

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054895.D
 Acq On : 2 Apr 2019 12:19
 Operator : JC/SP
 Sample : K2186-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-3

Quant Time: Apr 03 05:41:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

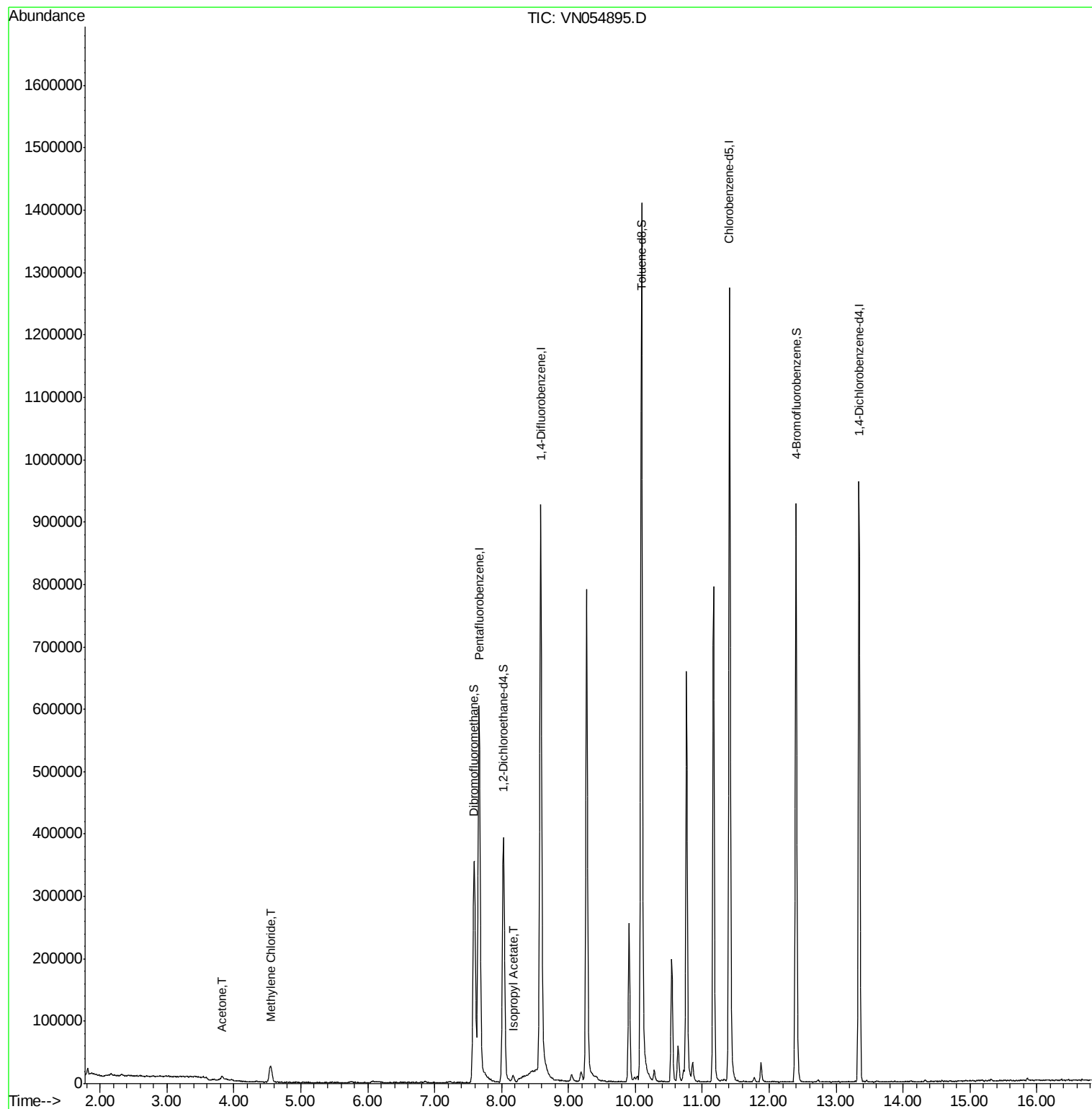
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	510519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	837837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	741154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	255317	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	342977	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
35) Dibromofluoromethane	7.59	113	270330	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
50) Toluene-d8	10.09	98	1031698	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.40	95	323083	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
Target Compounds						
16) Acetone	3.82	43	11399	6.946	ug/l #	84
20) Methylene Chloride	4.55	84	18272	3.156	ug/l #	81
43) Isopropyl Acetate	8.17	43	11110	1.194	ug/l #	89

