

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080918\
 Data File : VN050503.D
 Acq On : 9 Aug 2018 23:17
 Operator : MD\SY
 Sample : J4352-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIPBLANK

Manual Integrations
 APPROVED

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 8/10/2018 10:53:17 AM

Quant Time: Aug 10 08:55:44 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	127276	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	652745	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	545992	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	258788	29.91	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.70%
60) 4-Bromofluorobenzene	12.40	95	195062	23.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	77.50%
63) Toluene-d8	10.09	98	756554	29.01	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.70%

Target Compounds	Ovalue

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

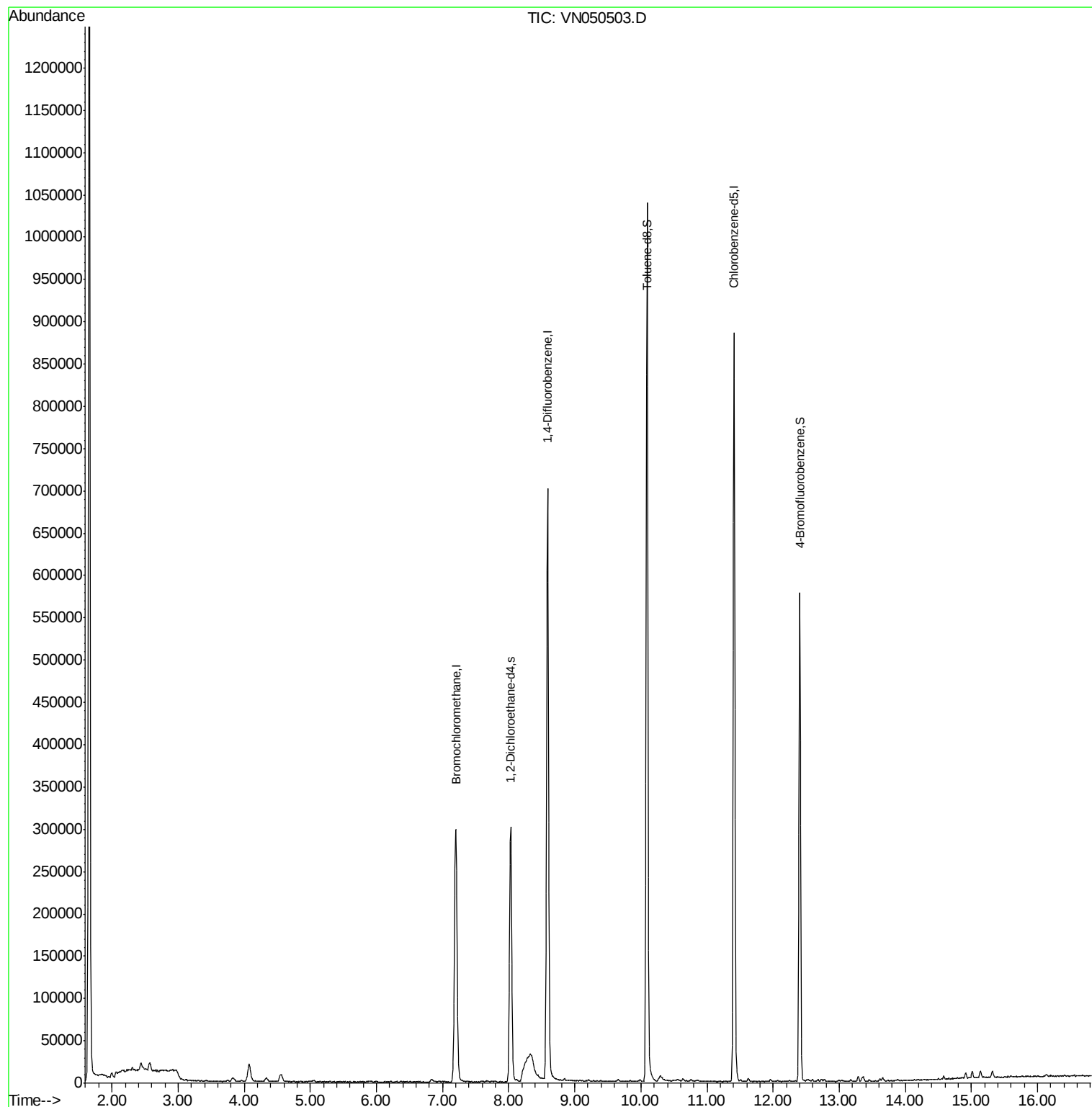
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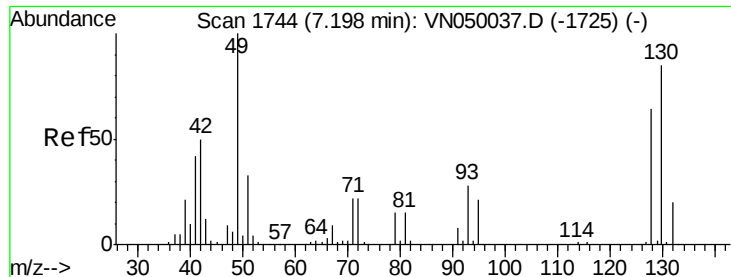
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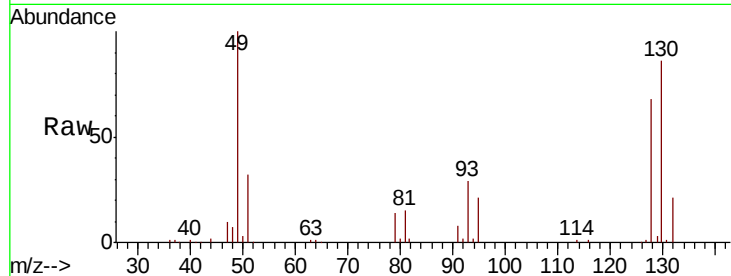
#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN050503.D
 Acq: 9 Aug 2018 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
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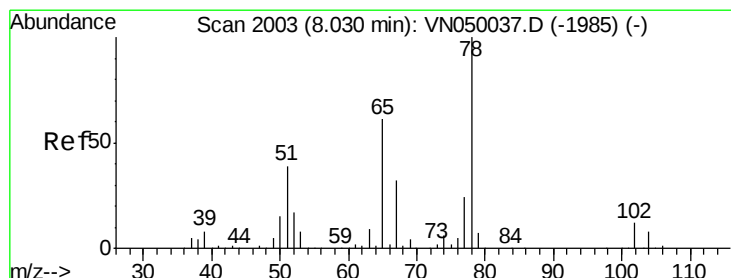
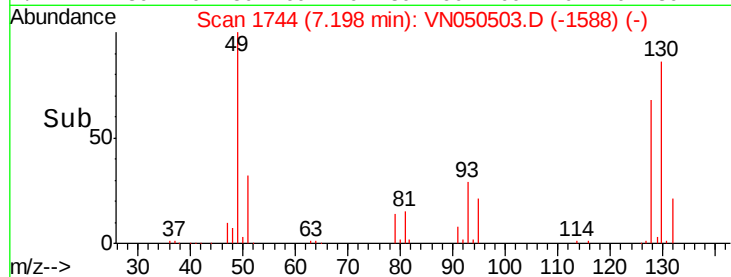
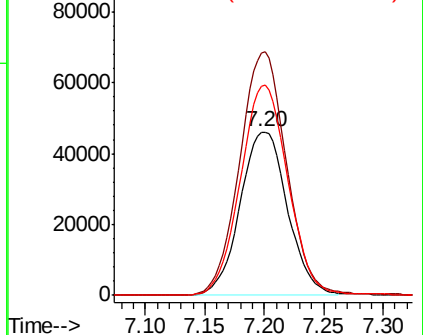
Tot Ion	Ratio	Resp	Lower	Upper
128	100	127276		
49	147.9	0.0	378.3	
130	129.1	0.0	320.7	

