

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050119\
 Data File : VN055321.D
 Acq On : 1 May 2019 11:46
 Operator : JC/SP
 Sample : PB119347TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119347TB

Quant Time: May 02 08:27:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

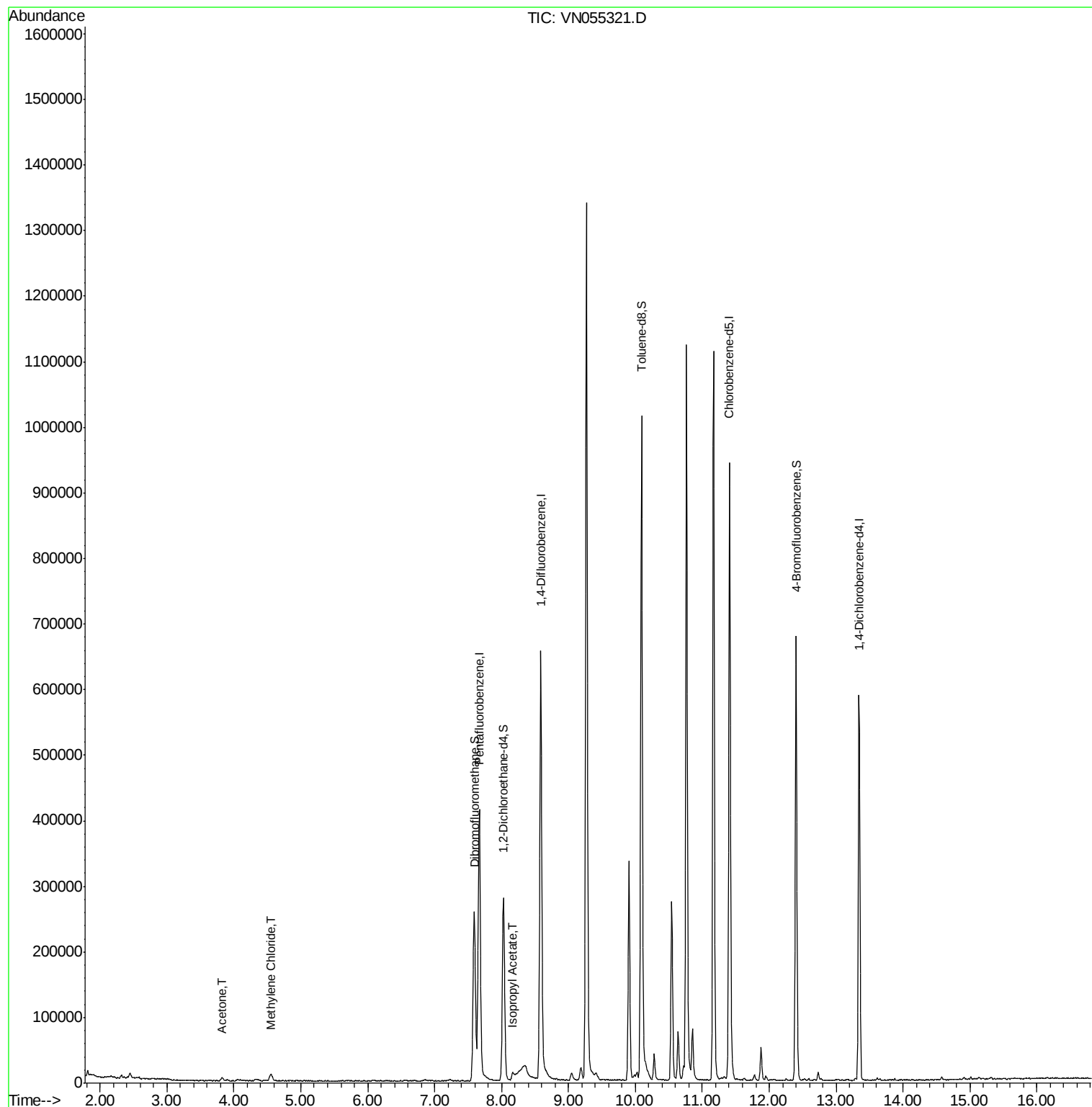
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	343415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	591130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	547809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	239177	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
35) Dibromofluoromethane	7.59	113	192642	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
50) Toluene-d8	10.09	98	738768	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.40	95	229104	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
Target Compounds						
16) Acetone	3.82	43	7843	5.603	ug/l #	88
20) Methylene Chloride	4.55	84	6900	1.615	ug/l	96
43) Isopropyl Acetate	8.17	43	17172	2.462	ug/l #	89

