

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040319\
 Data File : VN054929.D
 Acq On : 3 Apr 2019 16:53
 Operator : JC/SP
 Sample : K2199-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-040219-A

Quant Time: Apr 04 03:11:20 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

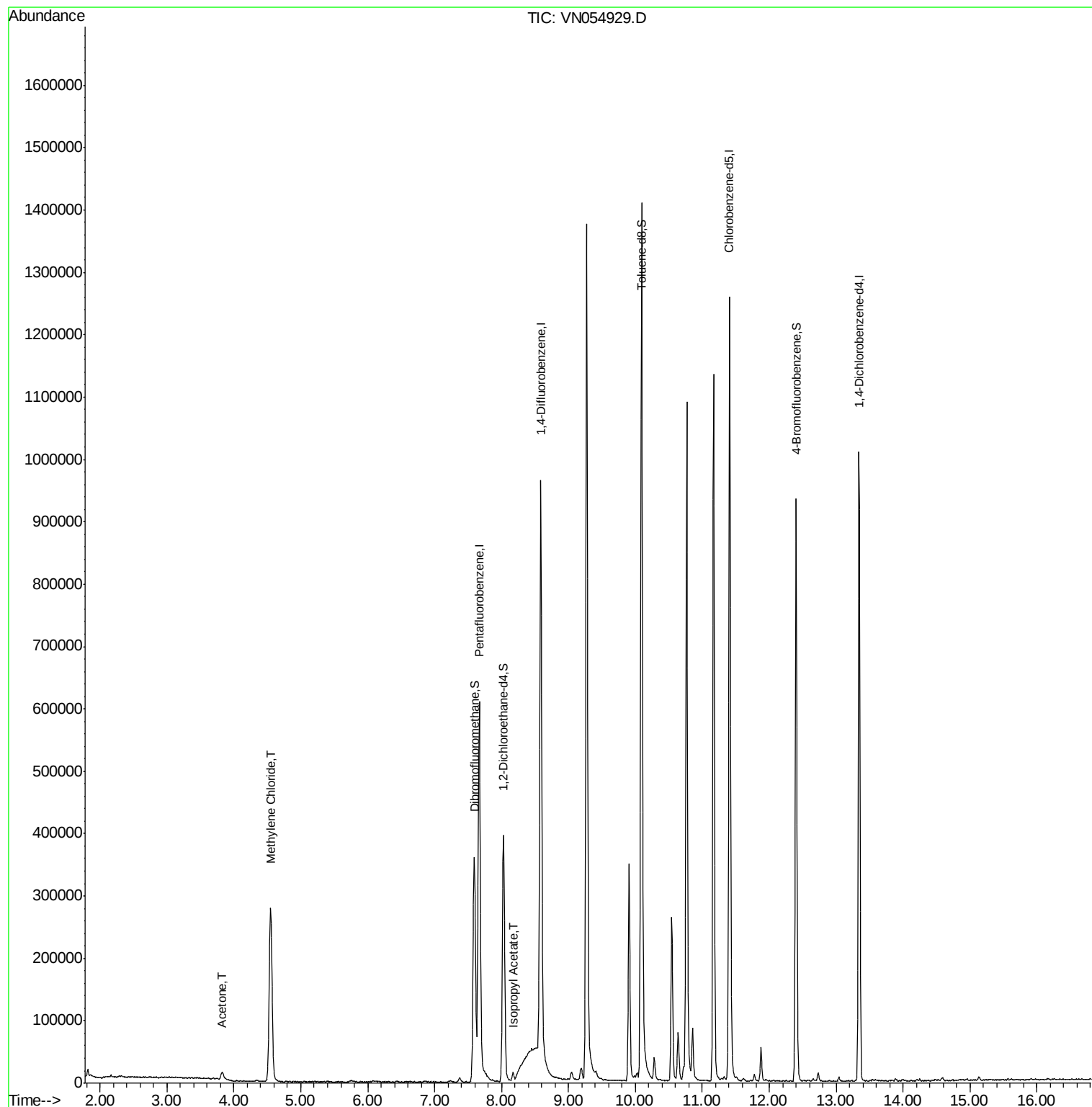
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	530725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	872409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	746761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	269565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	348517	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
35) Dibromofluoromethane	7.59	113	276684	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
50) Toluene-d8	10.09	98	1045722	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.40	95	318277	44.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.52%	
Target Compounds						
16) Acetone	3.82	43	20046	11.750	ug/l #	81
20) Methylene Chloride	4.55	84	194822	32.374	ug/l	88
43) Isopropyl Acetate	8.17	43	16898	1.745	ug/l #	93

