

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050119\
 Data File : VN055325.D
 Acq On : 1 May 2019 13:27
 Operator : JC/SP
 Sample : K2191-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P-66-TP

Quant Time: May 02 08:58:41 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

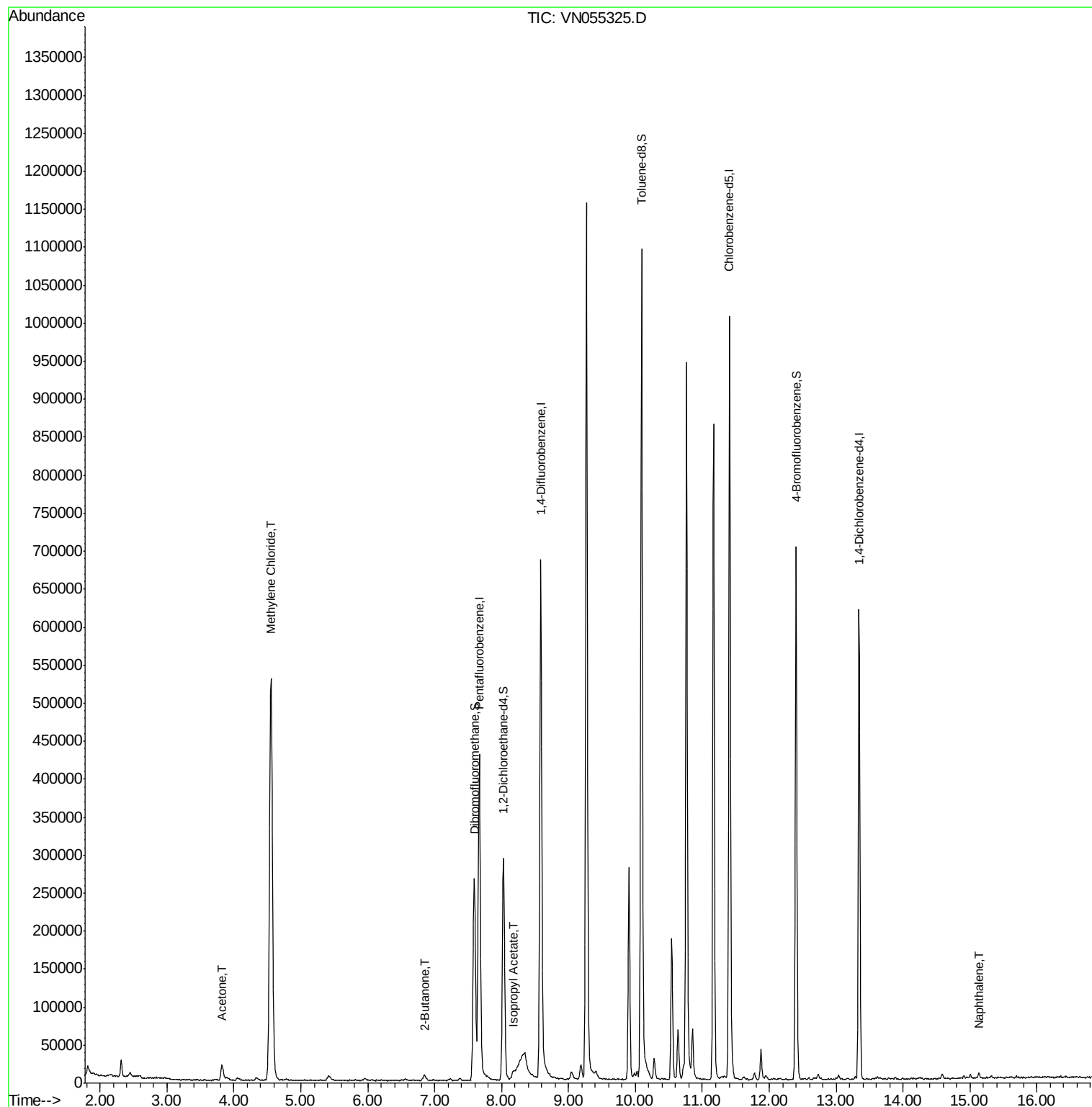
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	364979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	624547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	579663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	164138	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	254495	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
35) Dibromofluoromethane	7.59	113	208934	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
50) Toluene-d8	10.09	98	786180	53.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.22%	
62) 4-Bromofluorobenzene	12.40	95	241795	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
Target Compounds						
16) Acetone	3.82	43	35093	23.588	ug/l	98
20) Methylene Chloride	4.55	84	368779	81.209	ug/l	98
25) 2-Butanone	6.85	43	13963	7.339	ug/l	100
43) Isopropyl Acetate	8.17	43	16975	2.304	ug/l #	83
95) Naphthalene	15.13	128	6023	4.561	ug/l	98