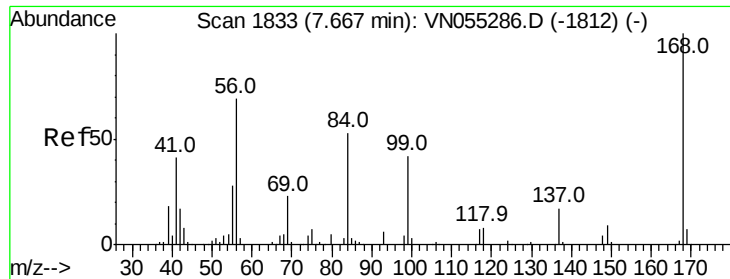
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 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: VN055321.D

Acq: 1 May 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

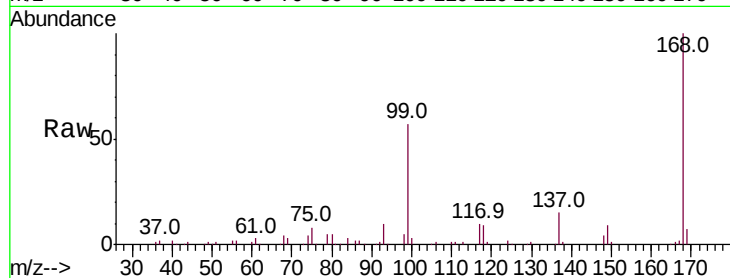
PB119347TB

Tot Ion:168 Resp: 343415

Ion Ratio Lower Upper

168 100

99 57.1 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.67

150000

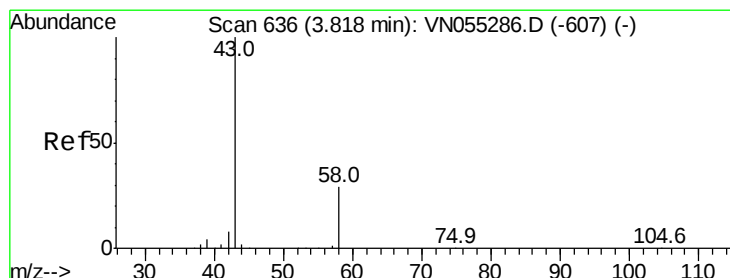
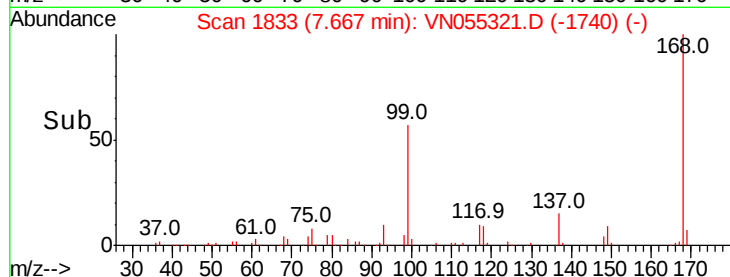
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 5.603 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055321.D

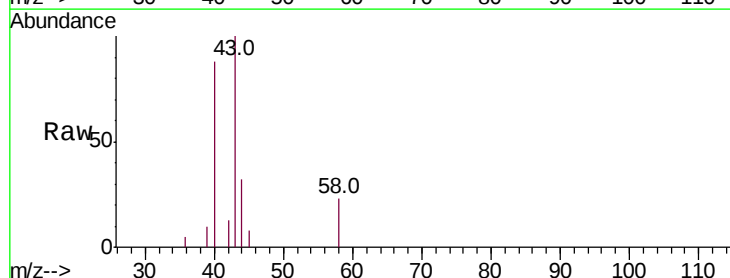
Acq: 1 May 2019 11:46

Tgt Ion: 43 Resp: 7843

Ion Ratio Lower Upper

43 100

58 23.3 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-607) (-)

