

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055245.D
 Acq On : 25 Apr 2019 14:44
 Operator : JC/SP
 Sample : K2203-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-042419-A

Quant Time: Apr 26 03:32:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

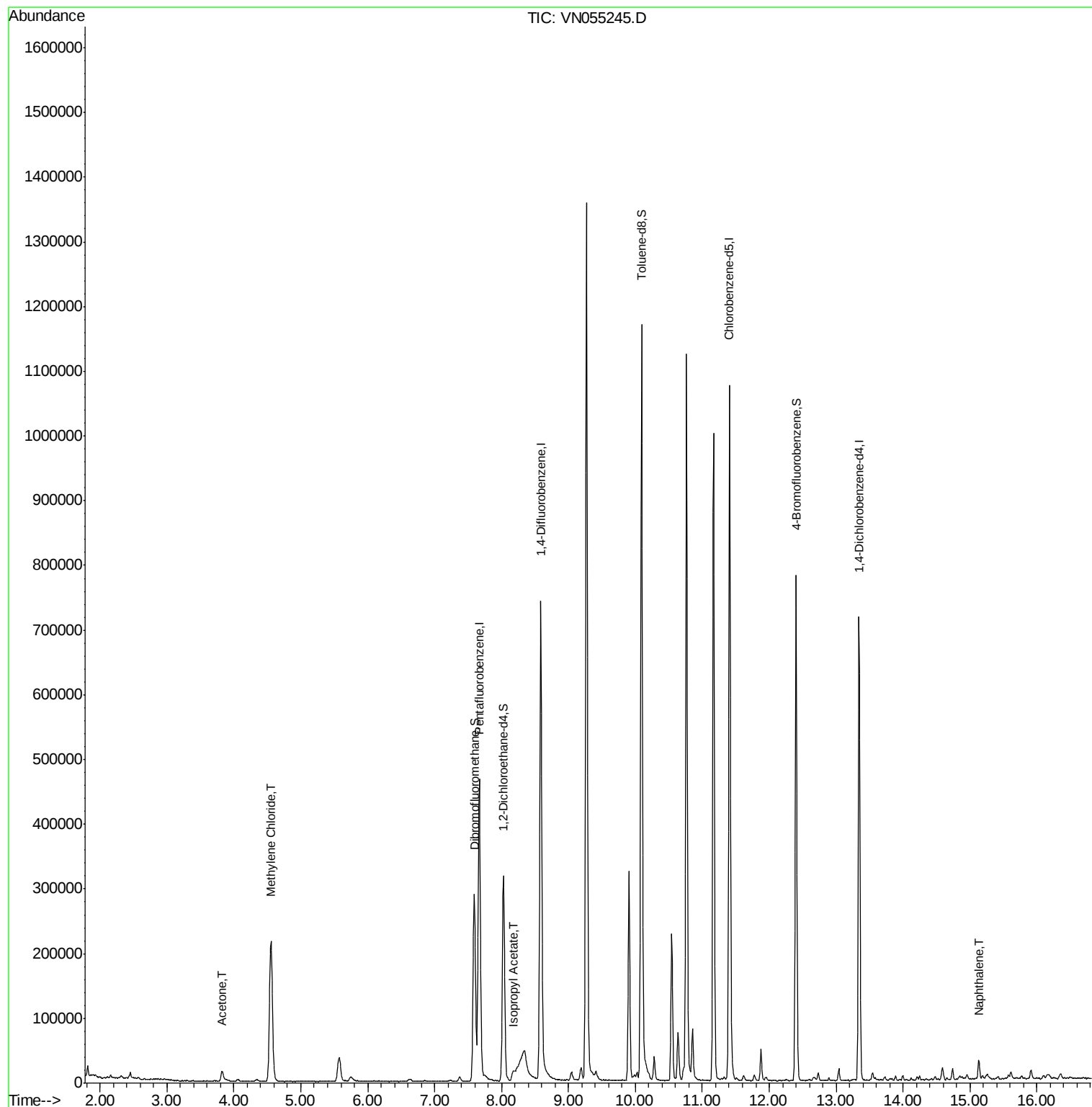
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	386374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	683304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	623521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	195329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	272922	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
35) Dibromofluoromethane	7.59	113	218954	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
50) Toluene-d8	10.09	98	839317	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.40	95	266015	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
Target Compounds						
16) Acetone	3.82	43	28309	16.375	ug/l	100
20) Methylene Chloride	4.55	84	153573	30.899	ug/l	98
43) Isopropyl Acetate	8.18	43	23233	2.803	ug/l #	80
95) Naphthalene	15.13	128	26203	7.280	ug/l	98