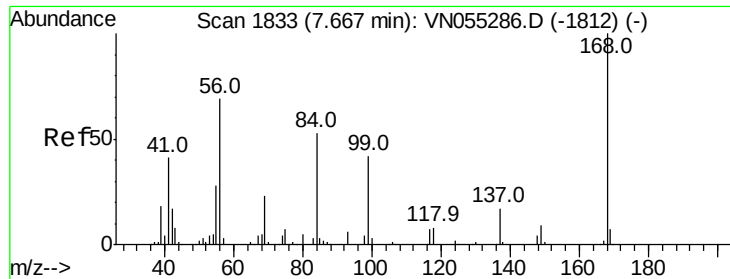
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050119\
Data File : VN055325.D
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Misc : 5.00mL/MSVOA N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
P-66-TP

Quant Time: May 02 08:58:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
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: VN055325.D

Acq: 1 May 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

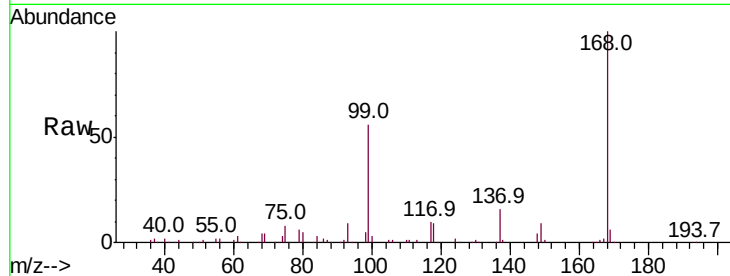
P-66-TP

Tot Ion:168 Resp: 364979

Ion Ratio Lower Upper

168 100

99 55.7 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

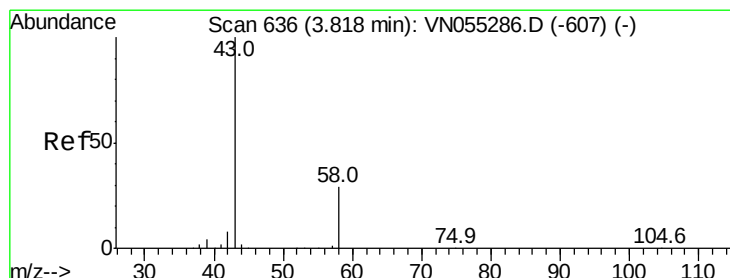
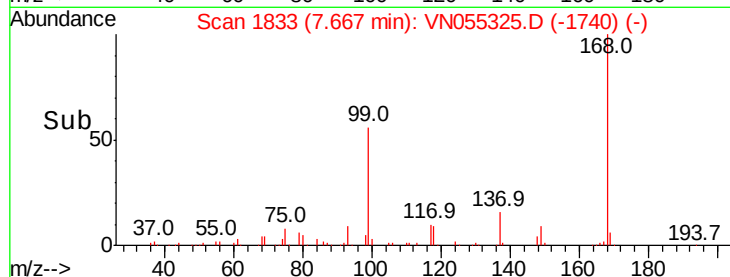
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 23.588 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055325.D

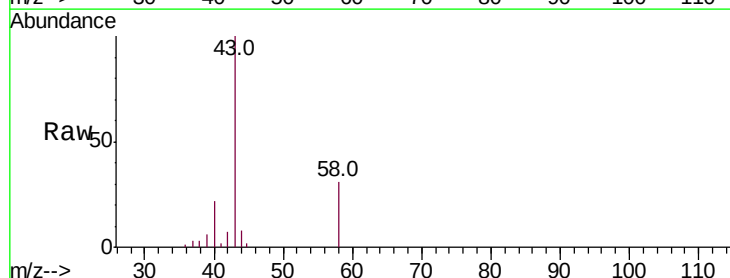
Acq: 1 May 2019 13:27

Tgt Ion: 43 Resp: 35093

Ion Ratio Lower Upper

43 100

58 30.7 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

15000

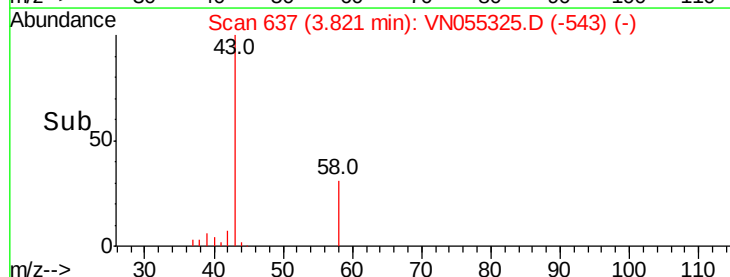
10000

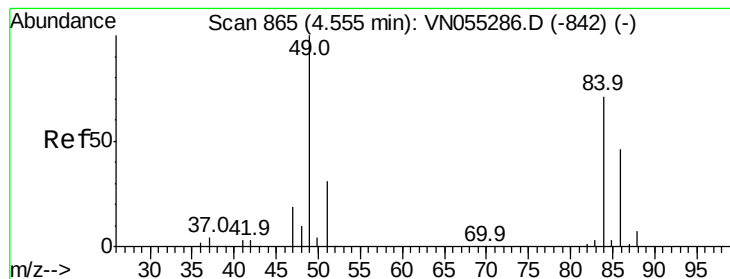
5000

0

3.75 3.80 3.85 3.90

Time-->





#20

Methvlene Chloride

Concen: 81.209 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN055325.D

Acq: 1 May 2019 13:27

Instrument :