3.82

3000

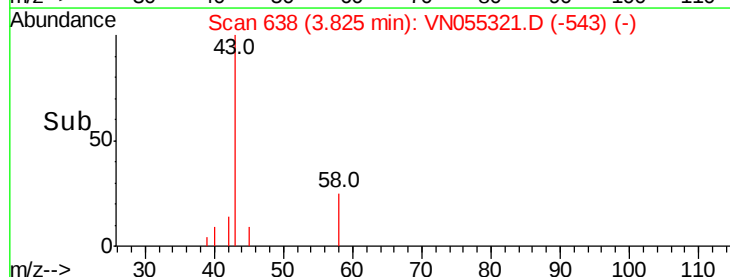
2000

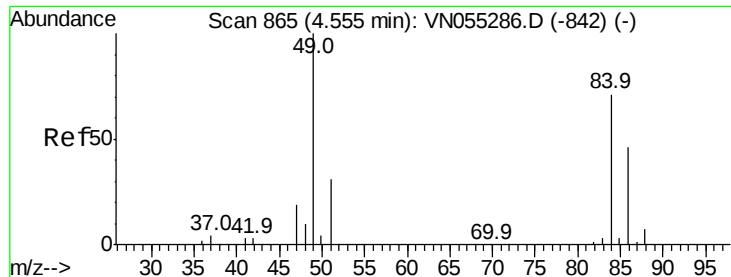
1000

0

3.75 3.80 3.85 3.90

Time-->

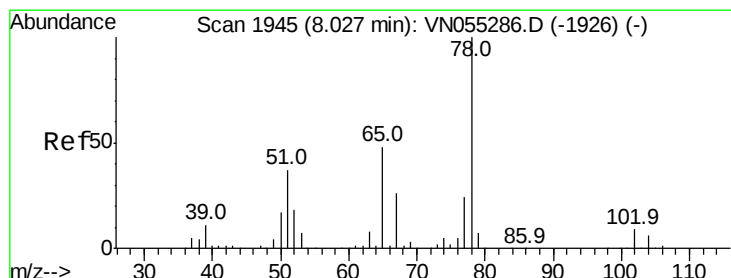
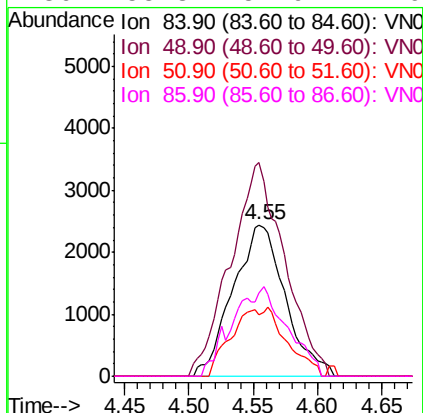
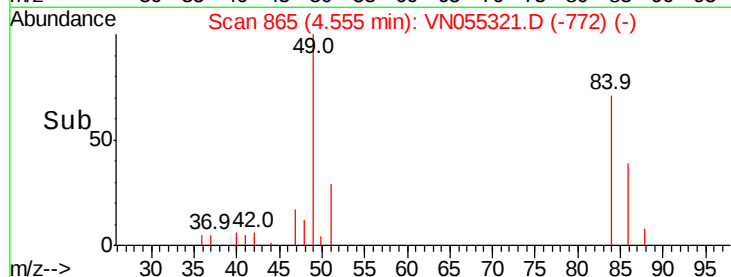
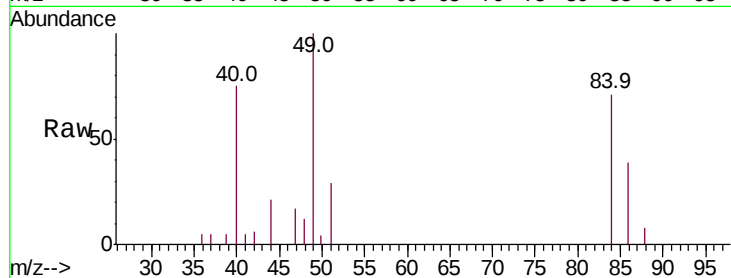




