

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051258.D
 Acq On : 16 Sep 2018 6:38
 Operator : MD\SY
 Sample : J4936-26
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PHASE-1

Quant Time: Sep 17 05:52:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	410567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	630989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	503392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	139256	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	221557	48.49	ug/l	0.00
Spiked Amount						
			Recovery	=	96.98%	
35) Dibromofluoromethane	7.59	113	236480	49.88	ug/l	0.00
Spiked Amount						
			Recovery	=	99.76%	
50) Toluene-d8	10.09	98	814848	45.29	ug/l	0.00
Spiked Amount						
			Recovery	=	90.58%	
62) 4-Bromofluorobenzene	12.40	95	200945	33.76	ug/l	0.00
Spiked Amount						
			Recovery	=	67.52%	

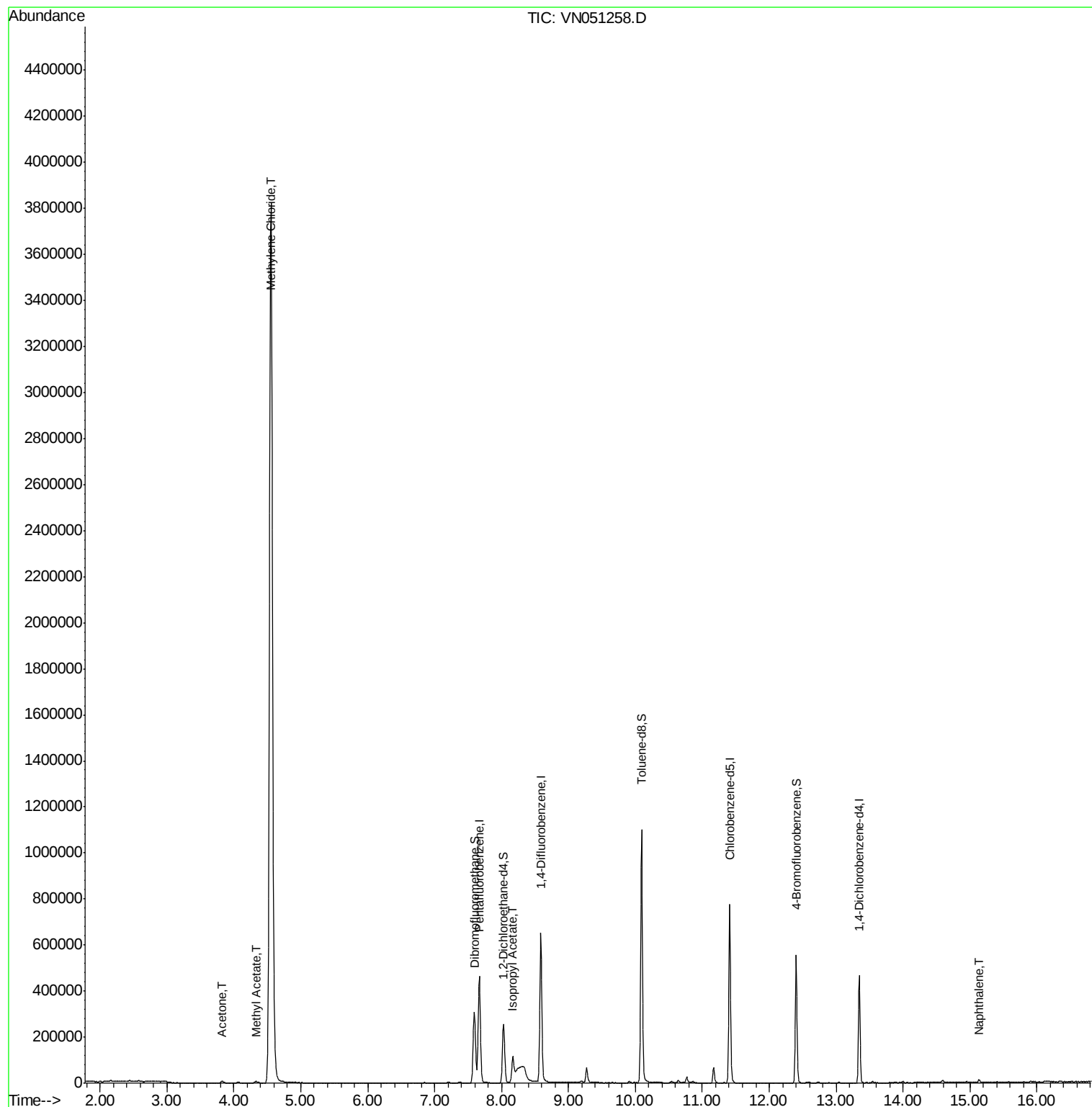
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	12678	5.51	ug/l	99
18) Methyl Acetate	4.33	43	11766	3.22	ug/l #	67
20) Methylene Chloride	4.55	84	3158429	625.80	ug/l	99
43) Isopropyl Acetate	8.17	43	152489	21.54	ug/l #	80
95) Naphthalene	15.13	128	8717	6.83	ug/l	97