MSVOA_N

ClientSampled :

P-66-TP

Tot Ion: 84 Resp: 368779

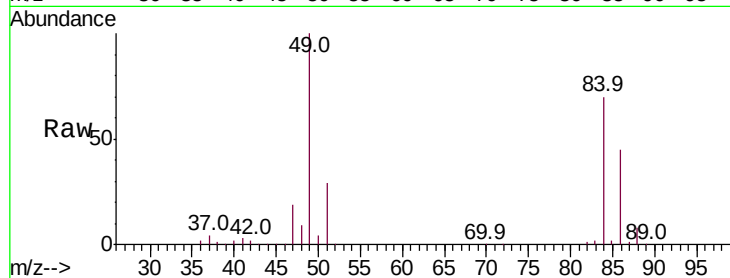
Ion Ratio Lower Upper

84 100

49 143.1 112.4 168.6

51 41.9 34.6 51.8

86 64.9 51.9 77.9

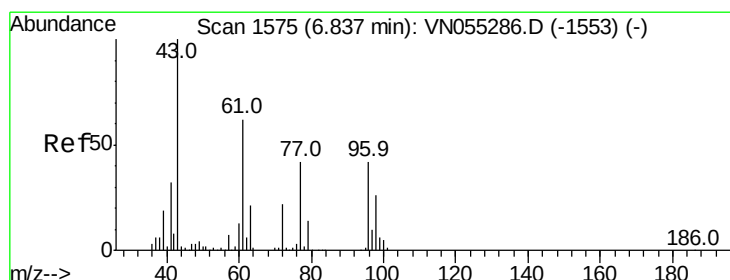
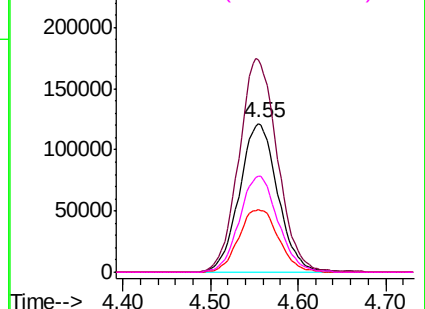
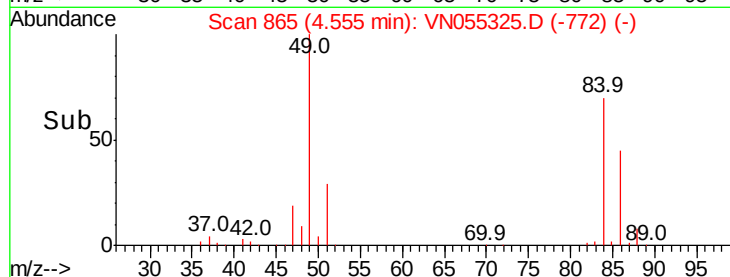


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 7.339 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN055325.D

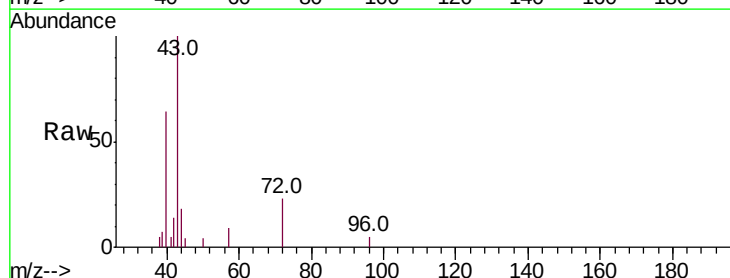
Acq: 1 May 2019 13:27

Tgt Ion: 43 Resp: 13963

Ion Ratio Lower Upper

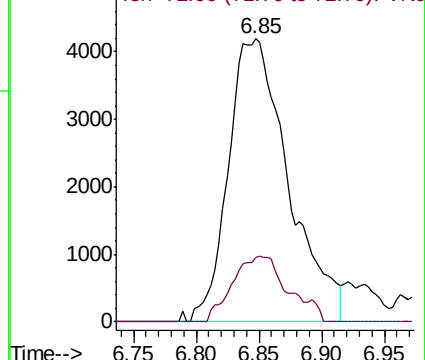
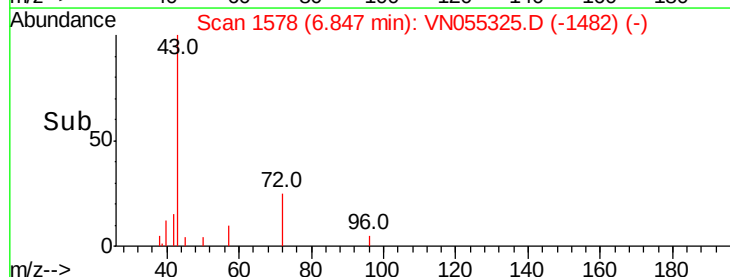
43 100