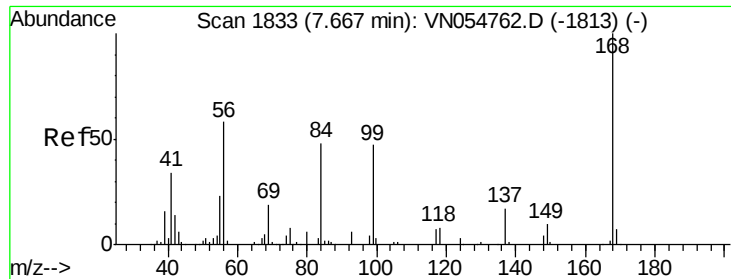
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040319\
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QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

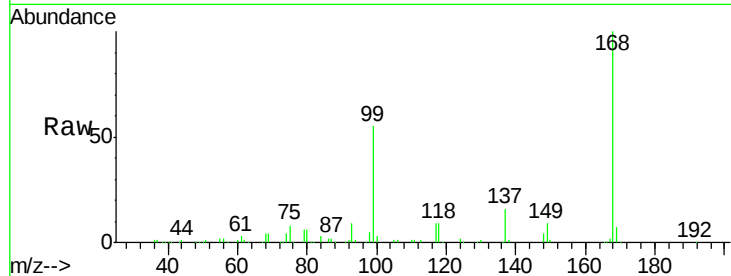
OR-02-040219-A

Tot Ion:168 Resp: 530725

Ion Ratio Lower Upper

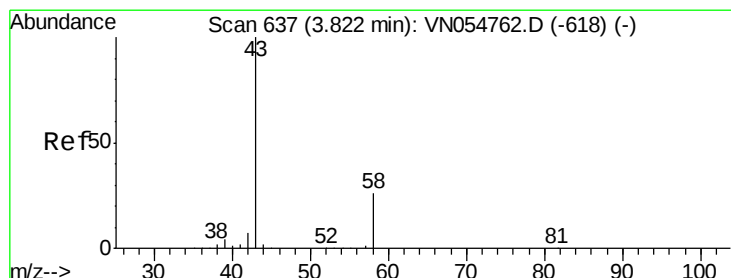
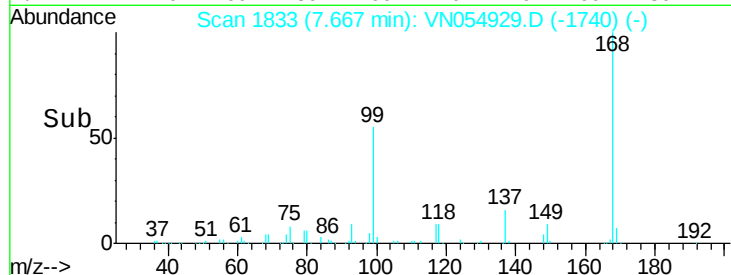
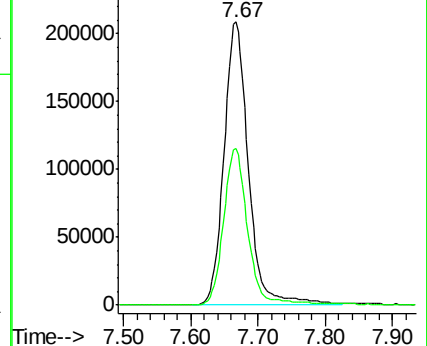
168 100

99 55.4 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: 11.750 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054929.D