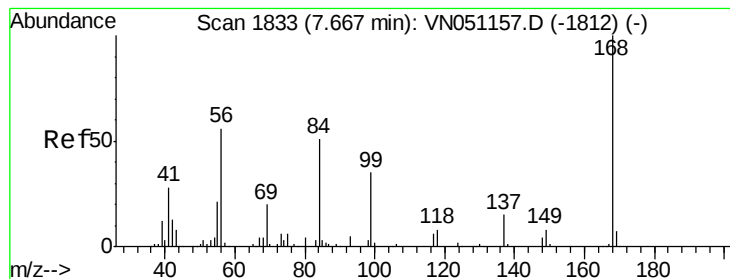
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051258.D

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Instrument :

MSVOA_N

ClientSampleId :

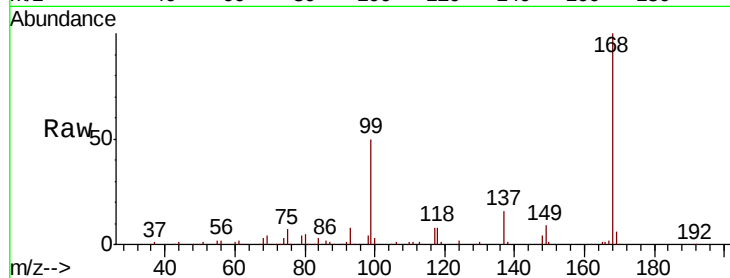
PHASE-1

Tot Ion:168 Resp: 410567

Ion Ratio Lower Upper

168 100

99 50.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051157.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051157.D (-1812) (-)

7.67

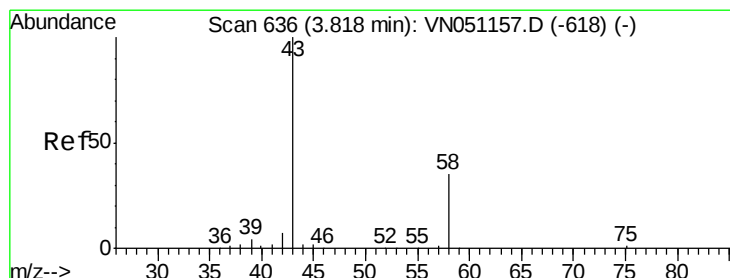
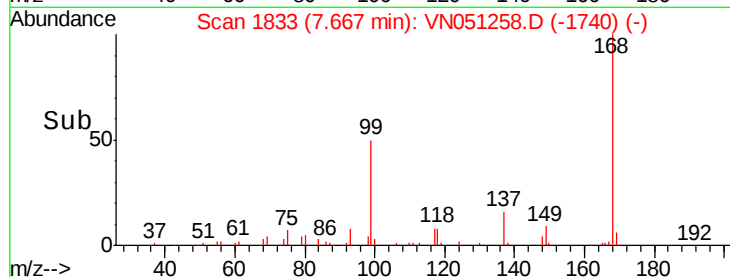
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.51 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051258.D

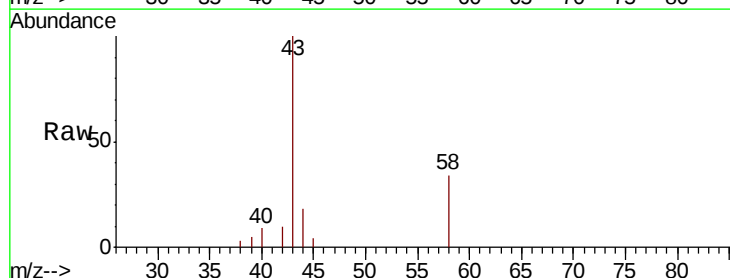
Acq: 16 Sep 2018 6:38

Tgt Ion: 43 Resp: 12678

Ion Ratio Lower Upper

43 100

58 34.0 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN051157.D (-618) (-)

3.82

5000

4000

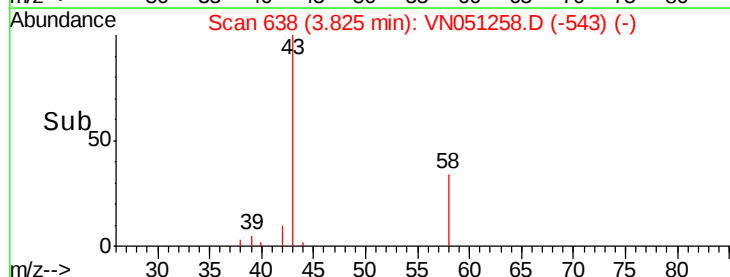
3000

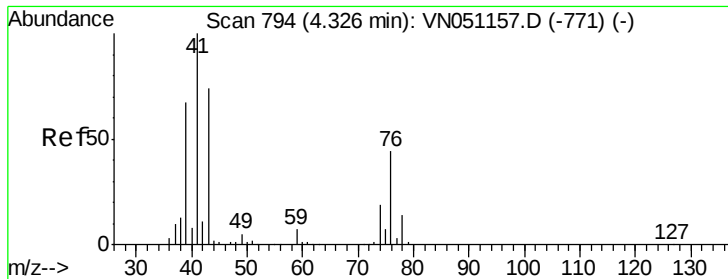
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1000

