

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
 Data File : VN054673.D
 Acq On : 25 Mar 2019 15:26
 Operator : JC/SP
 Sample : K2050-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-1

Quant Time: Mar 26 03:26:39 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

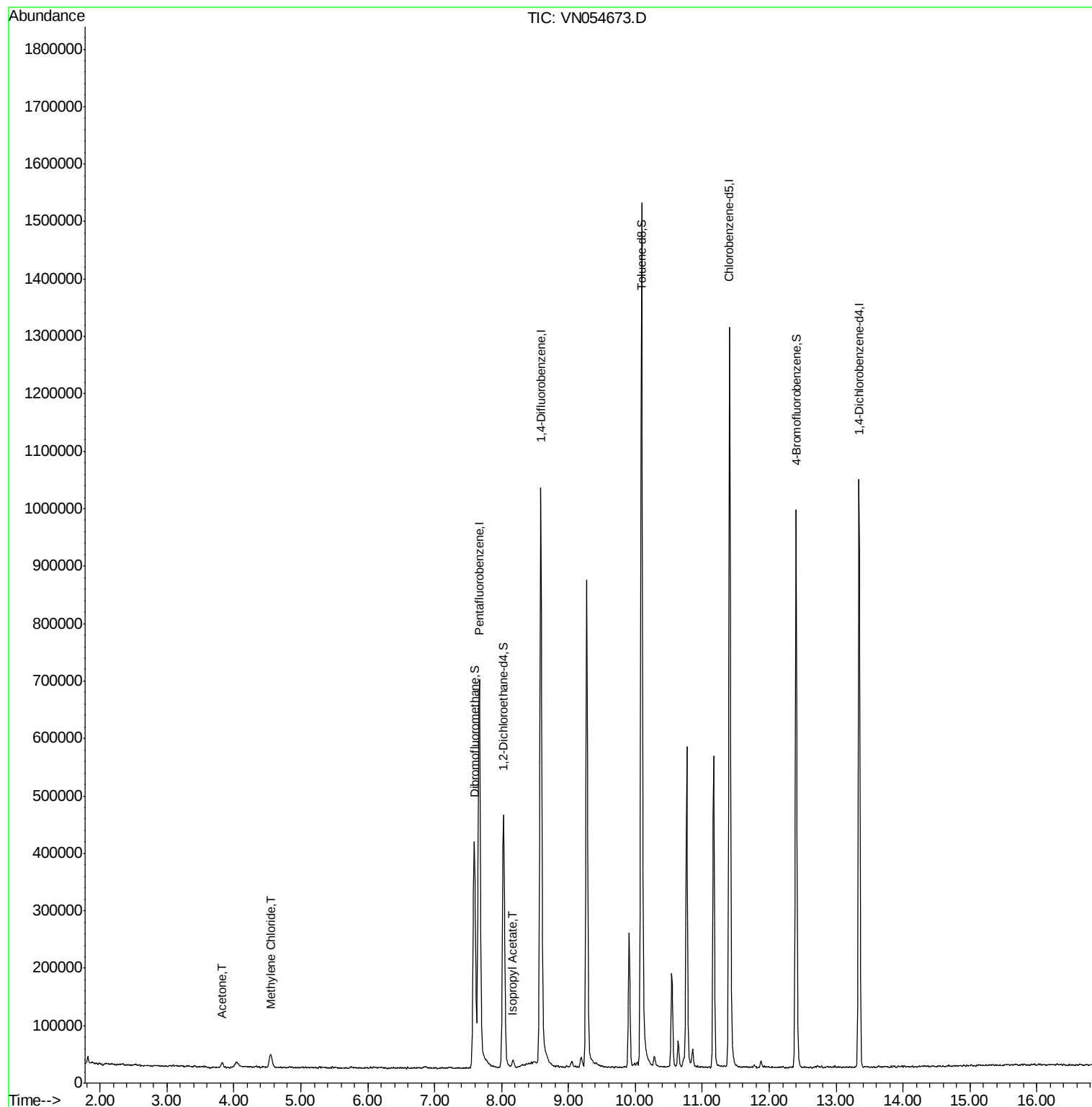
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	576240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	937430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	779018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	274668	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	377020	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
35) Dibromofluoromethane	7.59	113	306186	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
50) Toluene-d8	10.09	98	1117335	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.40	95	336324	43.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.06%	
Target Compounds						
16) Acetone	3.82	43	14561	6.757	ug/l #	78
20) Methylene Chloride	4.55	84	16072	2.530	ug/l #	84
43) Isopropyl Acetate	8.17	43	15665	1.488	ug/l #	93

