

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050678.D
 Acq On : 16 Aug 2018 1:57
 Operator : MD\SY
 Sample : PB1112055ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB1112055ZHE#06

Quant Time: Aug 16 05:14:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	612891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1009141	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	873453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311373	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	420679	54.45	ug/l	0.00
Spiked Amount			Recovery	=	108.90%	
35) Dibromofluoromethane	7.59	113	386774	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
50) Toluene-d8	10.09	98	1393634	45.96	ug/l	0.00
Spiked Amount			Recovery	=	91.92%	
62) 4-Bromofluorobenzene	12.40	95	387169	38.65	ug/l	0.00
Spiked Amount			Recovery	=	77.30%	

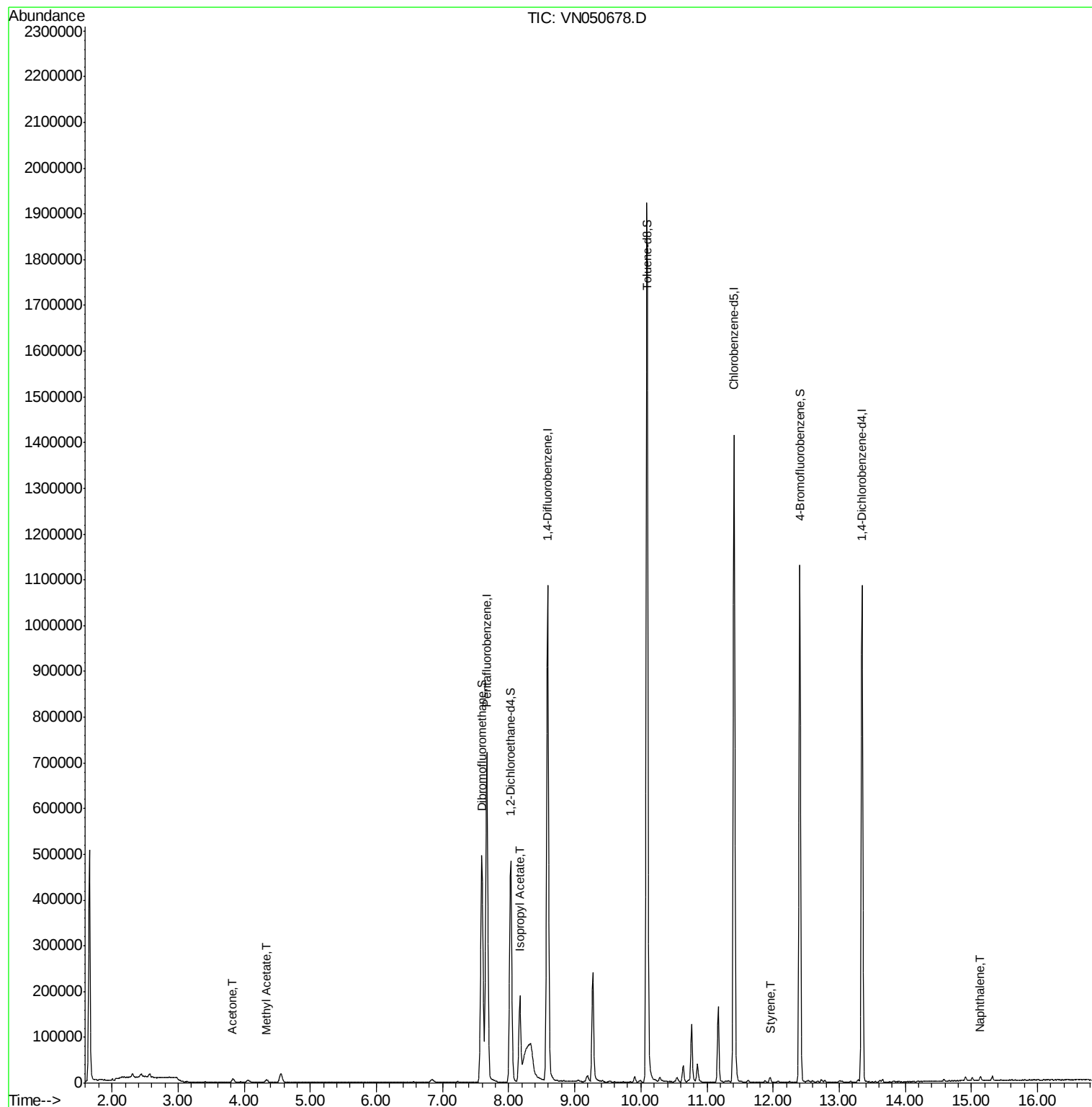
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	13066	5.35	ug/l	96
18) Methyl Acetate	4.34	43	11612	1.17	ug/l	92
43) Isopropyl Acetate	8.17	43	221965	19.18	ug/l	99
70) Styrene	11.97	104	1576	1.01	ug/l #	80
95) Naphthalene	15.14	128	8750	4.54	ug/l #	96

