

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092619\
Data File : VN058375.D
Acq On : 26 Sep 2019 11:17
Operator : JC/SP
Sample : K5042-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
55-ST-21

Quant Time: Sep 27 11:23:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 25 01:36:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	76163	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	435128	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	374385	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	208494	30.97	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.23%
60) 4-Bromofluorobenzene	12.41	95	172332	26.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.67%
63) Toluene-d8	10.08	98	543881	30.44	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.47%

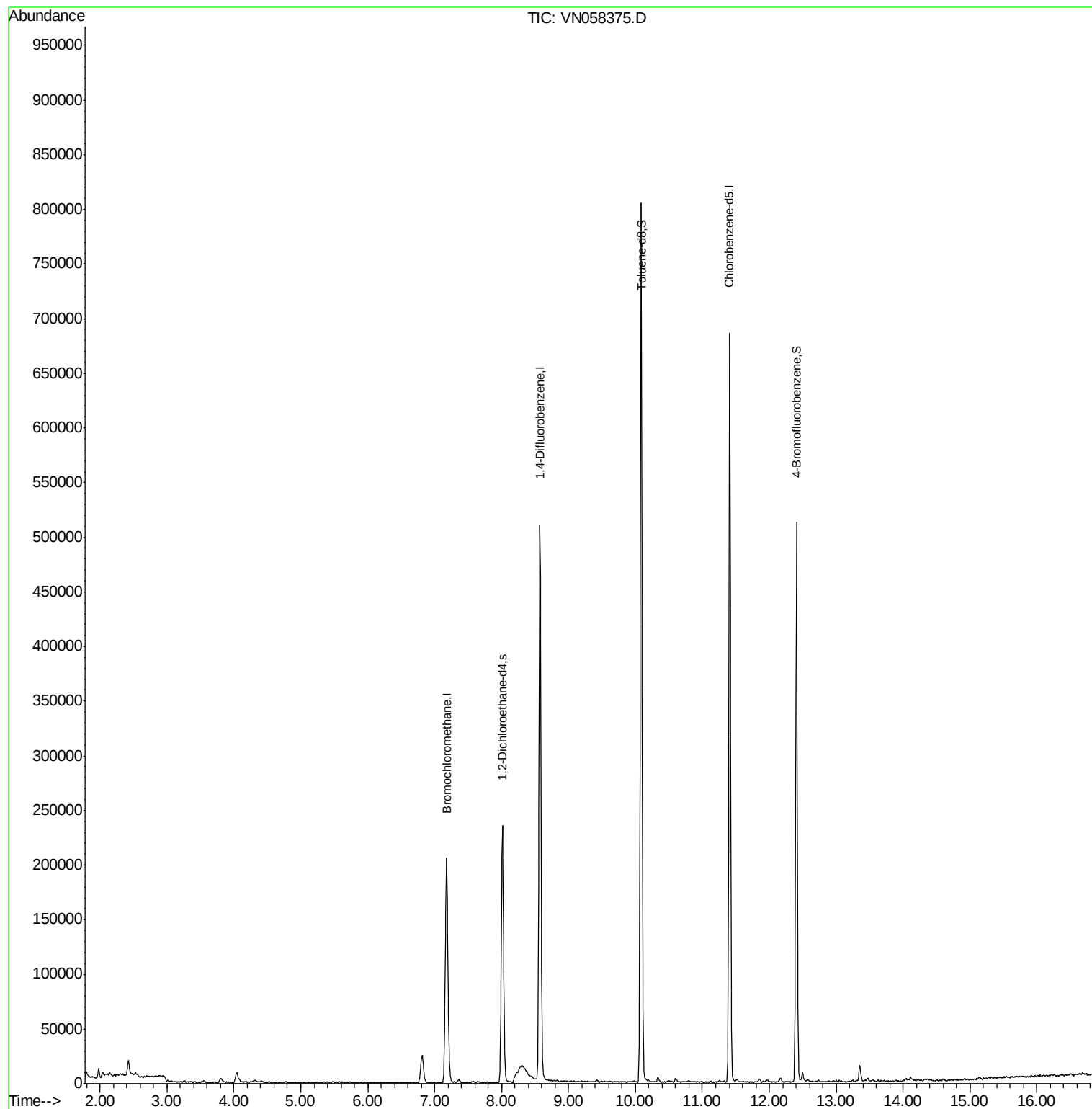
Target Compounds	Ovalue
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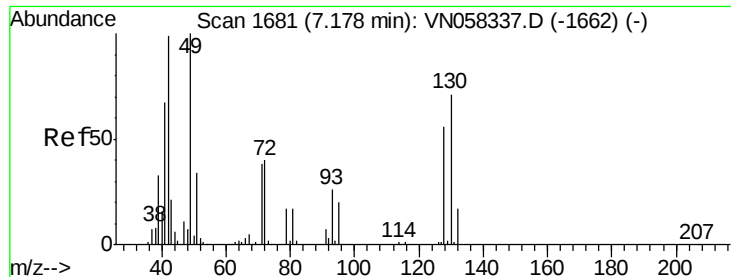
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 25 01:36:25 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN058375.D