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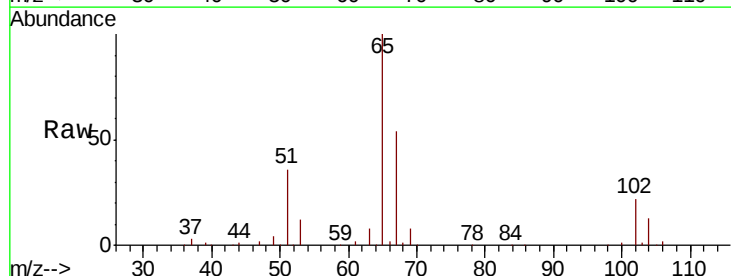


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

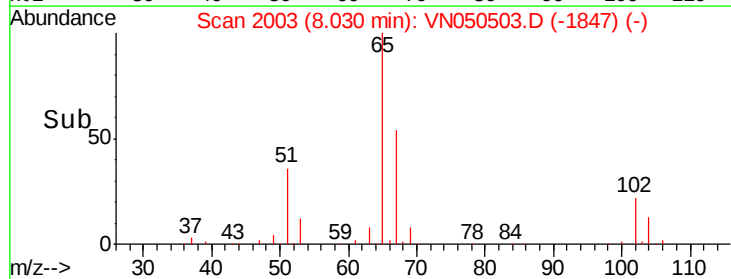
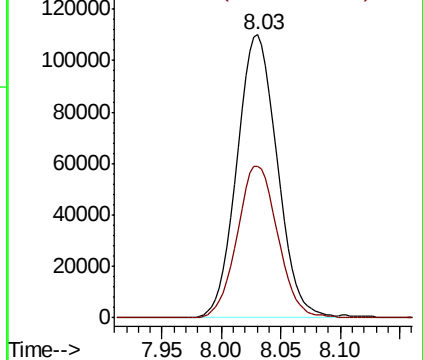


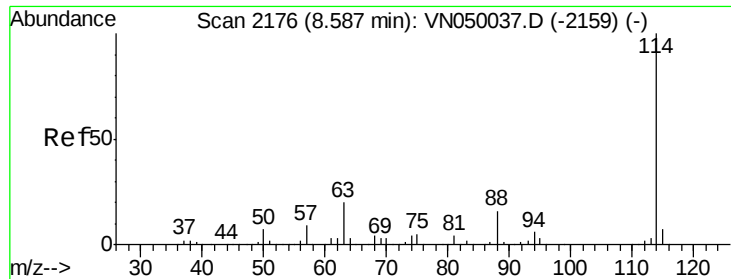
#27
 1,2-Dichloroethane-d4
 Concen: 29.91 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050503.D
 Acq: 9 Aug 2018 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	258788		
67	54.3	42.7	64.1	