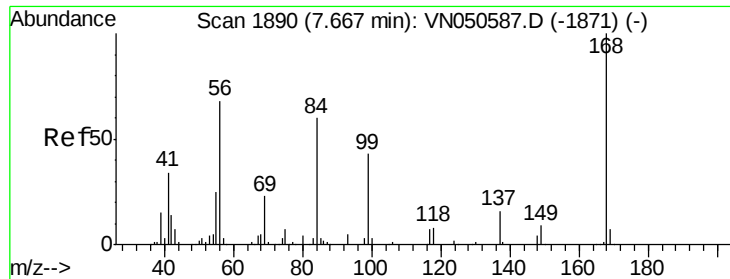
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050678.D

Acq: 16 Aug 2018 1:57

Instrument :

MSVOA_N

ClientSampleId :

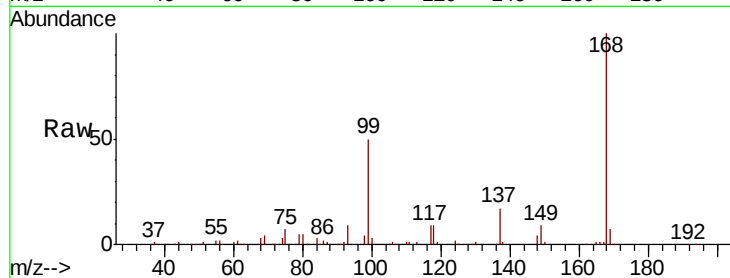
PB1112055ZHE#06

Tot Ion:168 Resp: 612891

Ion Ratio Lower Upper

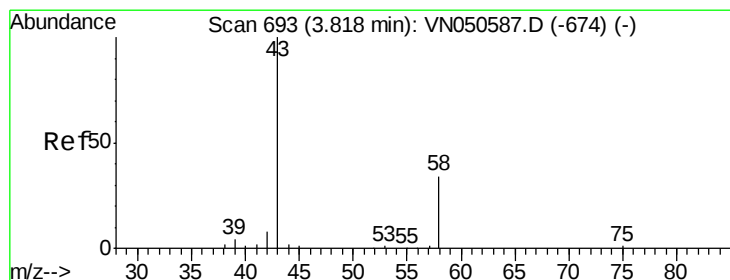
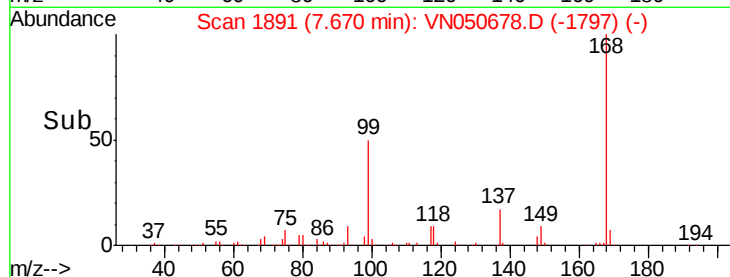
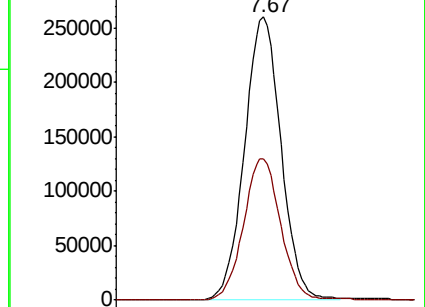
168 100

99 49.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050678.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050678.D (-1797) (-)



#16

Acetone

Concen: 5.35 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050678.D

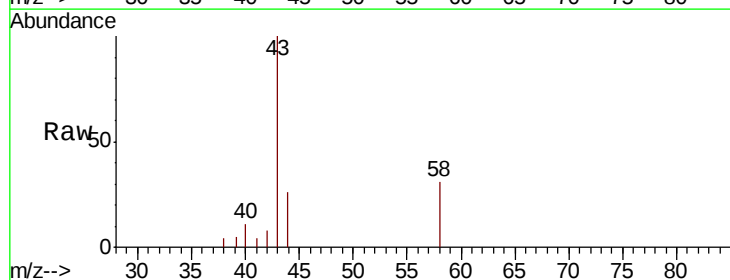
Acq: 16 Aug 2018 1:57

Tgt Ion: 43 Resp: 13066

Ion Ratio Lower Upper

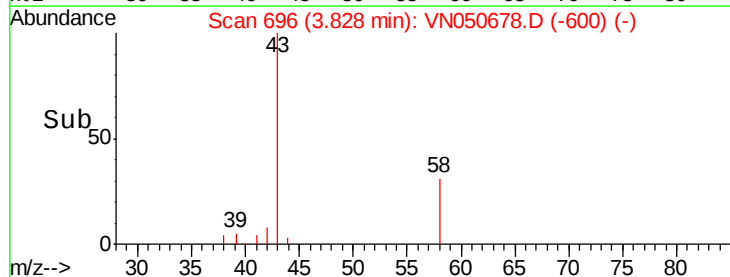
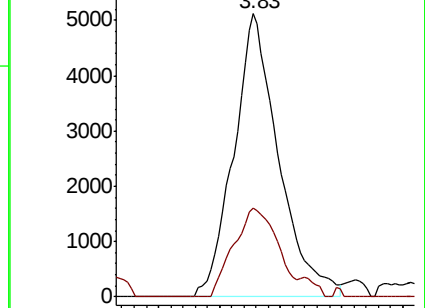
43 100