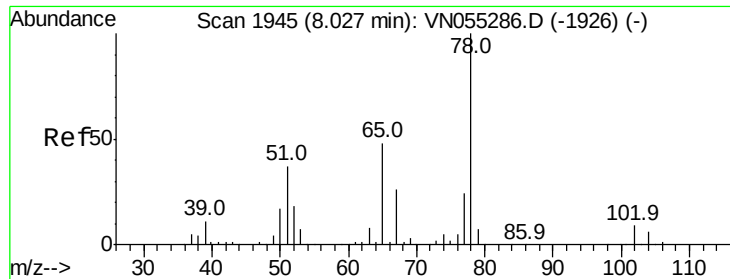
72 22.6 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

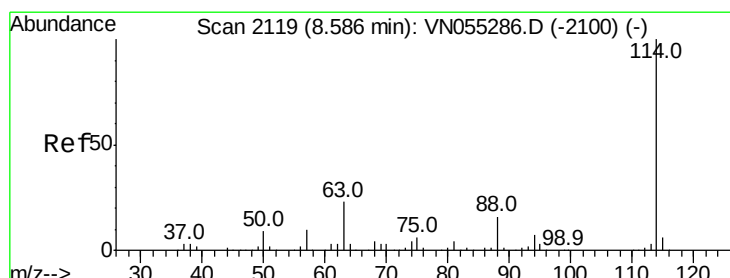
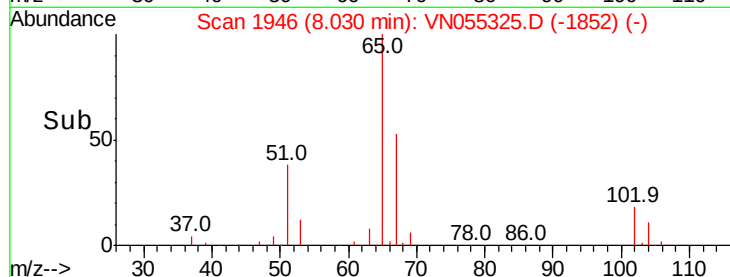
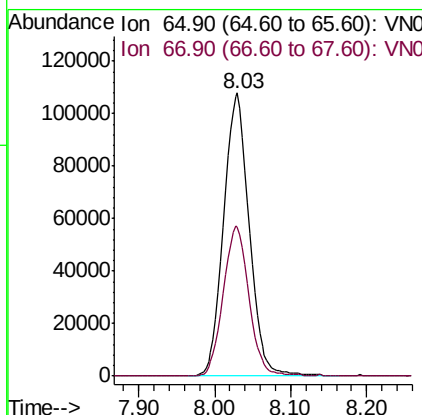
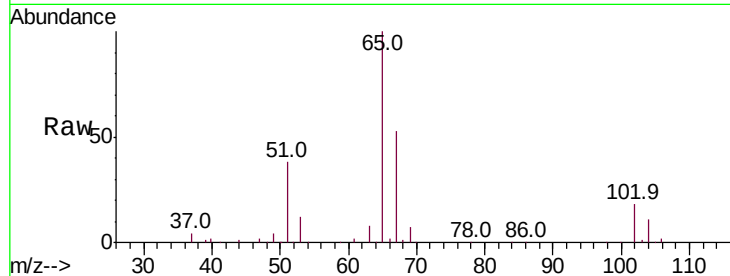




#33
 1,2-Dichloroethane-d4
 Concen: 53.300 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN055325.D
 Acq: 1 May 2019 13:27

