

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051746.D
 Acq On : 9 Oct 2018 12:53
 Operator : MD\SY
 Sample : J5330-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Oct 10 10:06:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 05 11:11:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	111289	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	614195	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	497993	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	223138	28.89	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.30%
60) 4-Bromofluorobenzene	12.40	95	169886	22.36	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	74.53%
63) Toluene-d8	10.09	98	695253	31.44	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.80%

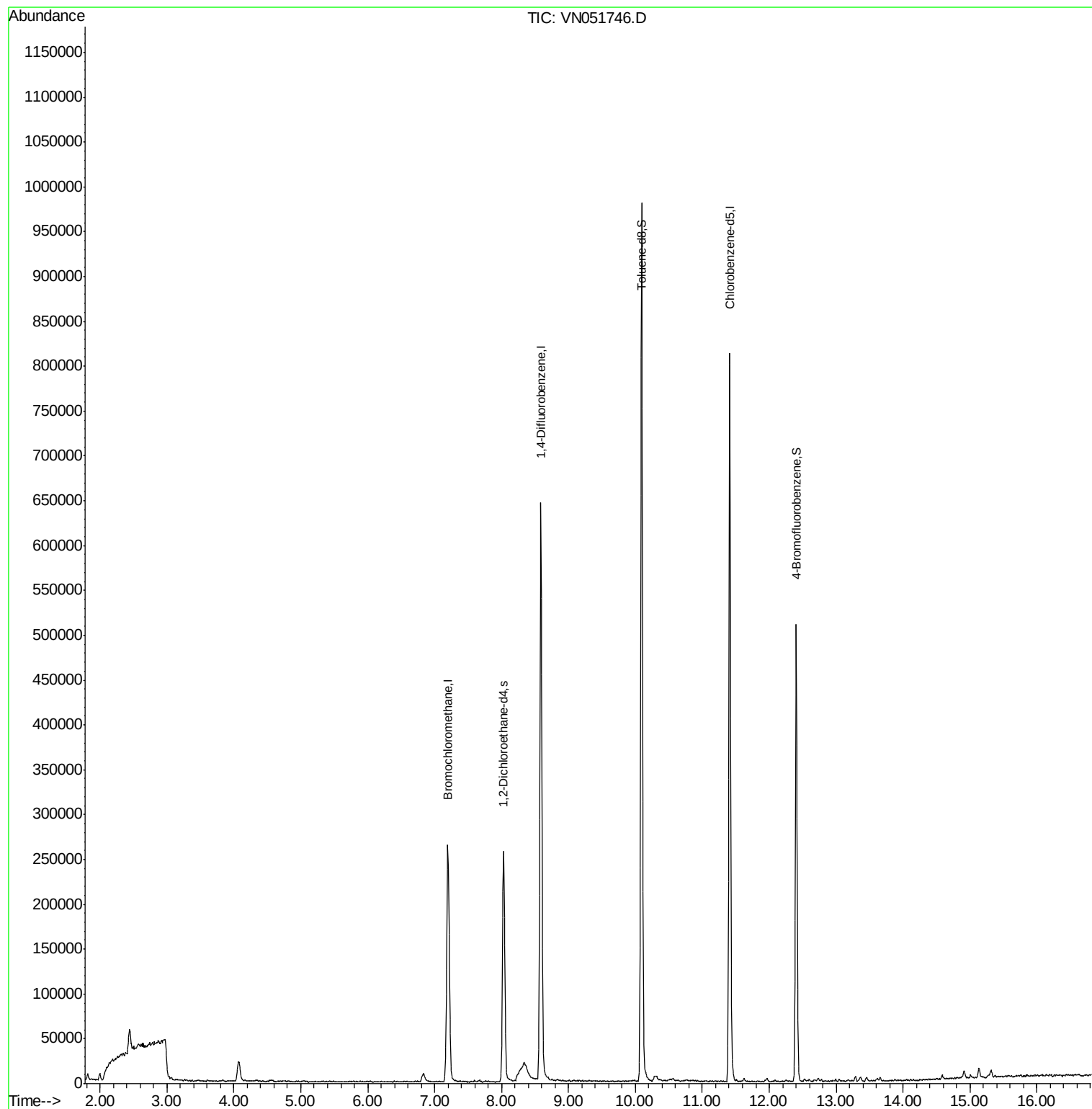
Target Compounds	Ovalue

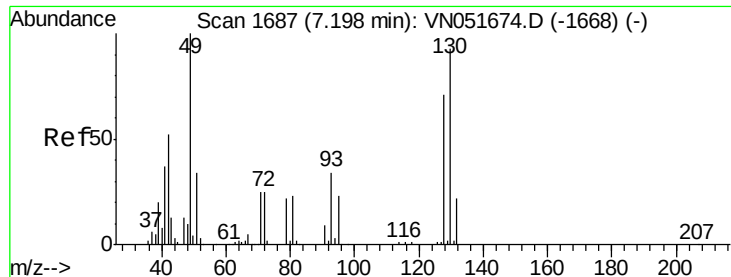
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN051746.D

Acq: 9 Oct 2018 12:53

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ClientSampleId :

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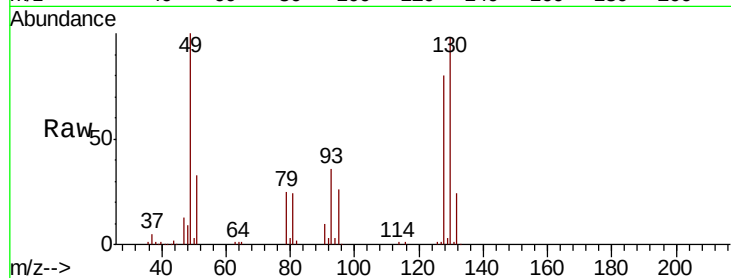
Tot Ion:128 Resp: 111289

Ion Ratio Lower Upper

128 100

49 126.9 0.0 403.3

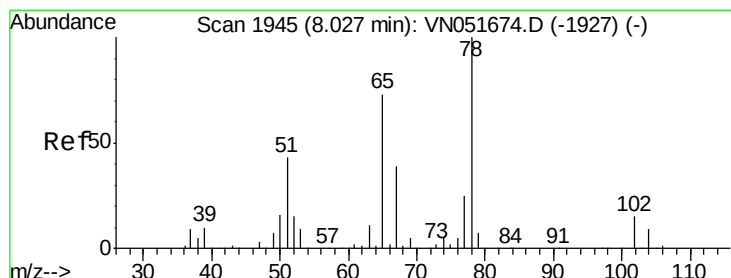
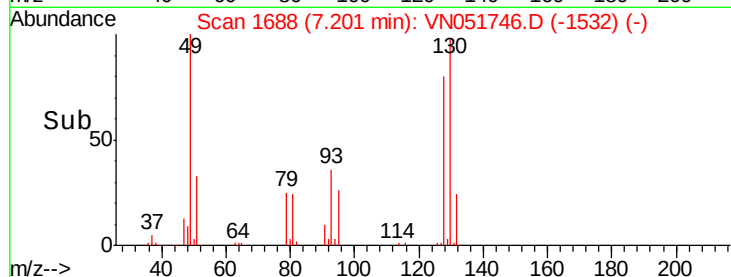
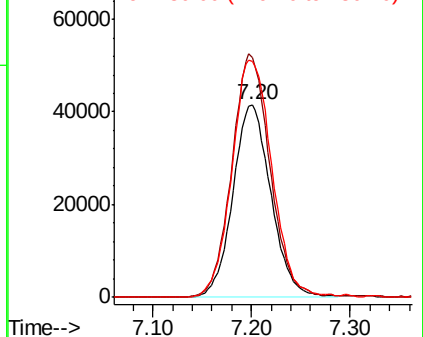
130 129.2 0.0 326.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051746.D