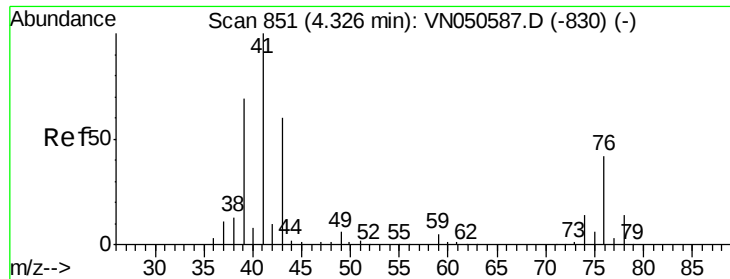
58 31.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050678.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050678.D (-600) (-)

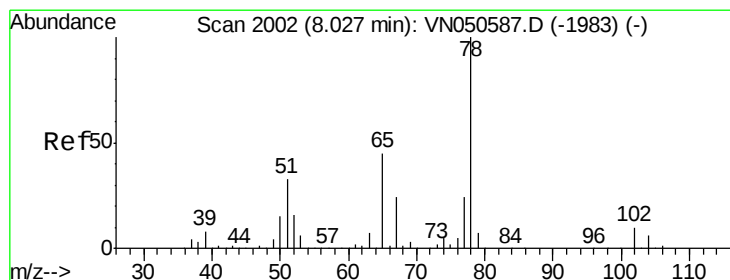
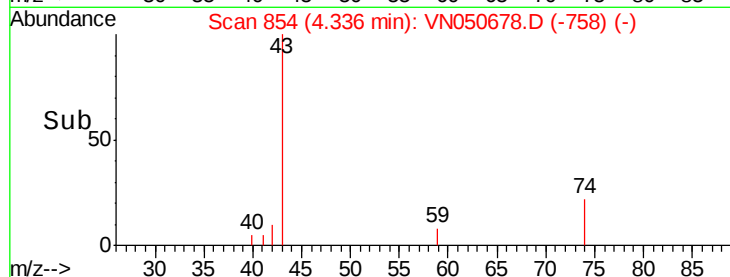
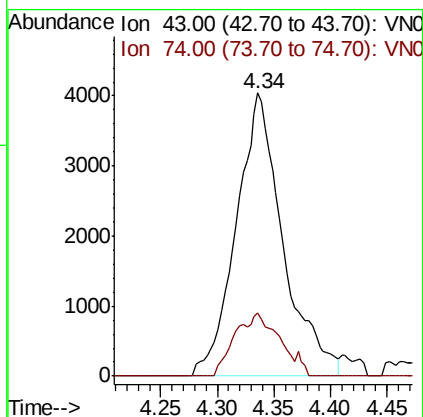
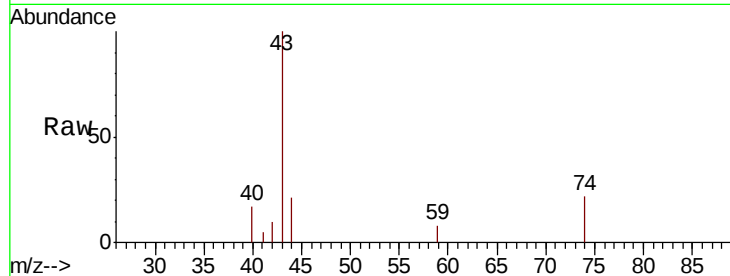




#18
Methvl Acetate
Concen: 1.17 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050678.D
Acq: 16 Aug 2018 1:57

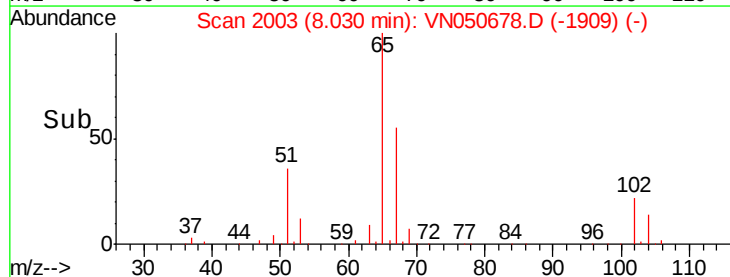
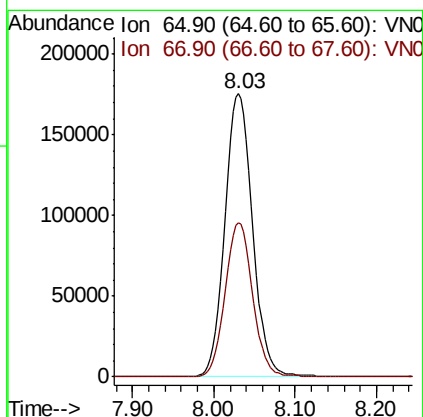
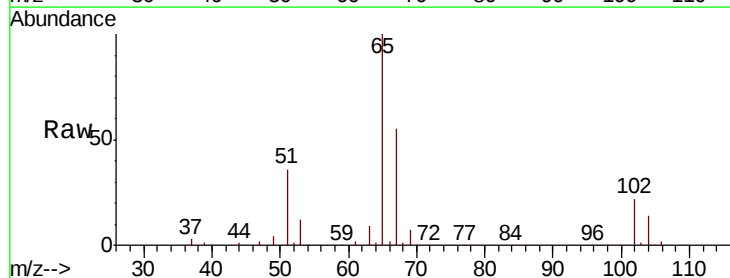
Instrument :
MSVOA_N
ClientSampleId :
PB1112055ZHE#06