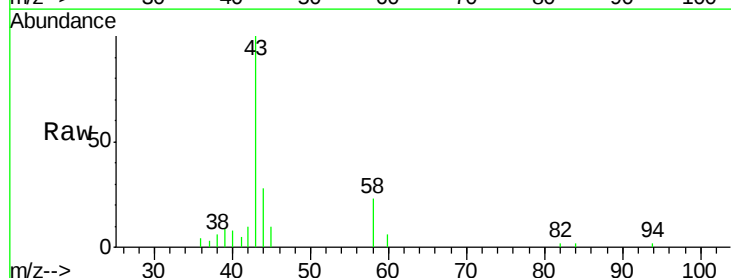
Acq: 3 Apr 2019 16:53

Tgt Ion: 43 Resp: 20046

Ion Ratio Lower Upper

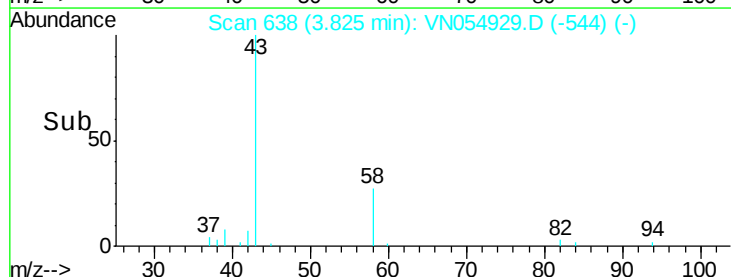
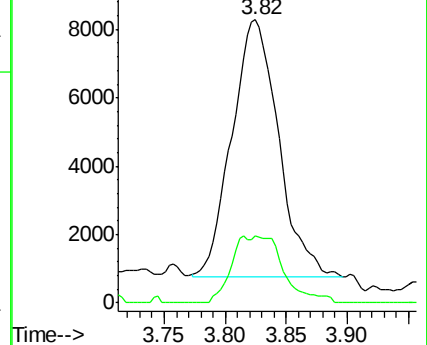
43 100

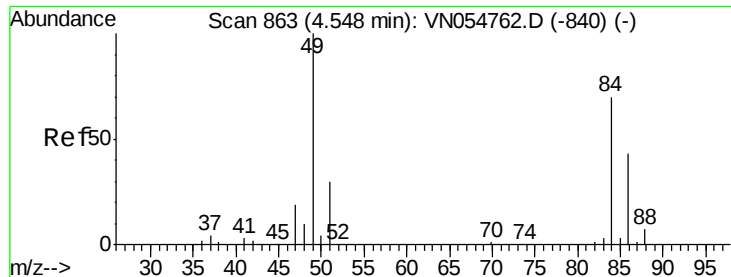
58 25.8 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



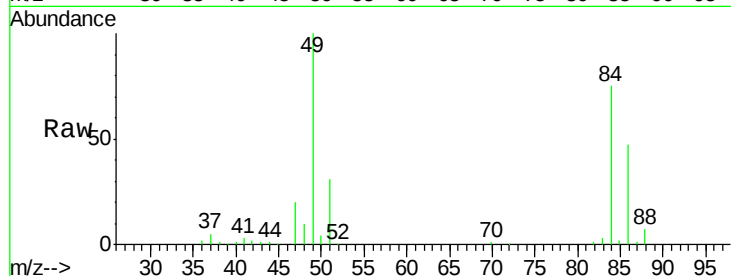


#20
Methvlene Chloride
Concen: 32.374 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054929.D
Acq: 3 Apr 2019 16:53

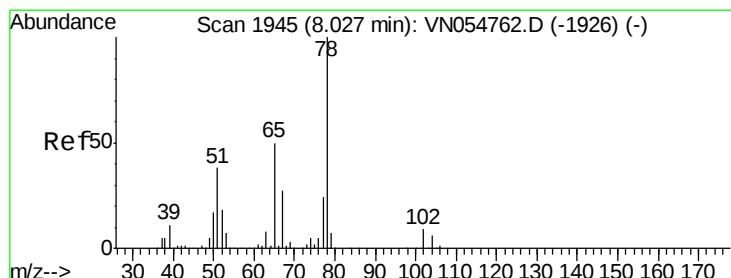
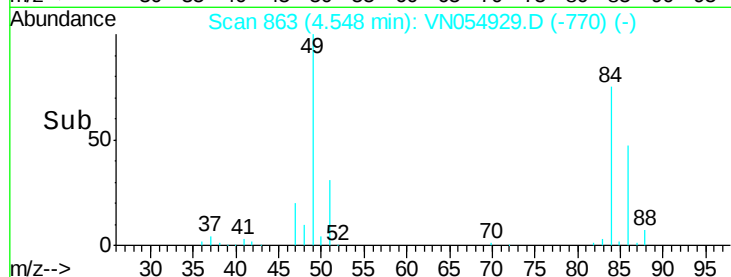
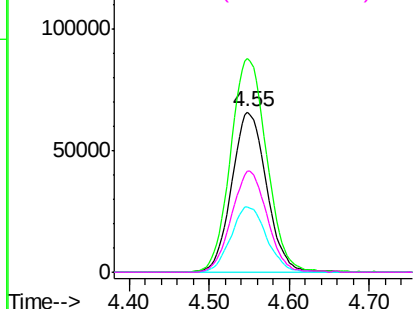
Instrument :
MSVOA_N
ClientSampled :
OR-02-040219-A

Tot Ion: 84 Resp: 194822

Ion	Ratio	Lower	Upper
84	100		
49	133.4	89.7	134.5
51	41.0	28.2	42.4
86	63.3	50.8	76.2



