

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055705.D
 Acq On : 21 May 2019 13:29
 Operator : JC/SP
 Sample : PB119915TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119915TB

Quant Time: May 22 05:33:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

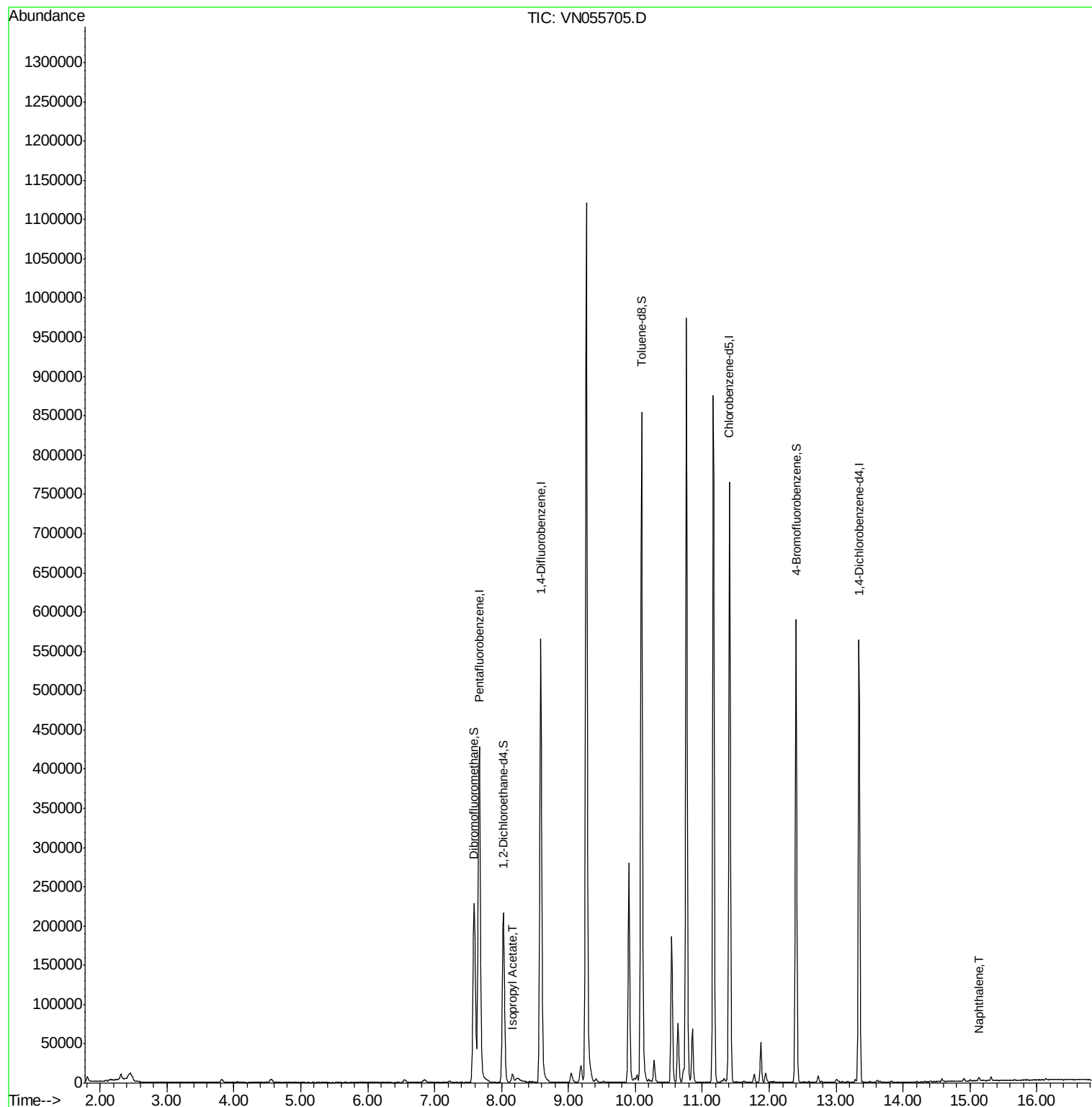
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	429021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	577245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	496376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	168098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	182474	38.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.60%	
35) Dibromofluoromethane	7.59	113	177530	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
50) Toluene-d8	10.09	98	663395	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.40	95	202613	42.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.64%	
Target Compounds						
43) Isopropyl Acetate	8.16	43	13425	1.662	ug/l #	92
95) Naphthalene	15.13	128	5156	2.333	ug/l	98