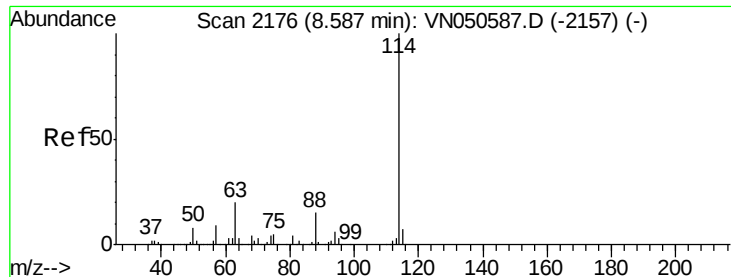
Tot Ion: 43 Resp: 11612
Ion Ratio Lower Upper
43 100
74 20.5 19.7 29.5



#33
1,2-Dichloroethane-d4
Concen: 54.45 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050678.D
Acq: 16 Aug 2018 1:57

Tgt Ion: 65 Resp: 420679
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.8

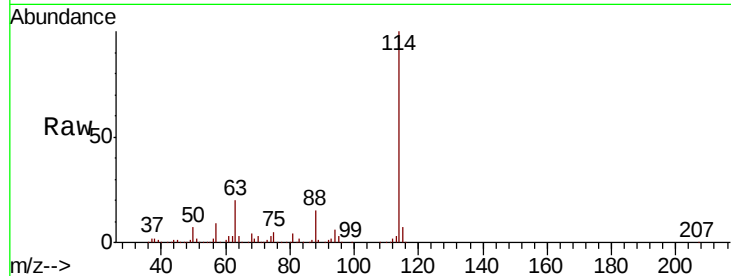




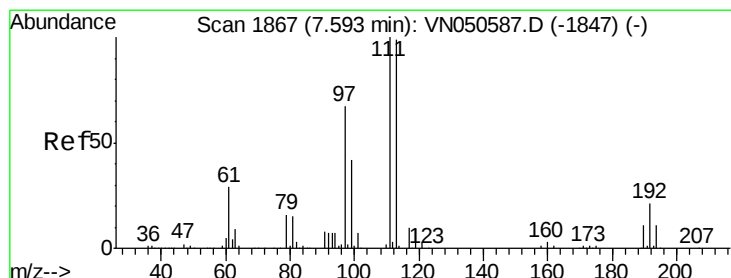
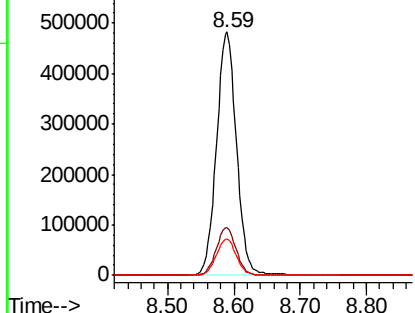
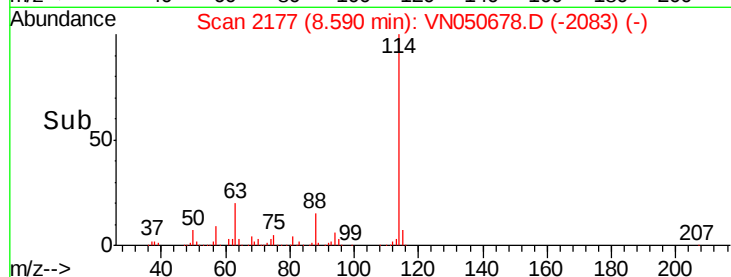
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050678.D
 Acq: 16 Aug 2018 1:57

Instrument :
 MSVOA_N
 ClientSampleId :
 PB1112055ZHE#06

Tot Ion:114 Resp: 1009141
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.1 0.0 30.8