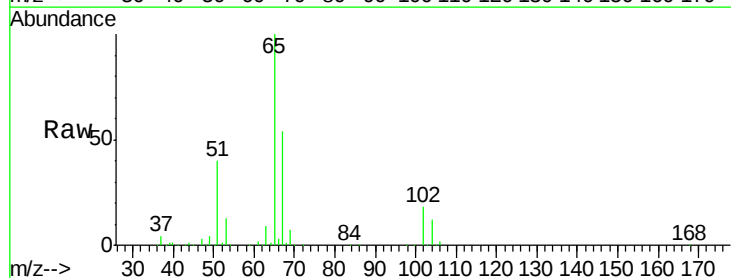
Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC



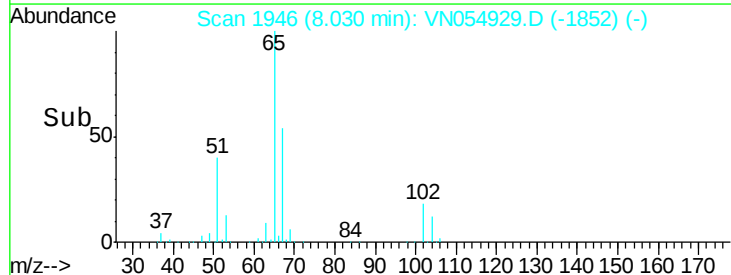
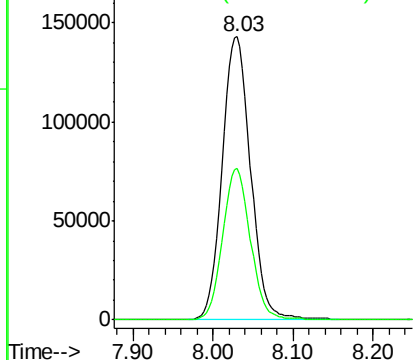
#33
1,2-Dichloroethane-d4
Concen: 48.714 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054929.D
Acq: 3 Apr 2019 16:53

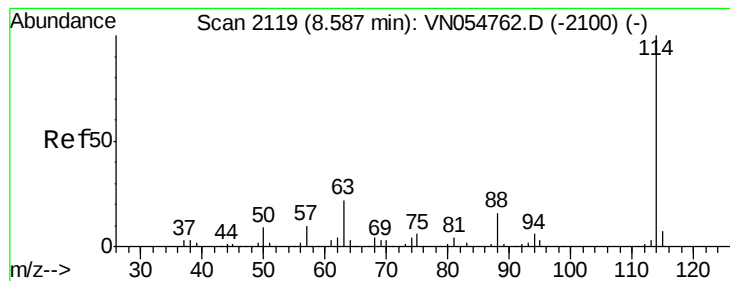
Tgt Ion: 65 Resp: 348517

Ion	Ratio	Lower	Upper
65	100		
67	52.1	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: VN054929.D