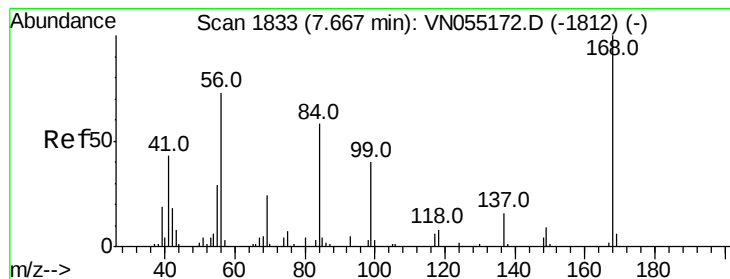
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042519\
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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: VN055245.D

Acq: 25 Apr 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

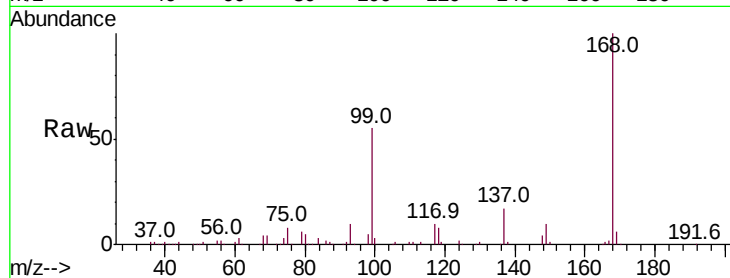
SU-03-042419-A

Tot Ion:168 Resp: 386374

Ion Ratio Lower Upper

168 100

99 55.1 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN055172.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055172.D (-1812) (-)

7.67

150000

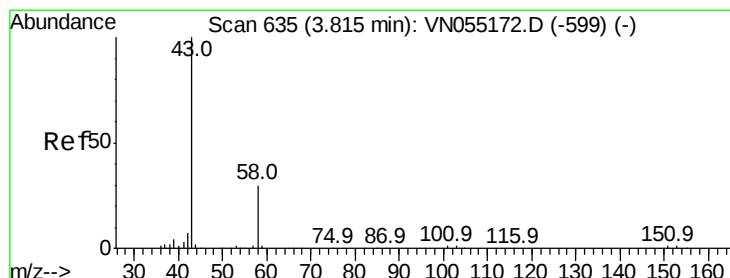
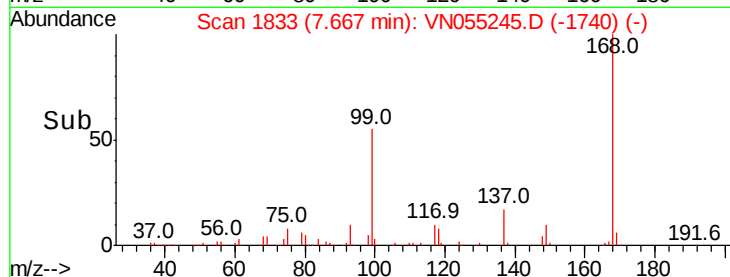
100000

50000

0

Time-->

7.60 7.70



#16

Acetone

Concen: 16.375 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN055245.D

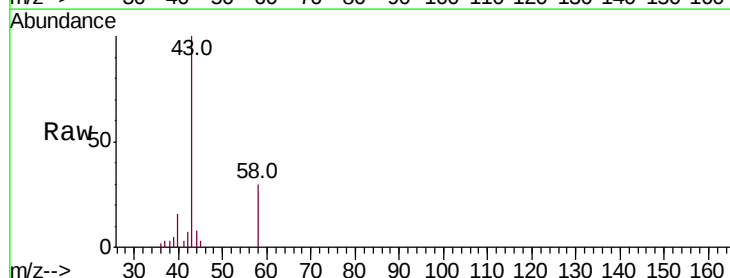
Acq: 25 Apr 2019 14:44

Tgt Ion: 43 Resp: 28309

Ion Ratio Lower Upper

43 100

58 29.8 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-599) (-)

