

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042419\
 Data File : VN055219.D
 Acq On : 24 Apr 2019 11:29
 Operator : JC/SP
 Sample : PB119160TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119160TB

Quant Time: Apr 25 04:37:30 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

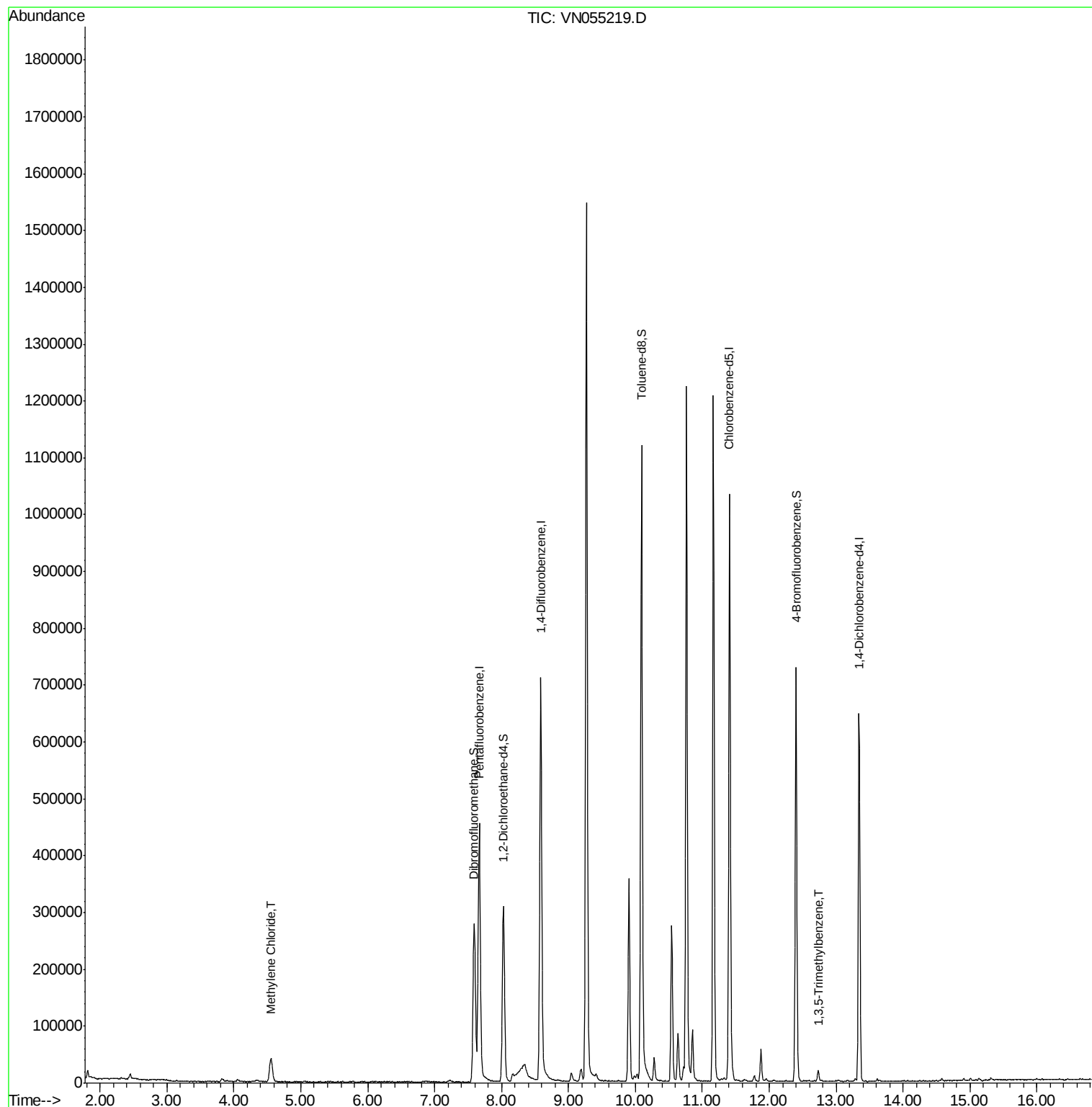
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	381449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	655759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	594978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	180163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	264476	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
35) Dibromofluoromethane	7.59	113	214867	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	10.09	98	808258	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.40	95	251671	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
Target Compounds						
20) Methylene Chloride	4.55	84	27813	5.668	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	10001	0.742	ug/l	97