Acq: 3 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

OR-02-040219-A

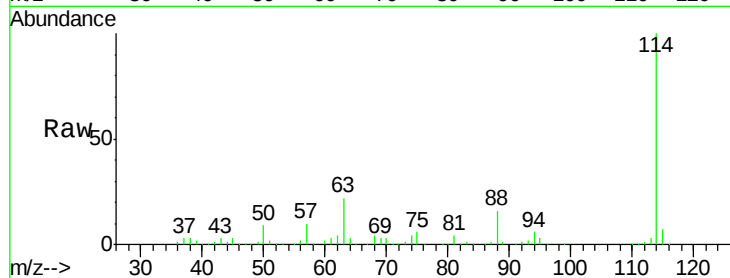
Tot Ion:114 Resp: 872409

Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.2

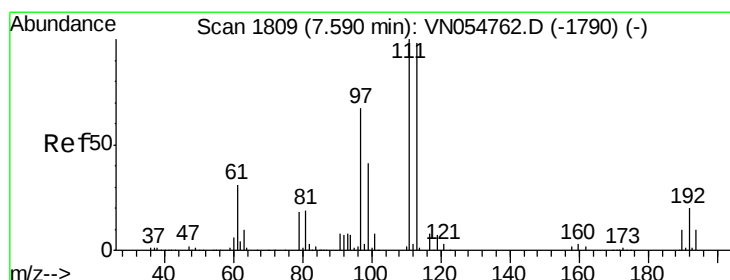
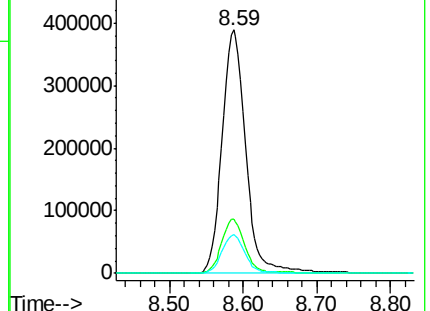
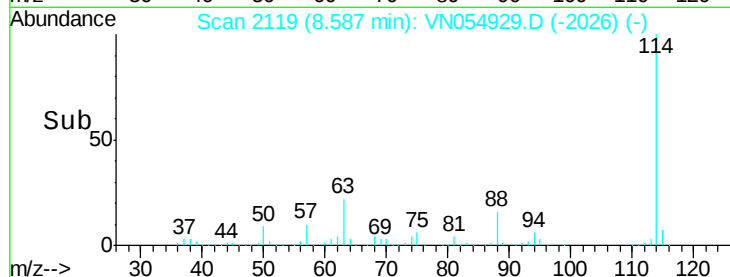
88 16.0 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.571 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

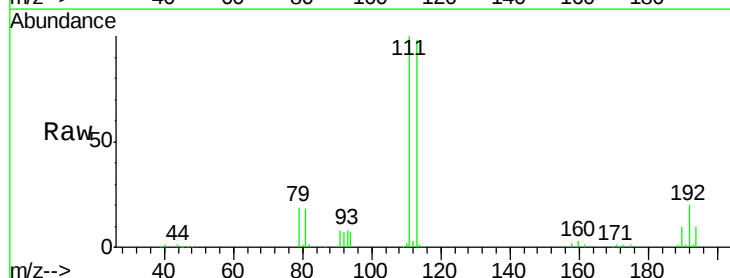
Tgt Ion:113 Resp: 276684

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

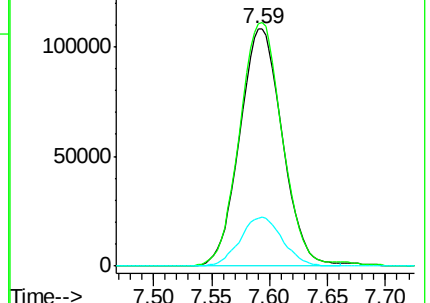
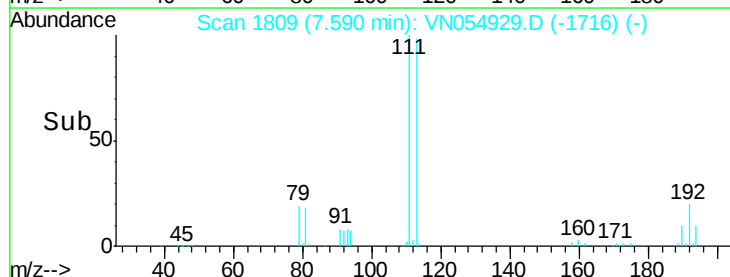
192 20.7 19.2 28.8

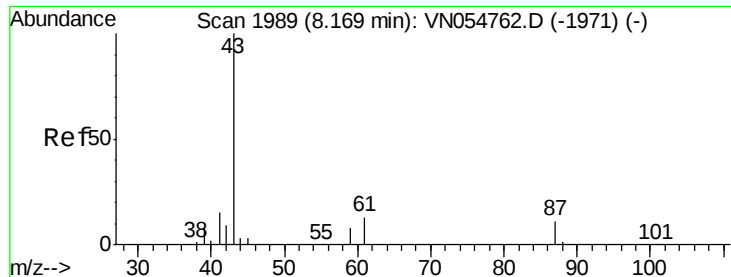


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.745 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