3.82

12000

10000

8000

6000

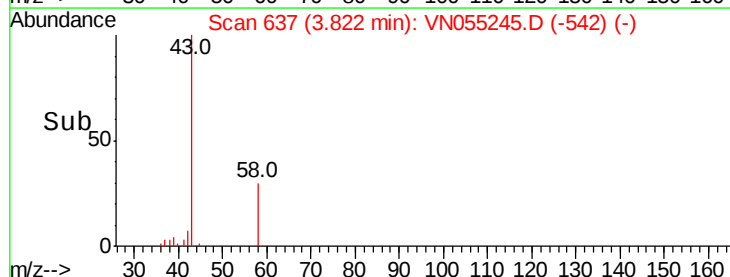
4000

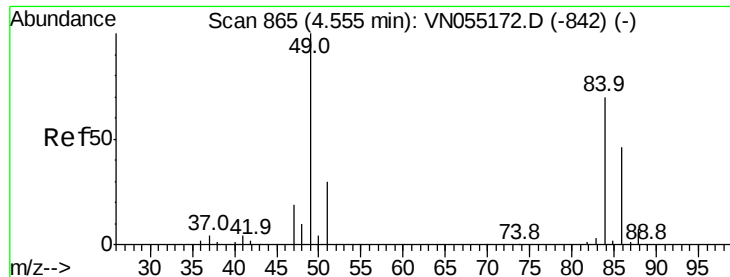
2000

0

Time-->

3.75 3.80 3.85 3.90 3.95

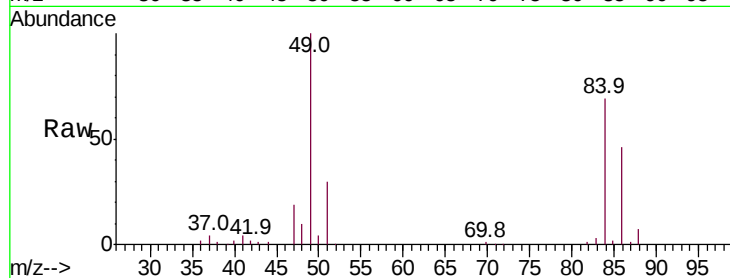




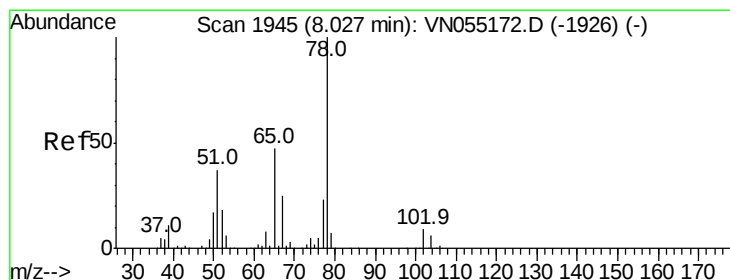
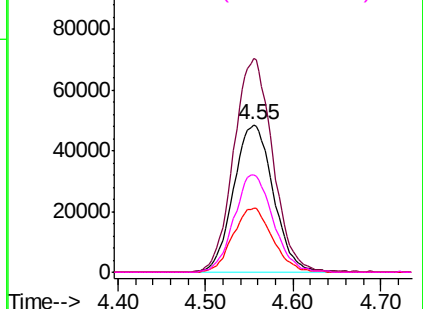
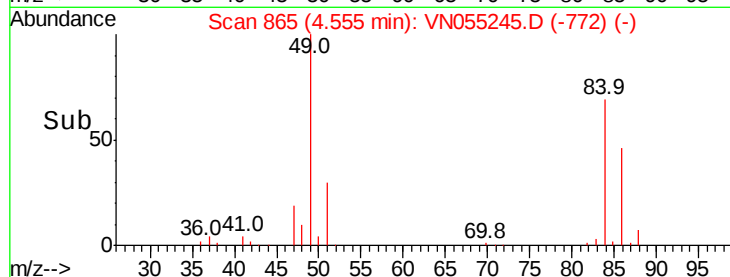
#20
Methylene Chloride
Concen: 30.899 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055245.D
Acq: 25 Apr 2019 14:44

Instrument :
MSVOA_N
ClientSampleId :
SU-03-042419-A

Tot Ion: 84 Resp: 153573
Ion Ratio Lower Upper
84 100
49 145.0 113.8 170.6
51 43.5 34.0 51.0
86 66.2 52.3 78.5