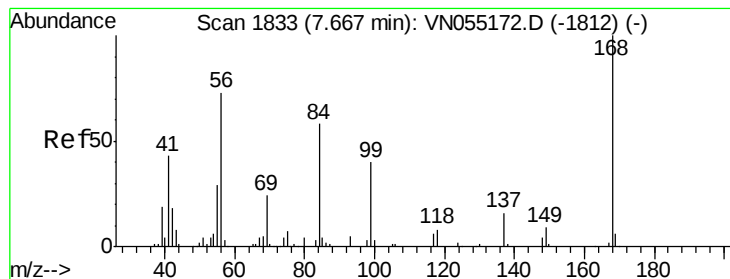
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055219.D

Acq: 24 Apr 2019 11:29

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MSVOA_N

ClientSampleId :

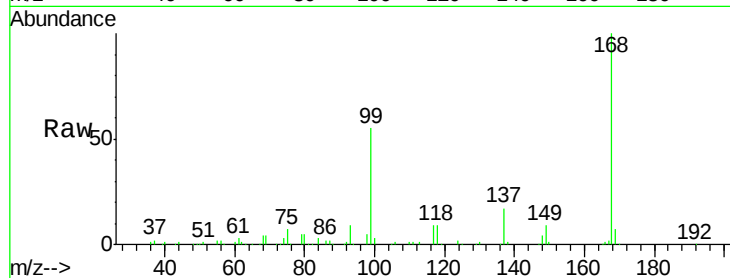
PB119160TB

Tot Ion:168 Resp: 381449

Ion Ratio Lower Upper

168 100

99 55.1 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

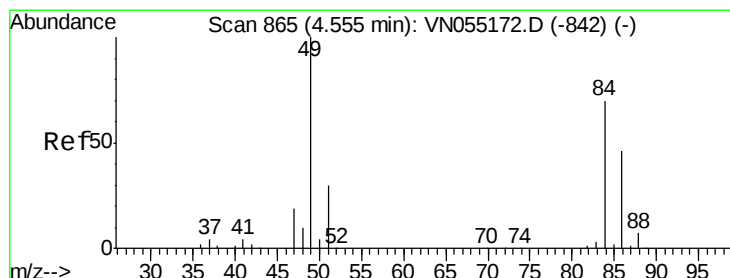
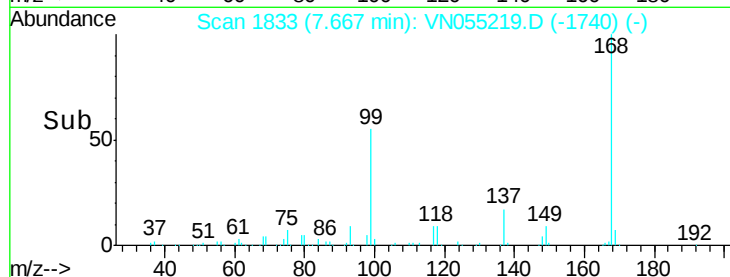
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.668 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN055219.D