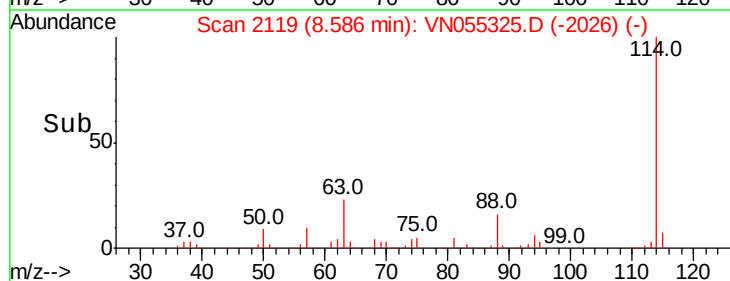
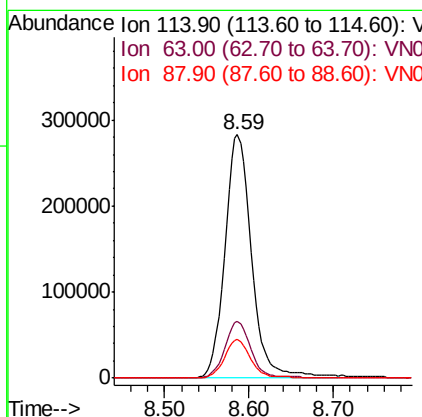
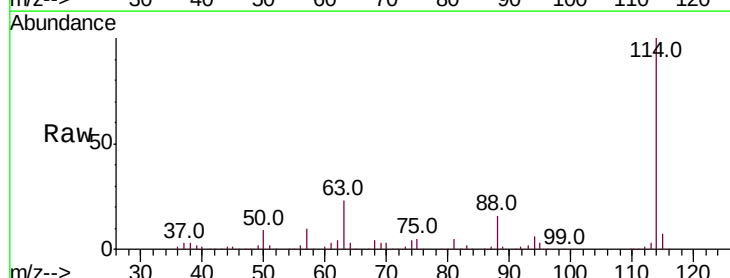
Instrument :
 MSVOA_N
 ClientSampled :
 P-66-TP

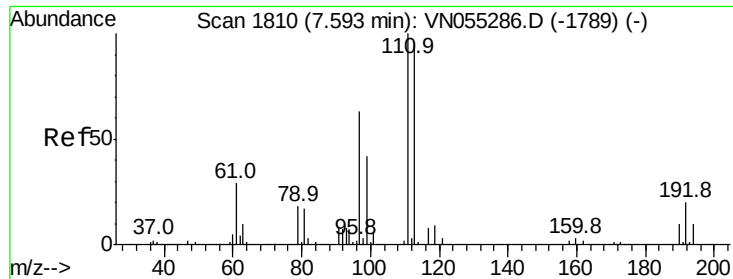
Tot Ion: 65 Resp: 254495
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055325.D
 Acq: 1 May 2019 13:27

Tgt Ion:114 Resp: 624547
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.2
 88 15.8 0.0 31.6

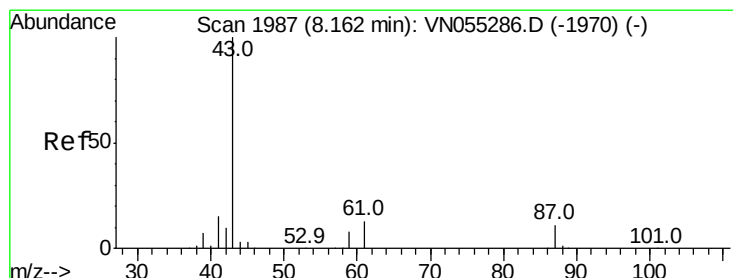
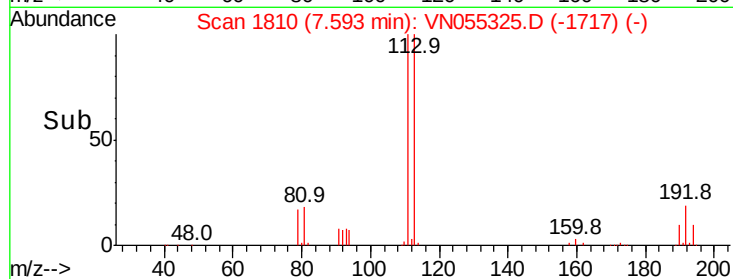
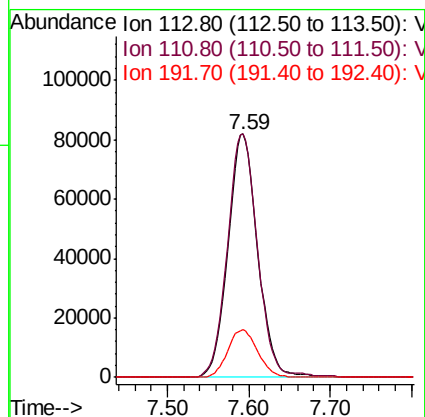
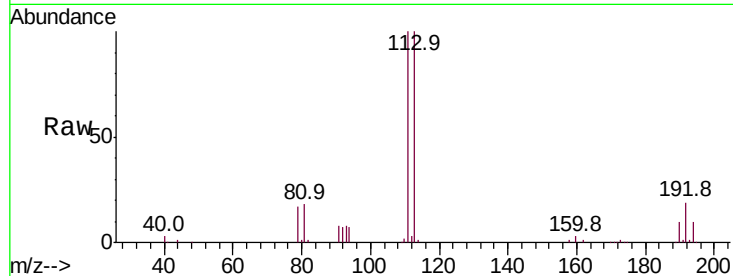




