

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040119\
 Data File : VN054872.D
 Acq On : 1 Apr 2019 14:11
 Operator : JC/SP
 Sample : K2178-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-16

Quant Time: Apr 02 05:20:58 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

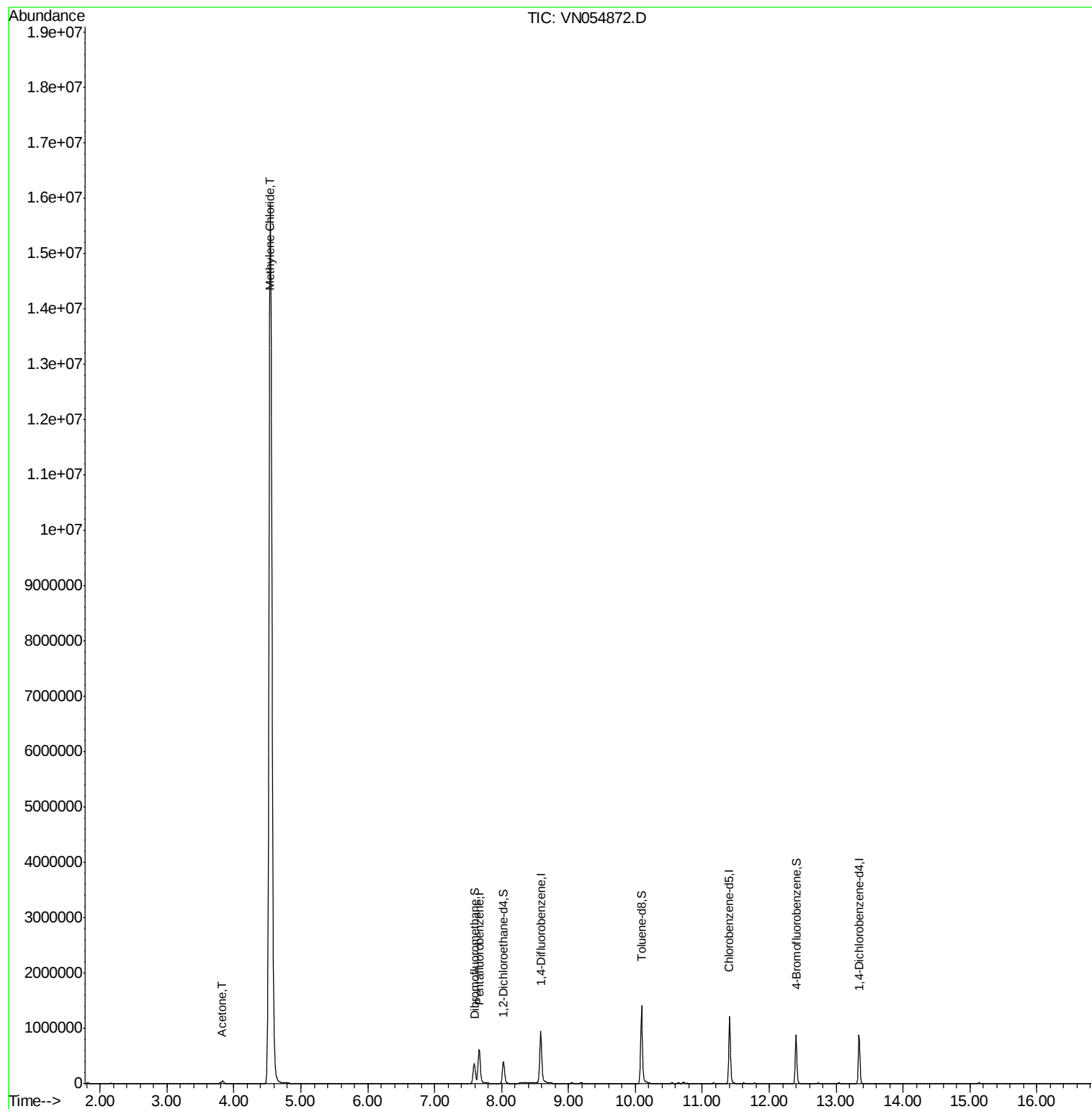
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	534688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	857742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	717517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	236875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	348909	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
35) Dibromofluoromethane	7.59	113	267742	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
50) Toluene-d8	10.09	98	1026970	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	12.40	95	305473	43.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.40%	
Target Compounds						
16) Acetone	3.82	43	67514	39.280	ug/l #	82
20) Methylene Chloride	4.54	84	11214700	1849.733	ug/l #	81