Acq: 24 Apr 2019 11:29

Tgt Ion: 84 Resp: 27813

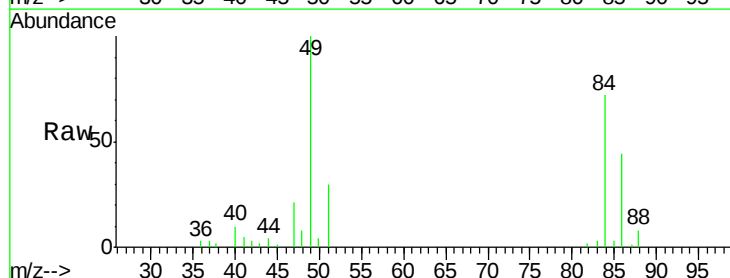
Ion Ratio Lower Upper

84 100

49 139.3 113.8 170.6

51 42.0 34.0 51.0

86 60.9 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

20000

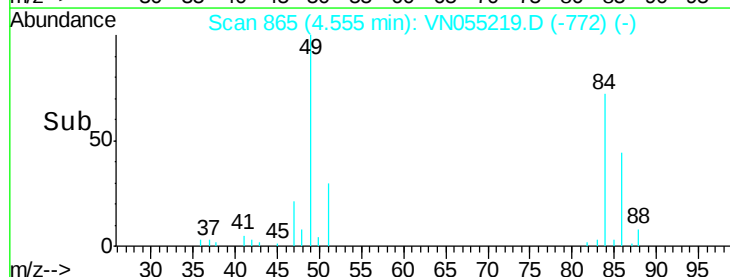
15000

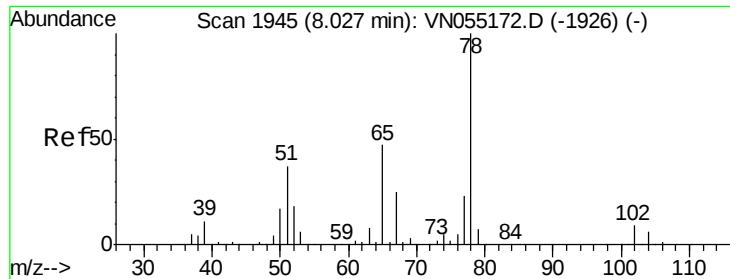
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.225 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055219.D

Acq: 24 Apr 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

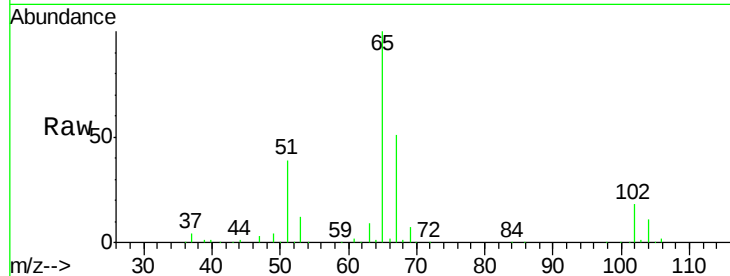
PB119160TB

Tot Ion: 65 Resp: 264476

Ion Ratio Lower Upper

65 100

67 53.0 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN055219.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055219.D (-1852) (-)

8.03

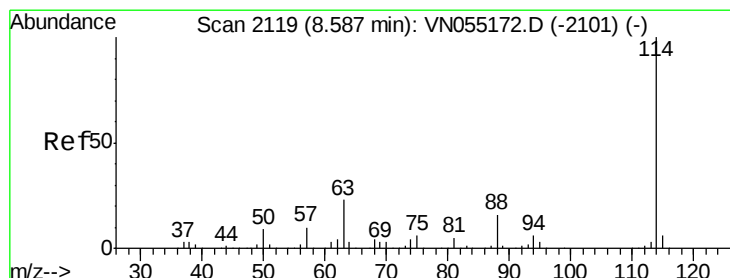
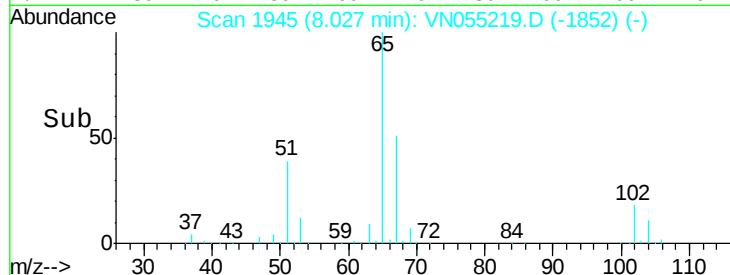
100000