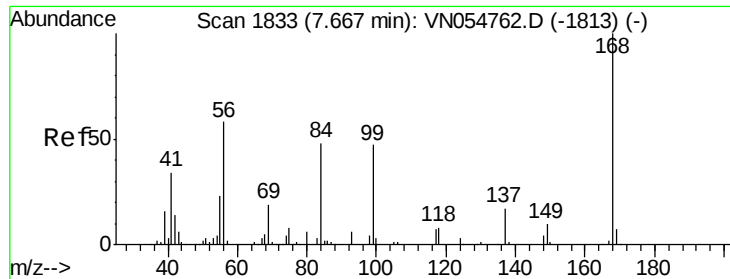
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054895.D

Acq: 2 Apr 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

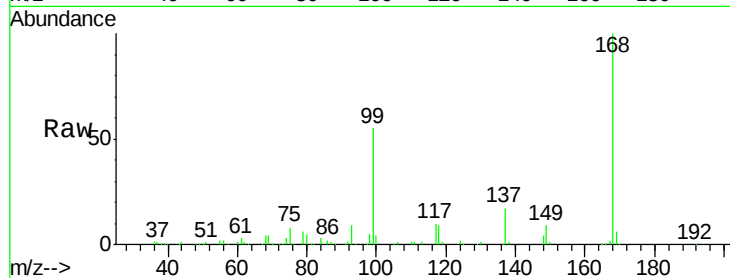
BELT-PARKWAY-STAGING-YARD-3

Tot Ion:168 Resp: 510519

Ion Ratio Lower Upper

168 100

99 55.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

200000

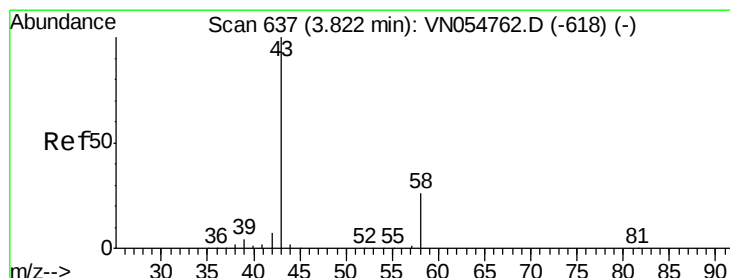
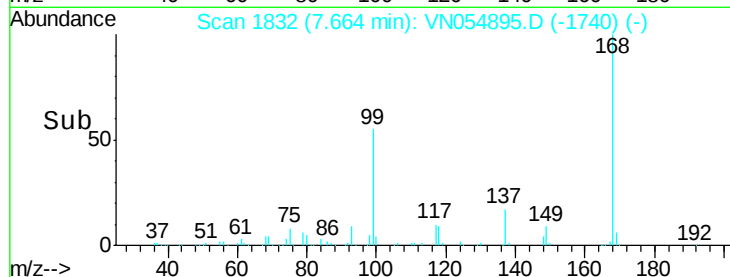
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.946 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054895.D

