

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
 Data File : VN054676.D
 Acq On : 25 Mar 2019 16:45
 Operator : JC/SP
 Sample : K2040-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S4B(28)

Quant Time: Mar 26 03:35:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

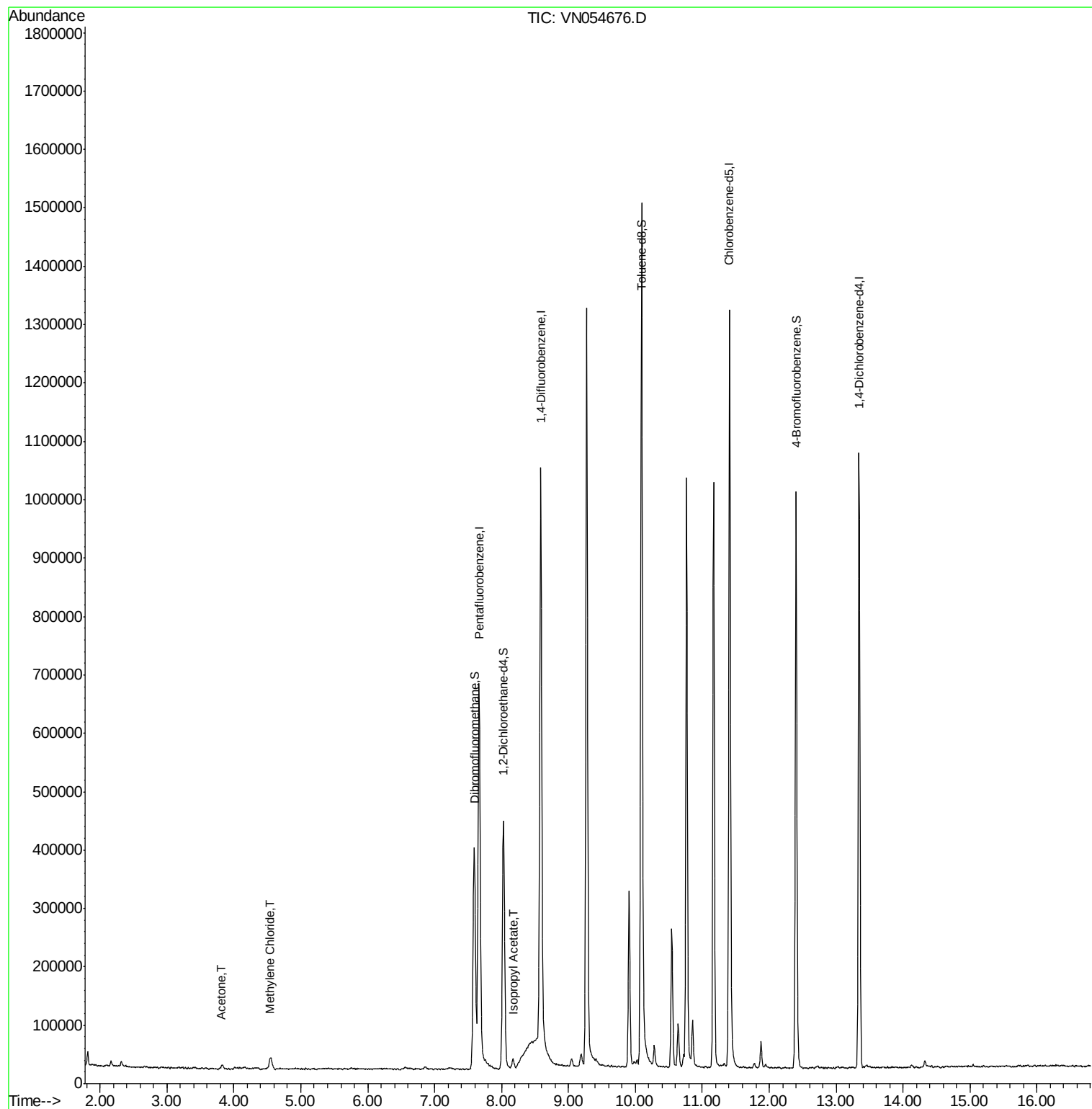
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	572357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	917827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	775896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	277974	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	374527	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
35) Dibromofluoromethane	7.59	113	289421	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
50) Toluene-d8	10.09	98	1099381	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.40	95	338798	44.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.58%	
Target Compounds						
16) Acetone	3.82	43	13226	6.179	ug/l #	74
20) Methylene Chloride	4.54	84	13979	2.216	ug/l #	85
43) Isopropyl Acetate	8.17	43	18377	1.783	ug/l #	94