50000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055219.D

Acq: 24 Apr 2019 11:29

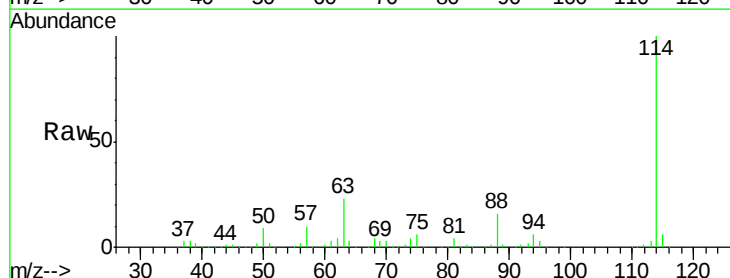
Tgt Ion: 114 Resp: 655759

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

88 15.6 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VN055219.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN055219.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN055219.D (-2026) (-)

8.59

400000

300000

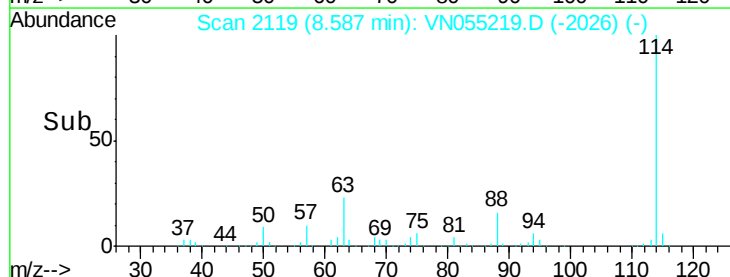
200000

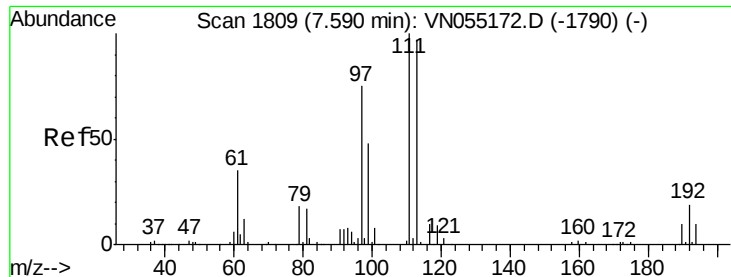
100000

0

8.50 8.60 8.70

Time-->

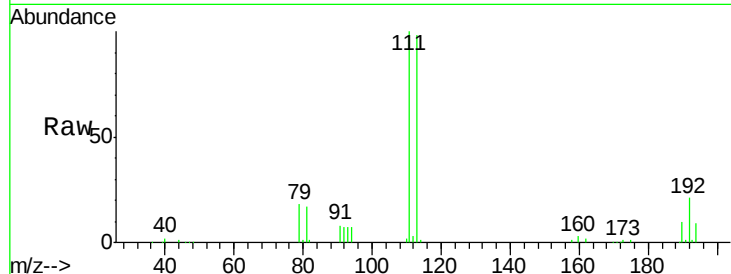




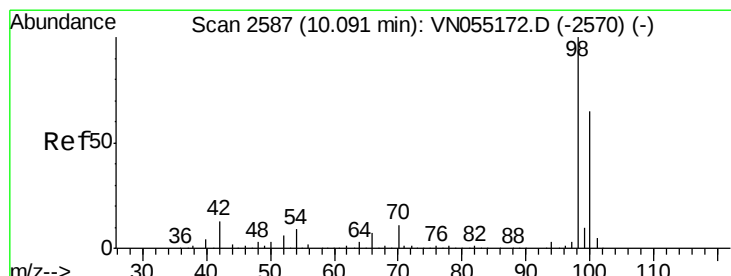
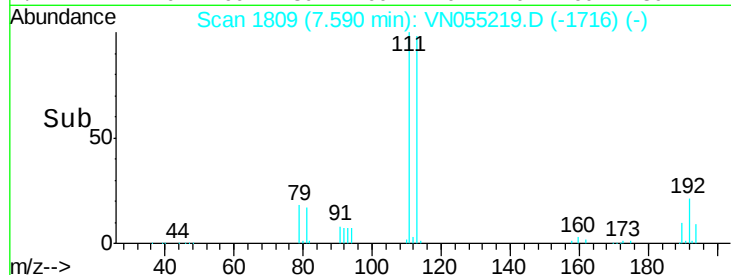
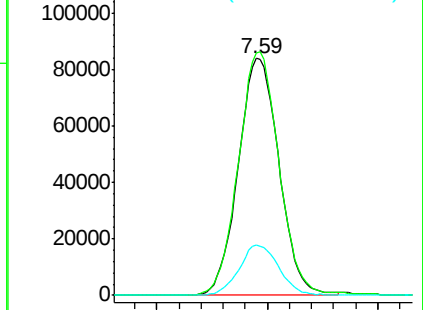
#35
 Dibromofluoromethane
 Concen: 48.232 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055219.D
 Acq: 24 Apr 2019 11:29