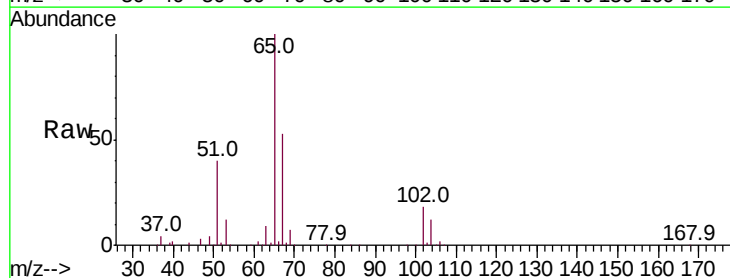


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

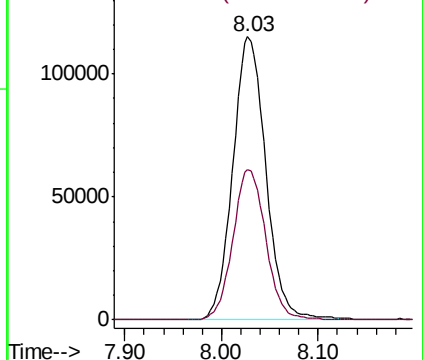
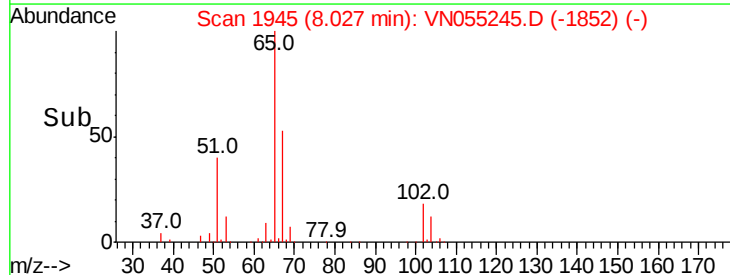


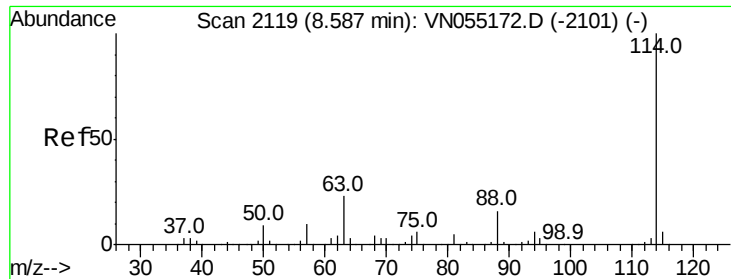
#33
1,2-Dichloroethane-d4
Concen: 52.187 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055245.D
Acq: 25 Apr 2019 14:44

Tgt Ion: 65 Resp: 272922
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

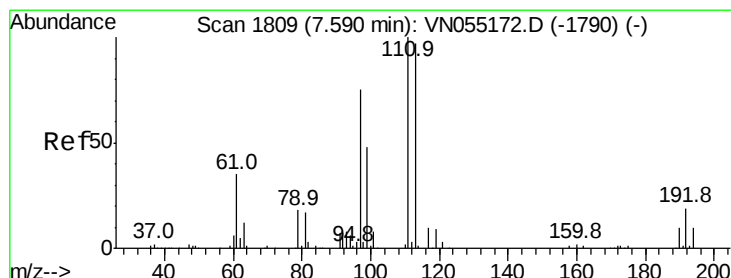
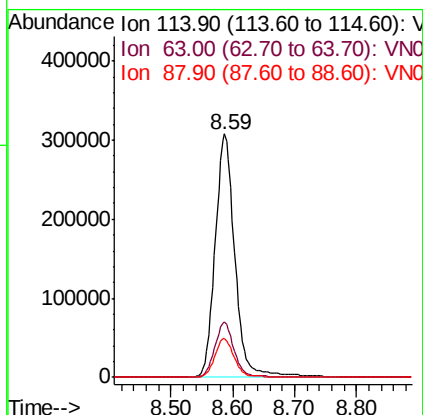
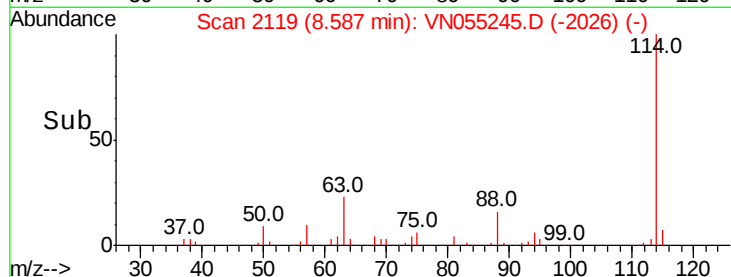
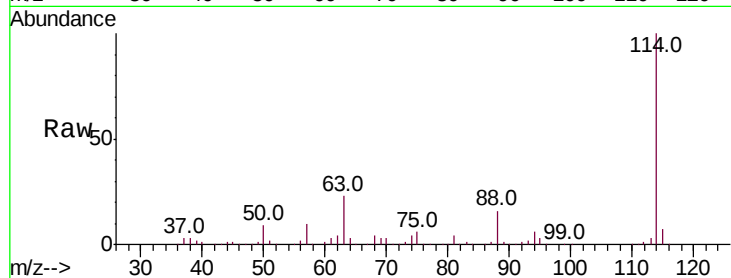