#20
Methvlene Chloride
Concen: 1.615 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055321.D
Acq: 1 May 2019 11:46

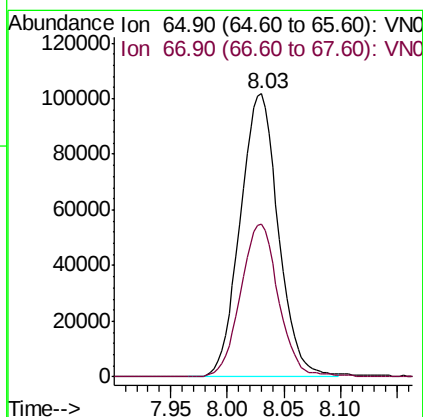
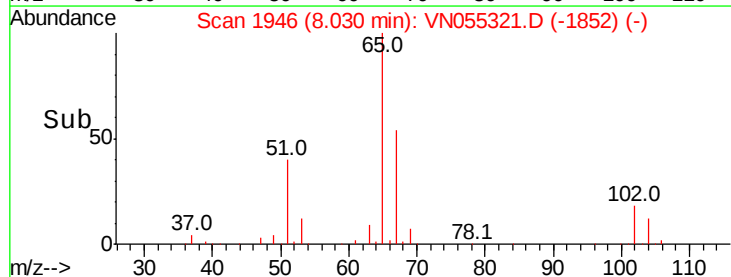
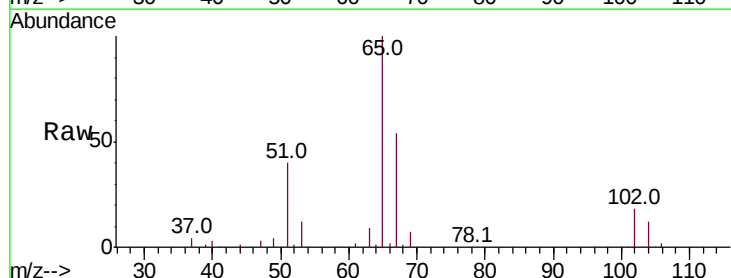
Instrument :
MSVOA_N
ClientSampleId :
PB119347TB

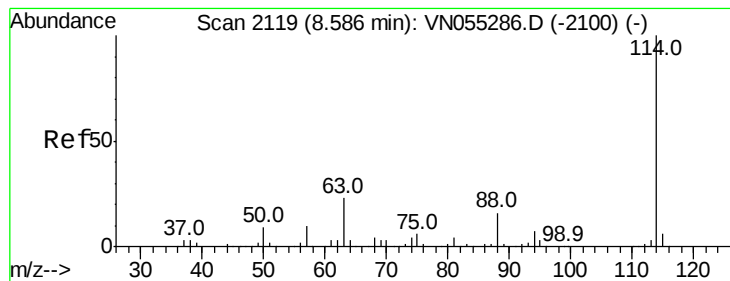
Tot Ion: 84 Resp: 6900
Ion Ratio Lower Upper
84 100
49 141.3 112.4 168.6
51 41.0 34.6 51.8
86 55.3 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 53.237 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN055321.D
Acq: 1 May 2019 11:46

Tgt Ion: 65 Resp: 239177
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055321.D