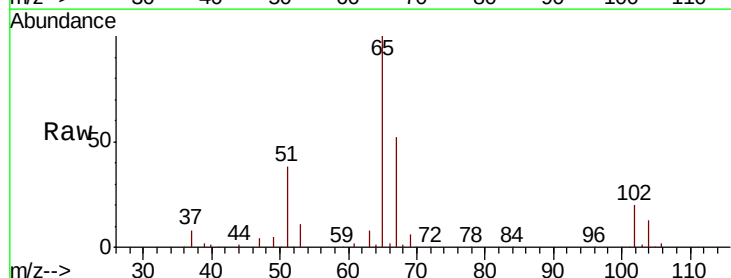
Acq: 9 Oct 2018 12:53

Tgt Ion: 65 Resp: 223138

Ion Ratio Lower Upper

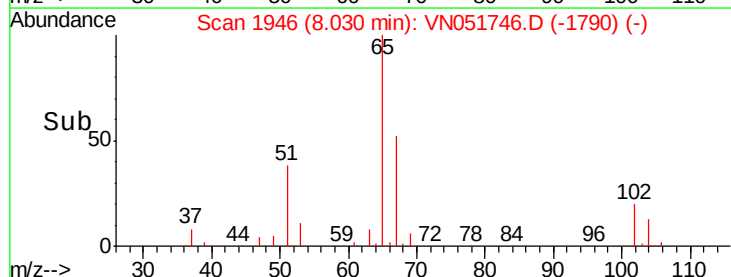
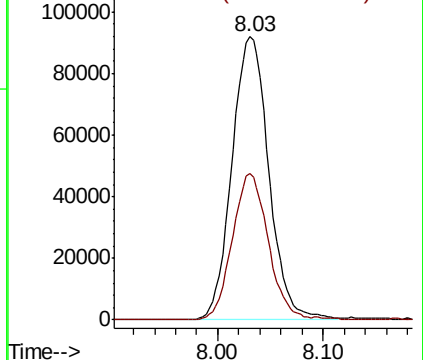
65 100

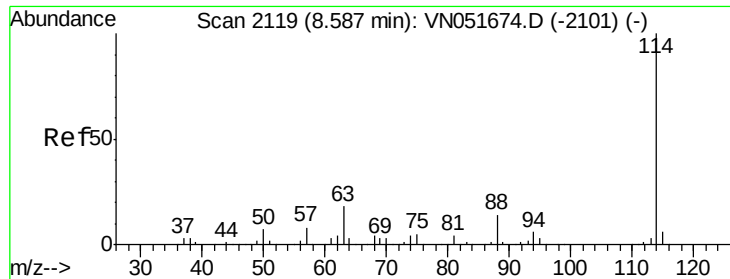
67 50.3 41.8 62.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