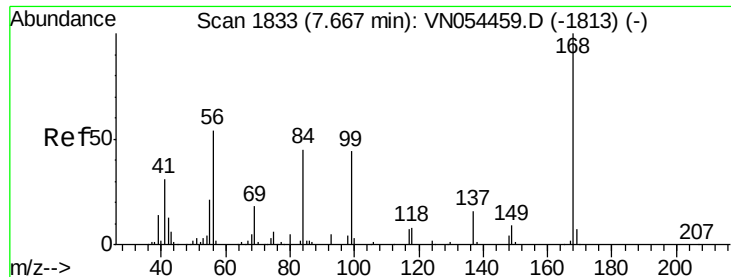
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032519\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054676.D

Acq: 25 Mar 2019 16:45

Instrument :

MSVOA_N

ClientSampled :

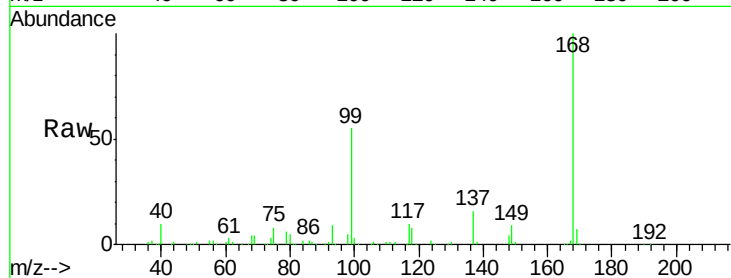
S4B(28)

Tot Ion:168 Resp: 572357

Ion Ratio Lower Upper

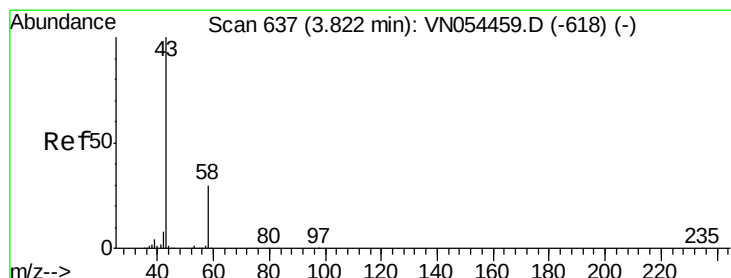
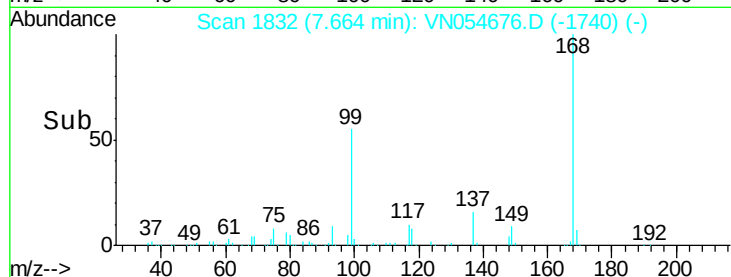
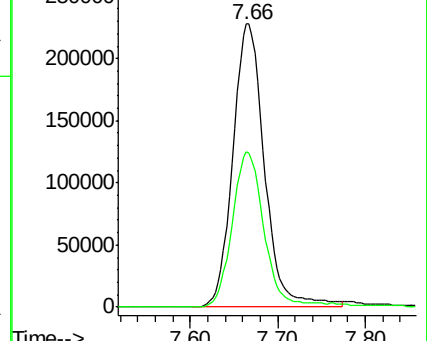
168 100

99 55.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.179 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054676.D