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055245.D
 Acq: 25 Apr 2019 14:44

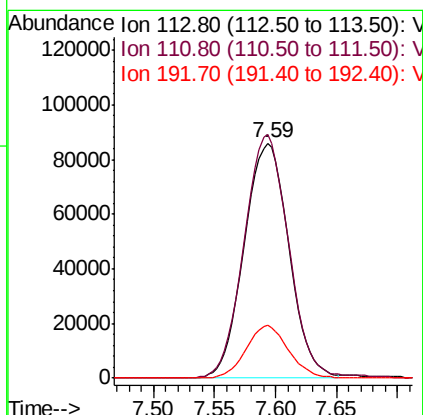
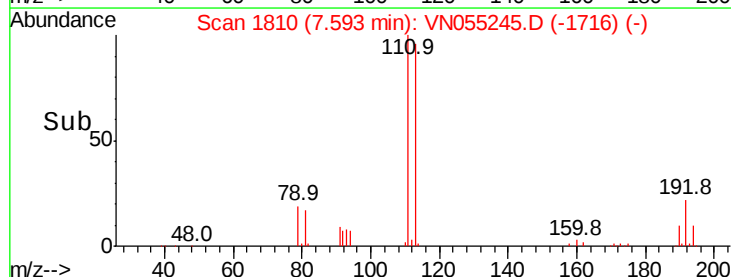
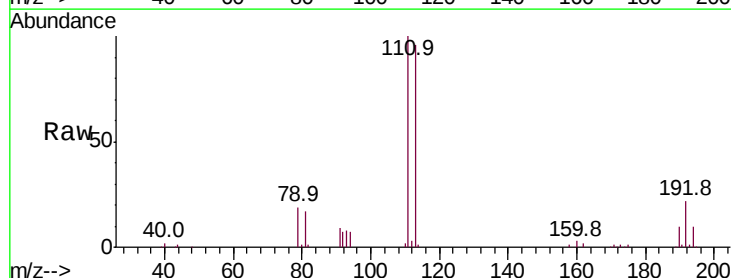
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-042419-A

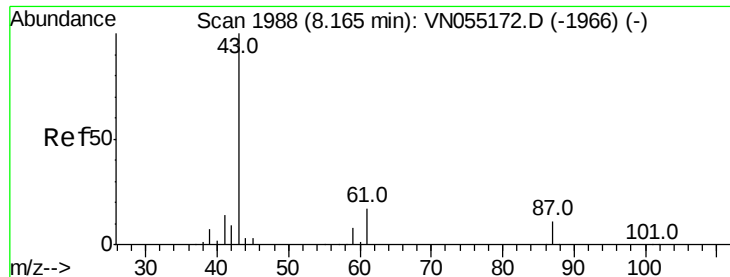
Tot Ion:114 Resp: 683304
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.2
 88 16.1 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 47.168 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055245.D
 Acq: 25 Apr 2019 14:44

Tgt Ion:113 Resp: 218954
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.0 121.4
 192 21.2 16.2 24.4





