

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030119\
 Data File : VN054028.D
 Acq On : 1 Mar 2019 14:37
 Operator : JC/SP
 Sample : K1683-01 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-2

Quant Time: Mar 02 00:07:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N030119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 01 11:11:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	113505	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	604685	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	504852	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	244421	30.66	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.20%
60) 4-Bromofluorobenzene	12.40	95	197714	25.59	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	85.30%
63) Toluene-d8	10.09	98	728986	30.01	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.03%

Target Compounds

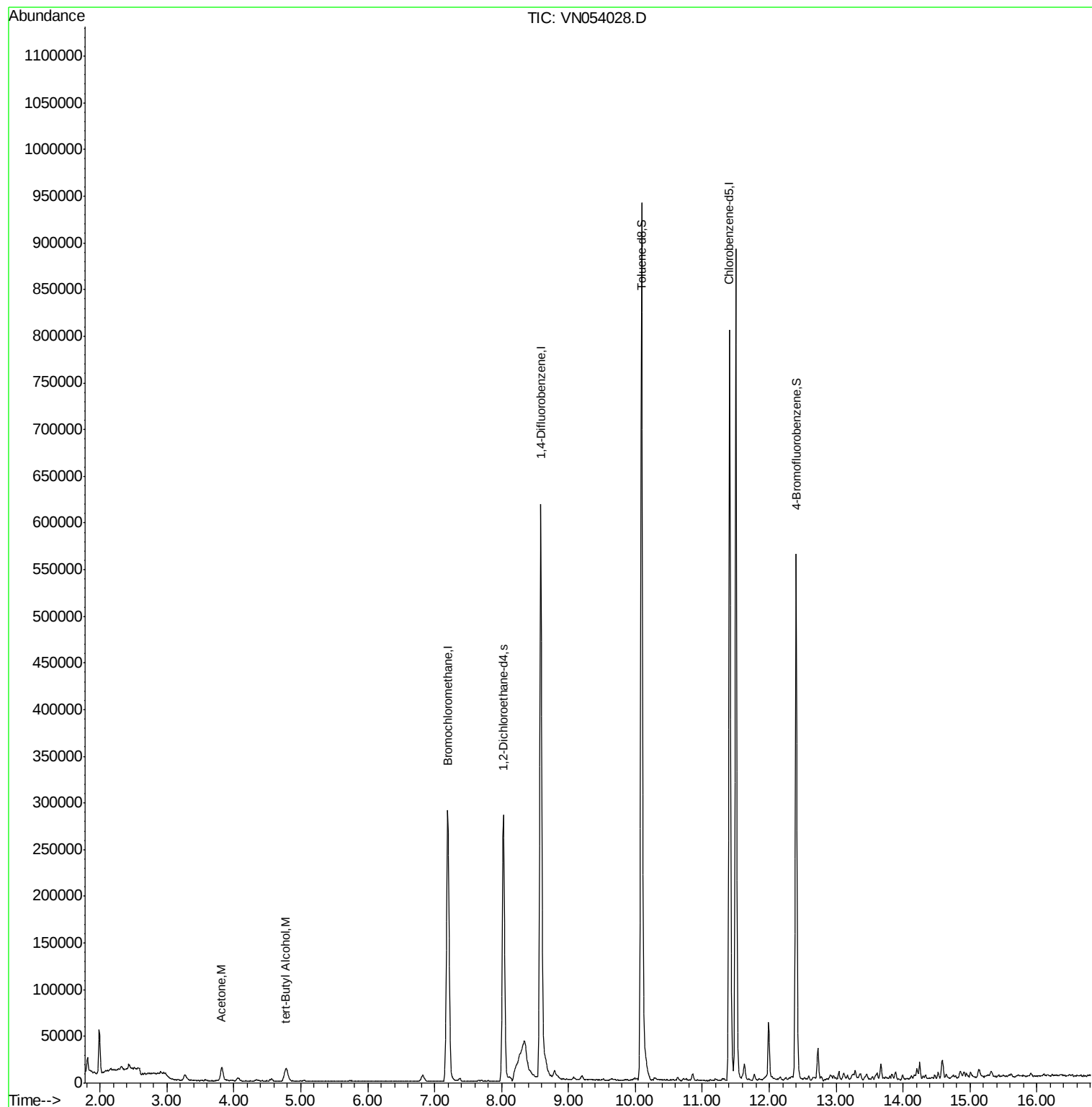
					Ovalue
15) Acetone	3.82	58	8790	12.032	ug/l 85
23) tert-Butyl Alcohol	4.78	59	24122	53.128	ug/l # 100