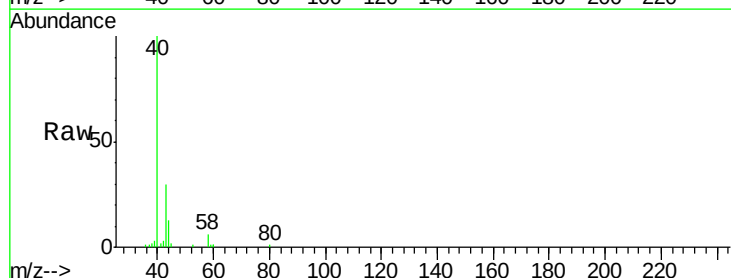
Acq: 25 Mar 2019 16:45

Tgt Ion: 43 Resp: 13226

Ion Ratio Lower Upper

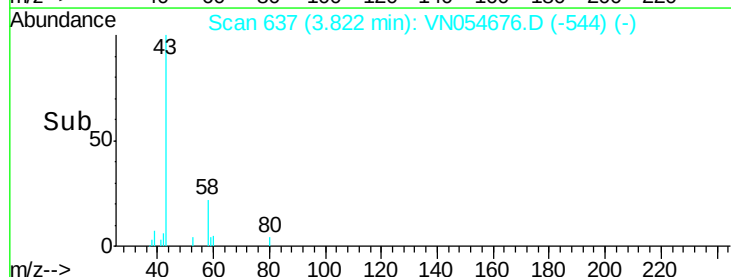
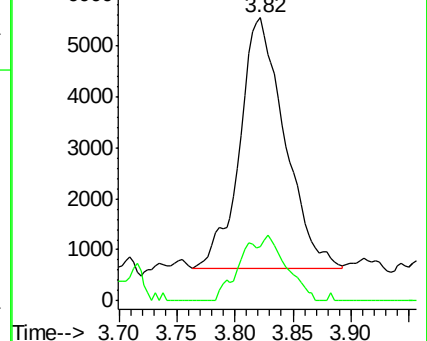
43 100

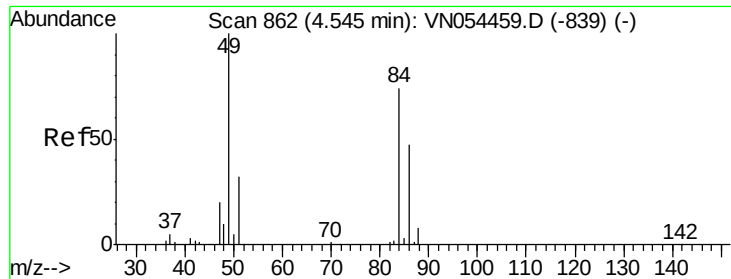
58 21.7 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

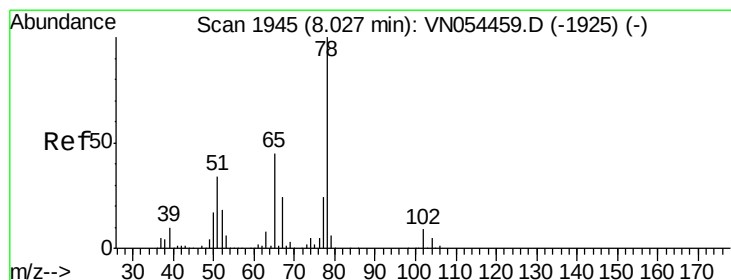
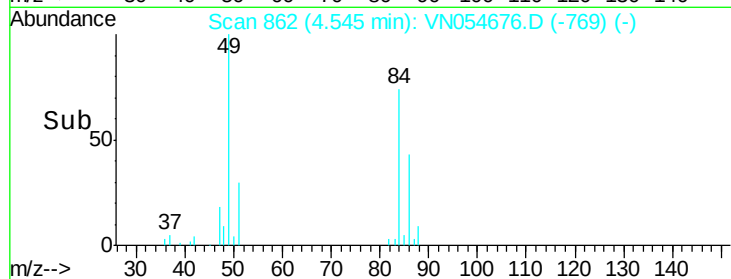
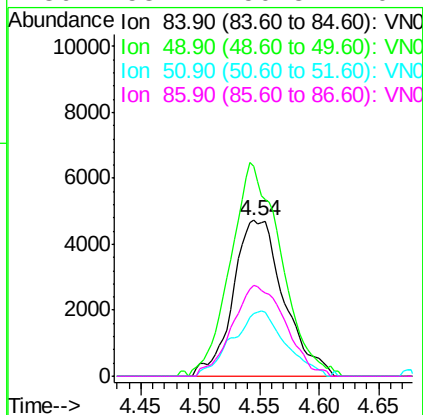
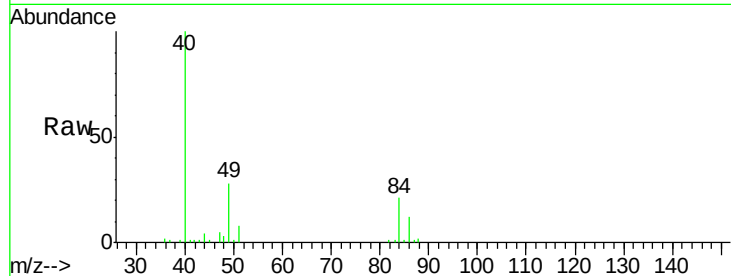