OR-02-040219-A

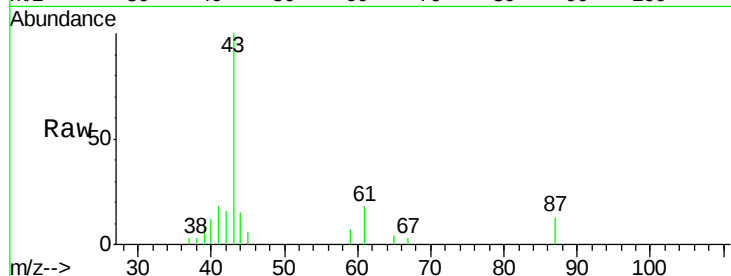
Tot Ion: 43 Resp: 16898

Ion Ratio Lower Upper

43 100

61 17.0 15.8 23.8

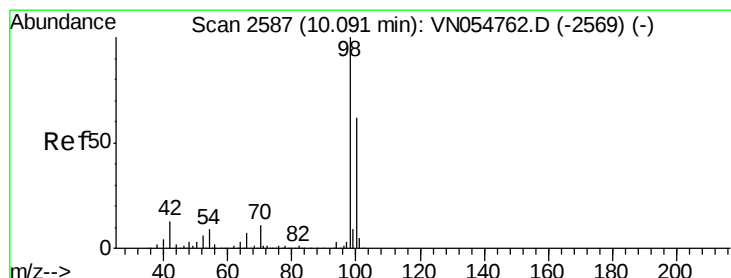
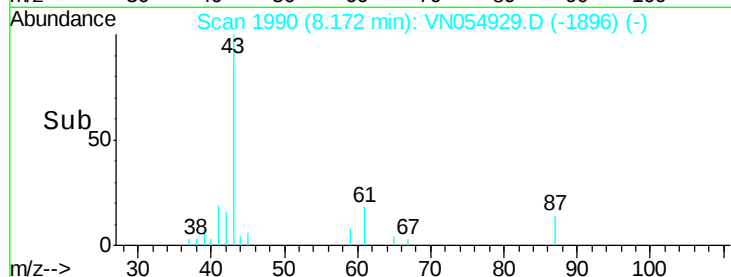
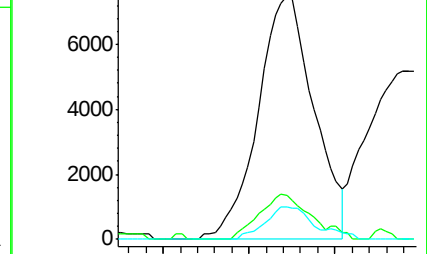
87 11.9 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN054762.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN054762.D (-1971) (-)



#50

Toluene-d8

Concen: 48.360 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054929.D

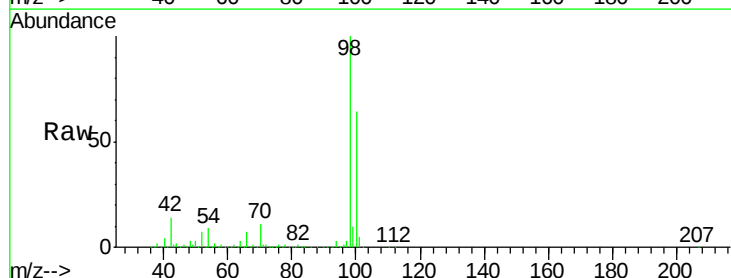
Acq: 3 Apr 2019 16:53

Tgt Ion: 98 Resp: 1045722

Ion Ratio Lower Upper

98 100

100 63.7 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) (-)

Ion 112.00 (111.70 to 112.70): VN054762.D (-2569) (-)

Ion 207.00 (206.70 to 207.70): VN054762.D (-2569) (-)

Ion 229.00 (228.70 to 229.70): VN054762.D (-2569) (-)

Ion 254.00 (253.70 to 254.70): VN054762.D (-2569) (-)

Ion 281.00 (280.70 to 281.70): VN054762.D (-2569) (-)

Ion 306.00 (305.70 to 306.70): VN054762.D (-2569) (-)

Ion 331.00 (330.70 to 331.70): VN054762.D (-2569) (-)

Ion 356.00 (355.70 to 356.70): VN054762.D (-2569) (-)

Ion 381.00 (380.70 to 381.70): VN054762.D (-2569) (-)

Ion 406.00 (405.70 to 406.70): VN054762.D (-2569) (-)

Ion 431.00 (430.70 to 431.70): VN054762.D (-2569) (-)

Ion 456.00 (455.70 to 456.70): VN054762.D (-2569) (-)

Ion 481.00 (480.70 to 481.70): VN054762.D (-2569) (-)

Ion 506.00 (505.70 to 506.70): VN054762.D (-2569) (-)

Ion 531.00 (530.70 to 531.70): VN054762.D (-2569) (-)

Ion 556.00 (555.70 to 556.70): VN054762.D (-2569) (-)

Ion 581.00 (580.70 to 581.70): VN054762.D (-2569) (-)

Ion 606.00 (605.70 to 606.70): VN054762.D (-2569) (-)

Ion 631.00 (630.70 to 631.70): VN054762.D (-2569) (-)

Ion 656.00 (655.70 to 656.70): VN054762.D (-2569) (-)

Ion 681.00 (680.70 to 681.70): VN054762.D (-2569) (-)