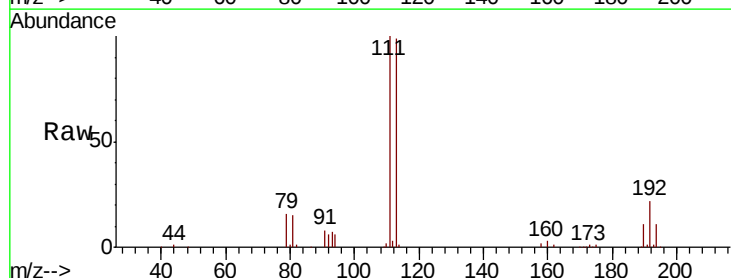


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

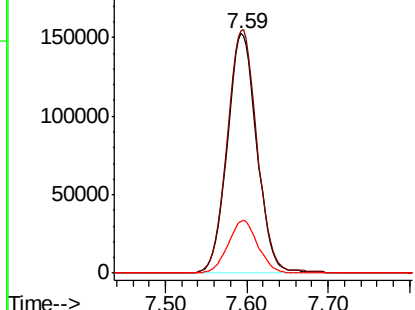
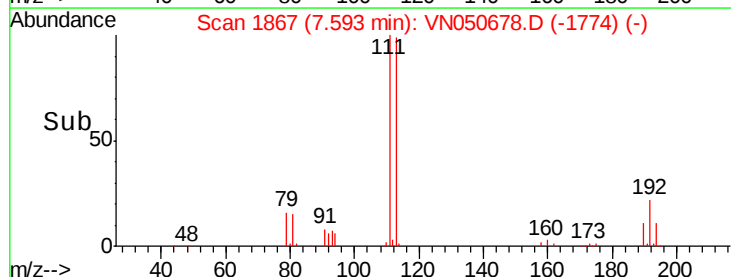


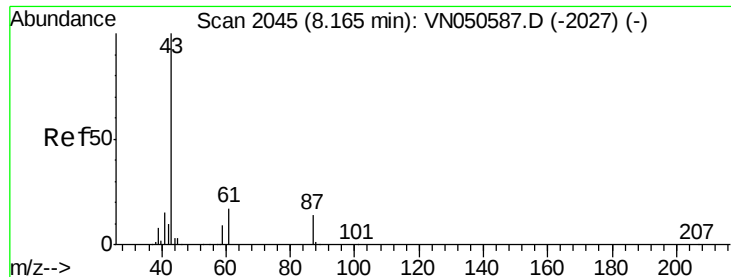
#35
 Dibromofluoromethane
 Concen: 48.01 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050678.D
 Acq: 16 Aug 2018 1:57

Tgt Ion:113 Resp: 386774
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.0 121.6
 192 22.2 17.6 26.4



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





#43

Isopropyl Acetate

Concen: 19.18 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050678.D

Acq: 16 Aug 2018 1:57

Instrument :

MSVOA_N

ClientSampleId :

PB1112055ZHE#06

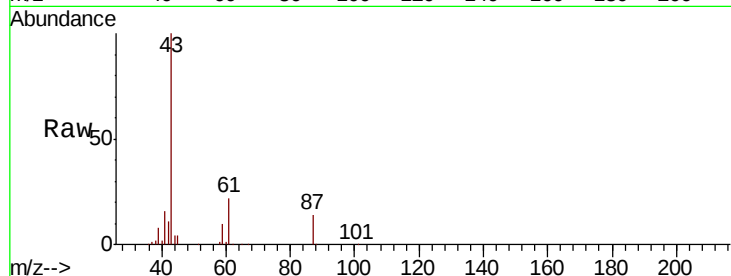
Tot Ion: 43 Resp: 221965

Ion Ratio Lower Upper

43 100

61 20.9 16.2 24.2

87 13.3 10.9 16.3

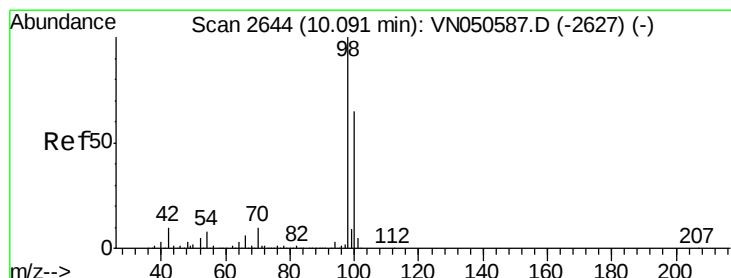
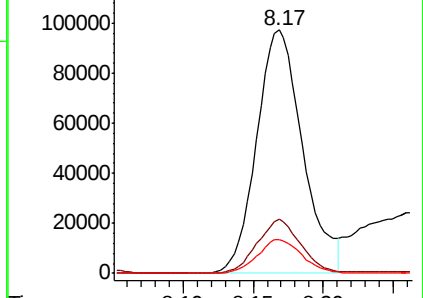
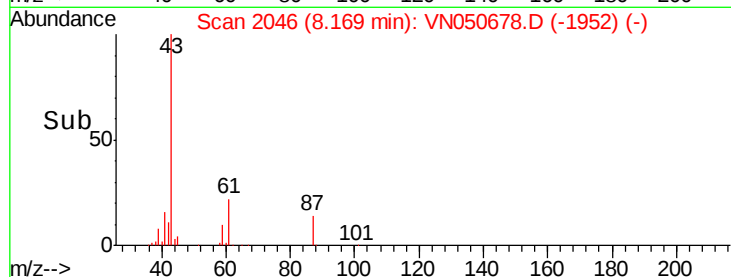


Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050587.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050587.D (-2027) (-)