#20
Methvlene Chloride
Concen: 2.216 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054676.D
Acq: 25 Mar 2019 16:45

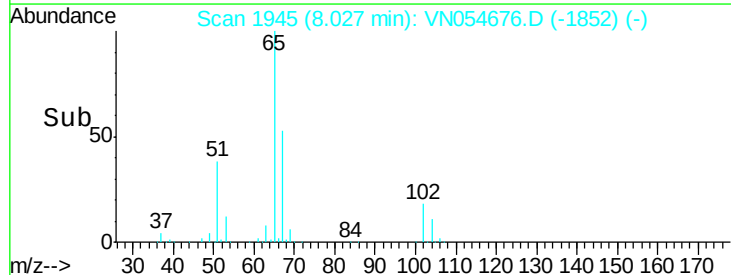
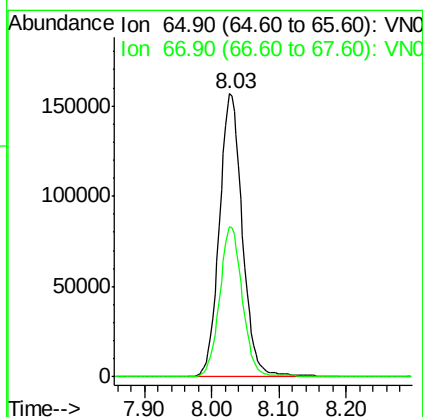
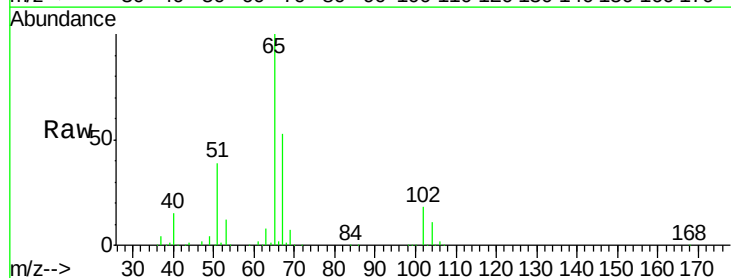
Instrument :
MSVOA_N
ClientSampled :
S4B(28)

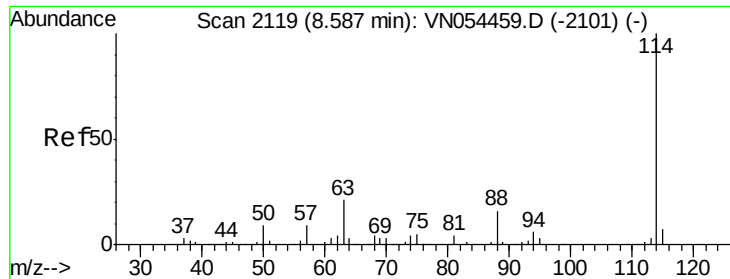
Tot Ion:	84	Resp:	13979
Ion	Ratio	Lower	Upper
84	100		
49	134.6	89.7	134.5#
51	39.8	28.2	42.4
86	58.2	50.8	76.2



#33
1,2-Dichloroethane-d4
Concen: 52.608 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054676.D
Acq: 25 Mar 2019 16:45

Tgt Ion:	65	Resp:	374527
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054676.D

Acq: 25 Mar 2019 16:45

Instrument :

MSVOA_N

ClientSampled :

S4B(28)