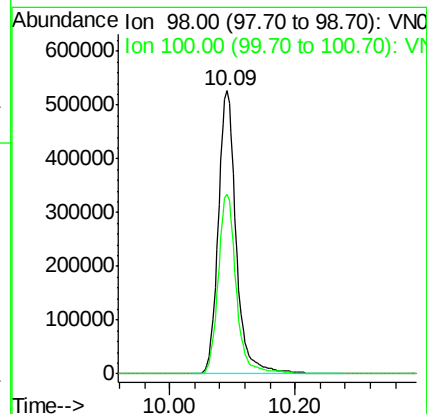
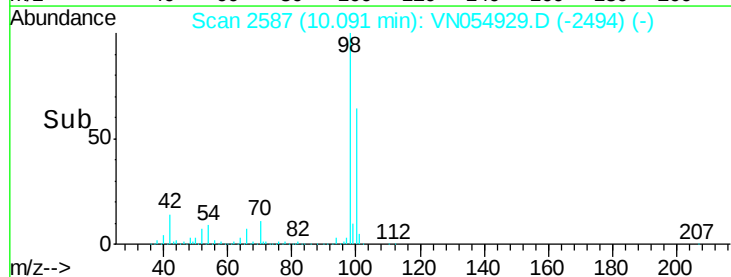
Ion 706.00 (705.70 to 706.70): VN054762.D (-2569) (-)

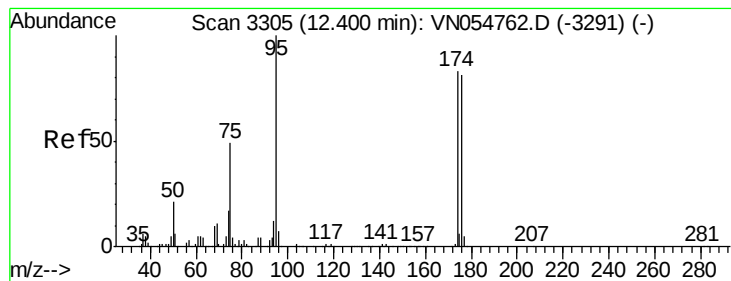
Ion 731.00 (730.70 to 731.70): VN054762.D (-2569) (-)

Ion 756.00 (755.70 to 756.70): VN054762.D (-2569) (-)

Ion 781.00 (780.70 to 781.70): VN054762.D (-2569) (-)

Ion 806.00 (805.70 to 806.70): VN054762.D (-2569) (-)





#62

4-Bromofluorobenzene

Concen: 44.257 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

Instrument :

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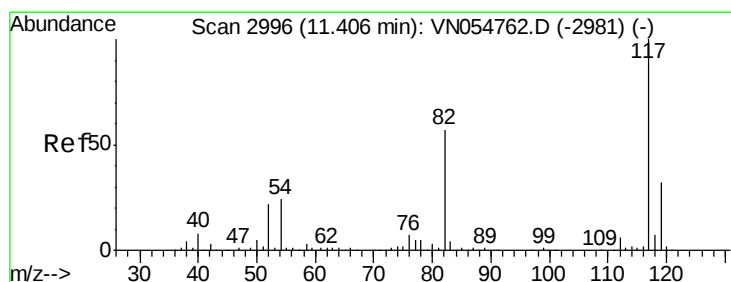
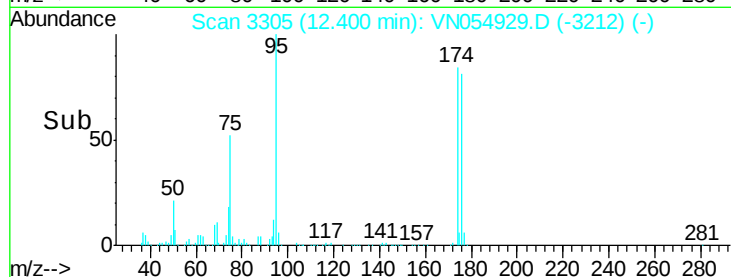
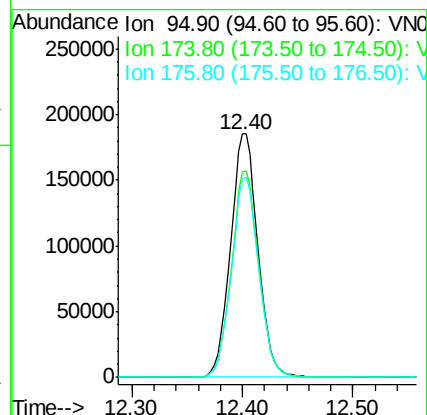
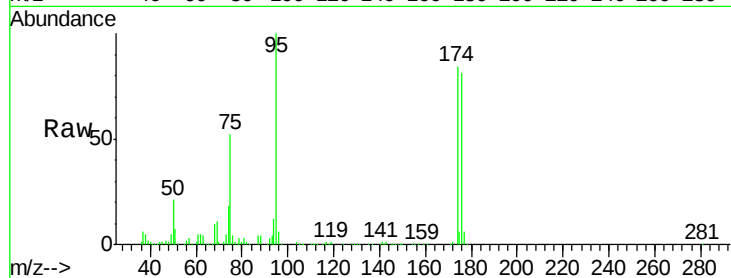
Tot Ion: 95 Resp: 318277