#43

Isopropyl Acetate

Concen: 2.803 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

SU-03-042419-A

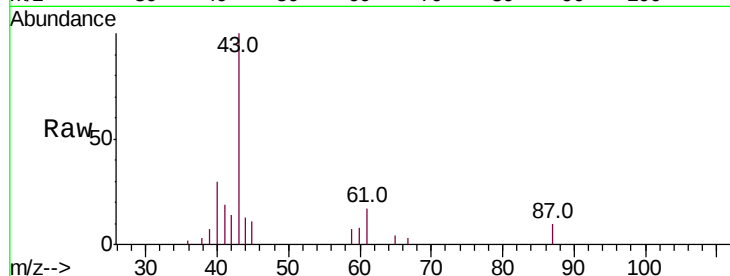
Tot Ion: 43 Resp: 23233

Ion Ratio Lower Upper

43 100

61 12.6 20.6 30.8#

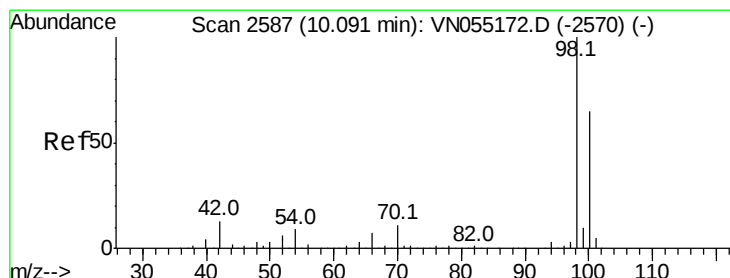
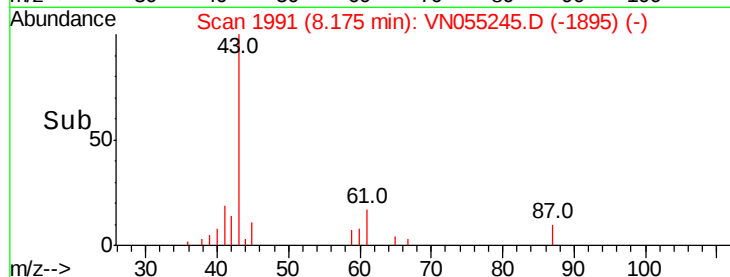
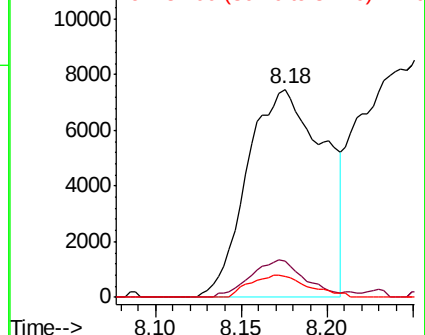
87 8.1 8.8 13.2#



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN055172.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN055172.D (-1966) (-)



#50

Toluene-d8

Concen: 48.799 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055245.D

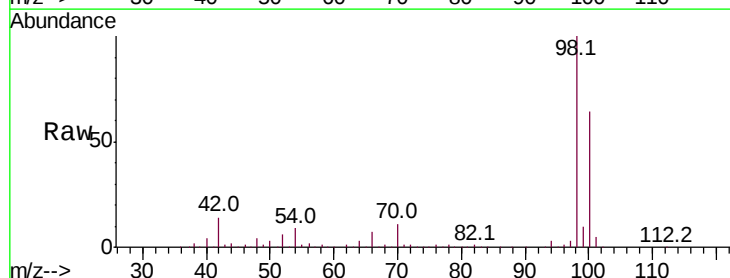
Acq: 25 Apr 2019 14:44

Tgt Ion: 98 Resp: 839317

Ion Ratio Lower Upper

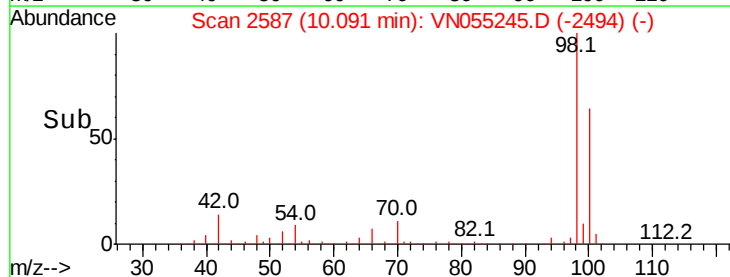
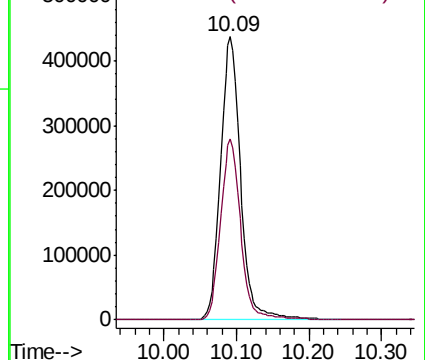
98 100