0

Time-->

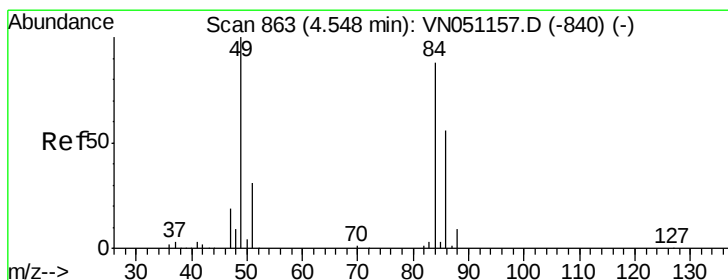
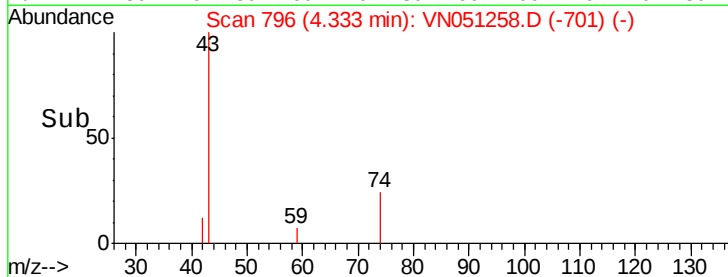
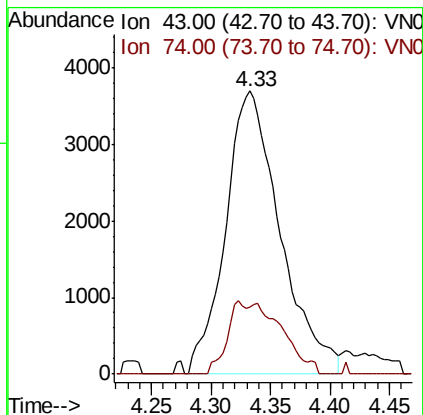
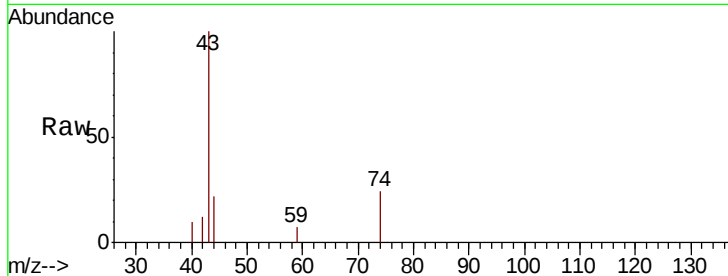




#18
Methyl Acetate
Concen: 3.22 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051258.D
Acq: 16 Sep 2018 6:38

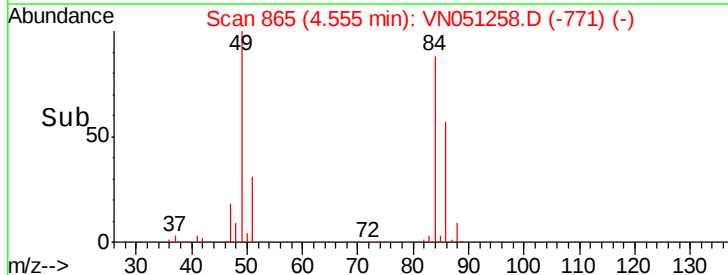
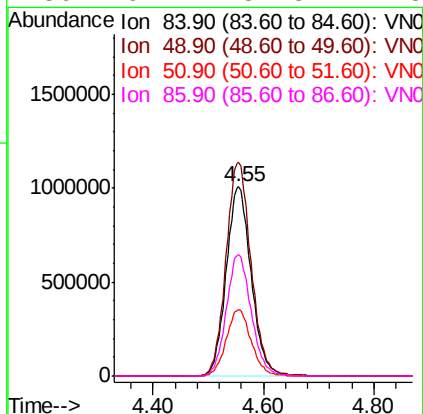
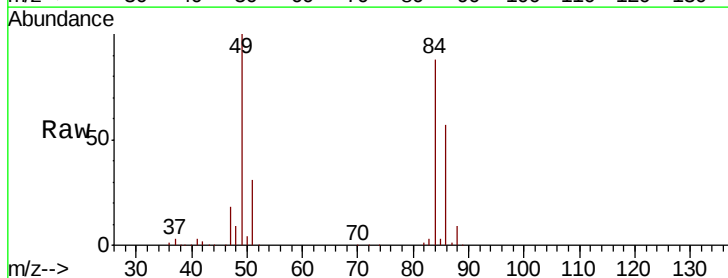
Instrument :
MSVOA_N
ClientSampleId :
PHASE-1