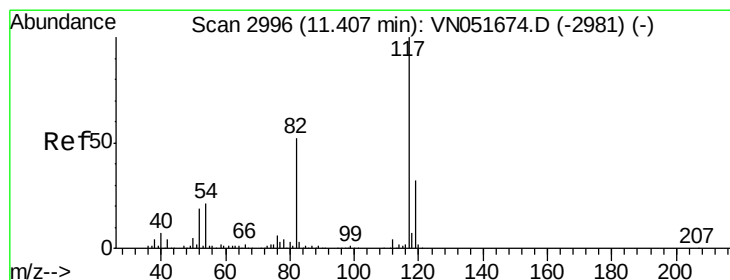
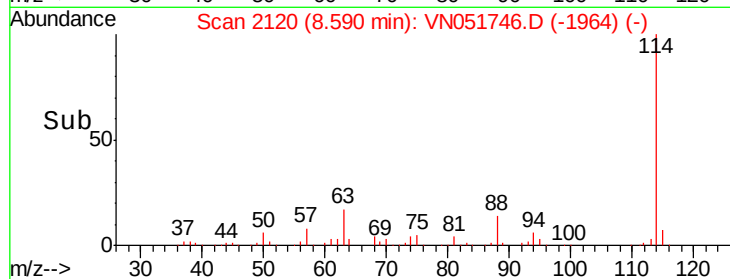
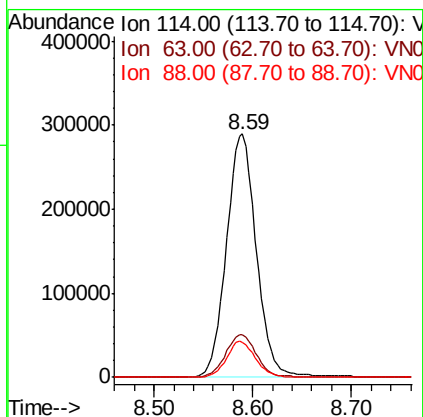
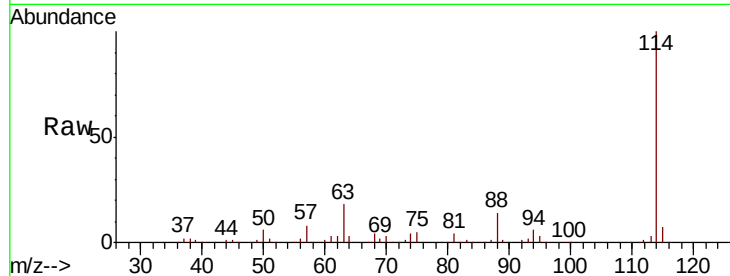




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051746.D
 Acq: 9 Oct 2018 12:53

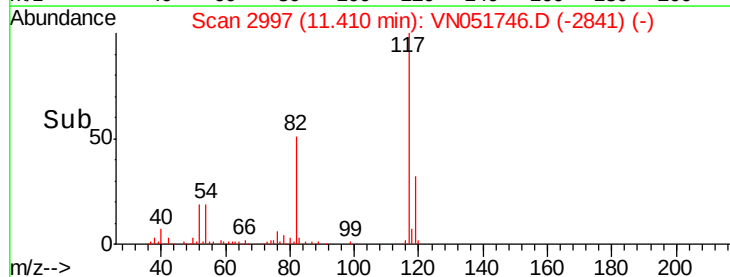
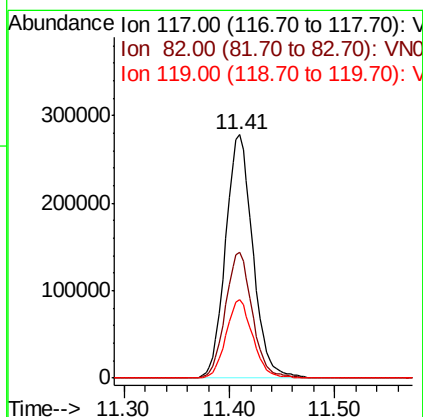
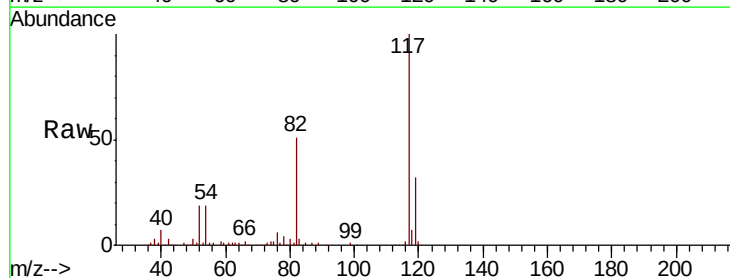
Instrument :
 MSVOA_N
 ClientSampleId :
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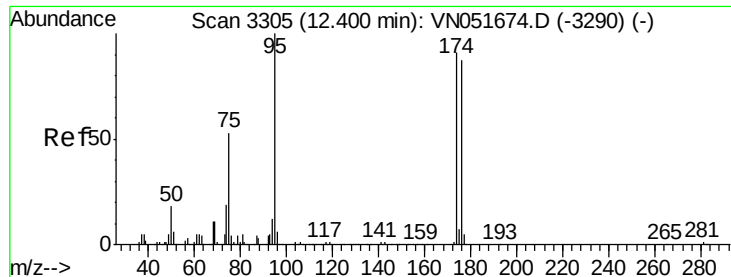
Tot Ion:114 Resp: 614195
 Ion Ratio Lower Upper
 114 100
 63 18.0 16.2 24.2
 88 14.4 12.2 18.4