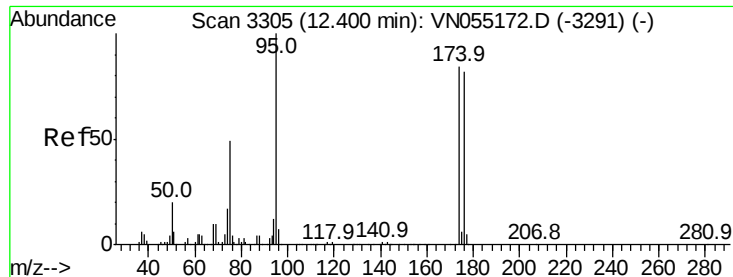
100 64.3 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN055172.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055172.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 48.841 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

SU-03-042419-A

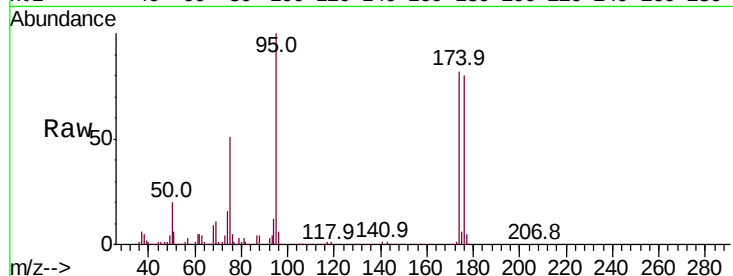
Tot Ion: 95 Resp: 266015

Ion Ratio Lower Upper

95 100

174 84.1 0.0 168.4

176 80.5 0.0 164.0



Abundance Ion 94.90 (94.60 to 95.60): VN055172.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055172.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055172.D (-3291) (-)

12.40

150000

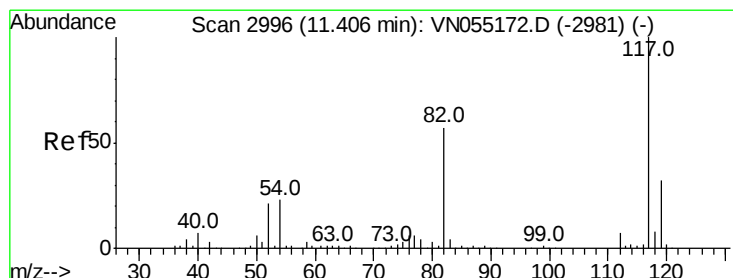
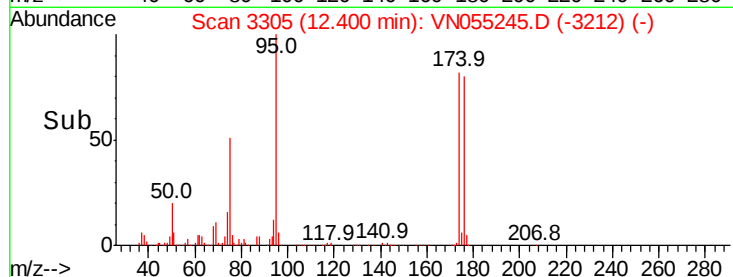
100000

50000

0

12.35 12.40 12.45 12.50

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

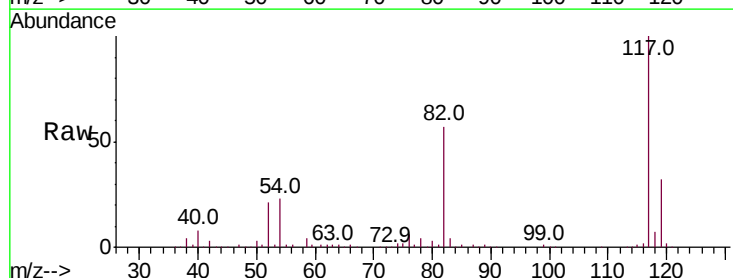
Tgt Ion: 117 Resp: 623521

Ion Ratio Lower Upper

117 100

82 56.9 45.7 68.5

119 32.0 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN055172.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055172.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055172.D (-2981) (-)