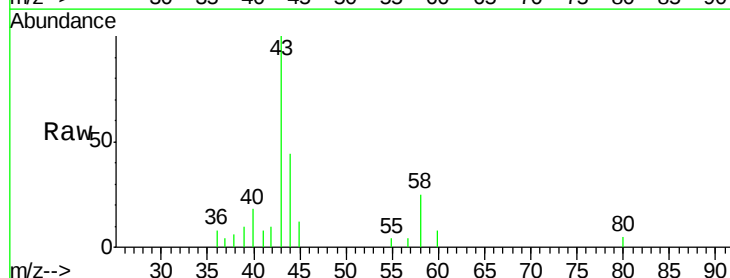
Acq: 2 Apr 2019 12:19

Tgt Ion: 43 Resp: 11399

Ion Ratio Lower Upper

43 100

58 27.6 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

5000

4000

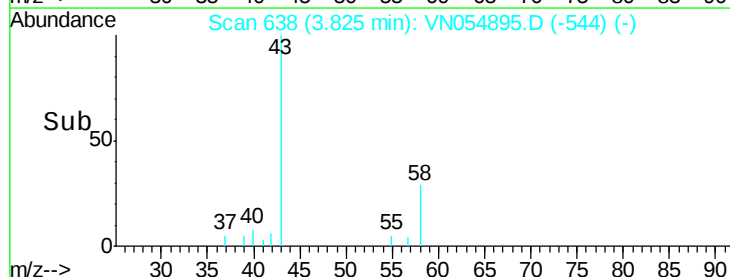
3000

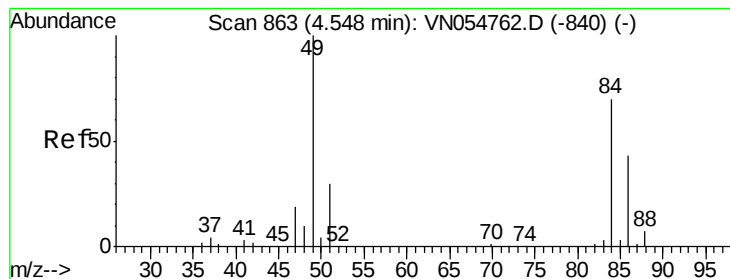
2000

1000

0

Time-->





#20

Methvlene Chloride

Concen: 3.156 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.01 min

Lab File: VN054895.D

Acq: 2 Apr 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-3

Tot Ion: 84 Resp: 18272

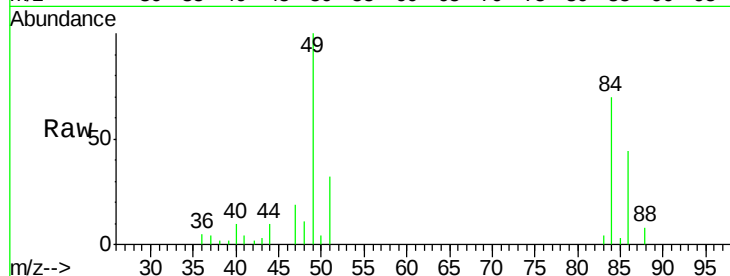
Ion Ratio Lower Upper

84 100

49 143.7 89.7 134.5#

51 45.6 28.2 42.4#

86 63.0 50.8 76.2

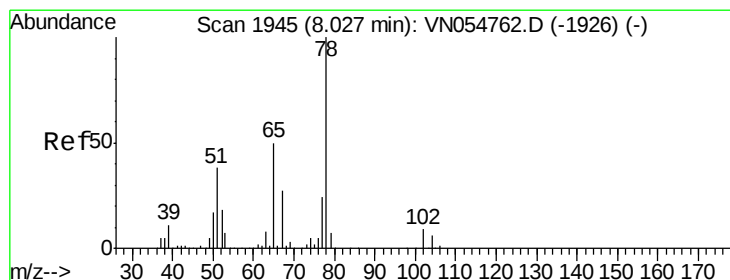
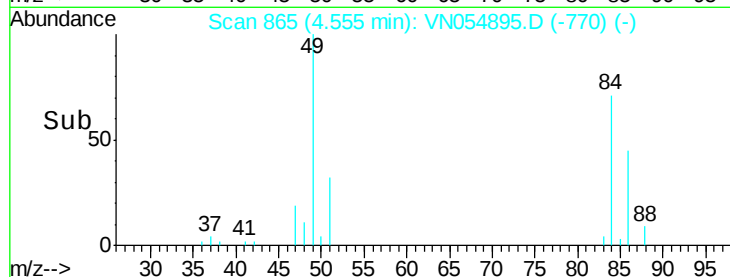
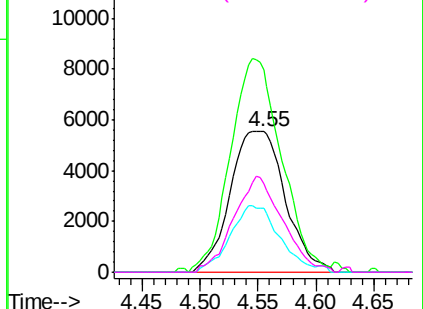


Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



#33

1,2-Dichloroethane-d4

Concen: 49.837 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054895.D

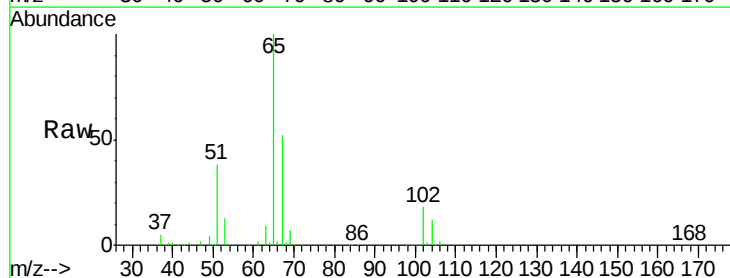
Acq: 2 Apr 2019 12:19

Tgt Ion: 65 Resp: 342977

Ion Ratio Lower Upper

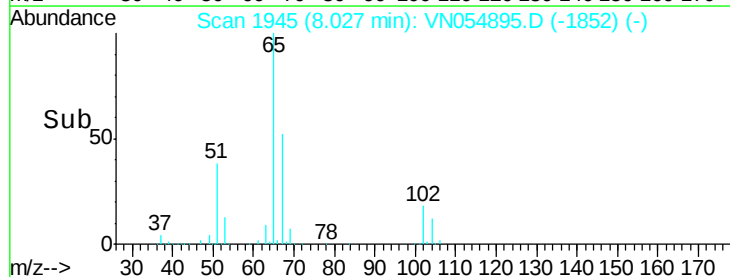
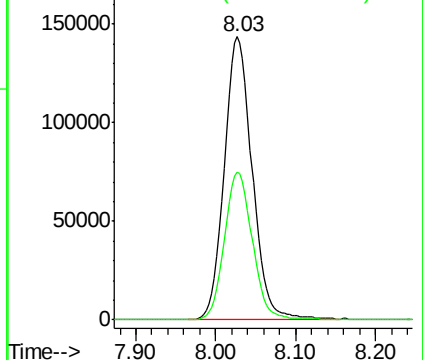
65 100

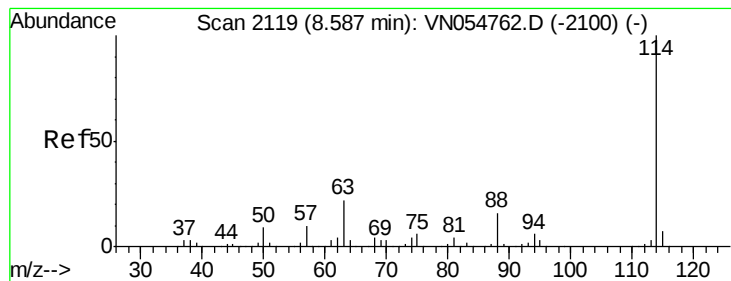
67 52.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054895.D