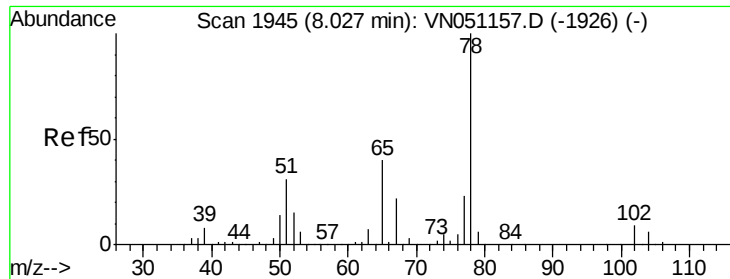
Tot Ion: 43 Resp: 11766
Ion Ratio Lower Upper
43 100
74 9.1 20.7 31.1#



#20
Methylene Chloride
Concen: 625.80 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051258.D
Acq: 16 Sep 2018 6:38

Tgt Ion: 84 Resp: 3158429
Ion Ratio Lower Upper
84 100
49 113.1 90.2 135.2
51 35.2 28.4 42.6
86 64.1 51.8 77.8

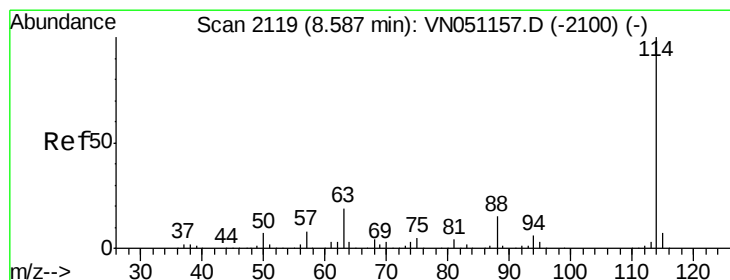
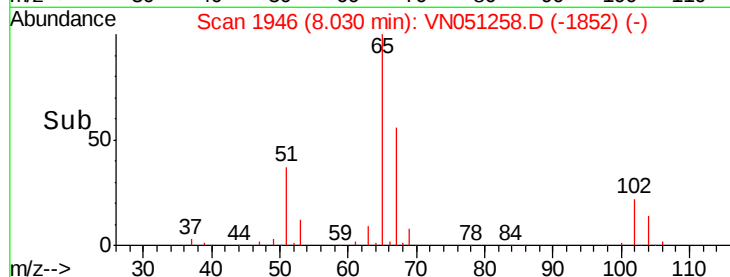
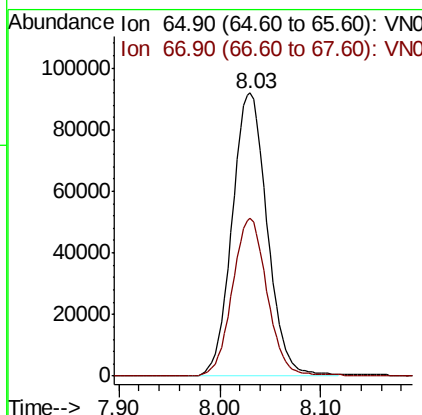
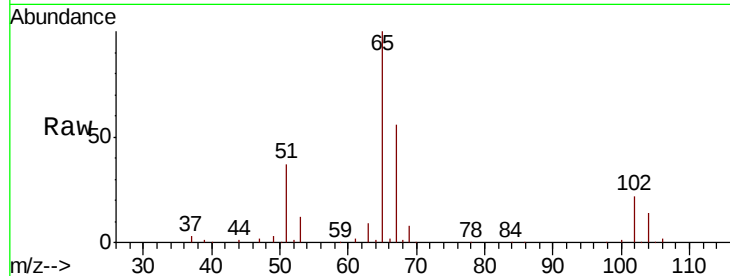




#33
 1,2-Dichloroethane-d4
 Concen: 48.49 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051258.D
 Acq: 16 Sep 2018 6:38