#35
 Dibromofluoromethane
 Concen: 50.968 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055325.D
 Acq: 1 May 2019 13:27

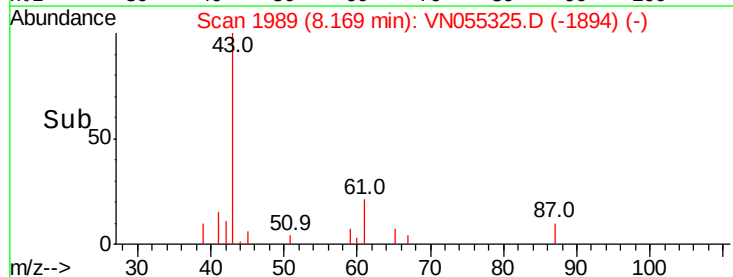
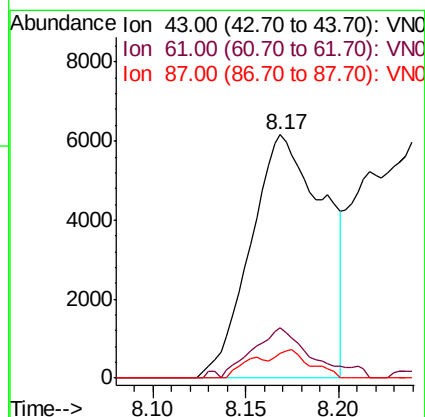
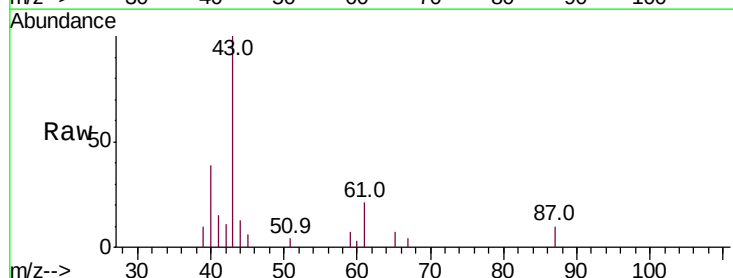
Instrument :
 MSVOA_N
 ClientSampleId :
 P-66-TP

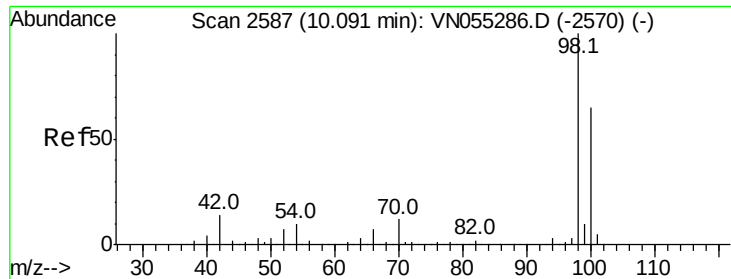
Tot Ion:113 Resp: 208934
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.3 123.5
 192 19.9 17.0 25.6



#43
 Isopropyl Acetate
 Concen: 2.304 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN055325.D
 Acq: 1 May 2019 13:27

Tgt Ion: 43 Resp: 16975
 Ion Ratio Lower Upper
 43 100
 61 16.5 20.8 31.2#
 87 5.5 8.5 12.7#





#50

Toluene-d8

Concen: 53.112 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055325.D

Acq: 1 May 2019 13:27

Instrument :

MSVOA_N

ClientSampled :

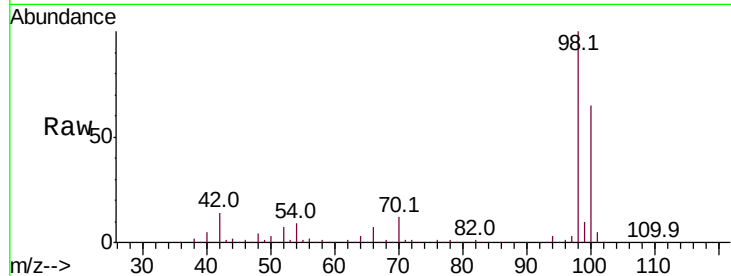
P-66-TP

Tot Ion: 98 Resp: 786180

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055286.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055286.D (-2570) (-)