Acq: 2 Apr 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-3

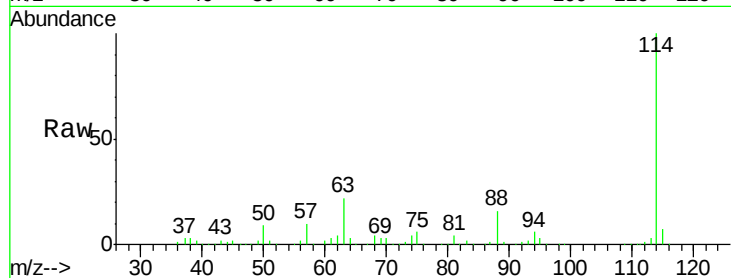
Tot Ion:114 Resp: 837837

Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.2

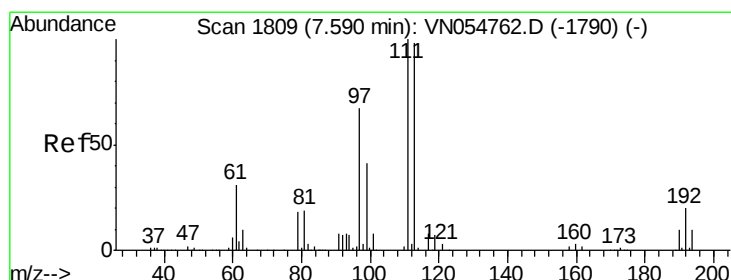
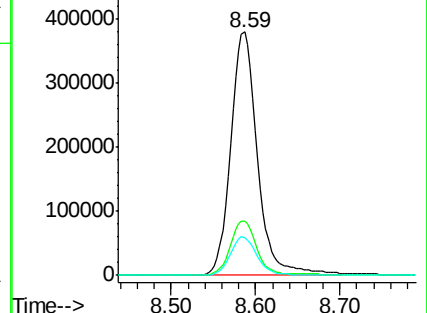
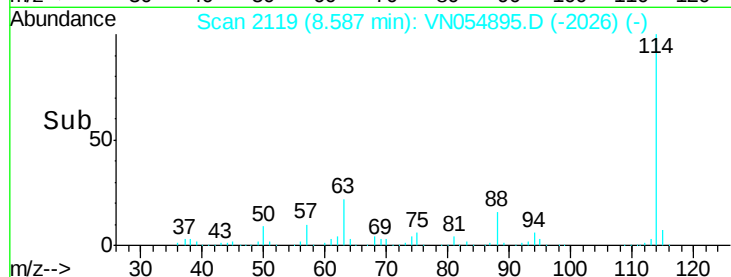
88 15.6 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.396 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054895.D

Acq: 2 Apr 2019 12:19

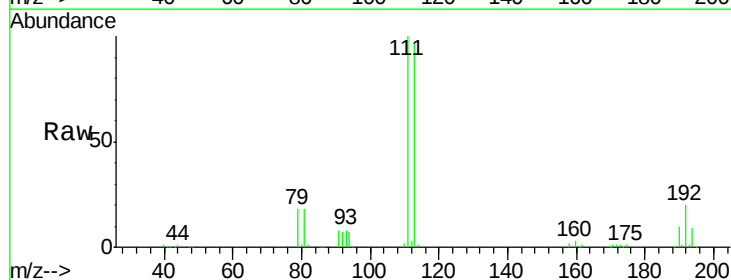
Tgt Ion:113 Resp: 270330

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

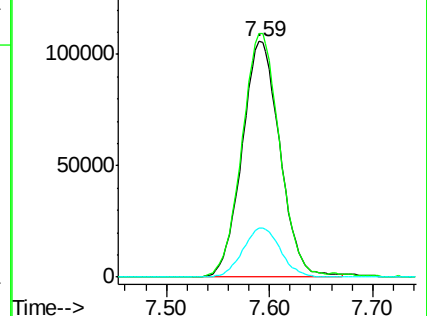
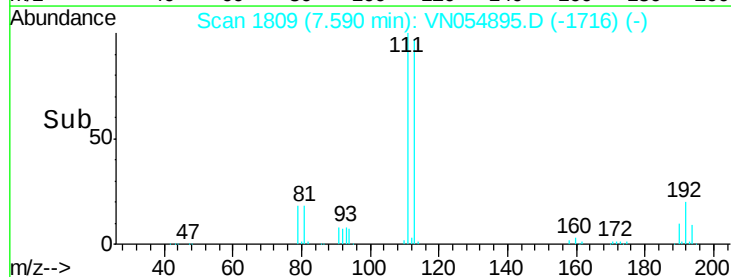
192 20.7 19.2 28.8

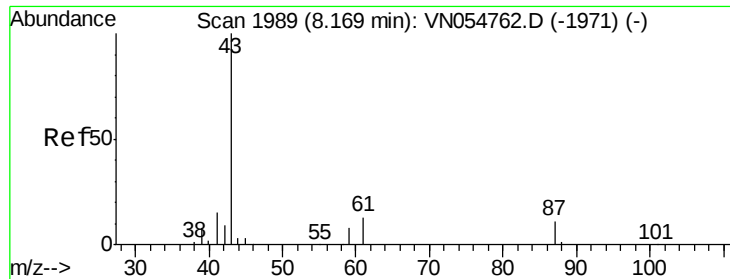


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.194 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054895.D