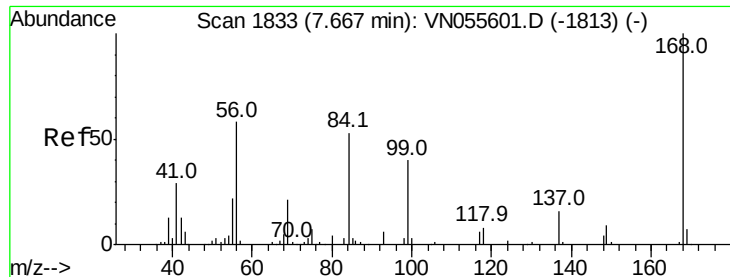
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055705.D

Acq: 21 May 2019 13:29

Instrument :

MSVOA_N

ClientSampleId :

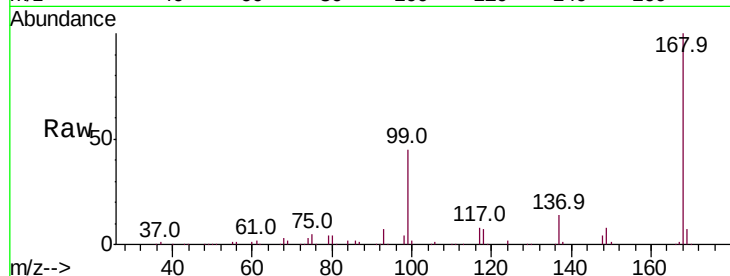
PB119915TB

Tot Ion:168 Resp: 429021

Ion Ratio Lower Upper

168 100

99 44.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055705.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055705.D (-1813) (-)

7.67

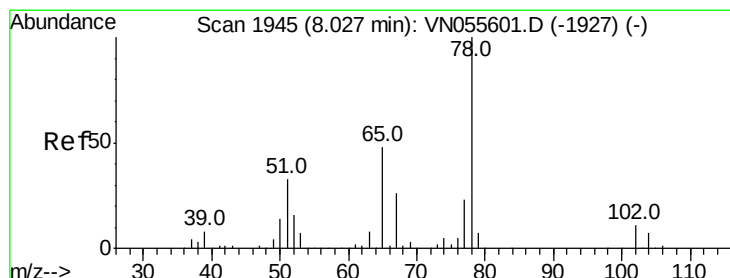
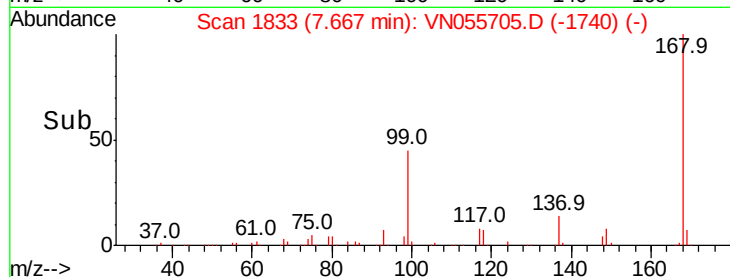
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 38.800 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055705.D

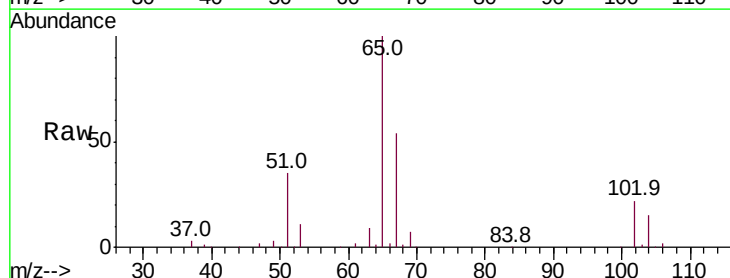
Acq: 21 May 2019 13:29

Tgt Ion: 65 Resp: 182474

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN055705.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055705.D (-1852) (-)