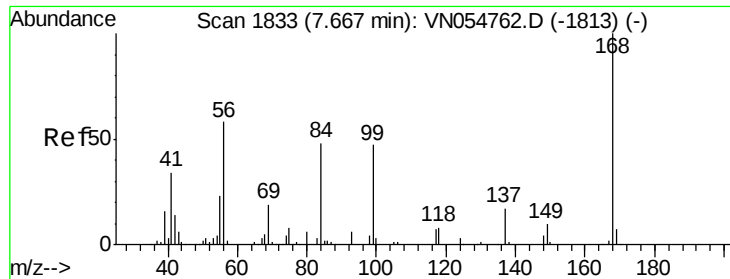
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054872.D

Acq: 1 Apr 2019 14:11

Instrument :

MSVOA_N

ClientSampleId :

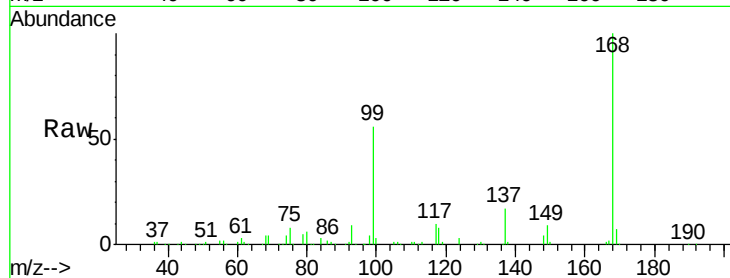
COMP-16

Tot Ion:168 Resp: 534688

Ion Ratio Lower Upper

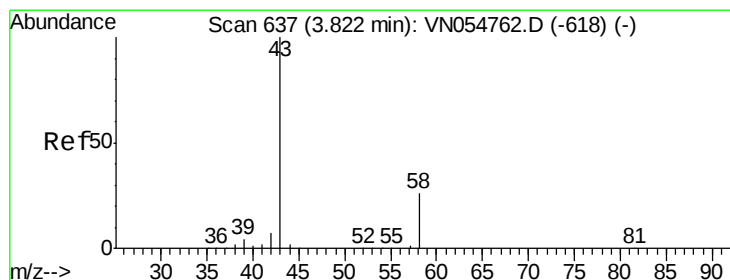
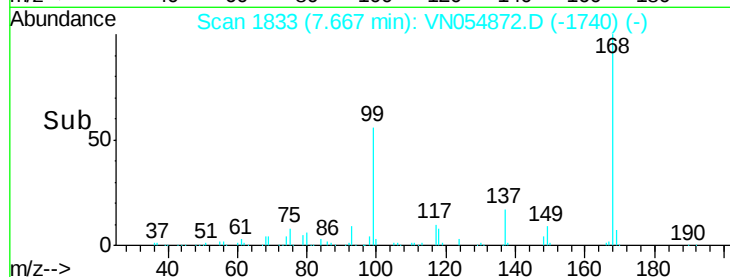
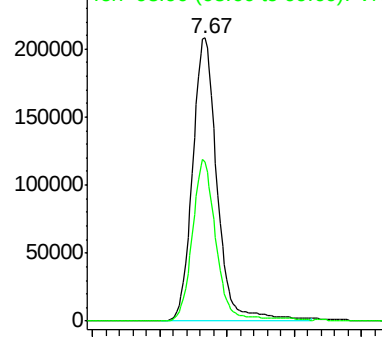
168 100

99 56.3 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 39.280 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054872.D