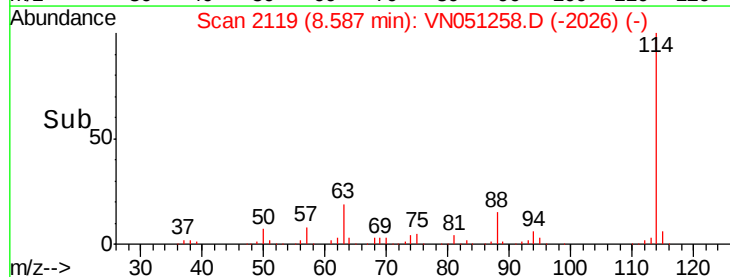
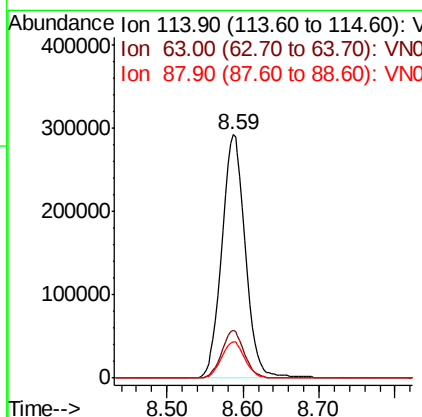
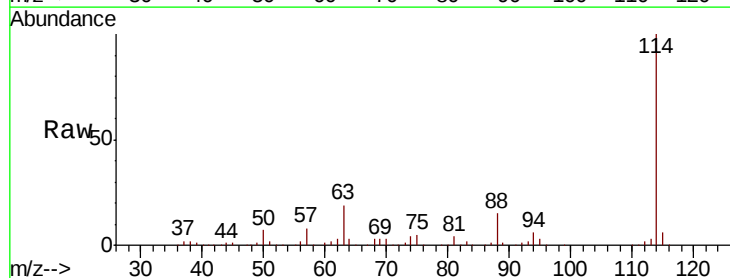
Instrument :
 MSVOA_N
 ClientSampled :
 PHASE-1

Tot Ion: 65 Resp: 221557
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051258.D
 Acq: 16 Sep 2018 6:38

Tgt Ion: 114 Resp: 630989
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.8
 88 15.1 0.0 30.8

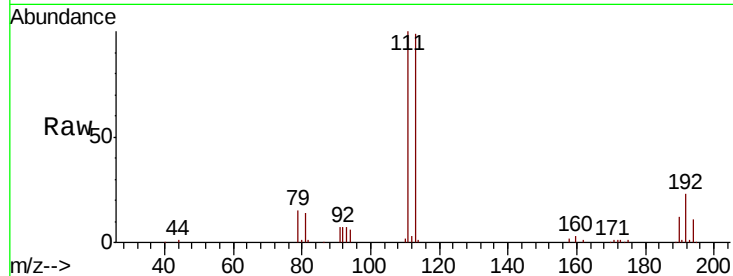




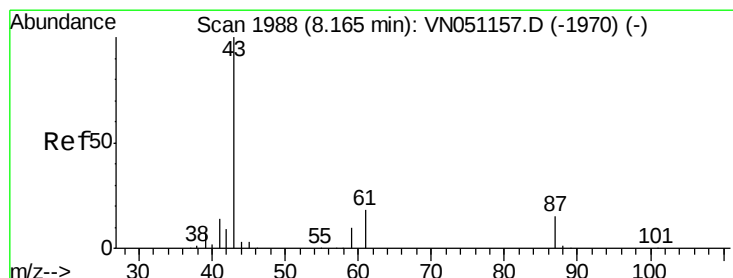
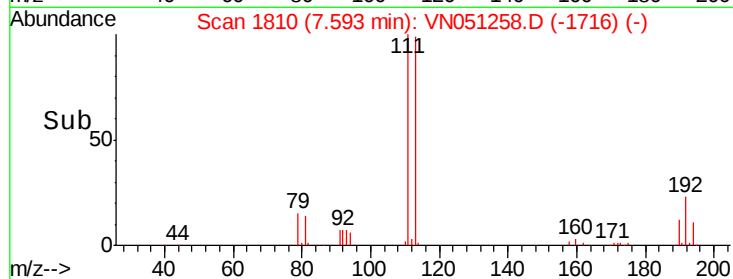
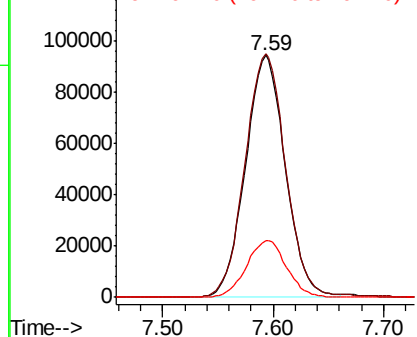
#35
 Dibromofluoromethane
 Concen: 49.88 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051258.D
 Acq: 16 Sep 2018 6:38

Instrument :
 MSVOA_N
 ClientSampled :
 PHASE-1

Tot Ion:113 Resp: 236480
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.0 124.6
 192 23.6 18.7 28.1