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119160TB

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.0	121.4
192	20.8	16.2	24.4

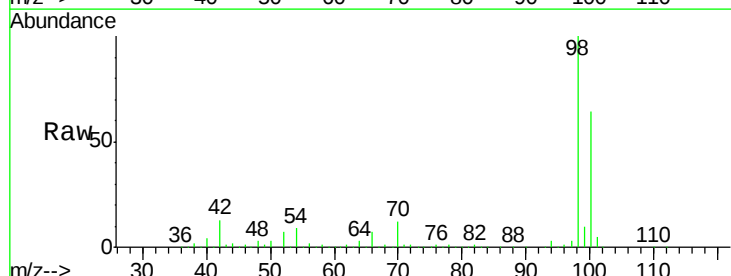


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

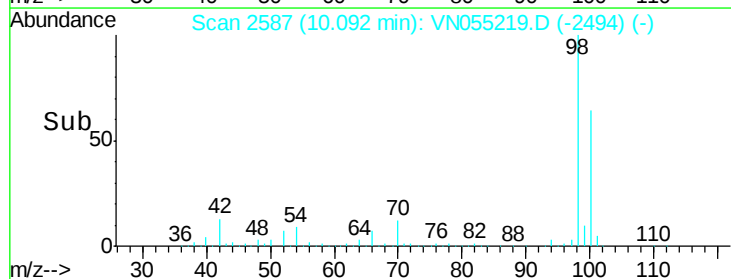
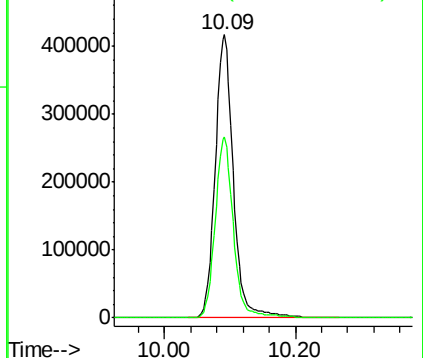


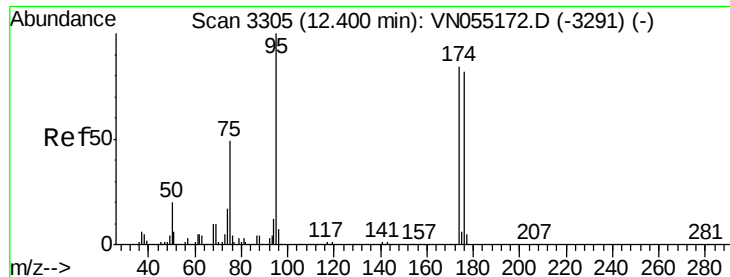
#50
 Toluene-d8
 Concen: 48.968 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN055219.D
 Acq: 24 Apr 2019 11:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.8	77.6



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.148 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055219.D