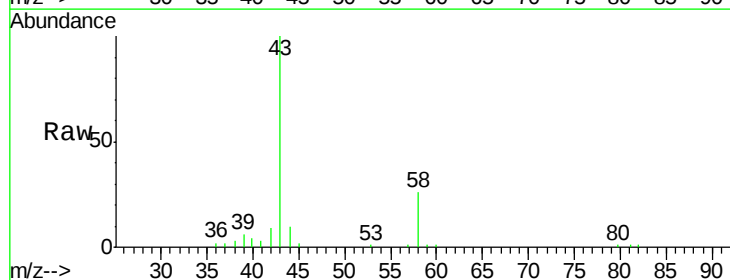
Acq: 1 Apr 2019 14:11

Tgt Ion: 43 Resp: 67514

Ion Ratio Lower Upper

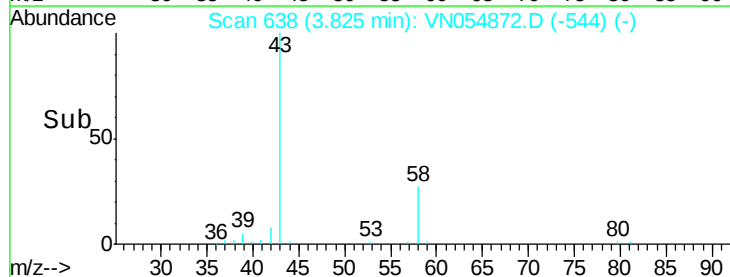
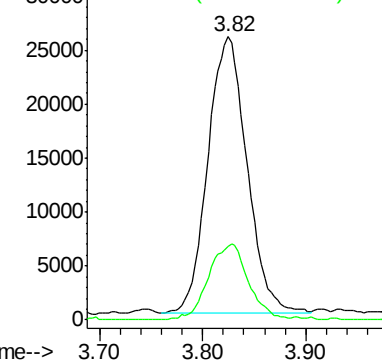
43 100

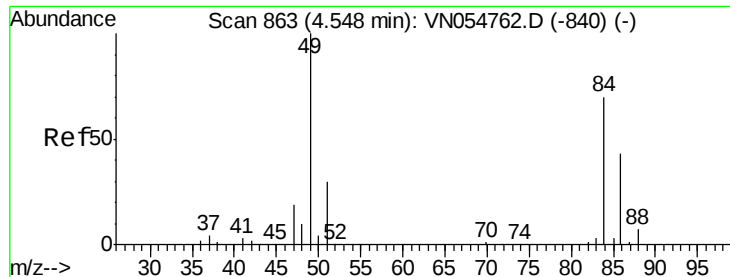
58 26.7 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



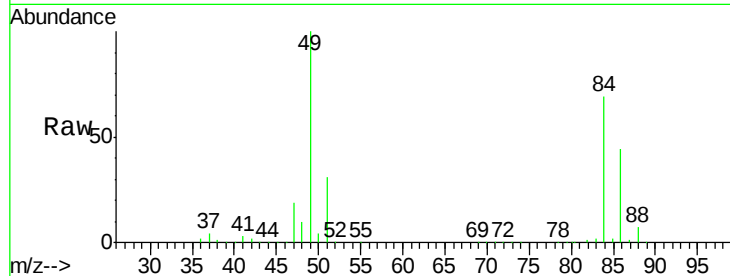


#20
Methvlene Chloride
Concen: 1849.733 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054872.D
Acq: 1 Apr 2019 14:11

Instrument :
MSVOA_N
ClientSampled :
COMP-16

Tot Ion: 84 Resp:11214700

Ion	Ratio	Lower	Upper
84	100		
49	145.1	89.7	134.5#
51	44.3	28.2	42.4#
86	64.0	50.8	76.2



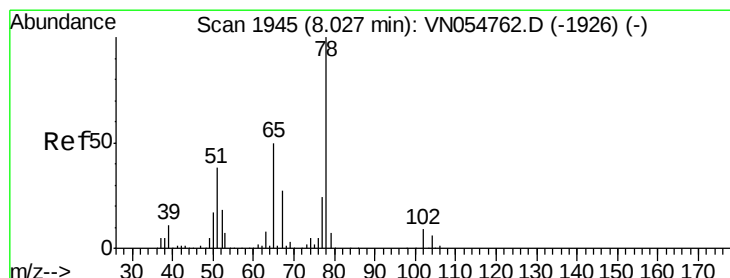
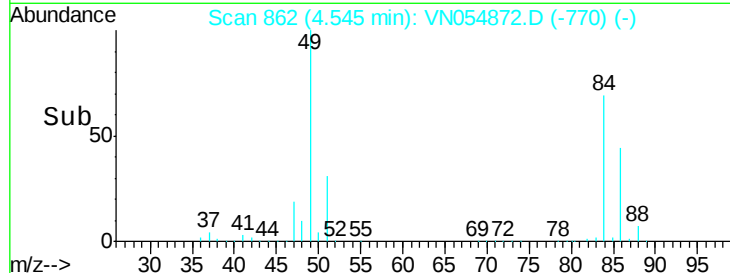
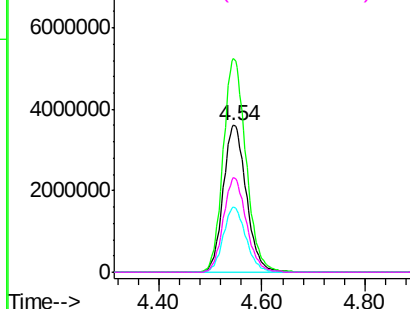
Abundance