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. 0.00 min
 Lab File: VN051746.D
 Acq: 9 Oct 2018 12:53

Tgt Ion:117 Resp: 497993
 Ion Ratio Lower Upper
 117 100
 82 51.1 44.1 66.1
 119 31.6 25.8 38.8

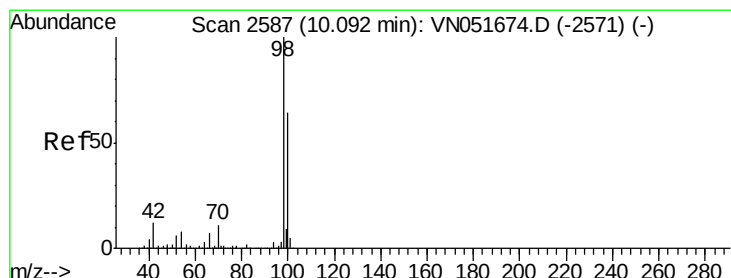
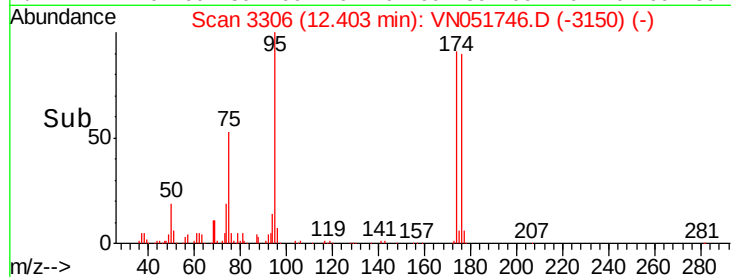
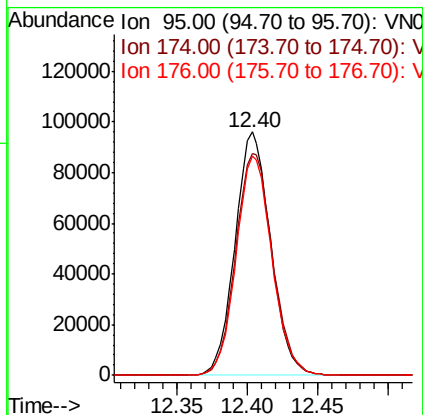
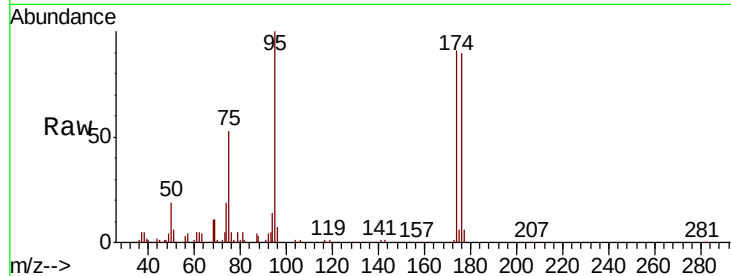




#60
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN051746.D
 Acq: 9 Oct 2018 12:53

Instrument :
 MSVOA_N
 ClientSampled :
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Tot Ion: 95 Resp: 169886
 Ion Ratio Lower Upper
 95 100
 174 93.9 73.5 110.3
 176 90.5 70.2 105.2



#63
 Toluene-d8
 Concen: Below ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN051746.D
 Acq: 9 Oct 2018 12:53

Tgt Ion: 98 Resp: 695253
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.8 76.2