Ion Ratio Lower Upper

95 100

174 84.7 0.0 191.0

176 82.4 0.0 187.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

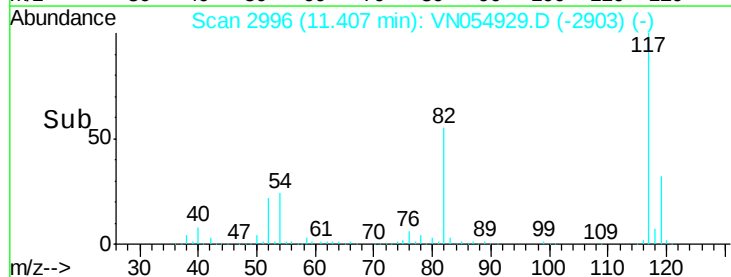
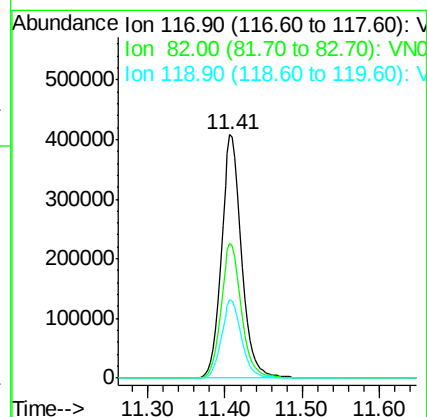
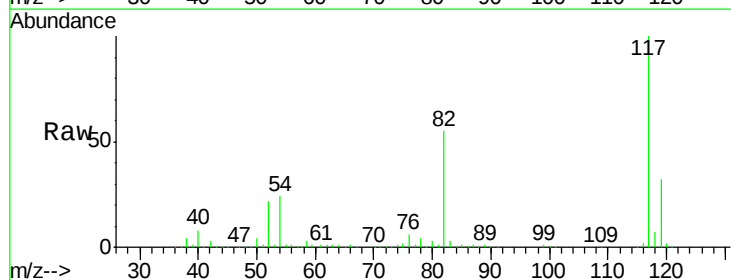
Tgt Ion: 117 Resp: 746761

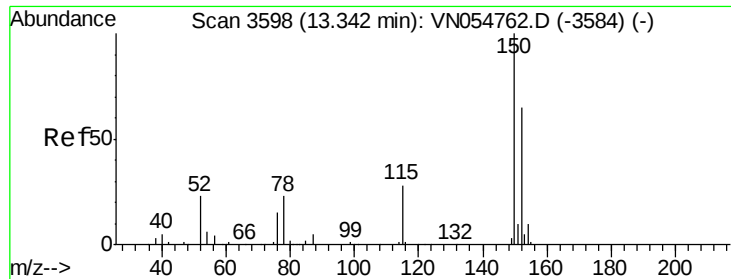
Ion Ratio Lower Upper

117 100

82 55.4 40.0 60.0

119 32.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

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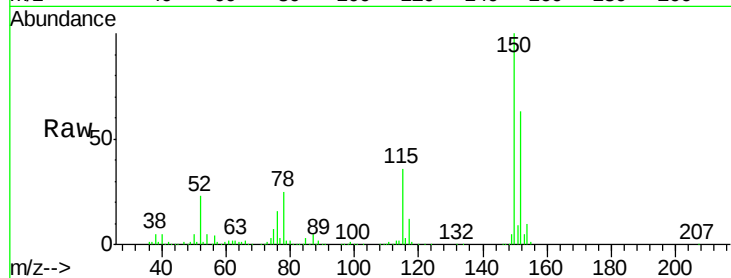
Tot Ion:152 Resp: 269565

Ion Ratio Lower Upper

152 100

115 57.7 27.2 81.6

150 158.1 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