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

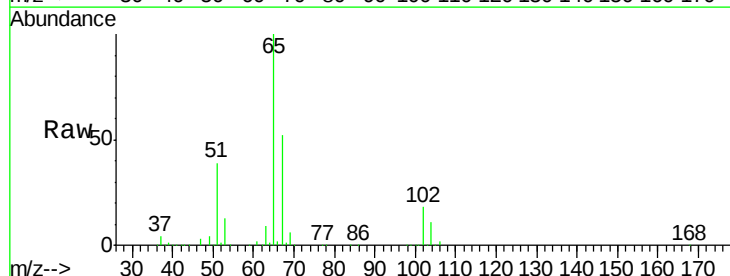
Ion 85.90 (85.60 to 86.60): VNC



#33
1,2-Dichloroethane-d4
Concen: 48.408 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054872.D
Acq: 1 Apr 2019 14:11

Tgt Ion: 65 Resp: 348909

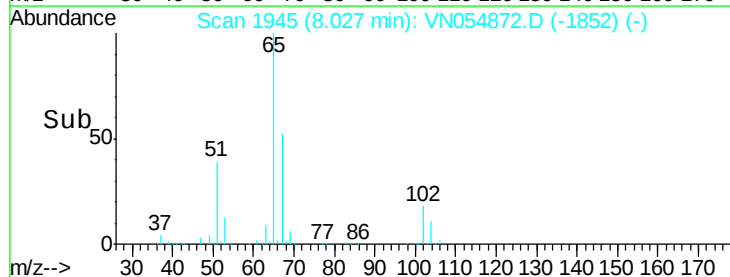
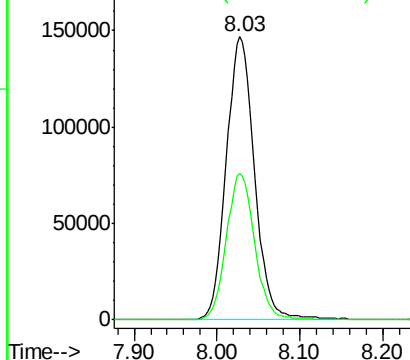
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.6