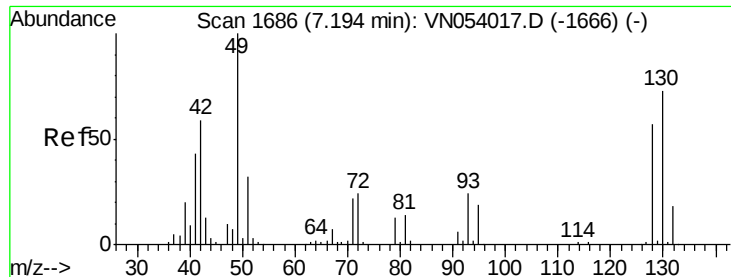
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 01 11:11:48 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN054028.D

Acq: 1 Mar 2019 14:37

Instrument :

MSVOA_N

ClientSampled :

55-ST-2

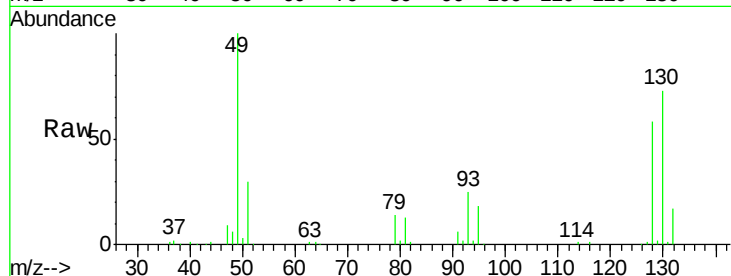
Tot Ion:128 Resp: 113505

Ion Ratio Lower Upper

128 100

49 176.8 0.0 431.8

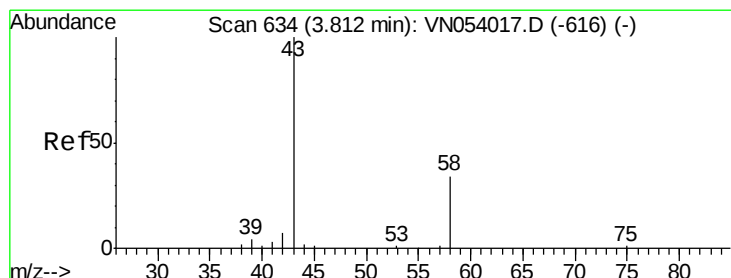
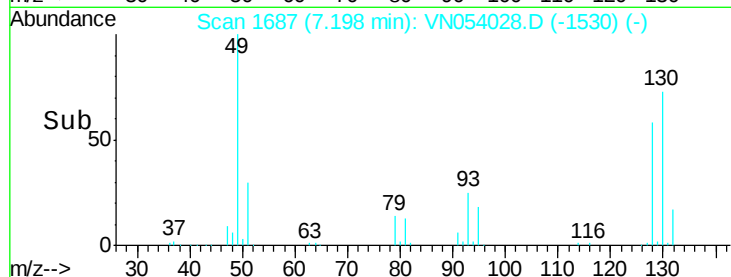
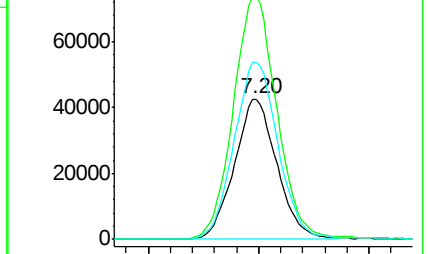
130 130.4 0.0 317.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 12.032 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN054028.D