11.41

400000

300000

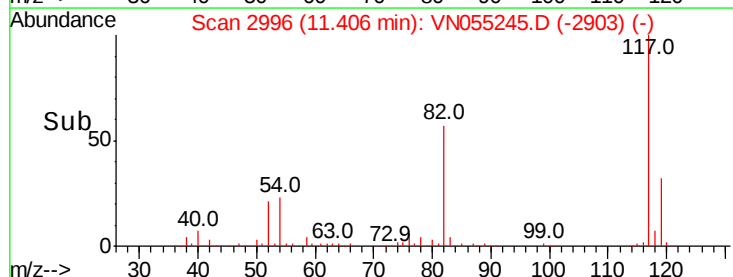
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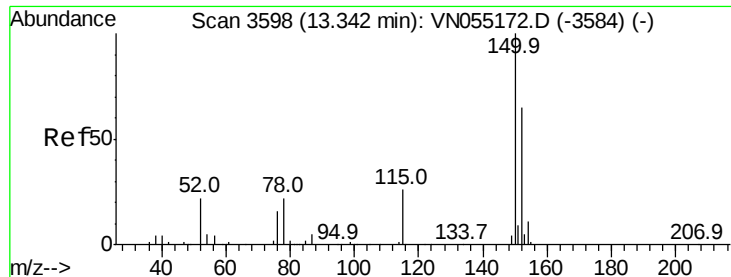
100000

0

11.30 11.40 11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

Instrument :

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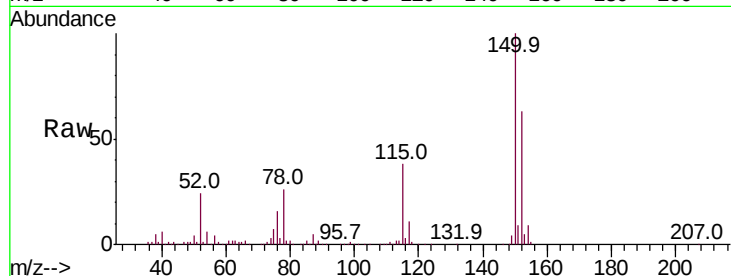
Tot Ion:152 Resp: 195329

Ion Ratio Lower Upper

152 100

115 58.2 28.9 86.7

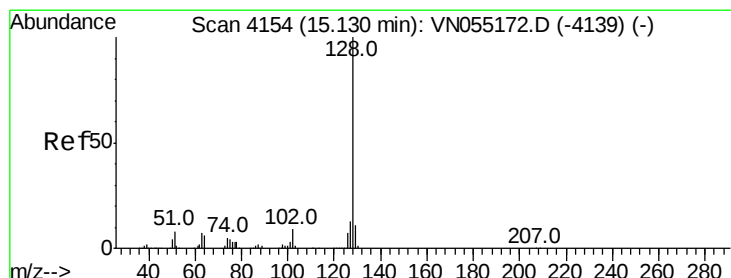
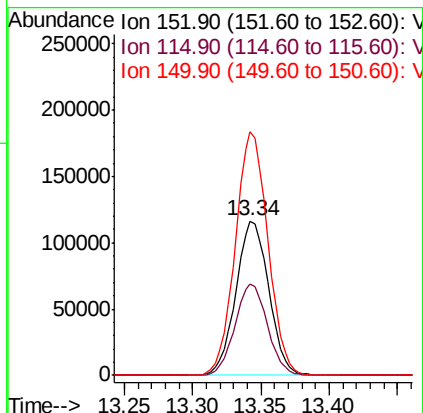
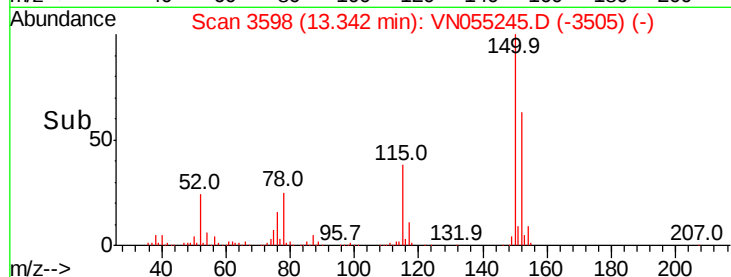
150 155.7 0.0 346.6



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



#95

Naphthalene

Concen: 7.280 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055245.D

Acq: 25 Apr 2019 14:44

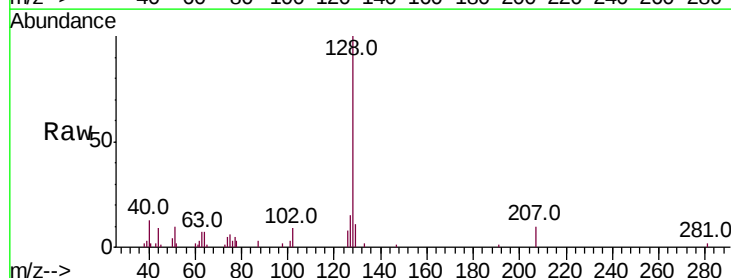
Tgt Ion:128 Resp: 26203

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 10.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