Acq: 24 Apr 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

PB119160TB

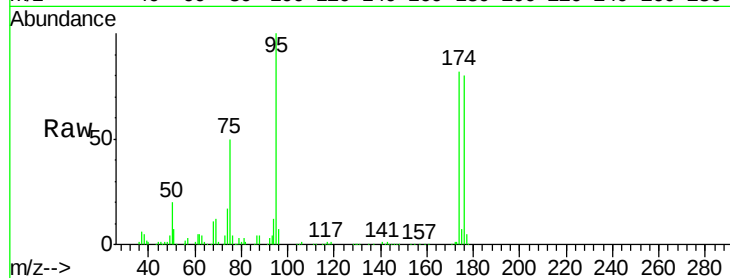
Tot Ion: 95 Resp: 251671

Ion Ratio Lower Upper

95 100

174 83.7 0.0 168.4

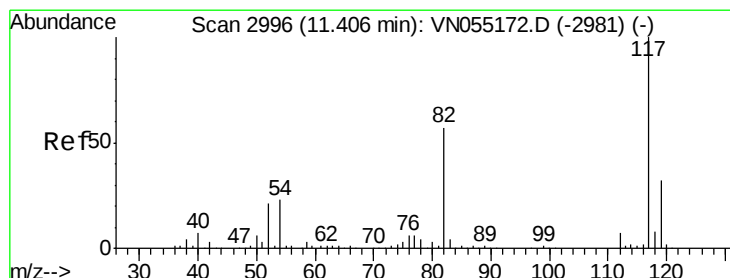
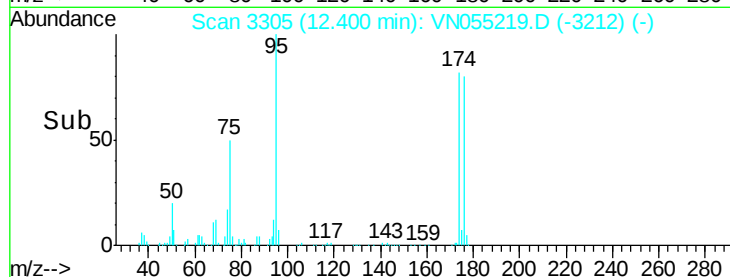
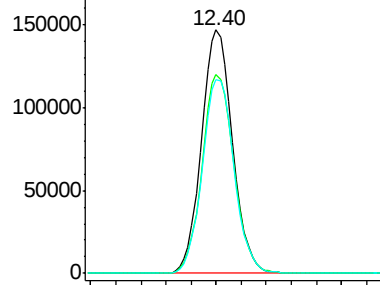
176 81.7 0.0 164.0



Abundance Ion 94.90 (94.60 to 95.60): VN055219.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055219.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055219.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055219.D

Acq: 24 Apr 2019 11:29

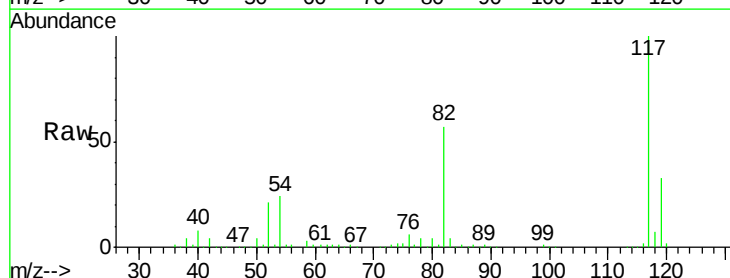
Tgt Ion: 117 Resp: 594978

Ion Ratio Lower Upper

117 100

82 57.0 45.7 68.5

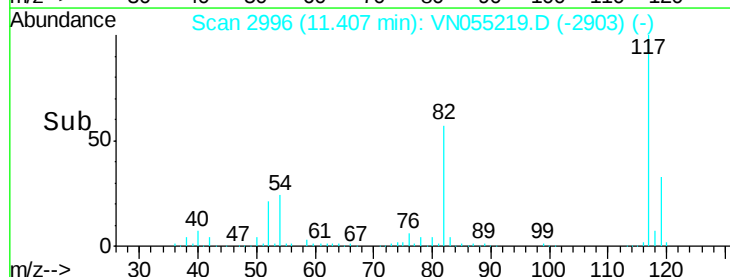
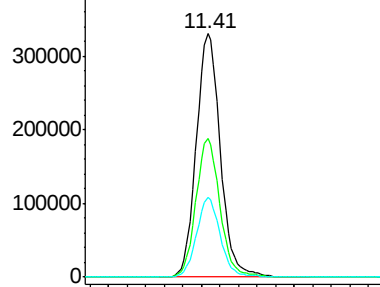
119 32.6 25.4 38.2