Acq: 26 Sep 2019 11:17

Instrument :

MSVOA_N

ClientSampled :

55-ST-21

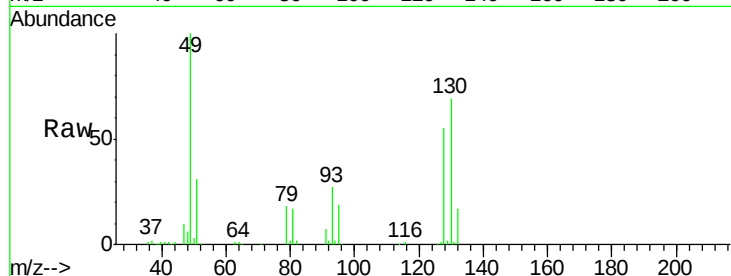
Tot Ion:128 Resp: 76163

Ion Ratio Lower Upper

128 100

49 182.0 0.0 458.5

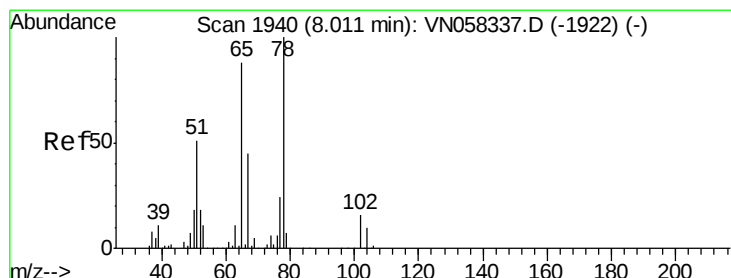
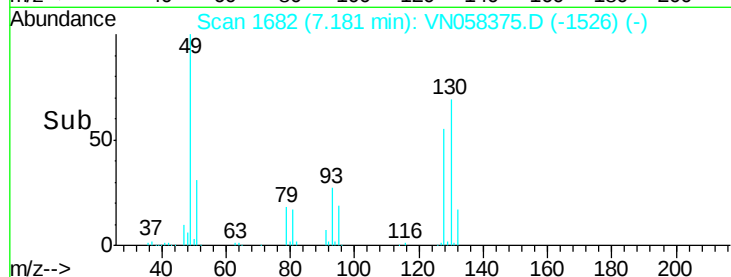
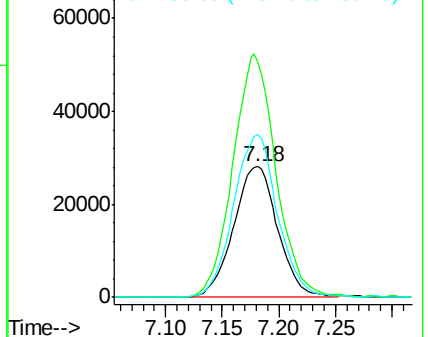
130 124.7 0.0 320.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VNO