10.09

400000

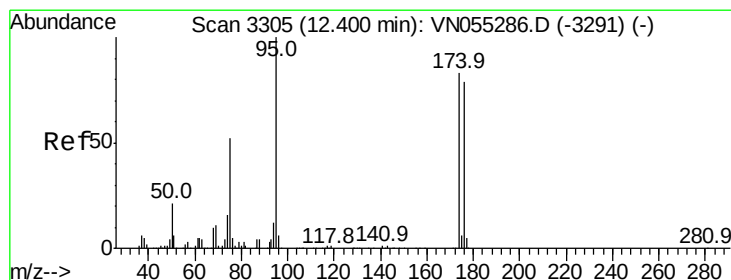
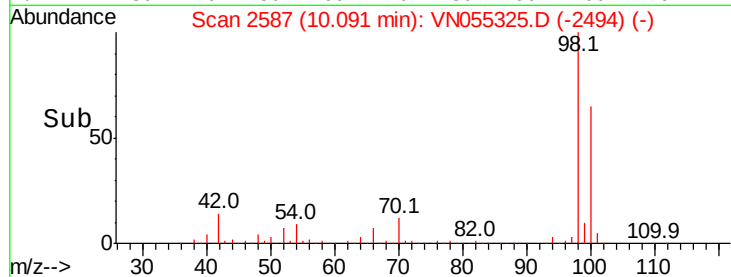
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.266 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055325.D

Acq: 1 May 2019 13:27

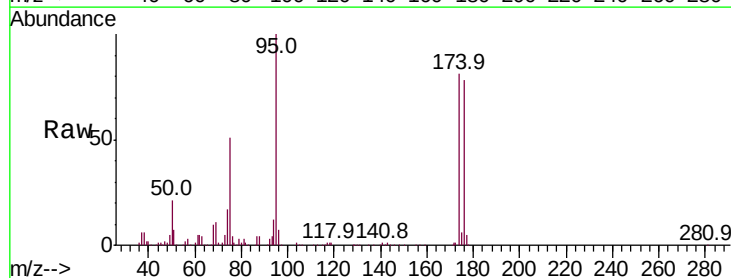
Tgt Ion: 95 Resp: 241795

Ion Ratio Lower Upper

95 100

174 83.1 0.0 166.6

176 80.0 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055286.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055286.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055286.D (-3291) (-)

12.40

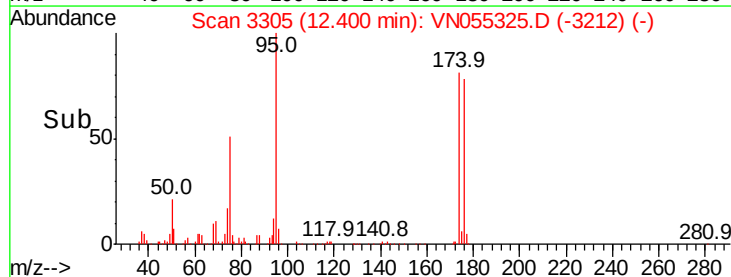
150000

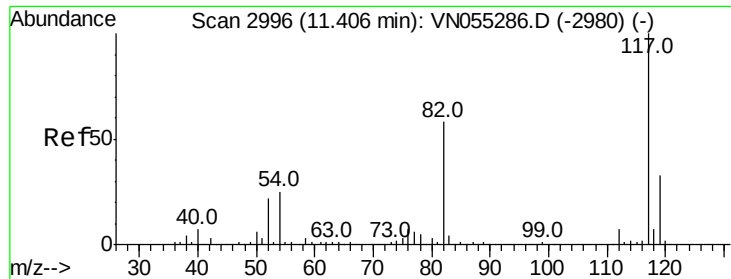
100000

50000

0

Time-->

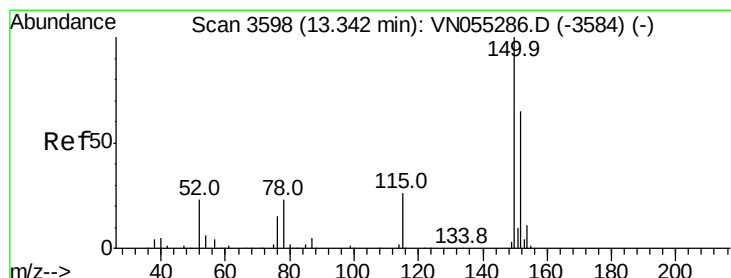
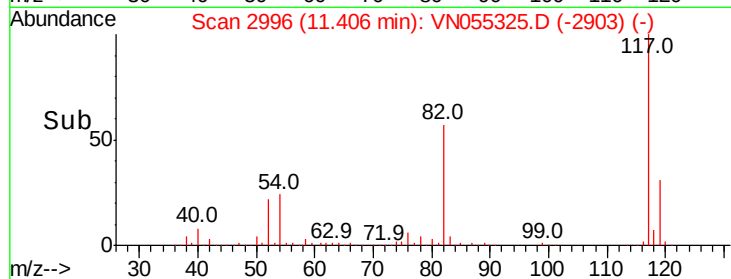
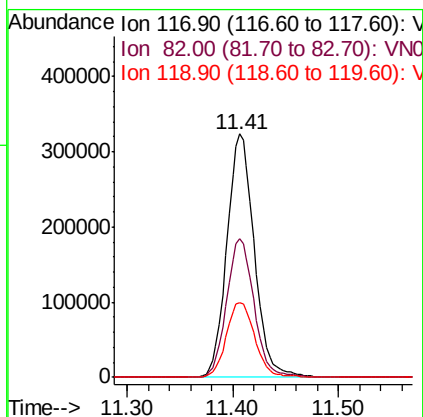
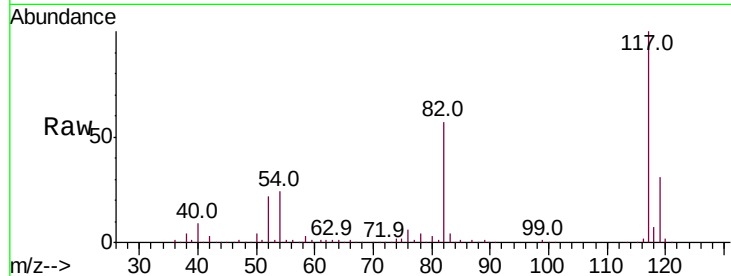