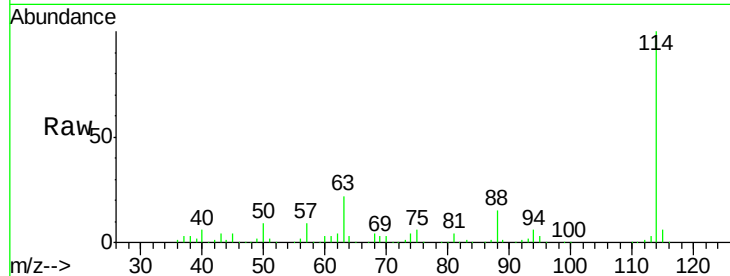
Tot Ion:114 Resp: 917827

Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.2

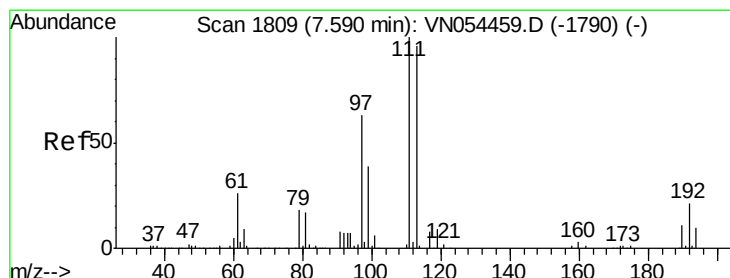
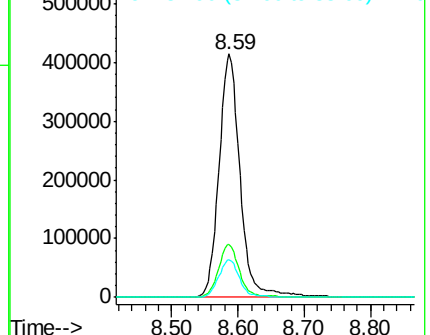
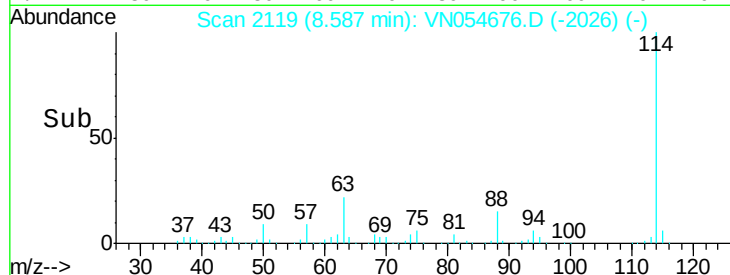
88 15.5 0.0 30.2



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: 48.946 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054676.D

Acq: 25 Mar 2019 16:45

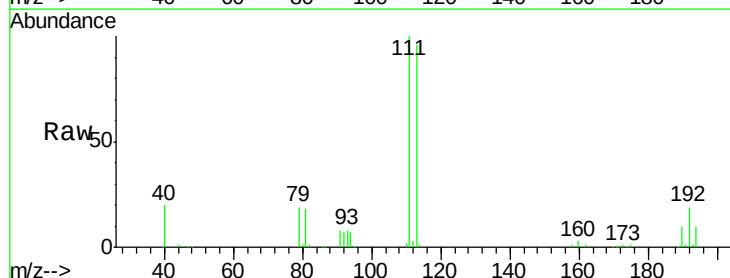
Tgt Ion:113 Resp: 289421

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

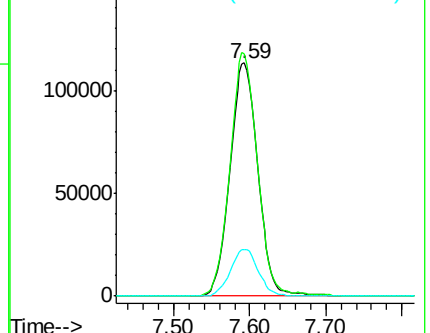
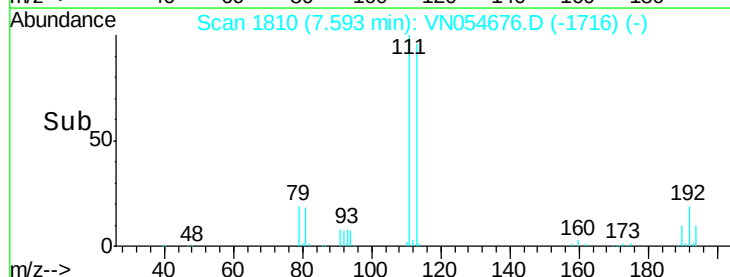
192 20.0 19.2 28.8