8.03

80000

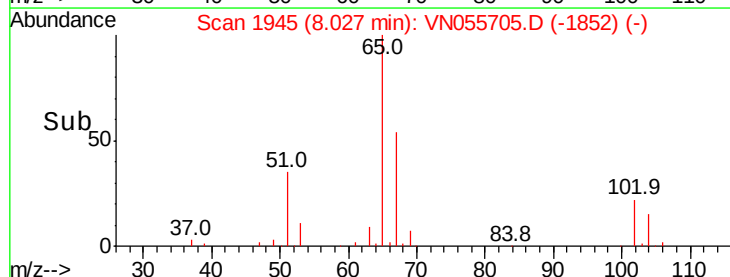
60000

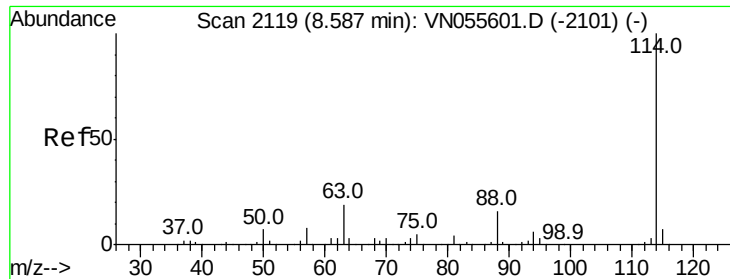
40000

20000

0

Time--> 7.90 8.00 8.10

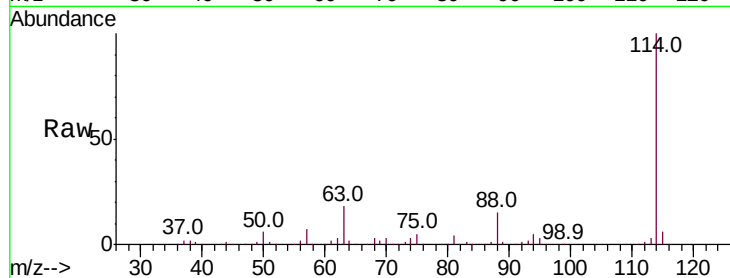




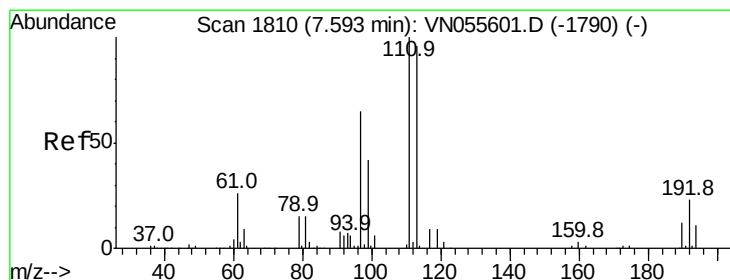
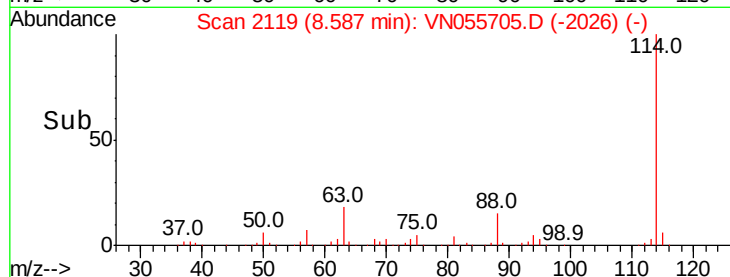
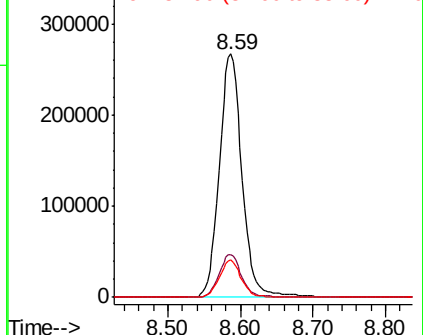
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055705.D
 Acq: 21 May 2019 13:29

Instrument :
 MSVOA_N
 ClientSampled :
 PB119915TB

Tot Ion:114 Resp: 577245
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 38.2
 88 15.3 0.0 31.0