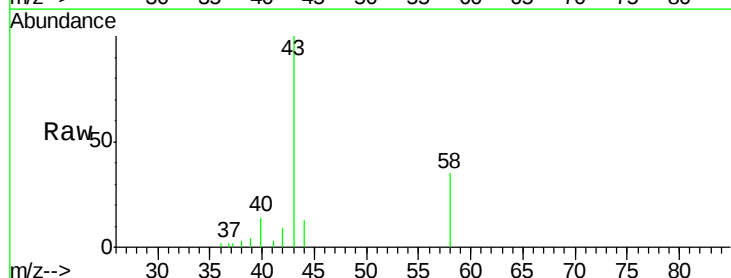
Acq: 1 Mar 2019 14:37

Tgt Ion: 58 Resp: 8790

Ion Ratio Lower Upper

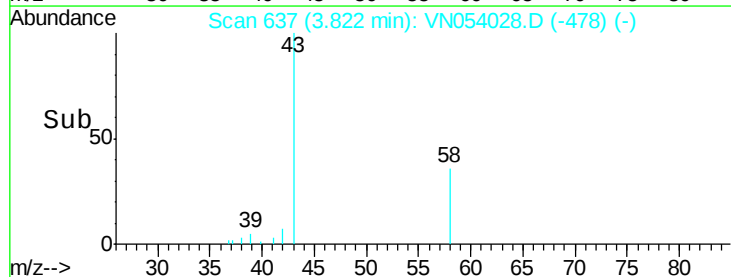
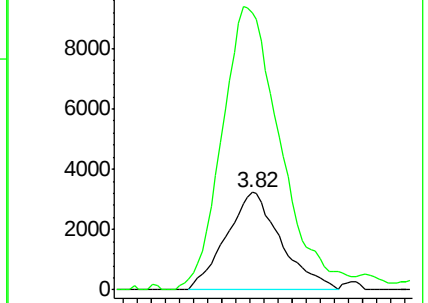
58 100

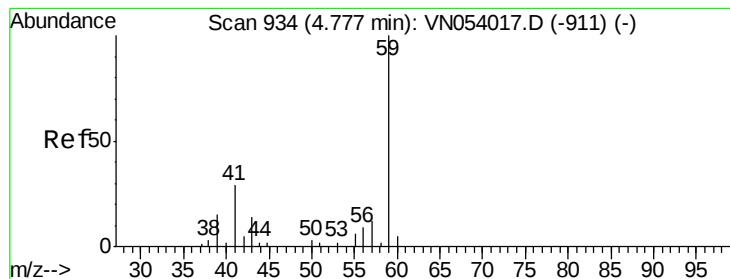
43 273.9 243.6 365.4



Abundance Ion 58.00 (57.70 to 58.70): V

Ion 43.00 (42.70 to 43.70): V



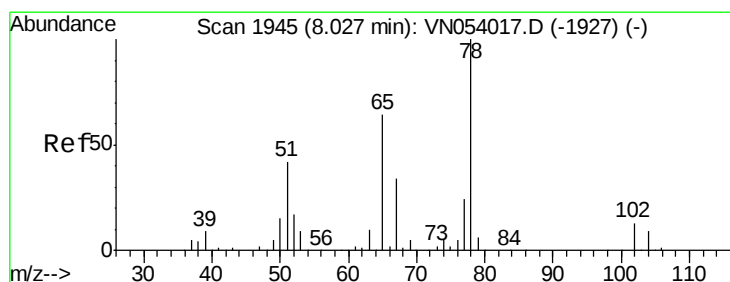
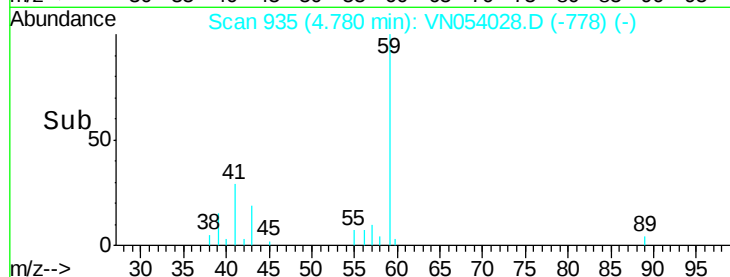
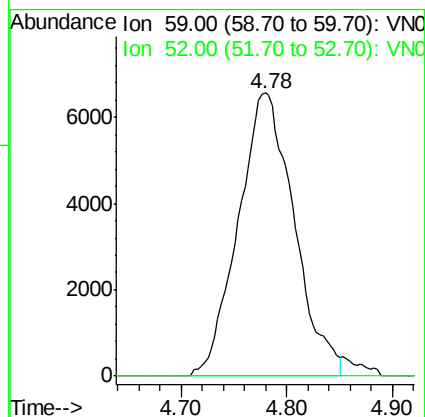
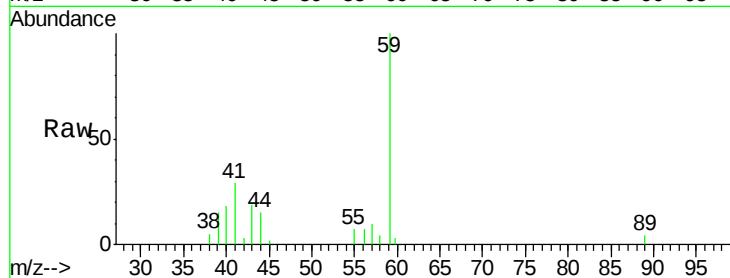