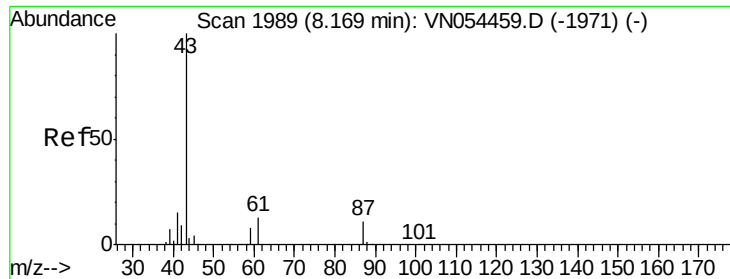


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.783 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054676.D

Acq: 25 Mar 2019 16:45

Instrument :

MSVOA_N

ClientSampled :

S4B(28)

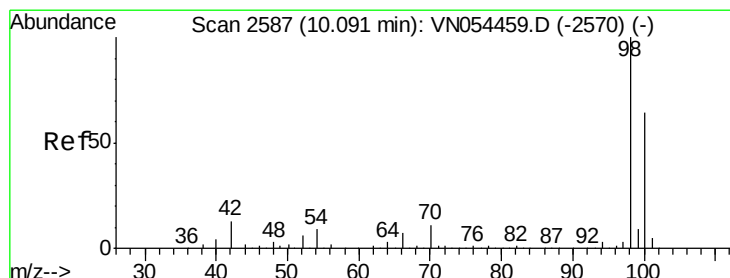
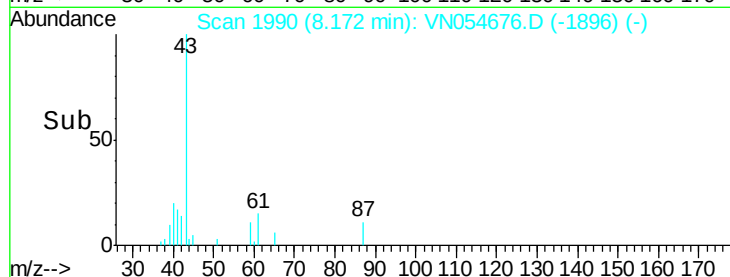
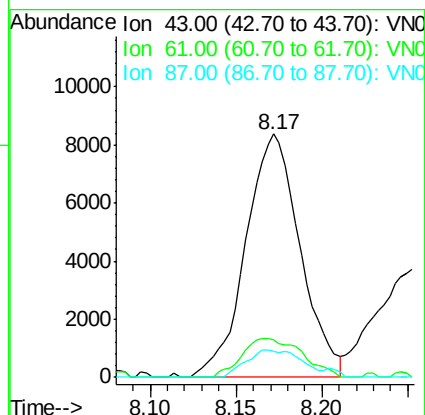
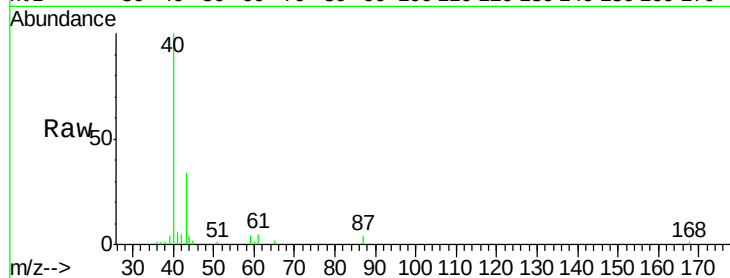
Tot Ion: 43 Resp: 18377