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 30.967 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058375.D

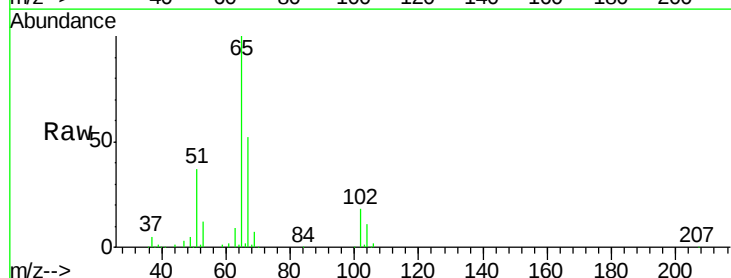
Acq: 26 Sep 2019 11:17

Tgt Ion: 65 Resp: 208494

Ion Ratio Lower Upper

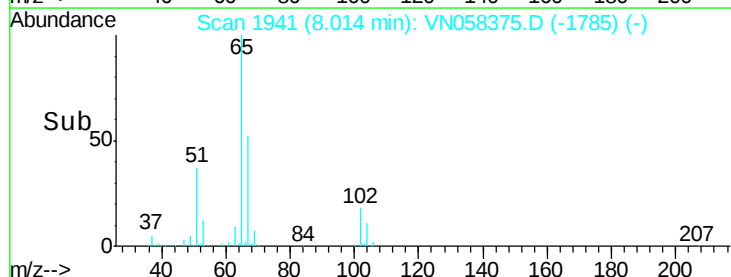
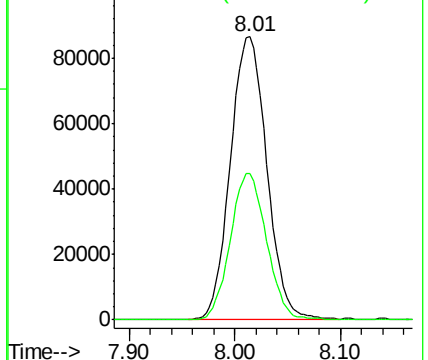
65 100

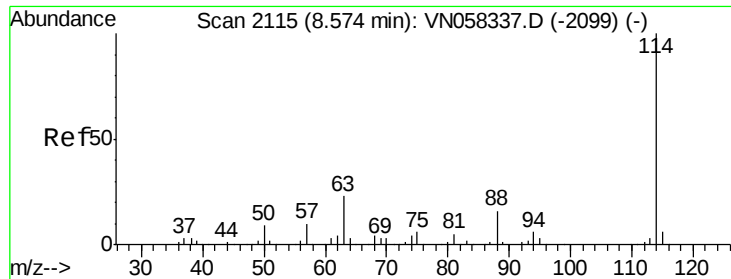
67 51.3 40.4 60.6



Abundance Ion 65.00 (64.70 to 65.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