Acq: 1 May 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

PB119347TB

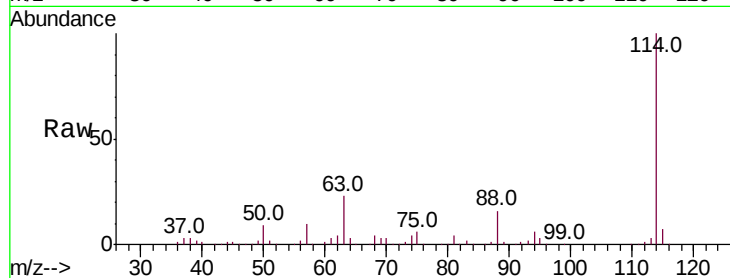
Tot Ion:114 Resp: 591130

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.2

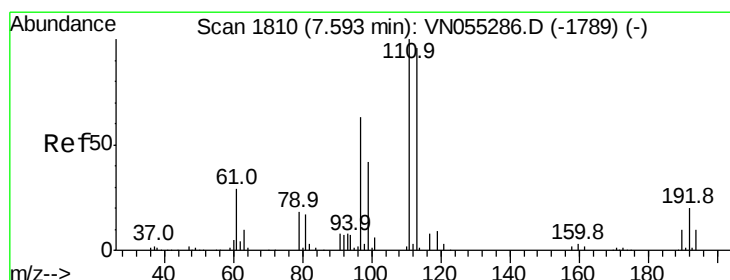
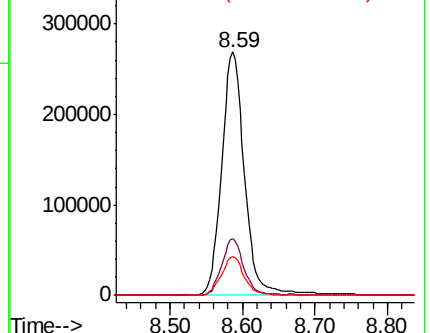
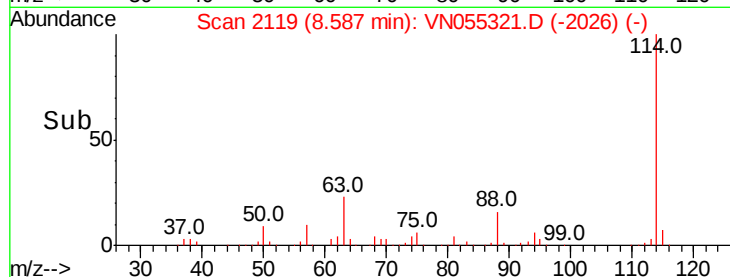
88 16.0 0.0 31.6



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: 49.650 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055321.D

Acq: 1 May 2019 11:46

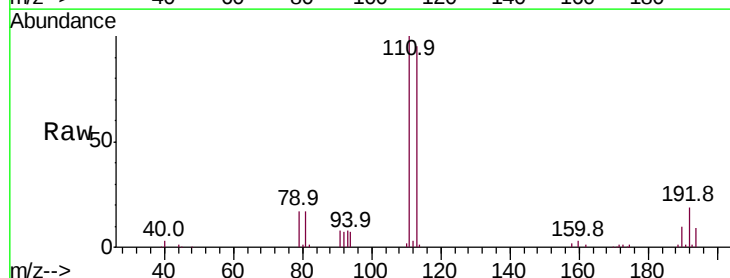
Tgt Ion:113 Resp: 192642

Ion Ratio Lower Upper

113 100

111 104.3 82.3 123.5

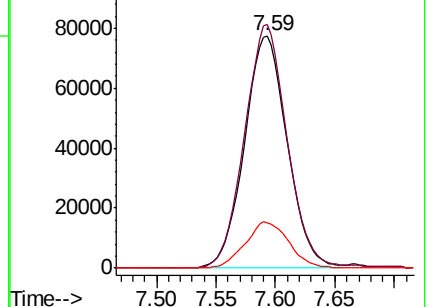
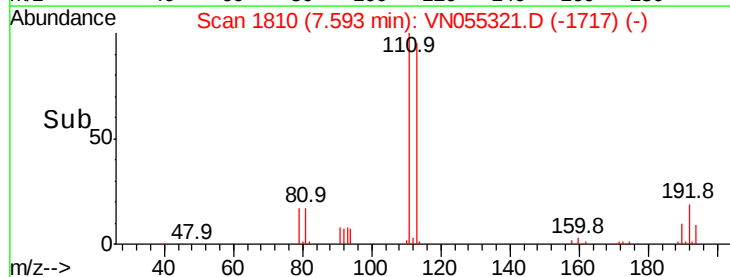
192 20.4 17.0 25.6

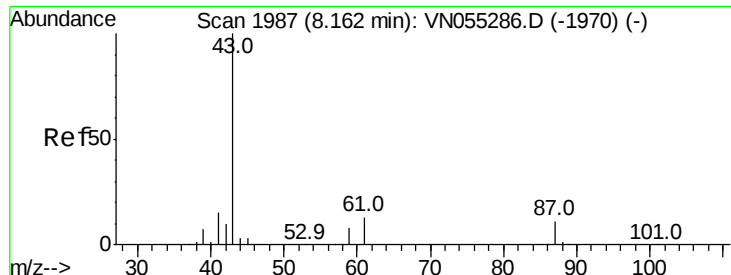


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.462 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN055321.D