#23

tert-Butyl Alcohol
 Concen: 53.128 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VN054028.D
 Acq: 1 Mar 2019 14:37

Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-2

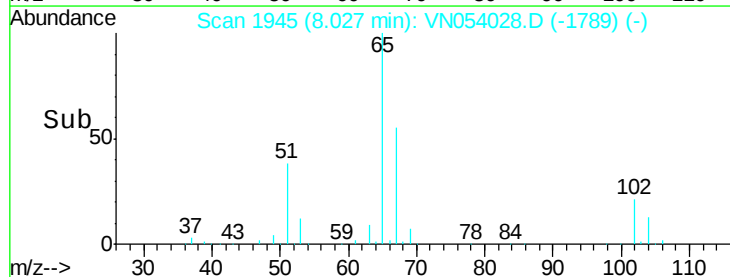
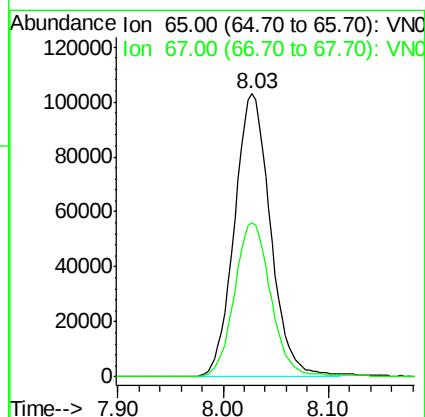
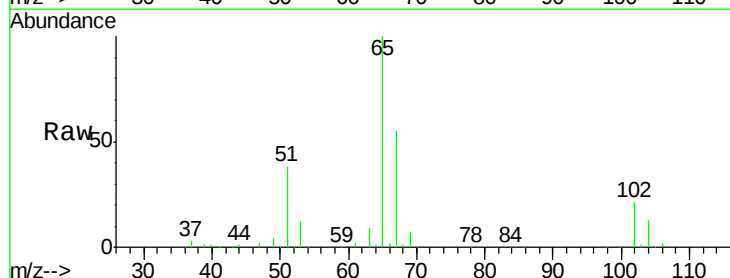
Tot Ion: 59 Resp: 24122
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

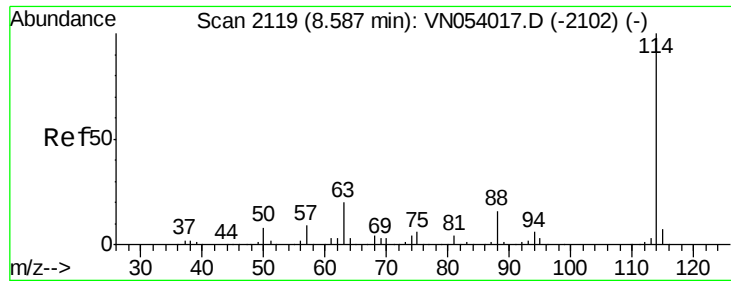


#27

1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054028.D
 Acq: 1 Mar 2019 14:37