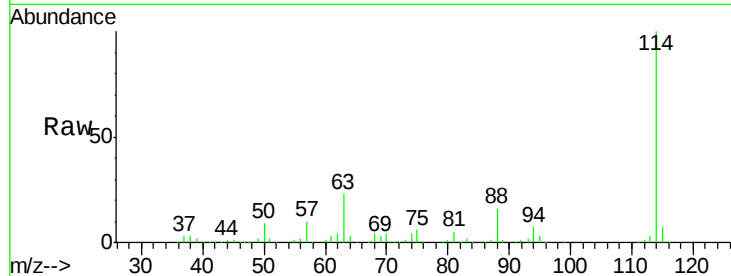




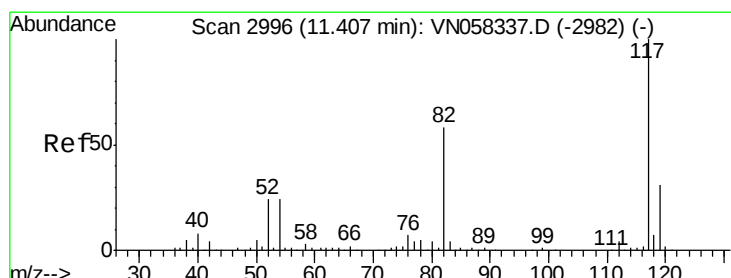
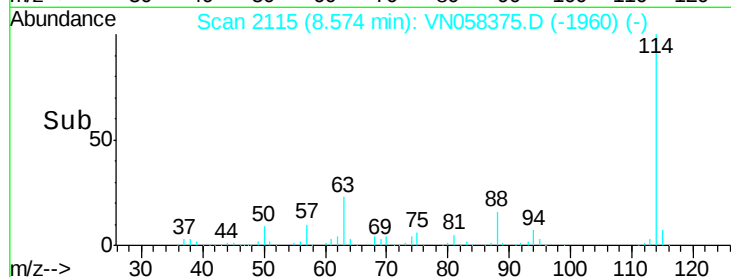
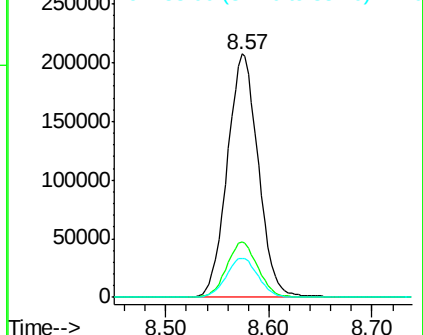
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058375.D
 Acq: 26 Sep 2019 11:17

Instrument :
 MSVOA_N
 ClientSampled :
 55-ST-21

Tot Ion:114 Resp: 435128
 Ion Ratio Lower Upper
 114 100
 63 22.8 17.8 26.8
 88 16.4 12.7 19.1

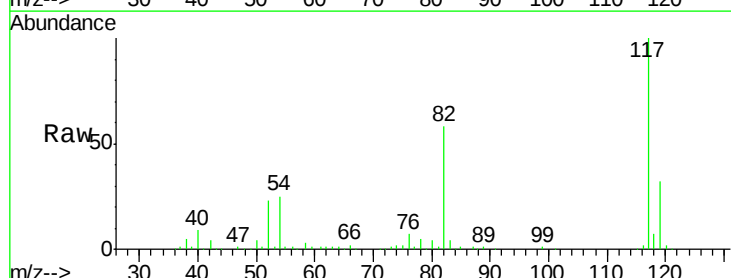


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 88.00 (87.70 to 88.70): VNO

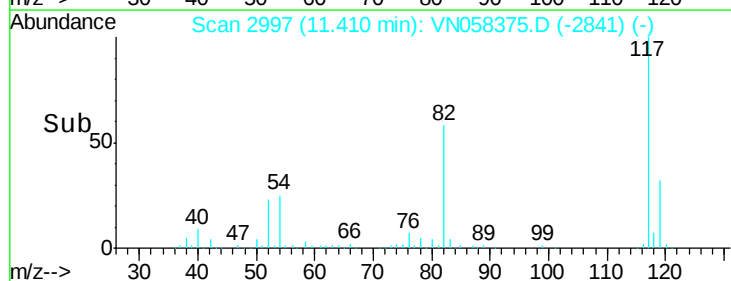
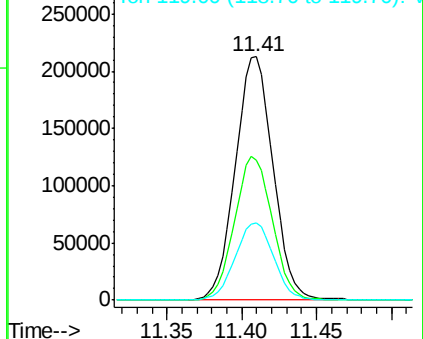