Acq: 1 May 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

PB119347TB

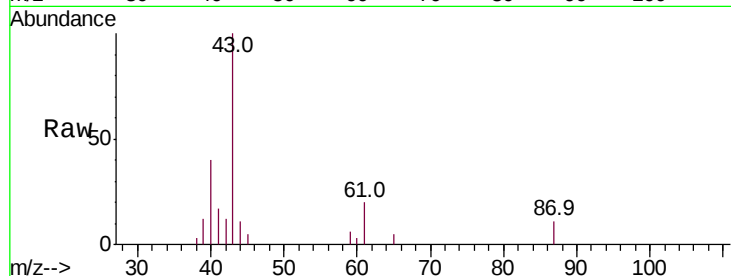
Tot Ion: 43 Resp: 17172

Ion Ratio Lower Upper

43 100

61 18.7 20.8 31.2#

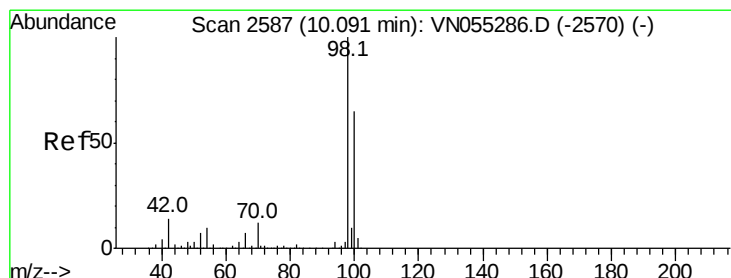
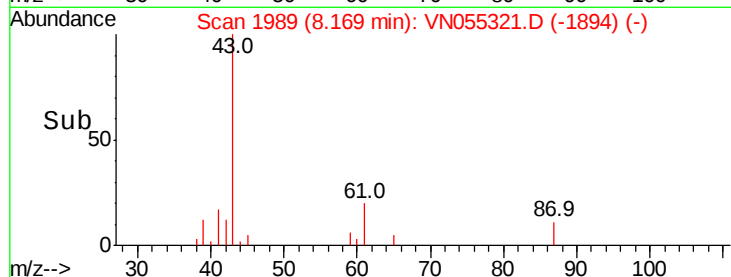
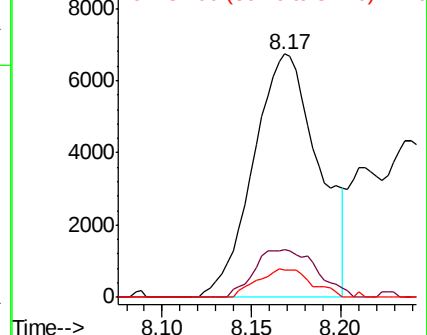
87 9.6 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 52.731 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055321.D