Abundance Ion 65.00 (64.70 to 65.70): VN
 Ion 67.00 (66.70 to 67.70): VN





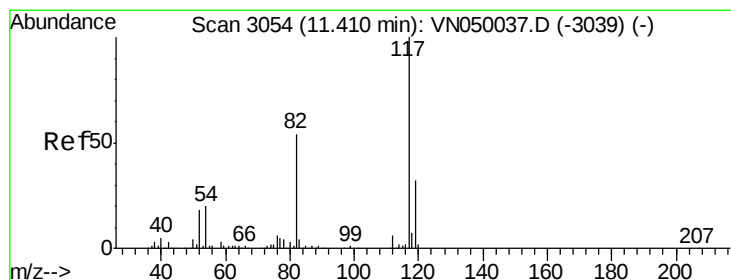
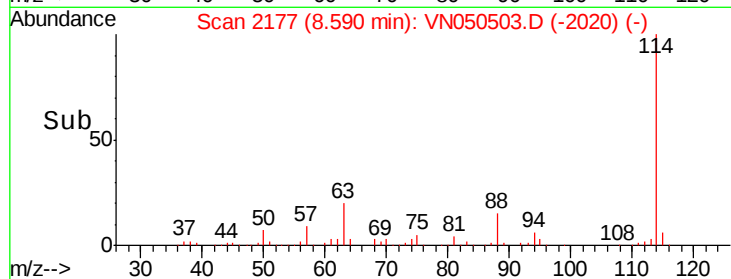
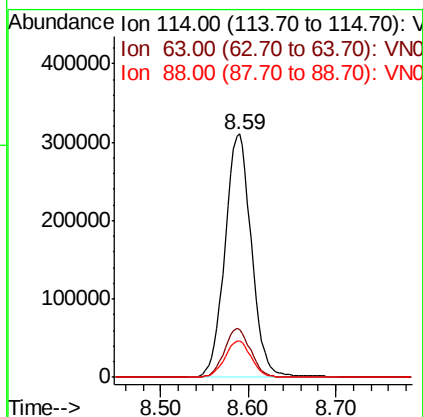
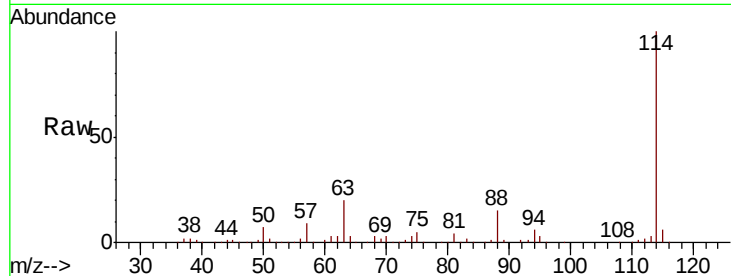
#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050503.D
 Acq: 9 Aug 2018 23:17

Instrument :
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Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	16.2	24.2
88	15.0	12.3	18.5

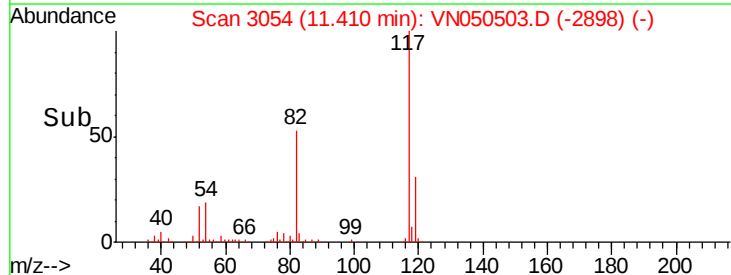
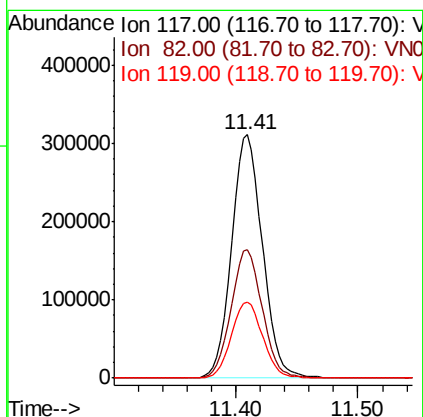
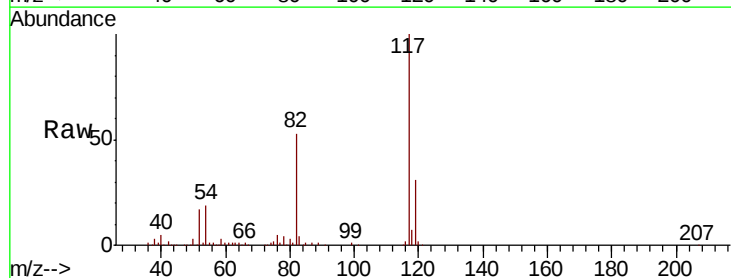
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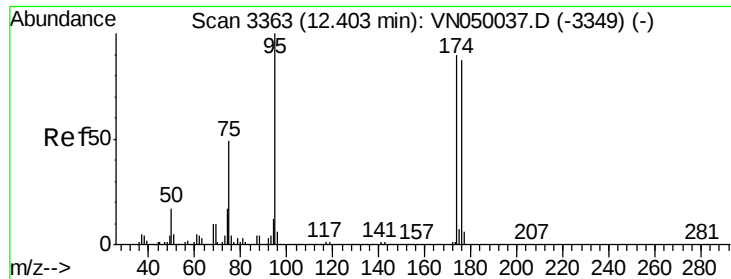
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#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 11.41 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VN050503.D
 Acq: 9 Aug 2018 23:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.4	63.6
119	31.9	25.4	38.0