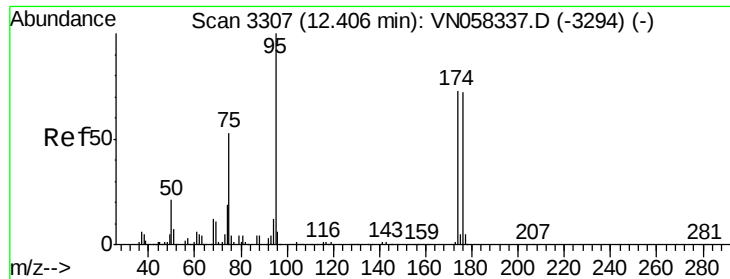
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. 0.00 min
 Lab File: VN058375.D
 Acq: 26 Sep 2019 11:17

Tgt Ion:117 Resp: 374385
 Ion Ratio Lower Upper
 117 100
 82 59.0 46.4 69.6
 119 32.4 25.1 37.7



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VNO
 Ion 119.00 (118.70 to 119.70): V

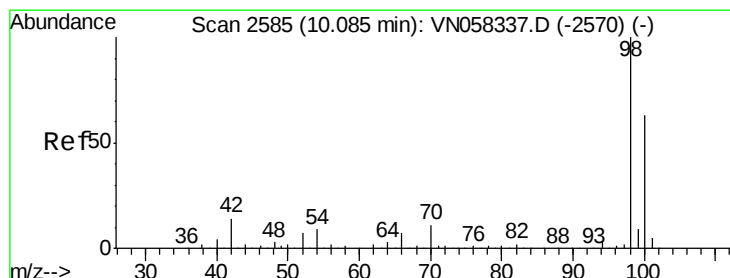
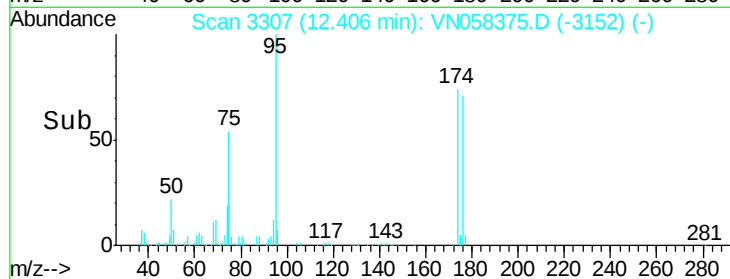
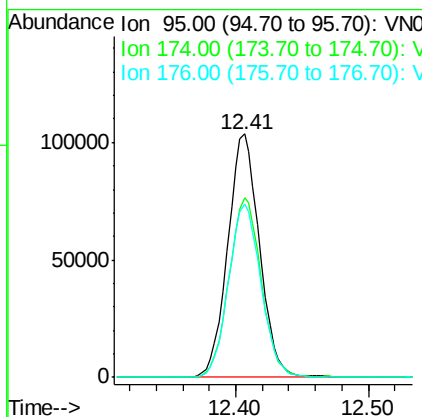
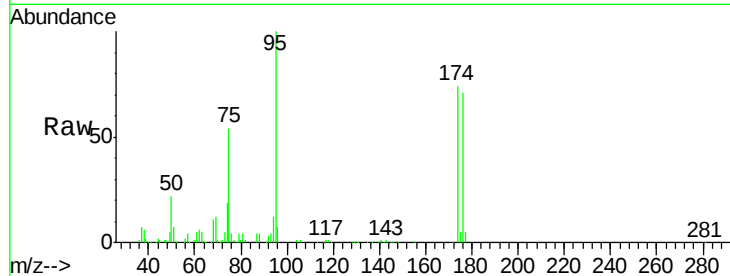




#60
4-Bromofluorobenzene
Concen: 26.603 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN058375.D
Acq: 26 Sep 2019 11:17

Instrument :
MSVOA_N
ClientSampled :
55-ST-21

Tot Ion: 95 Resp: 172332
Ion Ratio Lower Upper
95 100
174 74.8 59.0 88.6
176 72.5 58.2 87.2



#63
Toluene-d8
Concen: 30.440 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058375.D
Acq: 26 Sep 2019 11:17

Tgt Ion: 98 Resp: 543881
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2