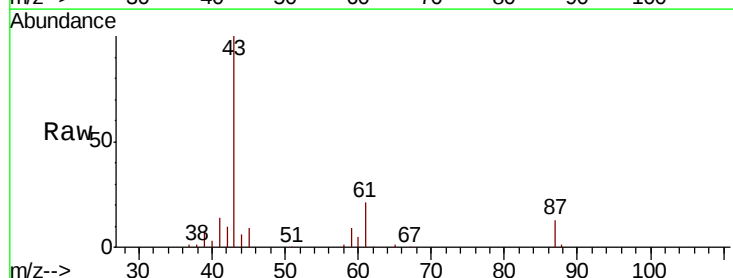


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

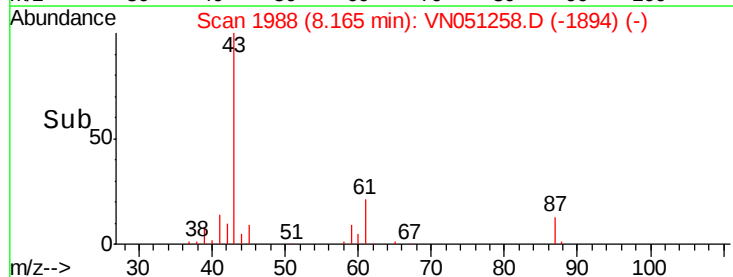
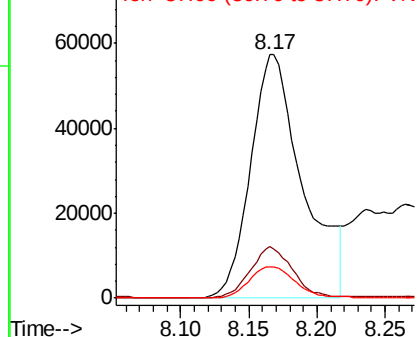


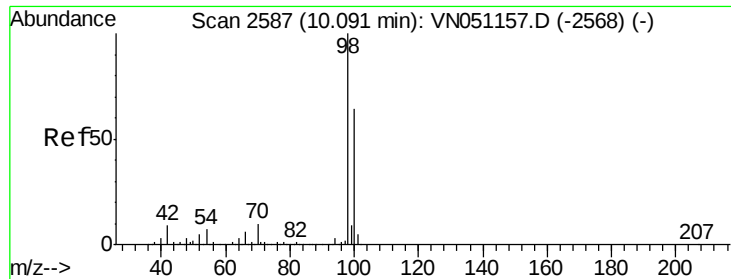
#43
 Isopropyl Acetate
 Concen: 21.54 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN051258.D
 Acq: 16 Sep 2018 6:38

Tgt Ion: 43 Resp: 152489
 Ion Ratio Lower Upper
 43 100
 61 17.1 25.0 37.6#
 87 11.5 11.8 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 45.29 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051258.D

Acq: 16 Sep 2018 6:38

Instrument :

MSVOA_N

ClientSampleId :

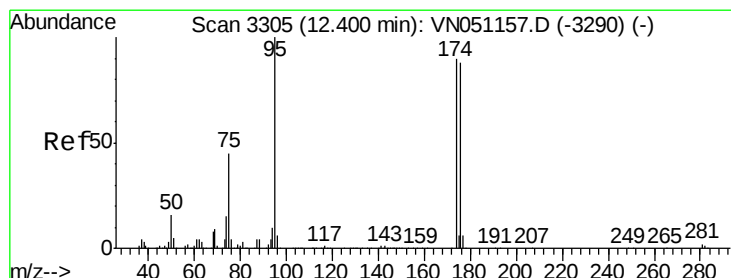
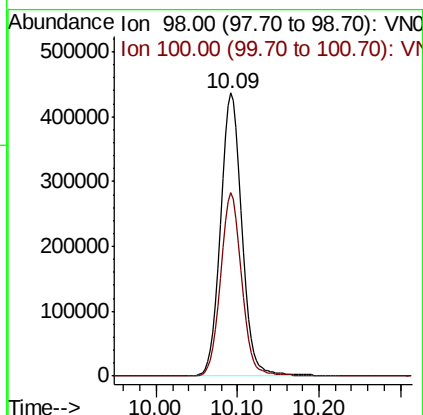
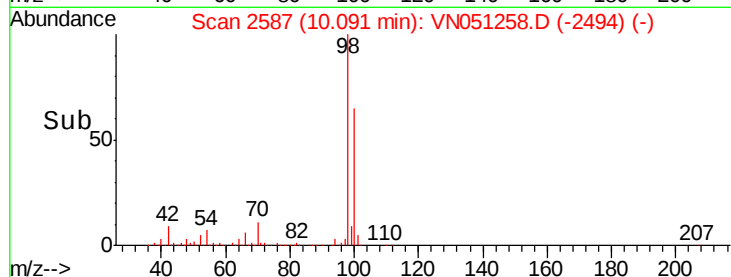
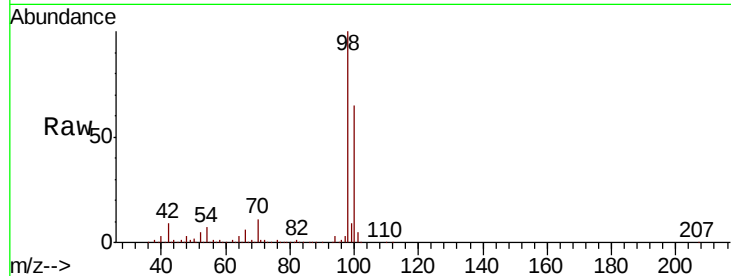
PHASE-1