Tgt Ion: 65 Resp: 244421
 Ion Ratio Lower Upper
 65 100
 67 54.9 44.6 66.8

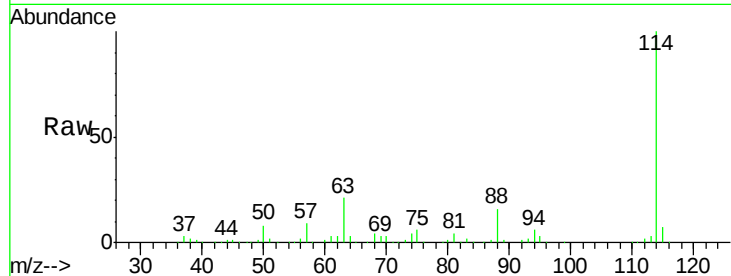




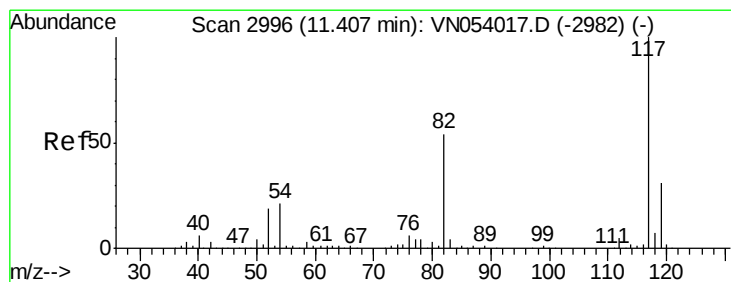
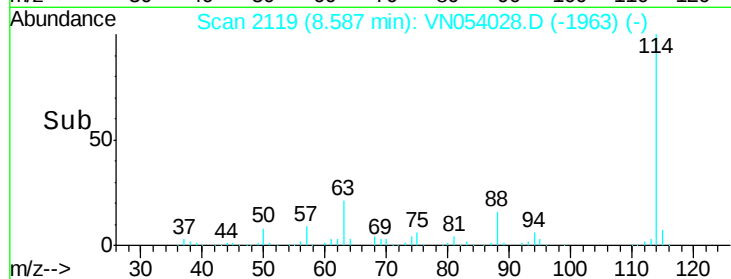
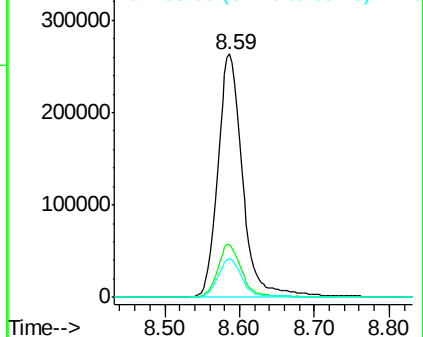
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054028.D
 Acq: 1 Mar 2019 14:37

Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-2

Tot Ion:114 Resp: 604685
 Ion Ratio Lower Upper
 114 100
 63 20.8 16.9 25.3
 88 15.7 12.8 19.2

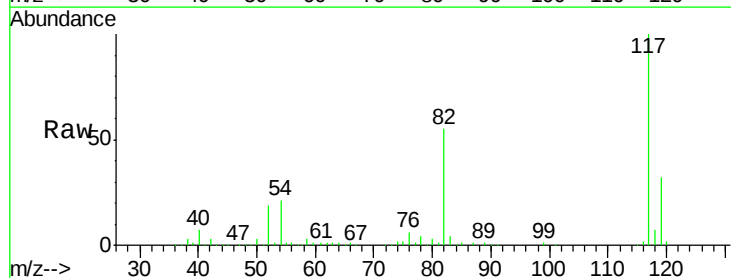


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

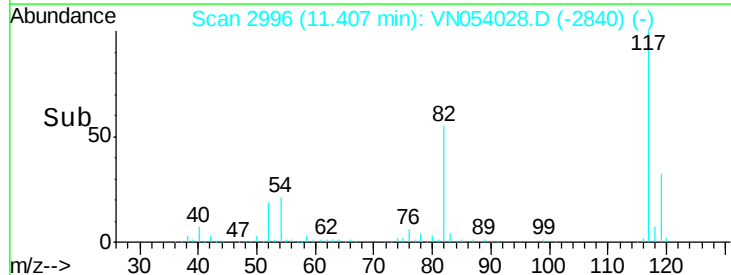
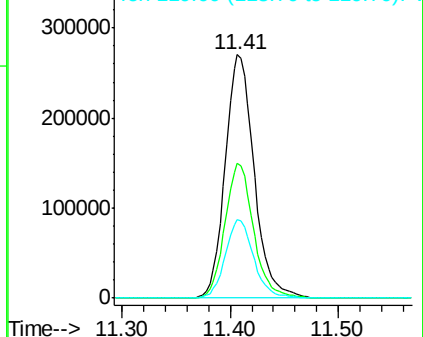


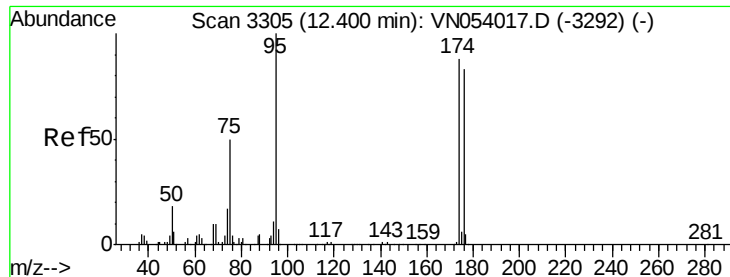
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN054028.D
 Acq: 1 Mar 2019 14:37

