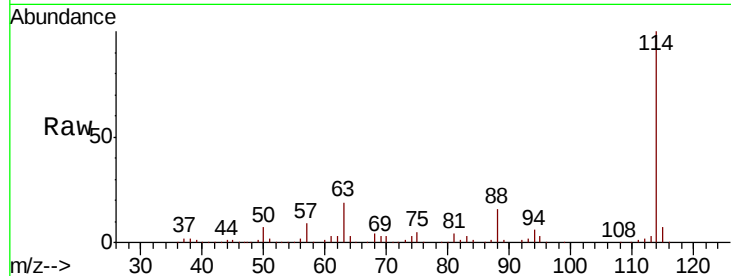
#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050673.D
 Acq: 15 Aug 2018 23:29

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-94

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	16.2	24.2
88	15.4	12.3	18.5

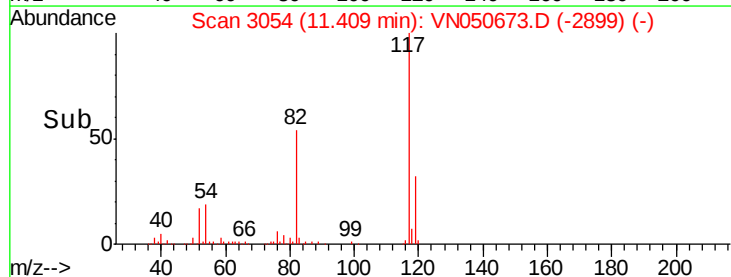
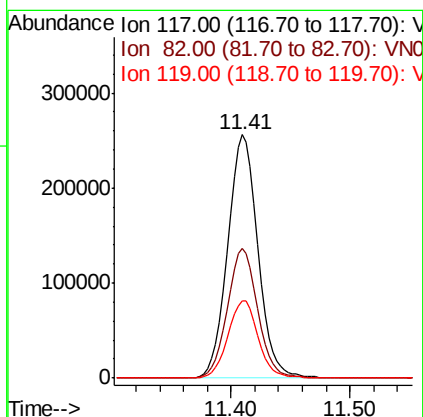
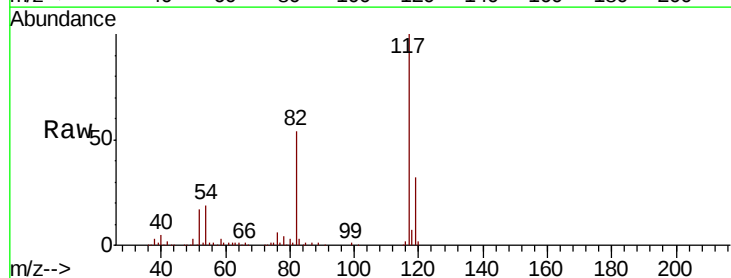
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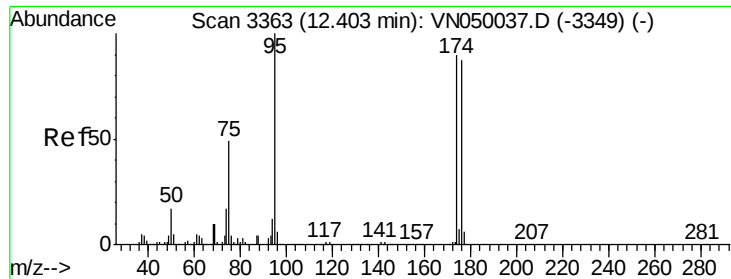
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#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 11.41 min Scan# 3054
 Delta R.T. -0.00 min
 Lab File: VN050673.D
 Acq: 15 Aug 2018 23:29

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.4	63.6
119	31.9	25.4	38.0





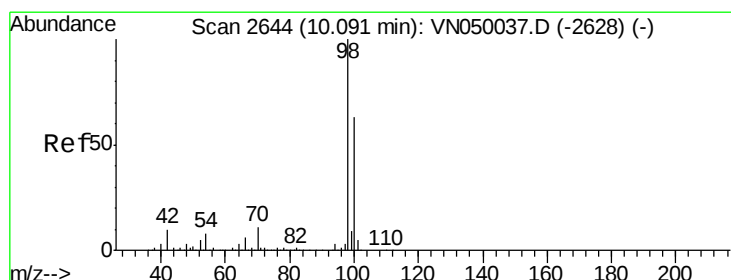
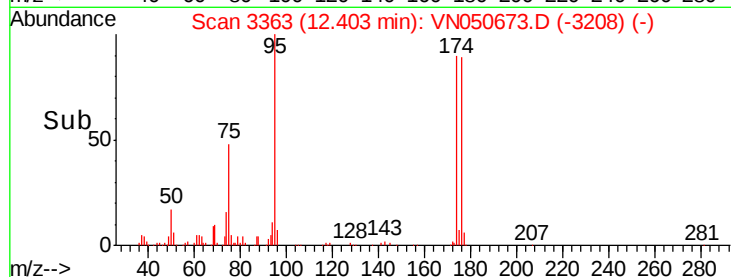
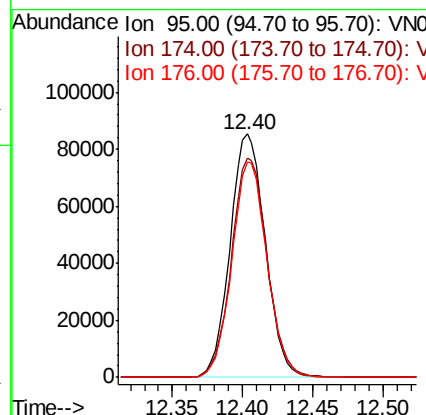
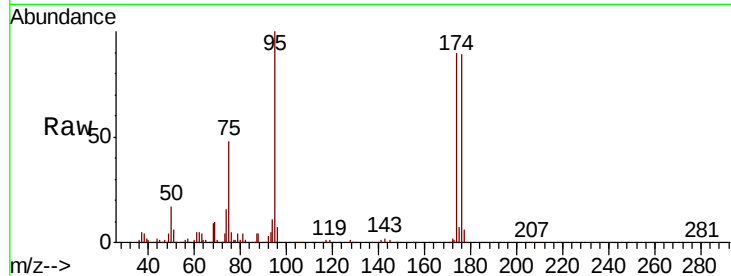
#60
4-Bromofluorobenzene
Concen: 21.58 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050673.D
Acq: 15 Aug 2018 23:29

Instrument :
MSVOA_N
ClientSampled :
MH-94

Tot Ion	Ratio	Lower	Upper
95	100		
174	91.3	72.3	108.5
176	87.9	70.0	105.0

Manual Integrations
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#63
Toluene-d8
Concen: 29.81 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050673.D
Acq: 15 Aug 2018 23:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.5	51.2	76.8