Tot Ion: 98 Resp: 814848

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 33.76 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051258.D

Acq: 16 Sep 2018 6:38

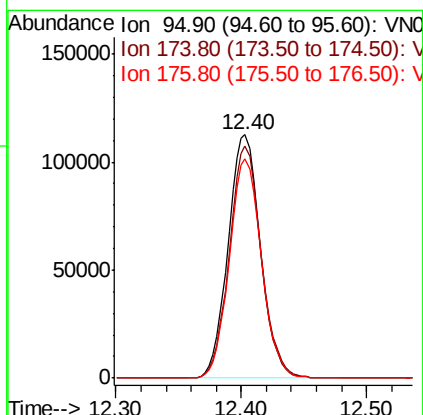
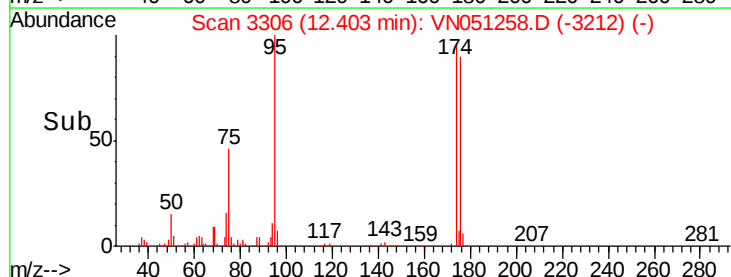
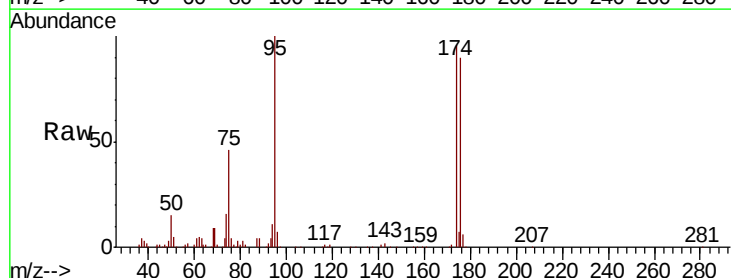
Tgt Ion: 95 Resp: 200945

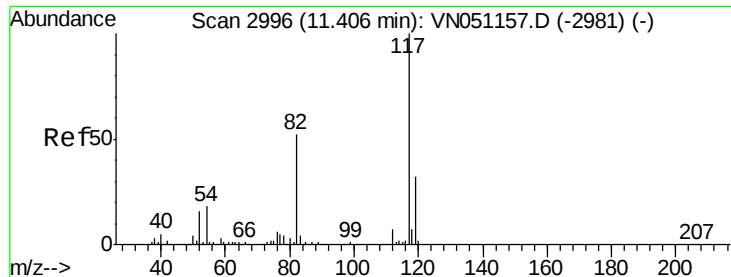
Ion Ratio Lower Upper

95 100

174 94.0 0.0 184.8

176 89.7 0.0 178.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051258.D

Acq: 16 Sep 2018 6:38

Instrument :

MSVOA_N

ClientSampleId :