Time-->



#50

Toluene-d8

Concen: 45.96 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050678.D

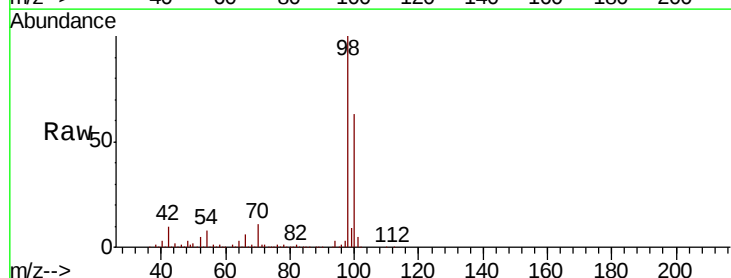
Acq: 16 Aug 2018 1:57

Tgt Ion: 98 Resp: 1393634

Ion Ratio Lower Upper

98 100

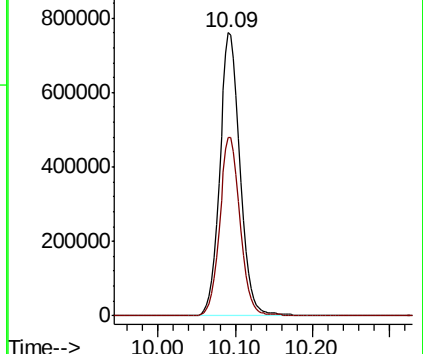
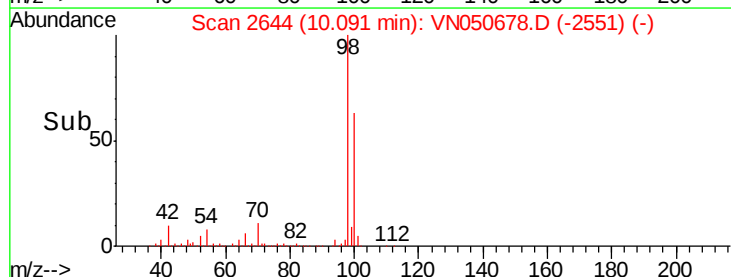
100 63.5 51.8 77.8

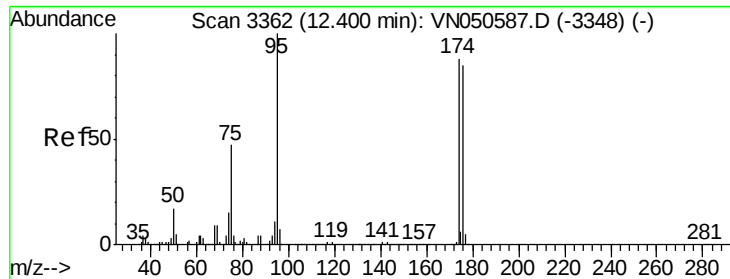


Abundance Ion 98.00 (97.70 to 98.70): VN050587.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050587.D (-2627) (-)

Time-->





#62

4-Bromofluorobenzene

Concen: 38.65 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050678.D

Acq: 16 Aug 2018 1:57

Instrument :

MSVOA_N

ClientSampleId :

PB1112055ZHE#06

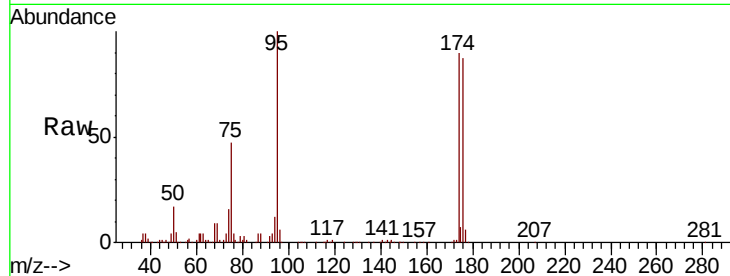
Tot Ion: 95 Resp: 387169

Ion Ratio Lower Upper

95 100

174 90.9 0.0 177.8

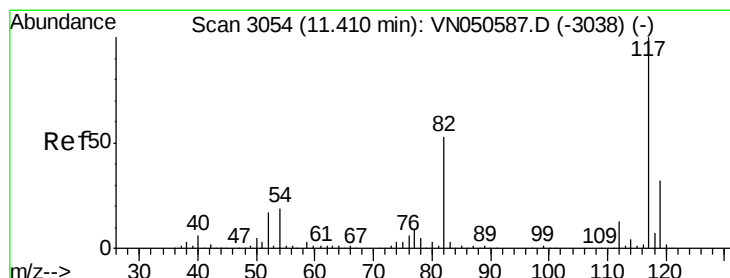
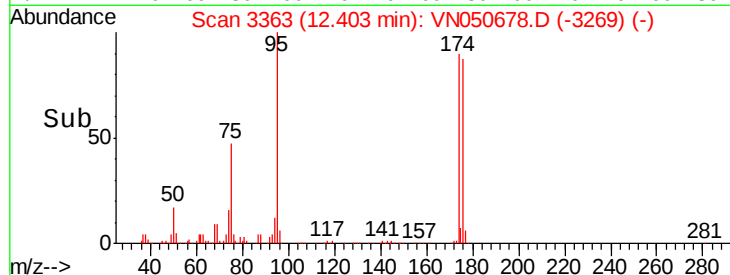
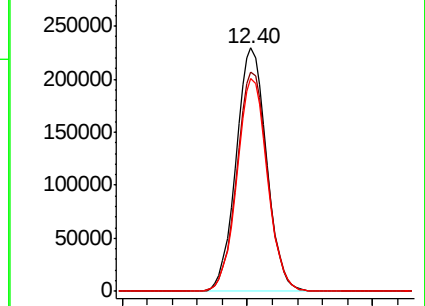
176 87.1 0.0 175.0



Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050587.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050587.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050678.D

Acq: 16 Aug 2018 1:57

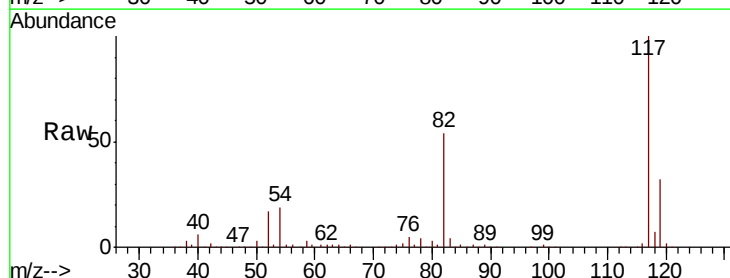
Tgt Ion: 117 Resp: 873453

Ion Ratio Lower Upper

117 100

82 53.6 42.4 63.6

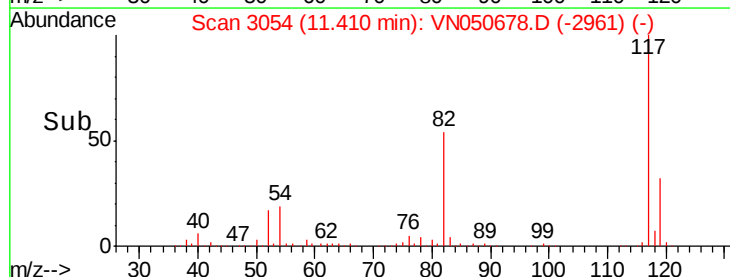
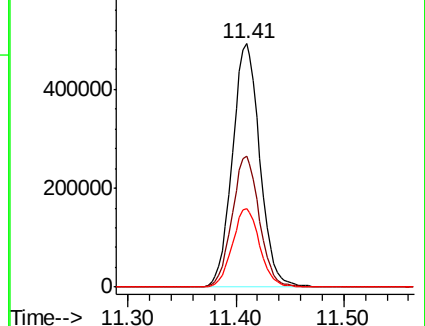
119 32.4 25.8 38.8

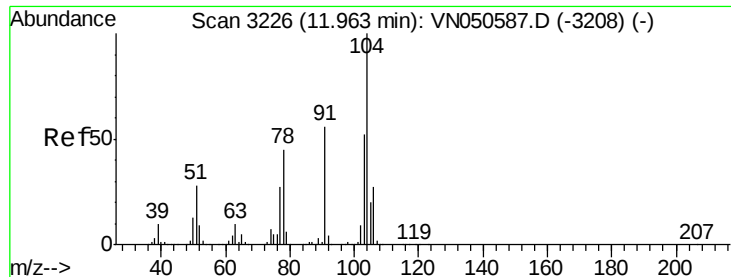


Abundance Ion 116.90 (116.60 to 117.60): VN050587.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050587.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050587.D (-3038) (-)





#70

Stvrene

Concen: 1.01 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050678.D

Acq: 16 Aug 2018 1:57

Instrument :

MSVOA_N

ClientSampleId :