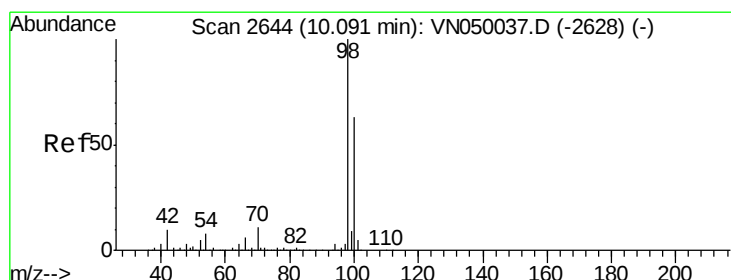
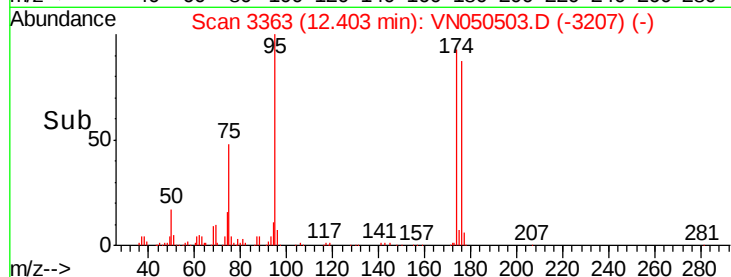
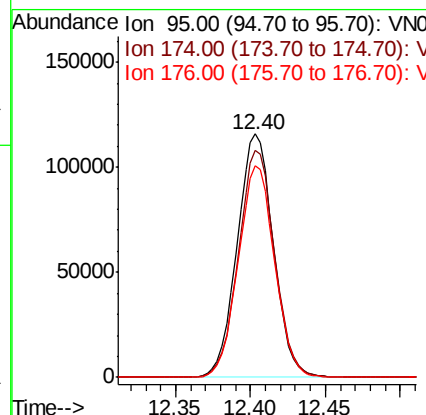
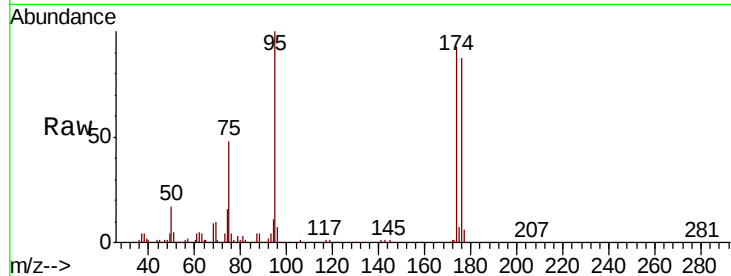
#60
4-Bromofluorobenzene
Concen: 23.25 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050503.D
Acq: 9 Aug 2018 23:17

Instrument :
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Tot Ion	Ratio	Lower	Upper
95	100		
174	93.3	72.3	108.5
176	87.4	70.0	105.0

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#63
Toluene-d8
Concen: 29.01 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050503.D
Acq: 9 Aug 2018 23:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.2	76.8