PHASE-1

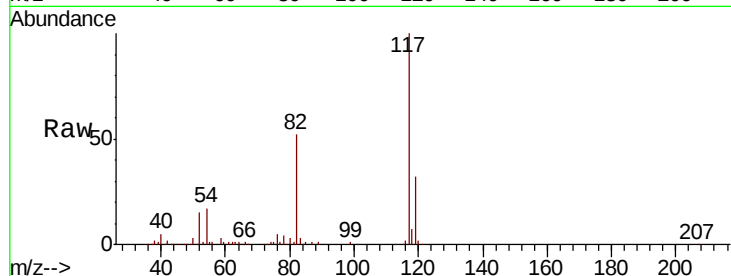
Tot Ion:117 Resp: 503392

Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.6

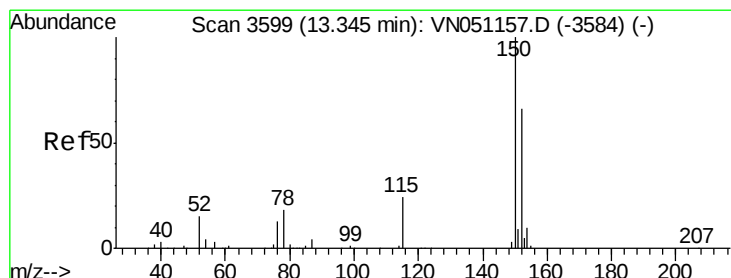
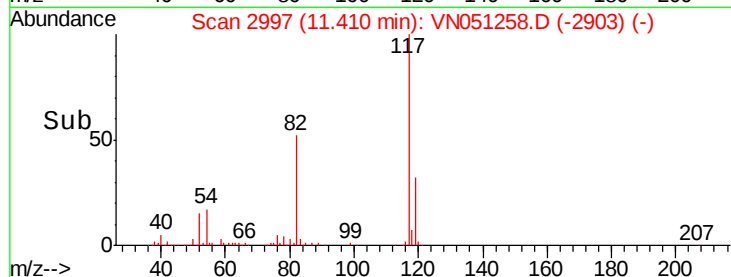
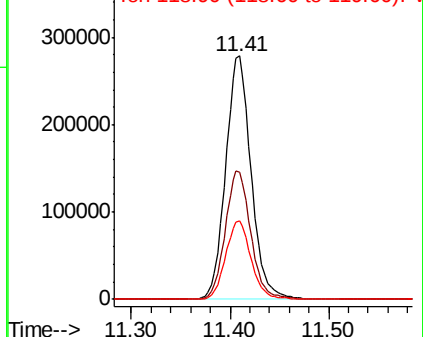
119 32.1 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051258.D

Acq: 16 Sep 2018 6:38

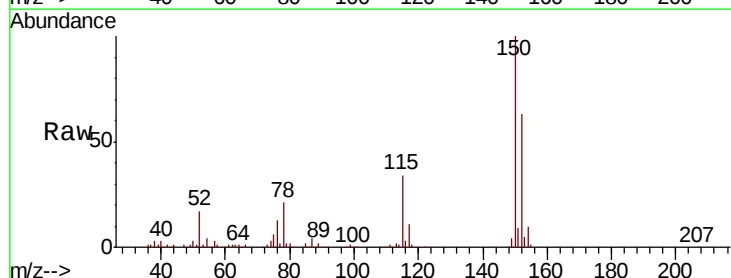
Tgt Ion:152 Resp: 139256

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

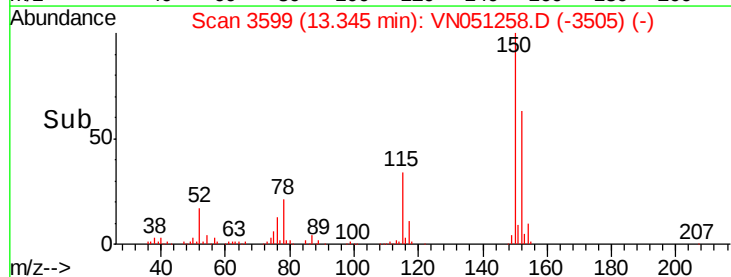
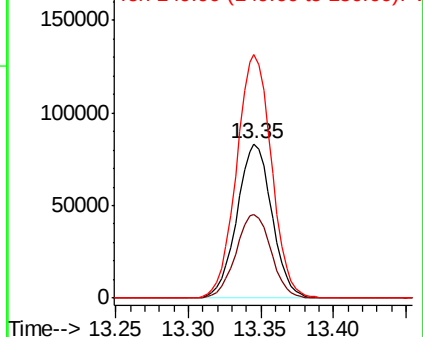
150 157.7 0.0 349.0

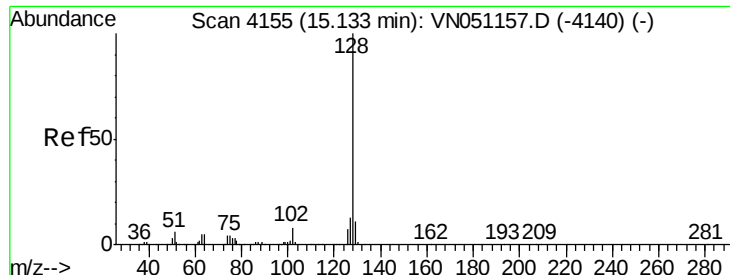


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 6.83 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051258.D

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PHASE-1

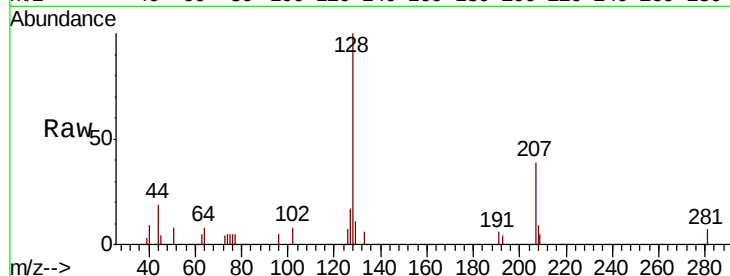
Tot Ion:128 Resp: 8717

Ion Ratio Lower Upper

128 100

127 12.4 10.6 15.8

129 9.3 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