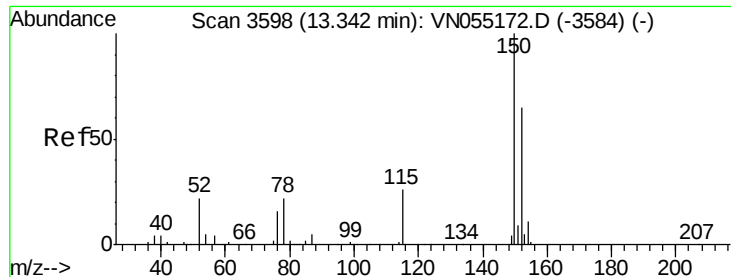


Abundance Ion 116.90 (116.60 to 117.60): VN055219.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055219.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055219.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055219.D

Acq: 24 Apr 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

PB119160TB

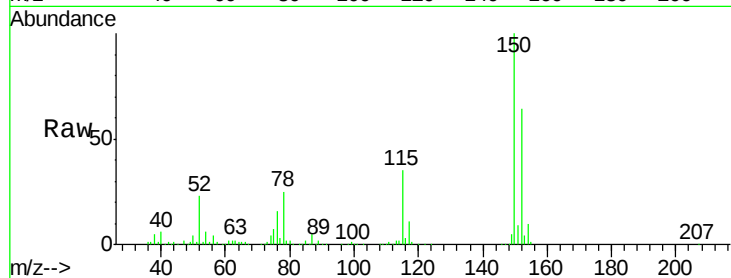
Tot Ion:152 Resp: 180163

Ion Ratio Lower Upper

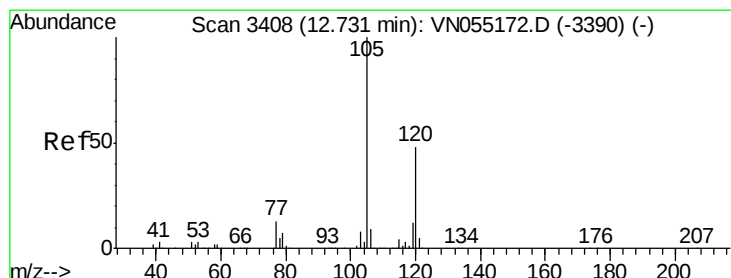
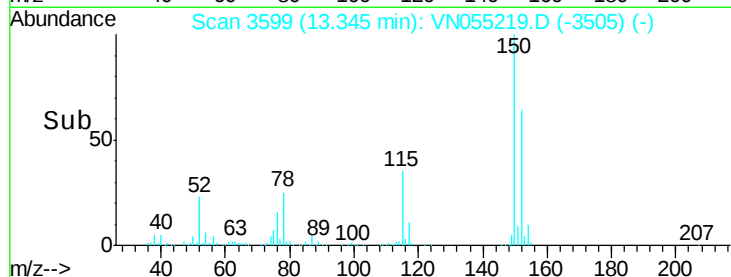
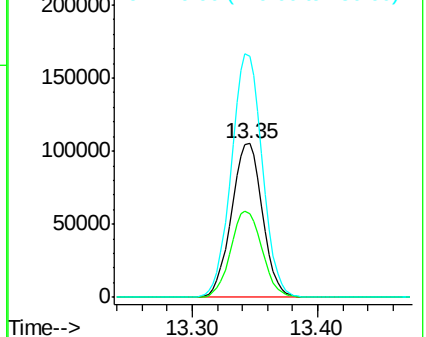
152 100

115 57.0 28.9 86.7

150 158.0 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



#80

1,3,5-Trimethylbenzene

Concen: 0.742 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055219.D

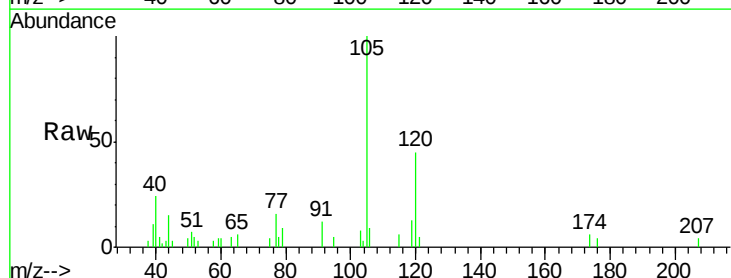
Acq: 24 Apr 2019 11:29

Tgt Ion:105 Resp: 10001

Ion Ratio Lower Upper

105 100

120 50.1 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