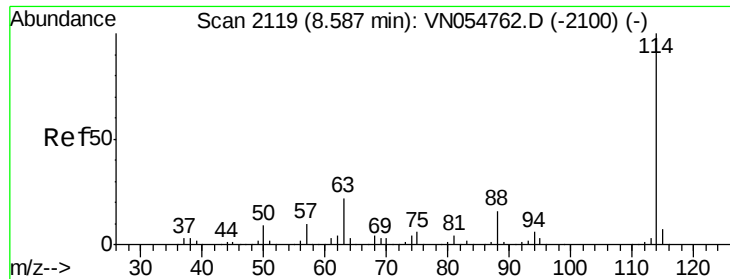


Abundance

Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

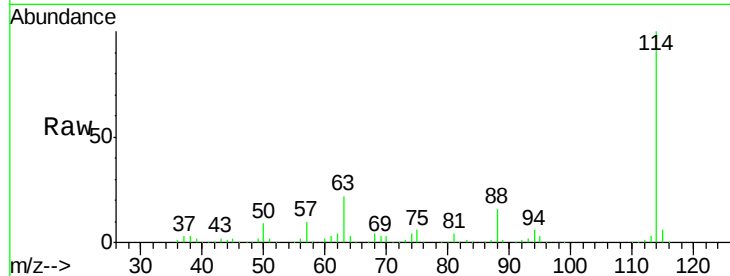




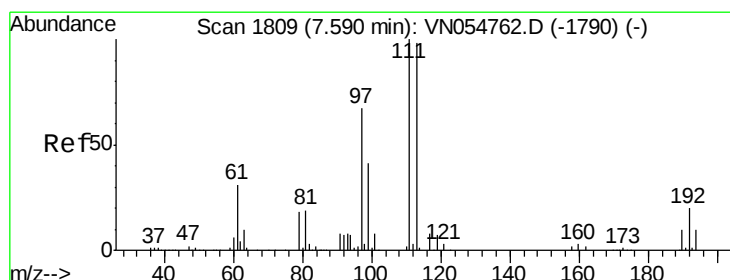
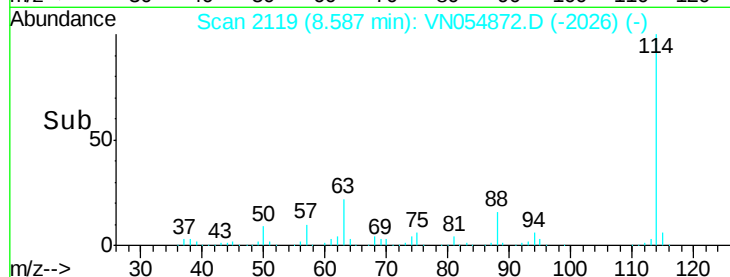
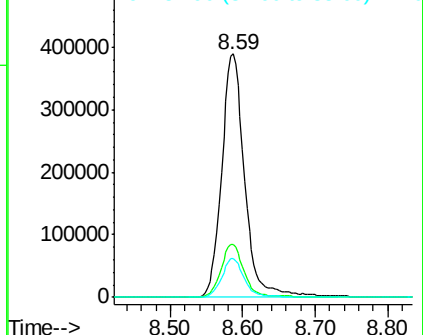
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054872.D
 Acq: 1 Apr 2019 14:11

Instrument :
 MSVOA_N
 ClientSampled :
 COMP-16

Tot Ion:114 Resp: 857742
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 35.2
 88 15.8 0.0 30.2

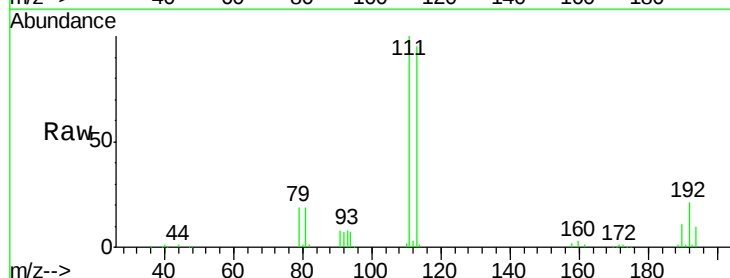


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

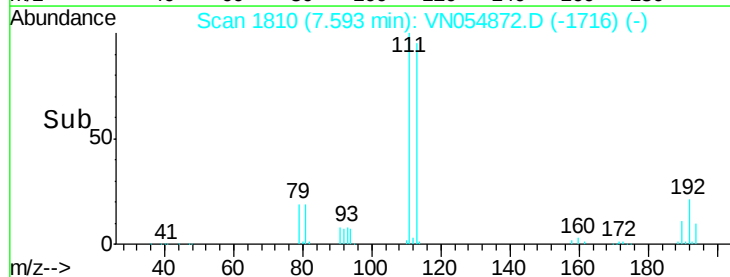
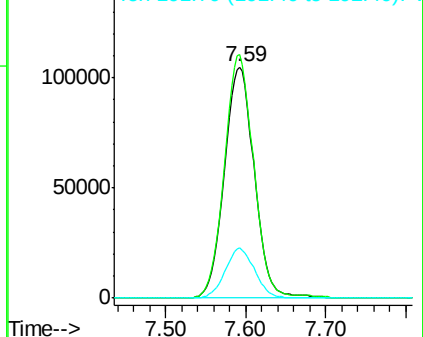


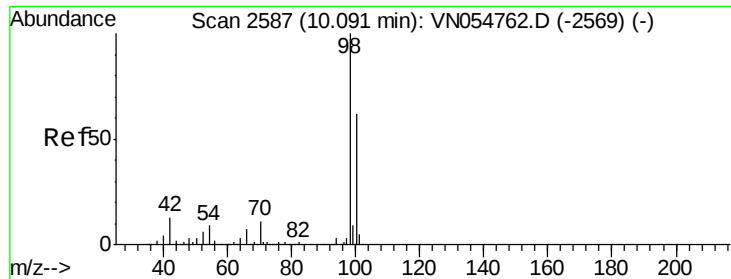
#35
 Dibromofluoromethane
 Concen: 46.820 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054872.D
 Acq: 1 Apr 2019 14:11