Ion Ratio Lower Upper

43 100

61 17.8 15.8 23.8

87 11.2 12.0 18.0#



#50

Toluene-d8

Concen: 49.456 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054676.D

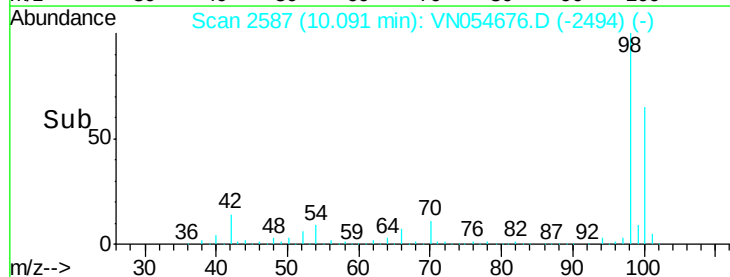
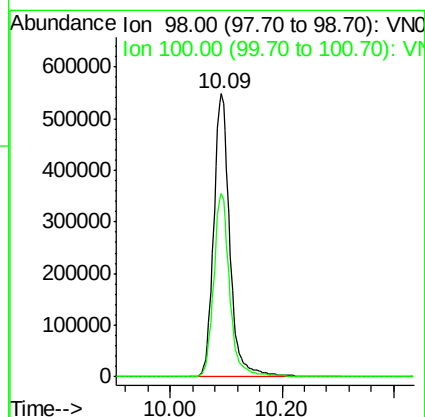
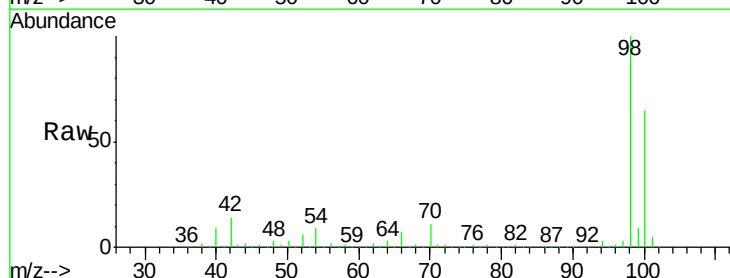
Acq: 25 Mar 2019 16:45

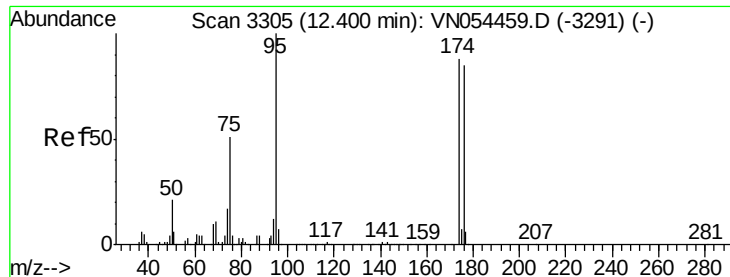
Tgt Ion: 98 Resp: 1099381

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 44.789 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054676.D

Acq: 25 Mar 2019 16:45

Instrument :

MSVOA_N

ClientSampled :

S4B(28)

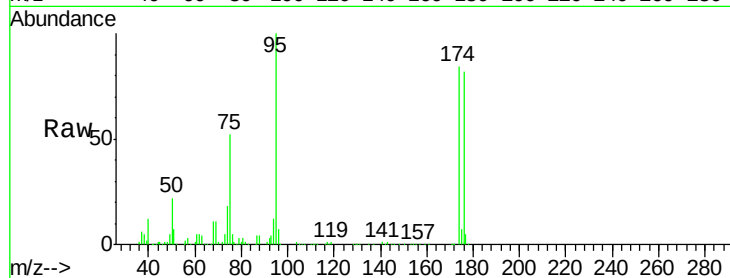
Tot Ion: 95 Resp: 338798

Ion Ratio Lower Upper

95 100

174 83.6 0.0 191.0

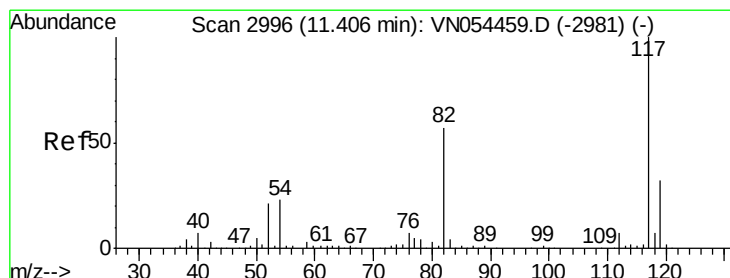
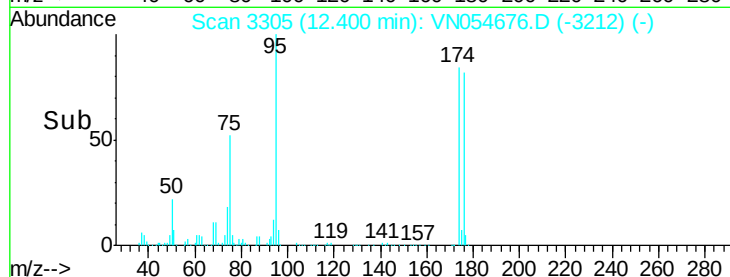
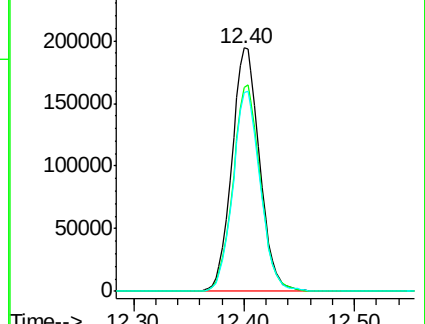
176 81.1 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054676.D