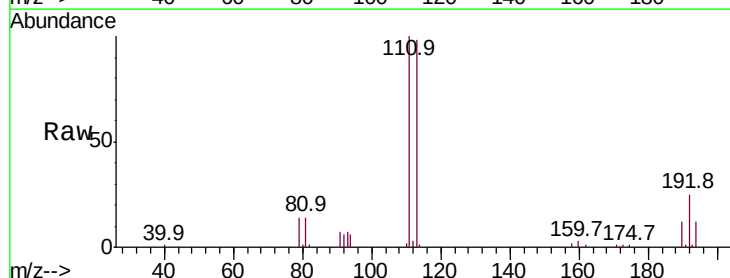


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

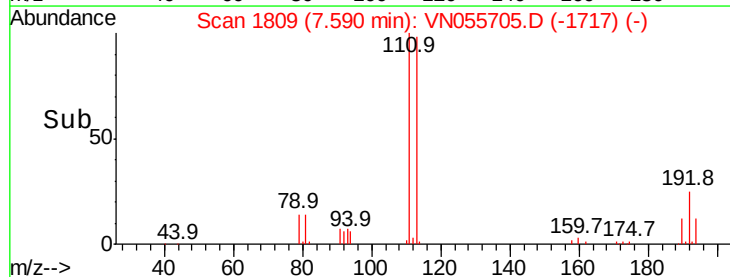
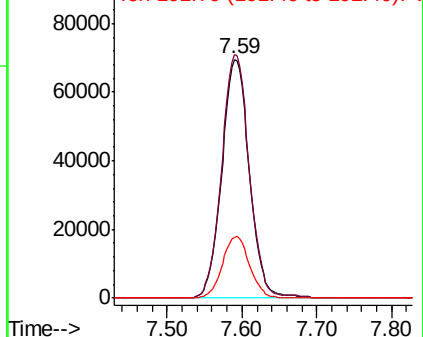


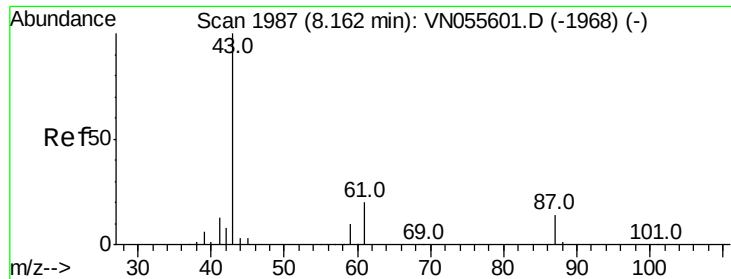
#35
 Dibromofluoromethane
 Concen: 48.414 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055705.D
 Acq: 21 May 2019 13:29

Tgt Ion:113 Resp: 177530
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.5 123.7
 192 25.4 18.7 28.1



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: 1.662 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN055705.D

Acq: 21 May 2019 13:29

Instrument :

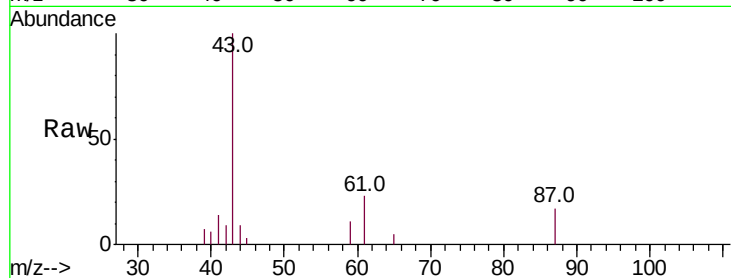
MSVOA_N

ClientSampleId :

PB119915TB

Tot Ion: 43 Resp: 13425

Ion	Ratio	Lower	Upper
43	100		
61	21.8	22.1	33.1#
87	14.1	11.8	17.6

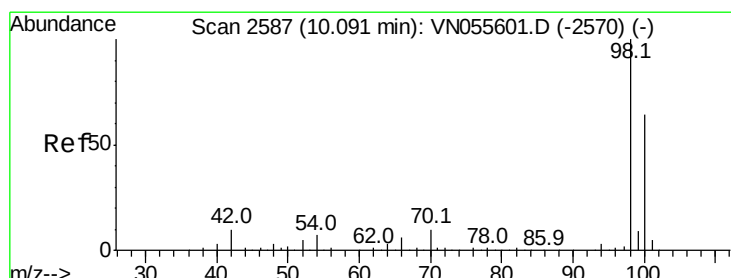
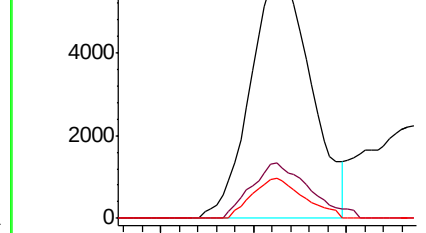
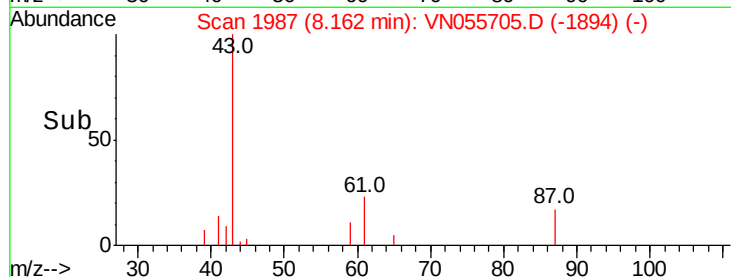