Acq: 2 Apr 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-3

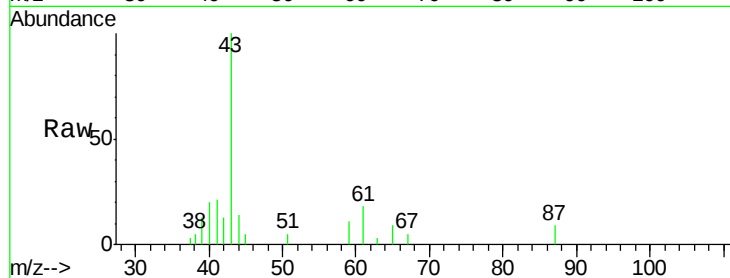
Tot Ion: 43 Resp: 11110

Ion Ratio Lower Upper

43 100

61 19.1 15.8 23.8

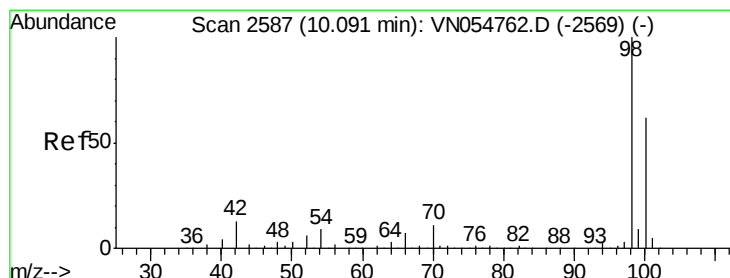
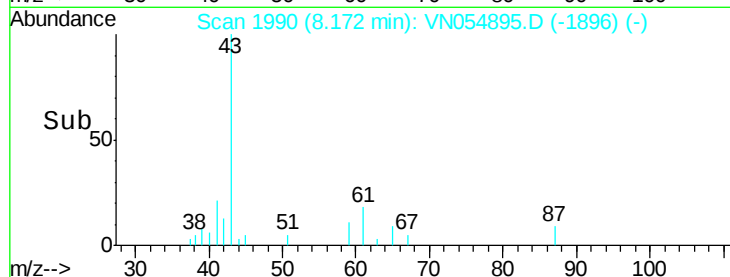
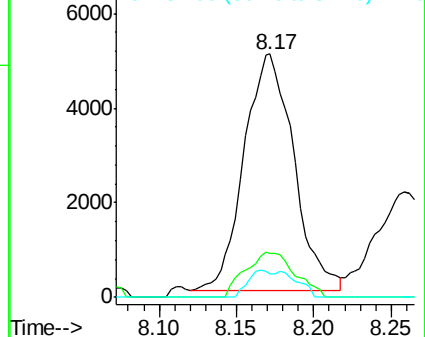
87 5.2 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 49.680 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054895.D