Acq: 25 Mar 2019 16:45

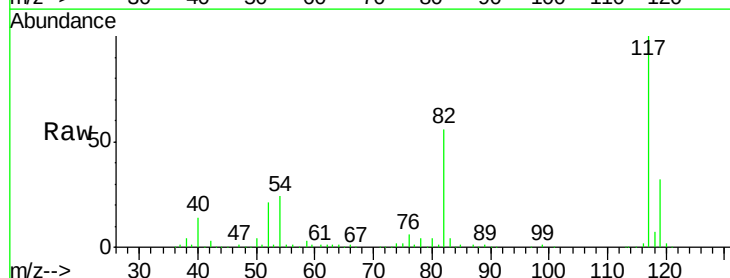
Tgt Ion: 117 Resp: 775896

Ion Ratio Lower Upper

117 100

82 56.3 40.0 60.0

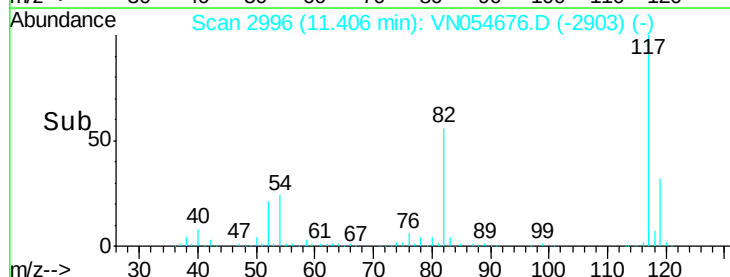
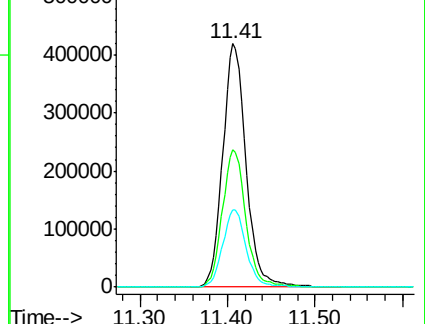
119 31.6 25.8 38.6

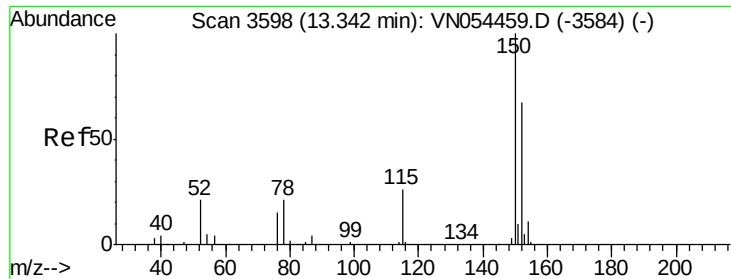


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054676.D

Acq: 25 Mar 2019 16:45

Instrument :

MSVOA_N

ClientSampleId :

S4B(28)

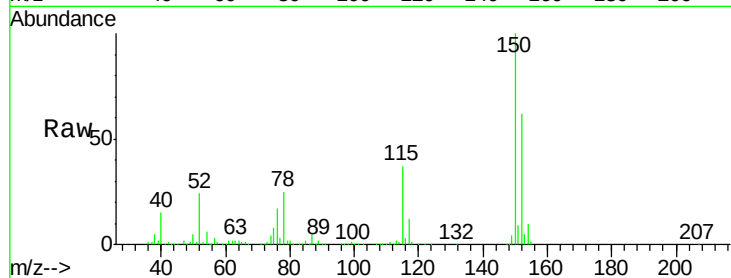
Tot Ion:152 Resp: 277974

Ion Ratio Lower Upper

152 100

115 59.1 27.2 81.6

150 159.8 0.0 349.2



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