Tgt Ion:117 Resp: 504852
 Ion Ratio Lower Upper
 117 100
 82 54.8 44.2 66.2
 119 31.7 25.4 38.2



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





#60

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054028.D

Acq: 1 Mar 2019 14:37

Instrument :

MSVOA_N

ClientSampled :

55-ST-2

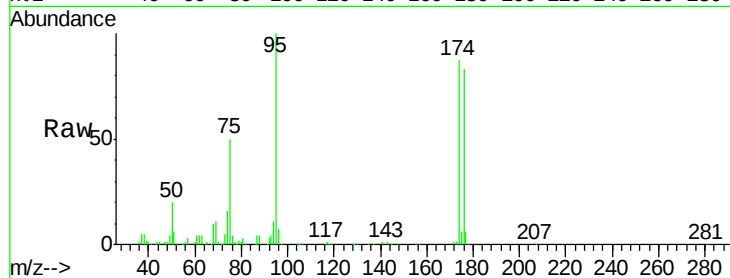
Tot Ion: 95 Resp: 197714

Ion Ratio Lower Upper

95 100

174 87.6 67.9 101.9

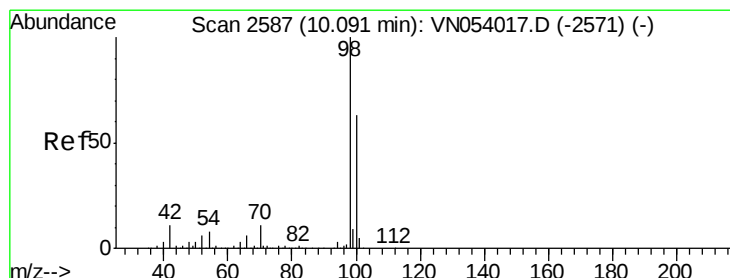
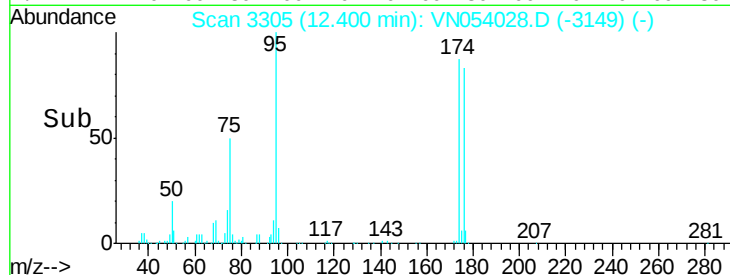
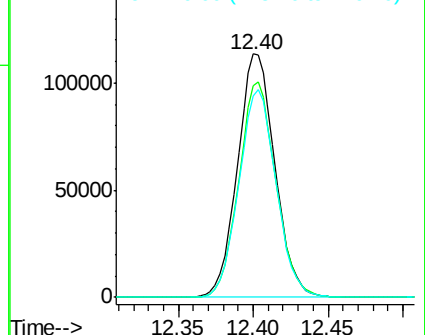
176 85.1 66.4 99.6



Abundance Ion 95.00 (94.70 to 95.70): VN054017.D (-3292) (-)

Ion 174.00 (173.70 to 174.70): VN054017.D (-3292) (-)

Ion 176.00 (175.70 to 176.70): VN054017.D (-3292) (-)



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054028.D

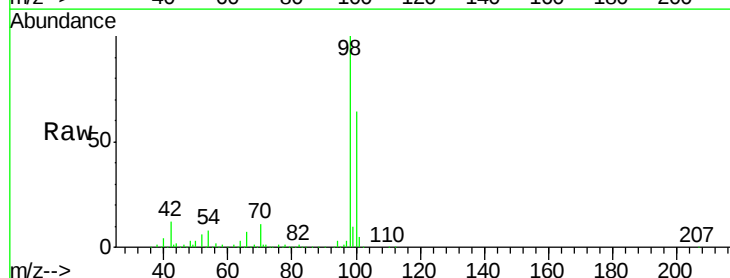
Acq: 1 Mar 2019 14:37

Tgt Ion: 98 Resp: 728986

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN054017.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN054017.D (-2571) (-)