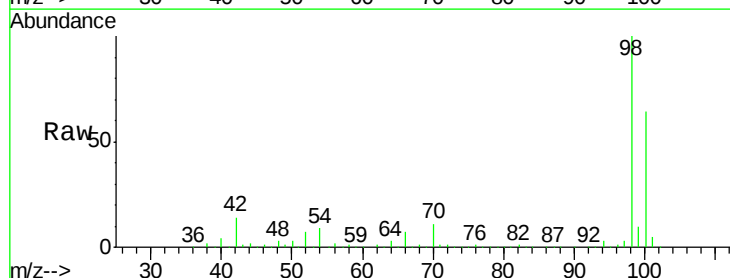
Acq: 2 Apr 2019 12:19

Tgt Ion: 98 Resp: 1031698

Ion Ratio Lower Upper

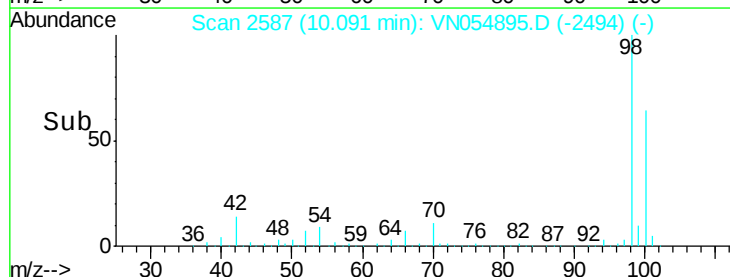
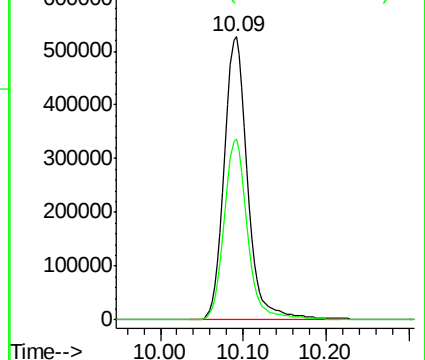
98 100

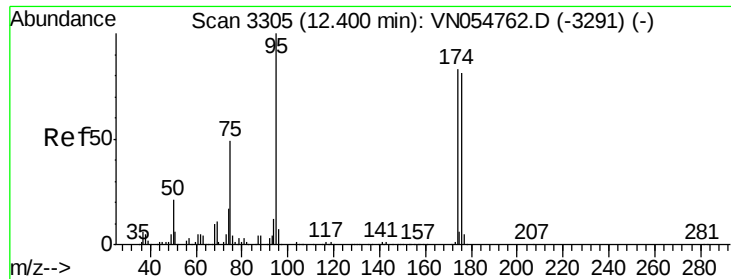
100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 46.779 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054895.D

Acq: 2 Apr 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-3

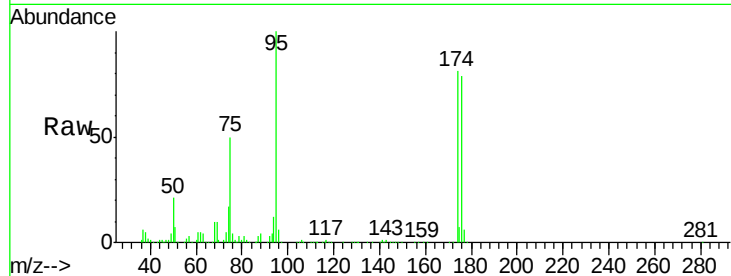
Tot Ion: 95 Resp: 323083

Ion Ratio Lower Upper

95 100

174 82.1 0.0 191.0

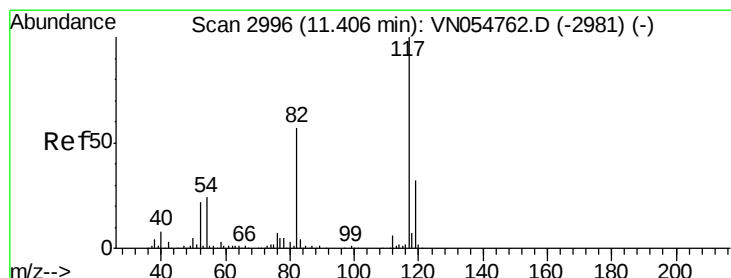
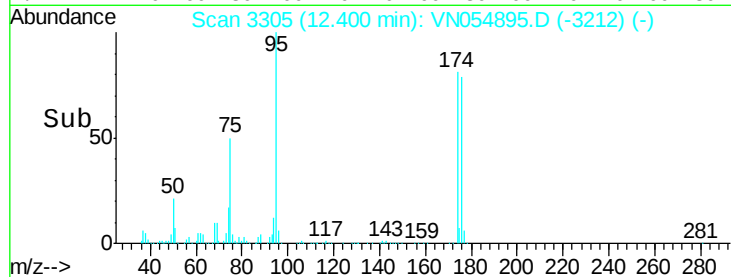
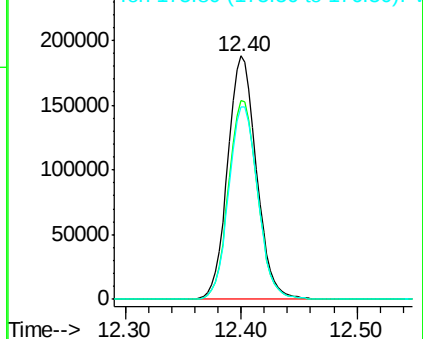
176 80.2 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054895.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN054895.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN054895.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054895.D