Tgt Ion:113 Resp: 267742
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.4
 192 21.4 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





#50

Toluene-d8

Concen: 48.305 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054872.D

Acq: 1 Apr 2019 14:11

Instrument :

MSVOA_N

ClientSampleId :

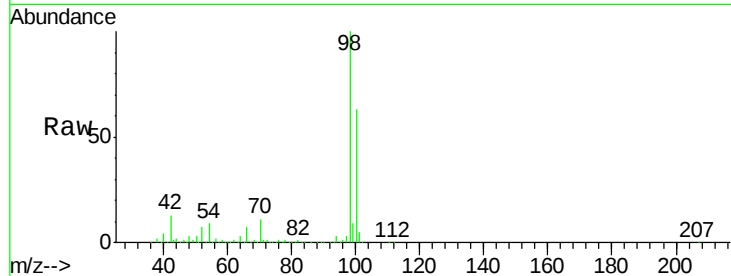
COMP-16

Tot Ion: 98 Resp: 1026970

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054762.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054762.D (-2569) (-)

10.09

600000

500000

400000

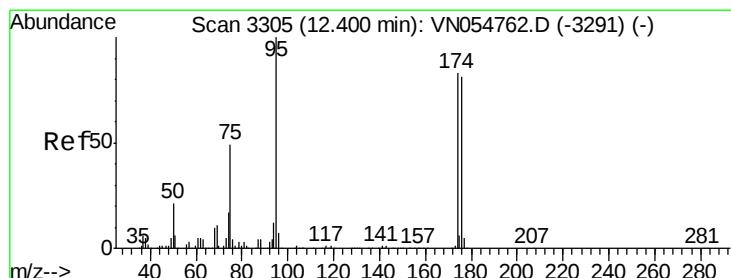
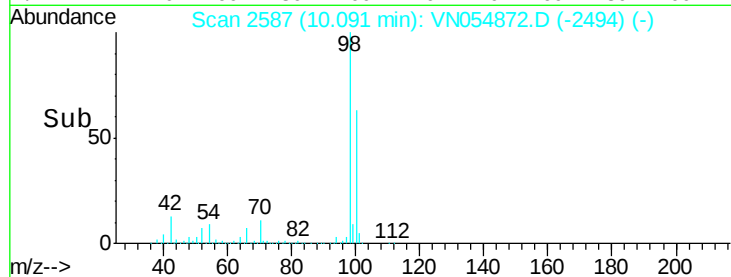
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.203 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054872.D

Acq: 1 Apr 2019 14:11

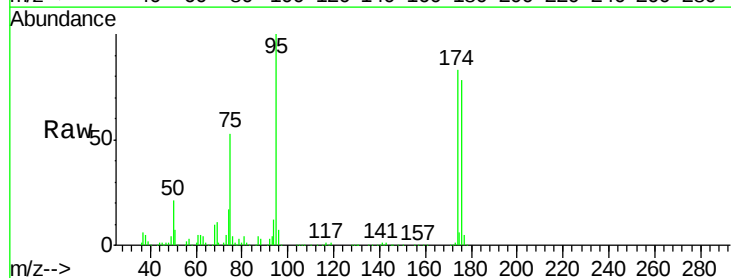
Tgt Ion: 95 Resp: 305473

Ion Ratio Lower Upper

95 100

174 83.8 0.0 191.0

176 80.1 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054762.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054762.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054762.D (-3291) (-)