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055325.D
Acq: 1 May 2019 13:27

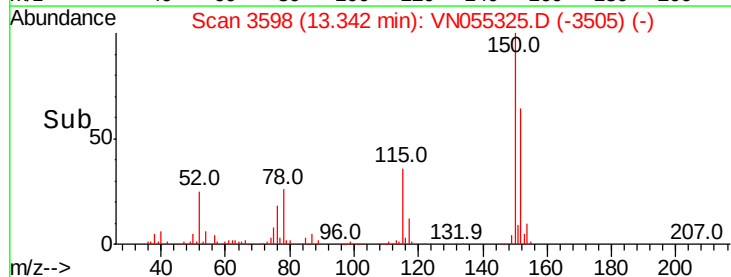
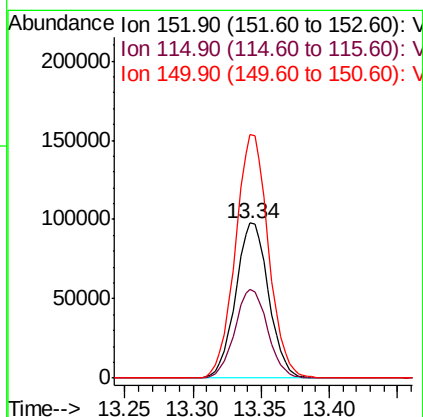
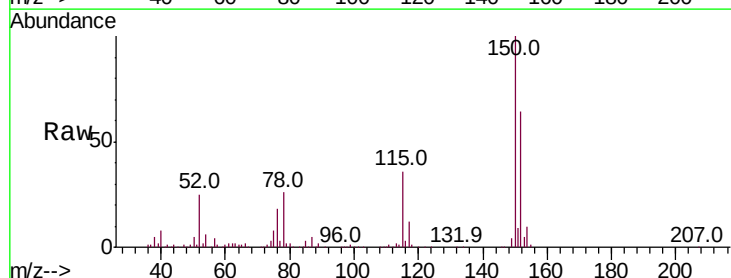
Instrument :
MSVOA_N
ClientSampleId :
P-66-TP

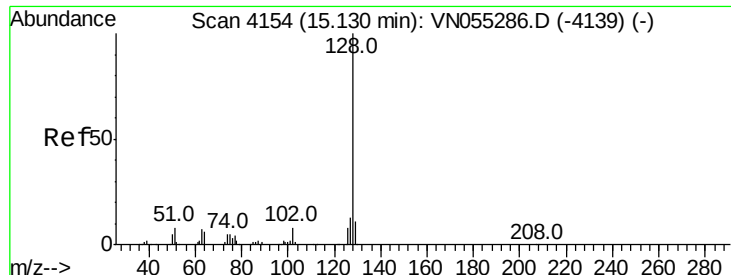
Tot Ion:117 Resp: 579663
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 30.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055325.D
Acq: 1 May 2019 13:27

Tgt Ion:152 Resp: 164138
Ion Ratio Lower Upper
152 100
115 56.9 29.0 87.0
150 157.4 0.0 345.6





#95

Naphthalene

Concen: 4.561 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055325.D

Acq: 1 May 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

P-66-TP

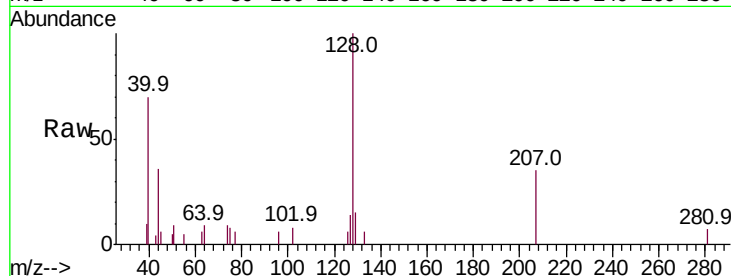
Tot Ion:128 Resp: 6023

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 11.8 8.6 13.0



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