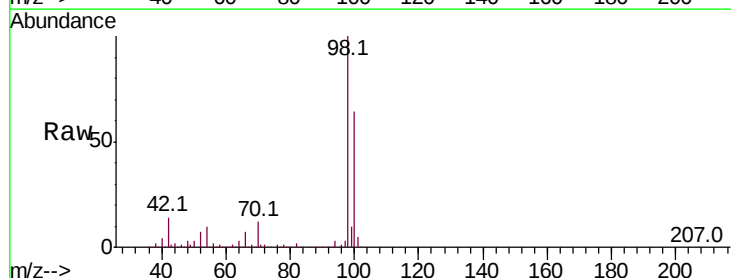
Acq: 1 May 2019 11:46

Tgt Ion: 98 Resp: 738768

Ion Ratio Lower Upper

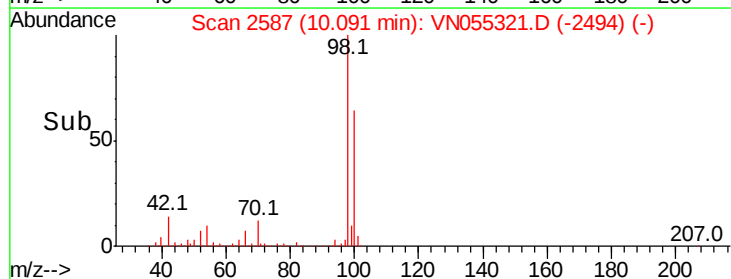
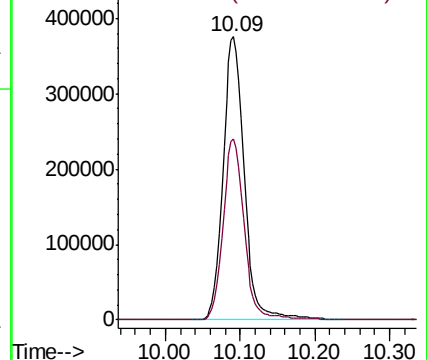
98 100

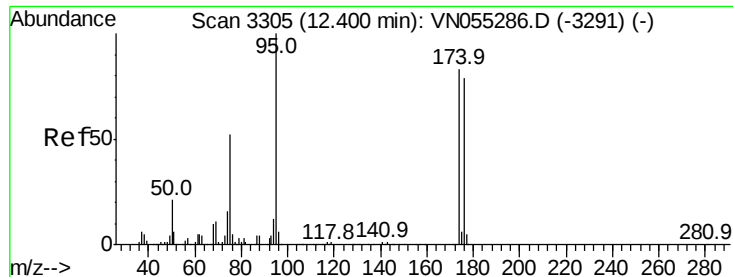
100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

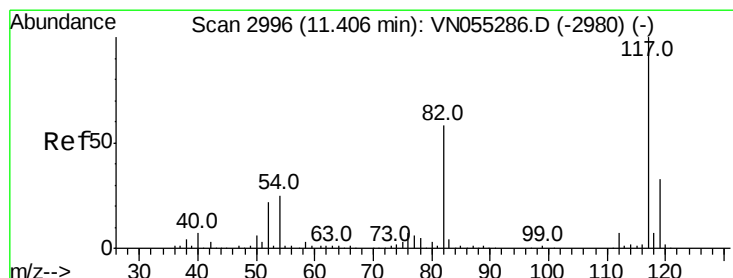
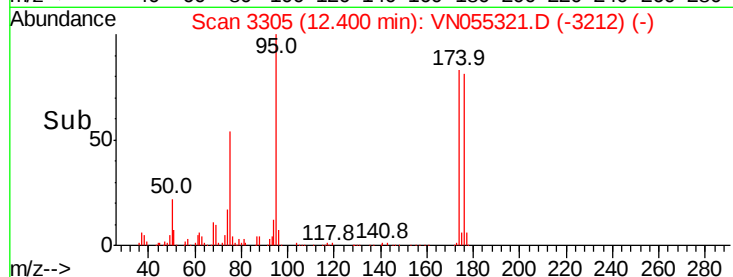
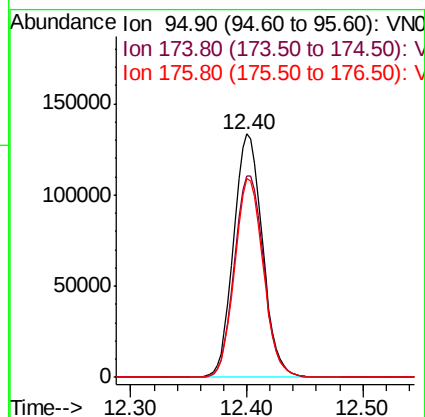
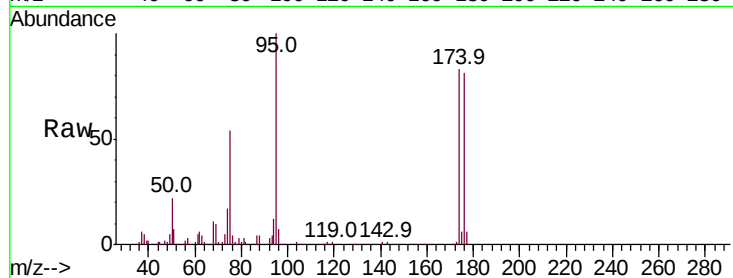