12.40

200000

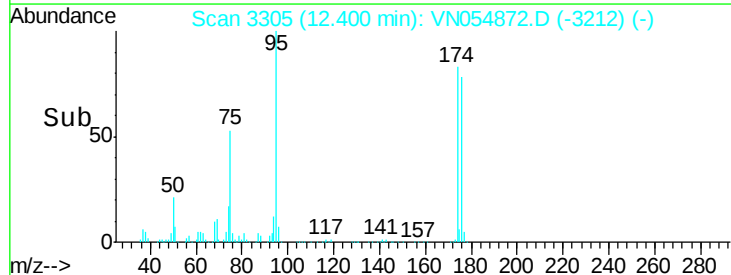
150000

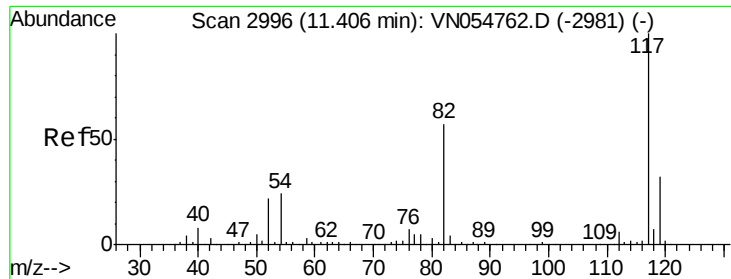
100000

50000

0

Time-->

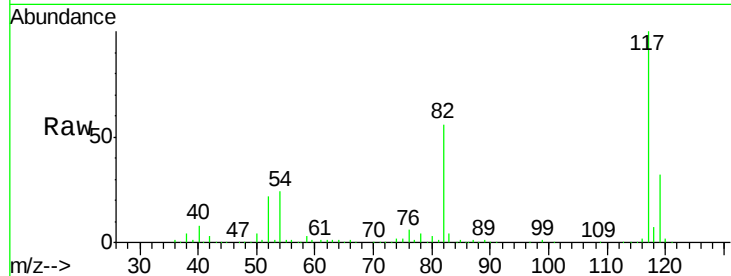




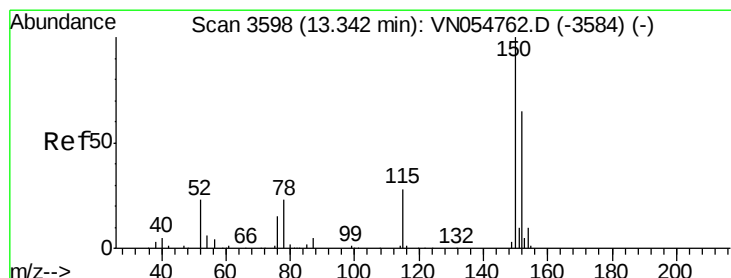
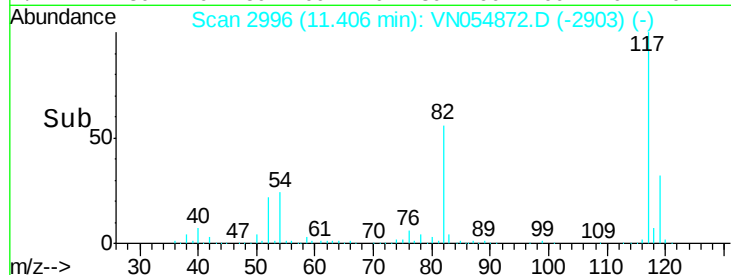
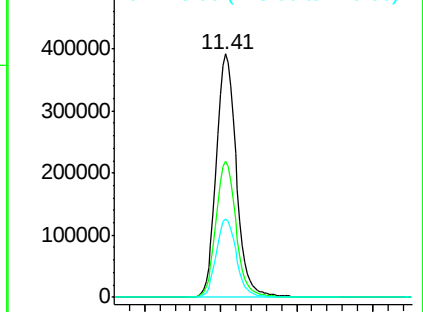
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054872.D
Acq: 1 Apr 2019 14:11

Instrument :
MSVOA_N
ClientSampled :
COMP-16

Tot Ion:117 Resp: 717517
Ion Ratio Lower Upper
117 100
82 56.1 40.0 60.0
119 32.5 25.8 38.6

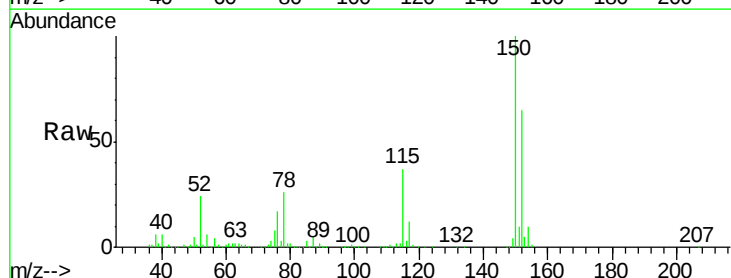


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054872.D
Acq: 1 Apr 2019 14:11

Tgt Ion:152 Resp: 236875
Ion Ratio Lower Upper
152 100
115 57.8 27.2 81.6
150 157.4 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