Acq: 2 Apr 2019 12:19

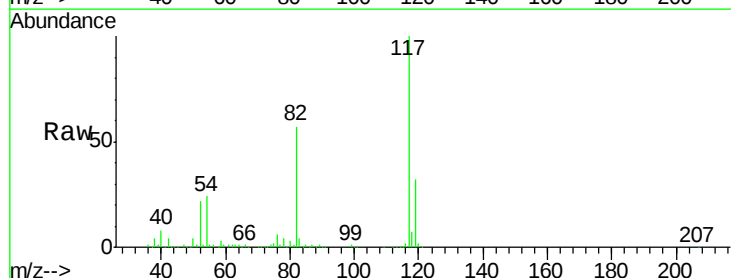
Tgt Ion: 117 Resp: 741154

Ion Ratio Lower Upper

117 100

82 56.6 40.0 60.0

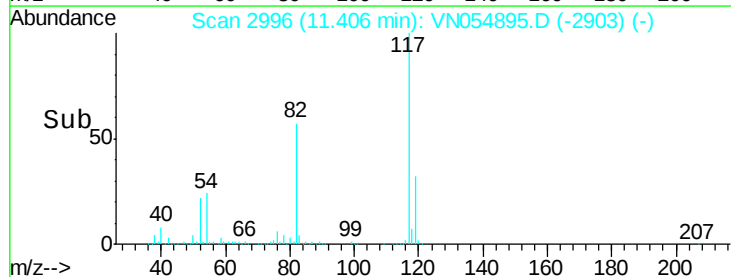
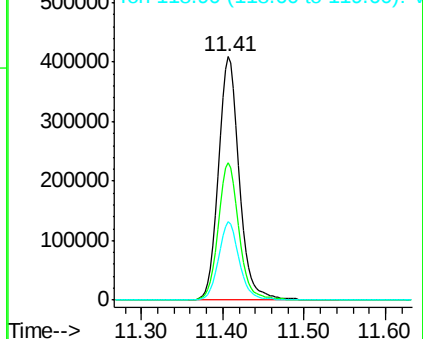
119 32.4 25.8 38.6

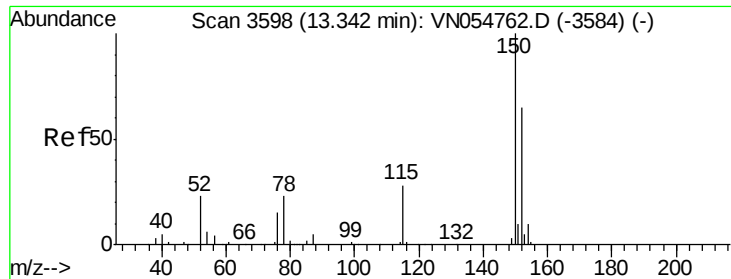


Abundance Ion 116.90 (116.60 to 117.60): VN054895.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054895.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054895.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054895.D

Acq: 2 Apr 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-3

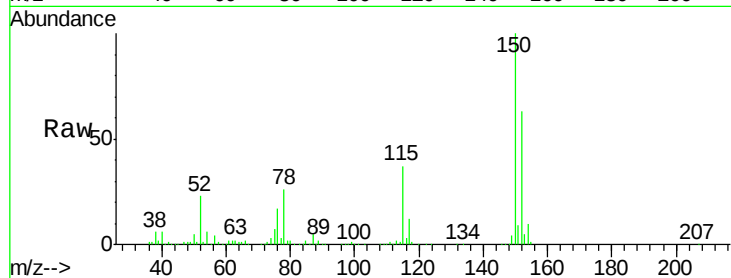
Tot Ion:152 Resp: 255317

Ion Ratio Lower Upper

152 100

115 58.1 27.2 81.6

150 157.5 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