#62
4-Bromofluorobenzene
Concen: 52.323 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055321.D
Acq: 1 May 2019 11:46

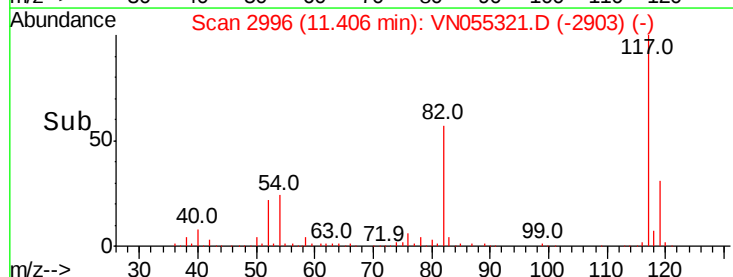
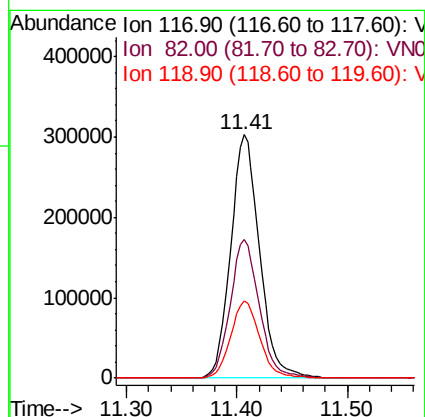
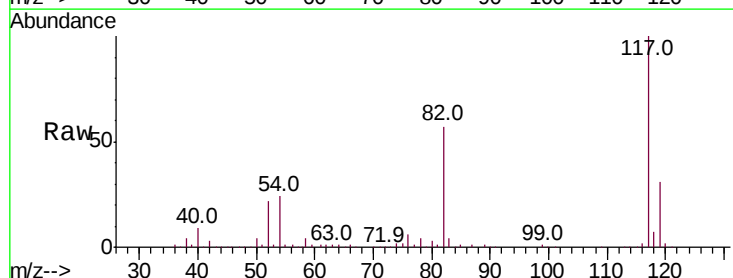
Instrument :
MSVOA_N
ClientSampled :
PB119347TB

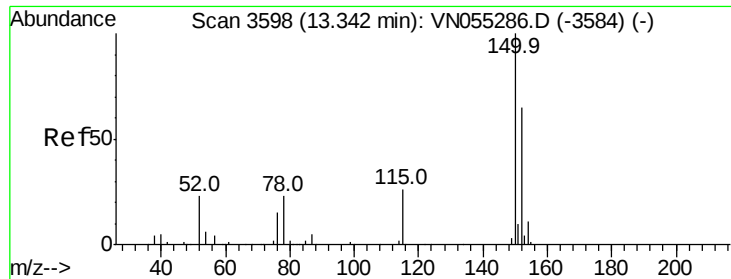
Tot Ion: 95 Resp: 229104
Ion Ratio Lower Upper
95 100
174 84.2 0.0 166.6
176 81.1 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055321.D
Acq: 1 May 2019 11:46

Tgt Ion: 117 Resp: 547809
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 31.5 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055321.D

Acq: 1 May 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

PB119347TB

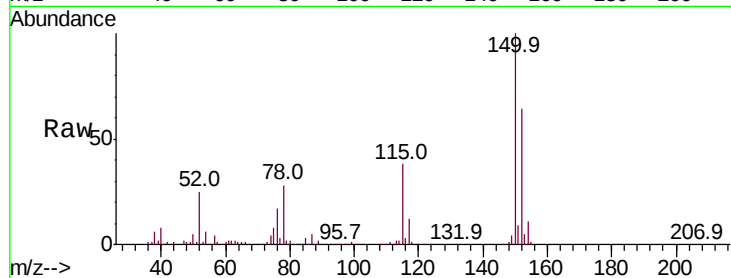
Tot Ion:152 Resp: 156371

Ion Ratio Lower Upper

152 100

115 57.7 29.0 87.0

150 158.0 0.0 345.6



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