Abundance Ion 43.00 (42.70 to 43.70): VN055705.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN055705.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN055705.D (-1894) (-)

Time-->



#50

Toluene-d8

Concen: 47.846 ug/l

RT: 10.09 min Scan# 2587

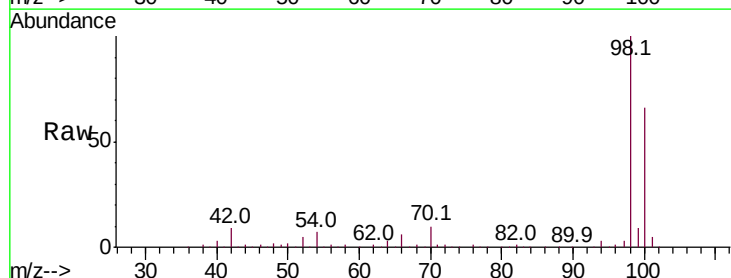
Delta R.T. 0.00 min

Lab File: VN055705.D

Acq: 21 May 2019 13:29

Tgt Ion: 98 Resp: 663395

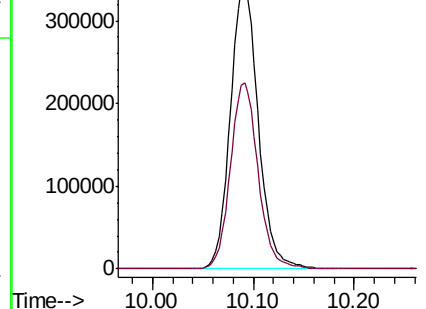
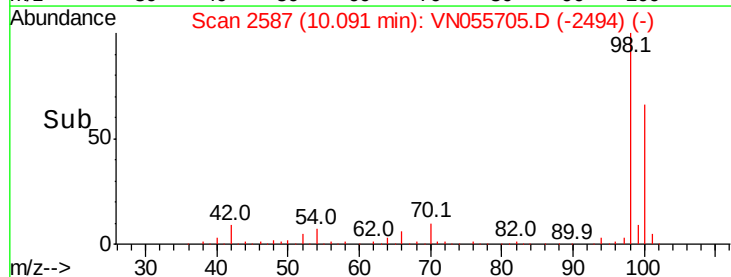
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.9	77.9

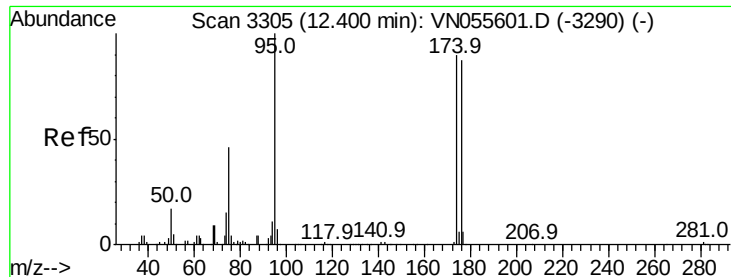


Abundance Ion 98.00 (97.70 to 98.70): VN055705.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055705.D (-2494) (-)

Time-->





#62

4-Bromofluorobenzene

Concen: 42.318 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055705.D

Acq: 21 May 2019 13:29

Instrument :

MSVOA_N

ClientSampleId :