PB1112055ZHE#06

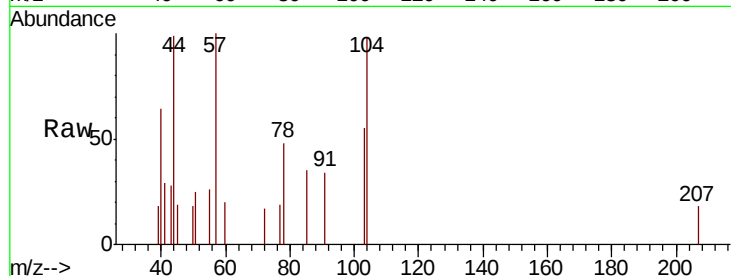
Tot Ion:104 Resp: 1576

Ion Ratio Lower Upper

104 100

78 33.6 39.1 58.7#

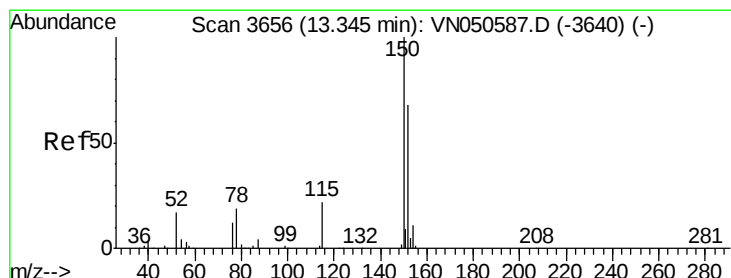
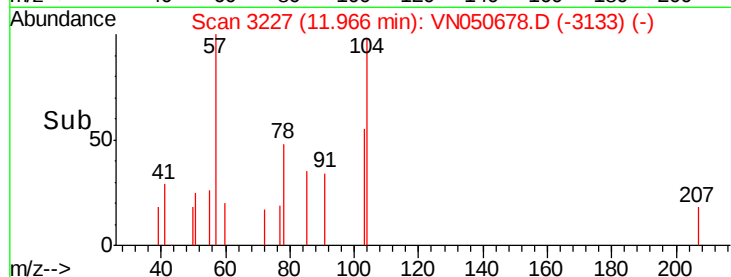
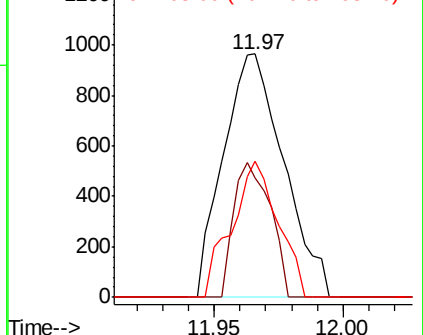
103 42.9 44.9 67.3#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050678.D

Acq: 16 Aug 2018 1:57

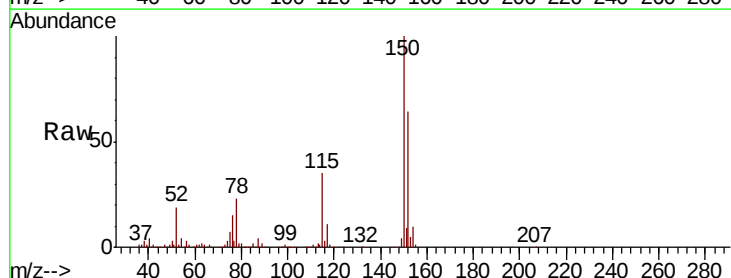
Tgt Ion:152 Resp: 311373

Ion Ratio Lower Upper

152 100

115 55.3 28.1 84.2

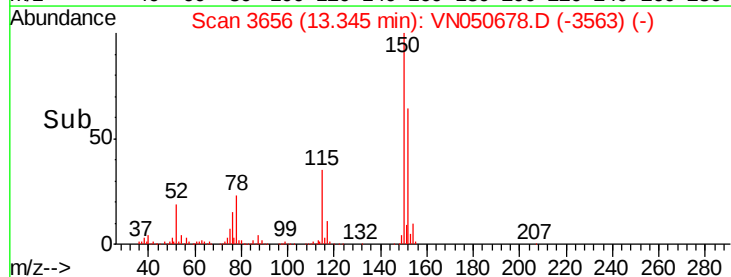
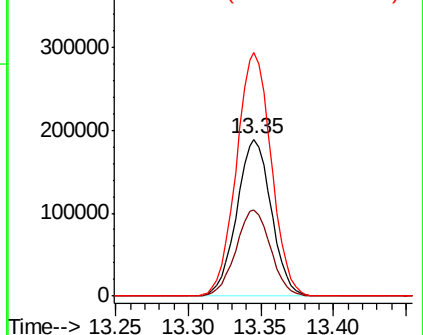
150 157.0 0.0 347.8

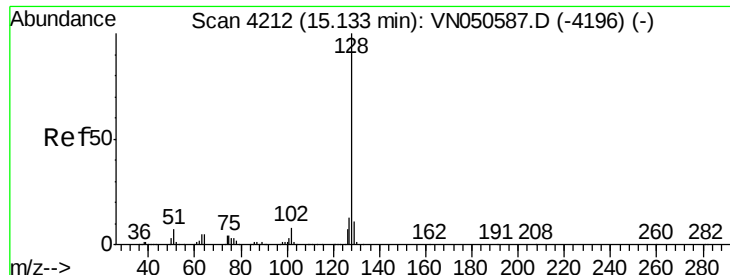


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 4.54 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050678.D

Acq: 16 Aug 2018 1:57

Instrument :

MSVOA_N

ClientSampleId :

PB1112055ZHE#06

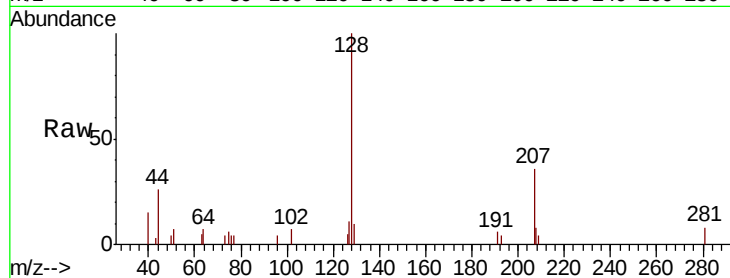
Tot Ion:128 Resp: 8750

Ion Ratio Lower Upper

128 100

127 10.0 10.3 15.5#

129 10.5 8.5 12.7



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