PB119915TB

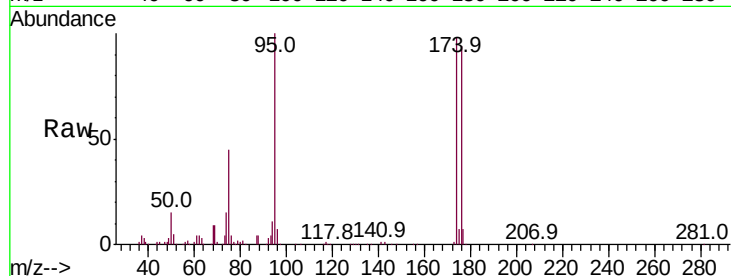
Tot Ion: 95 Resp: 202613

Ion Ratio Lower Upper

95 100

174 98.0 0.0 180.6

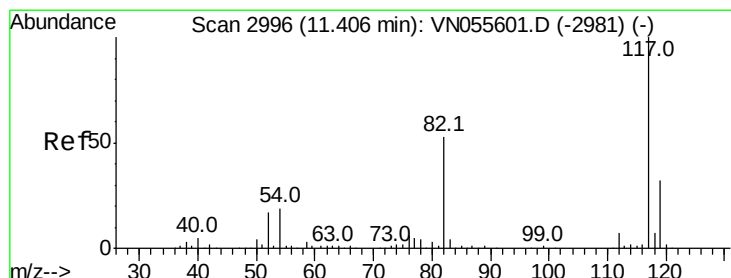
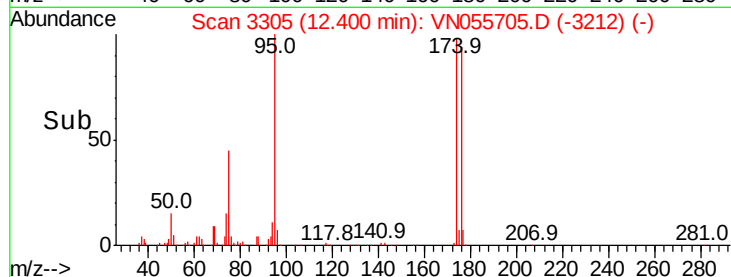
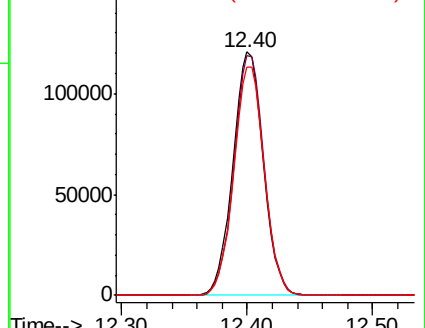
176 94.1 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055705.D

Acq: 21 May 2019 13:29

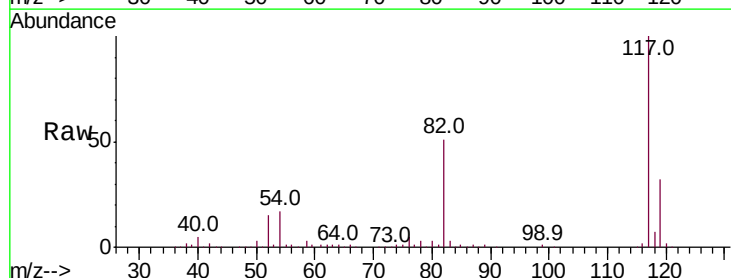
Tgt Ion: 117 Resp: 496376

Ion Ratio Lower Upper

117 100

82 51.1 42.3 63.5

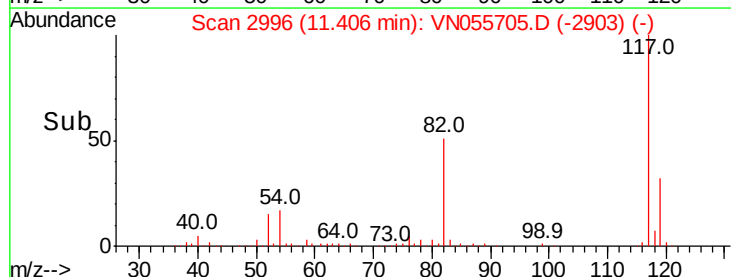
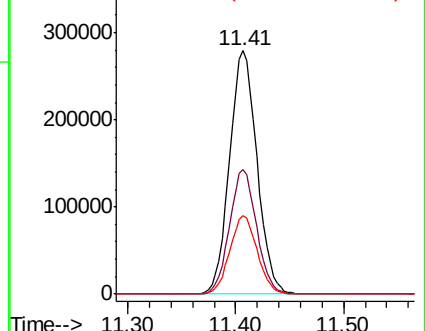
119 32.1 25.4 38.2

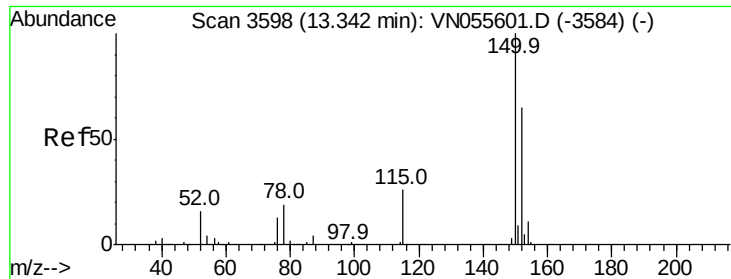


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055705.D

Acq: 21 May 2019 13:29

Instrument :

MSVOA_N

ClientSampled :

PB119915TB

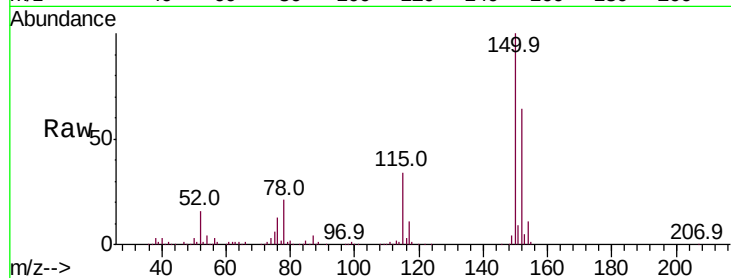
Tot Ion:152 Resp: 168098

Ion Ratio Lower Upper

152 100

115 53.4 28.1 84.2

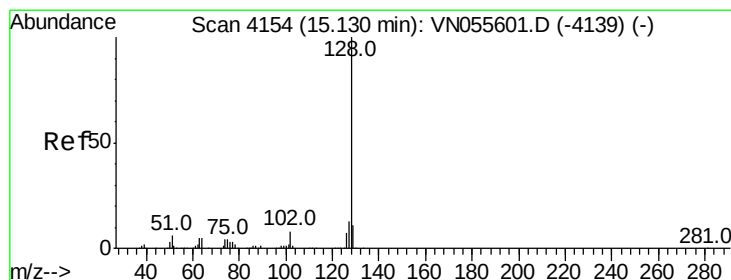
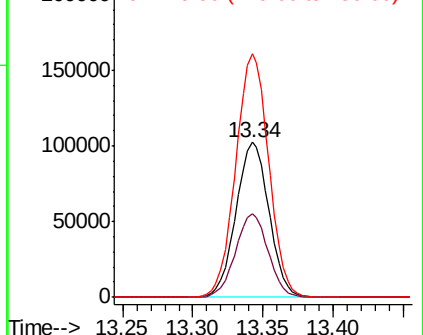
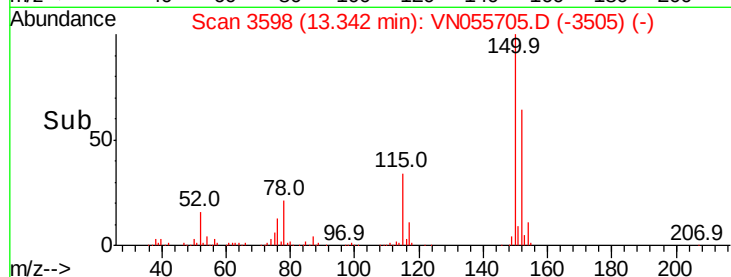
150 156.8 0.0 348.0



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: 2.333 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055705.D

Acq: 21 May 2019 13:29

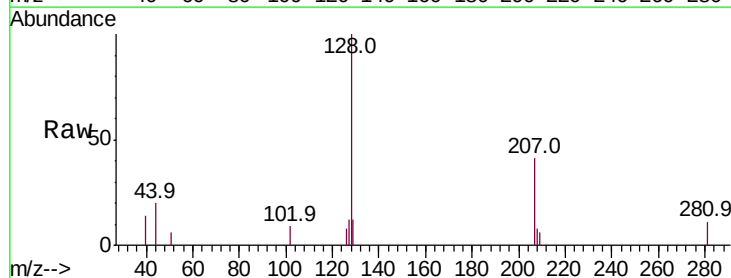
Tgt Ion:128 Resp: 5156

Ion Ratio Lower Upper

128 100

127 11.5 10.2 15.4

129 11.3 8.6 12.8



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