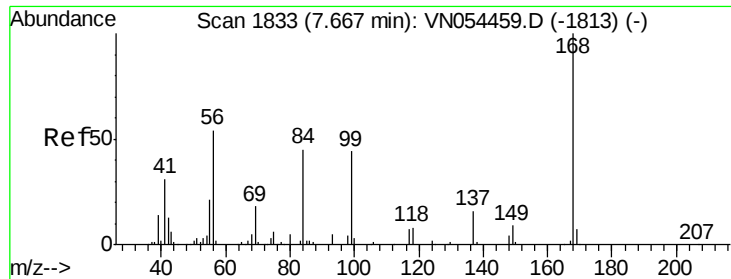
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054673.D

Acq: 25 Mar 2019 15:26

Instrument :

MSVOA_N

ClientSampled :

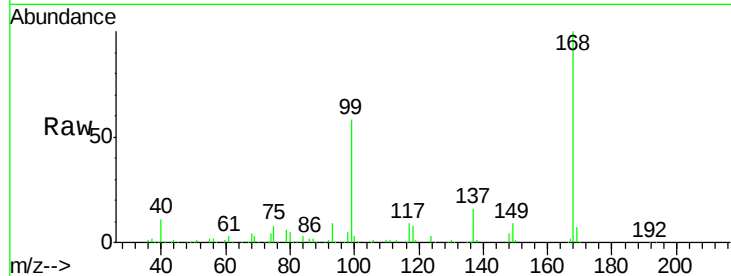
CS-1

Tot Ion:168 Resp: 576240

Ion Ratio Lower Upper

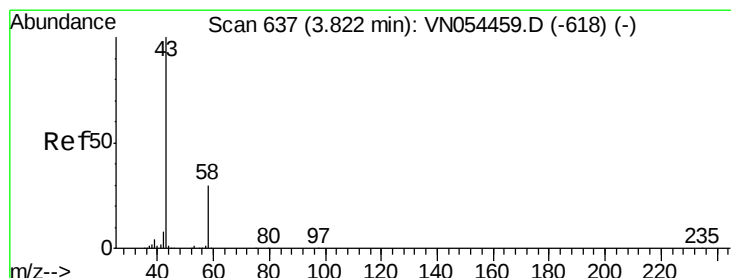
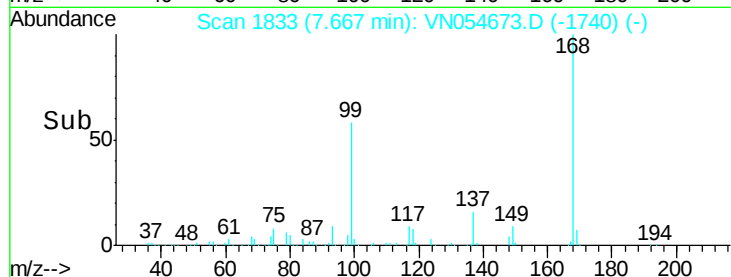
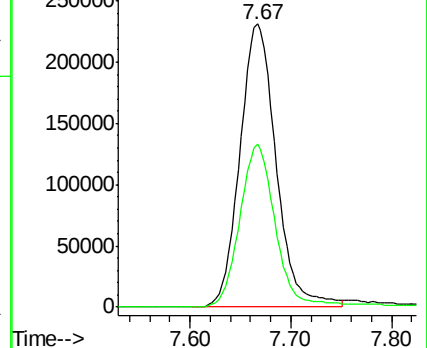
168 100

99 57.6 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: 6.757 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054673.D

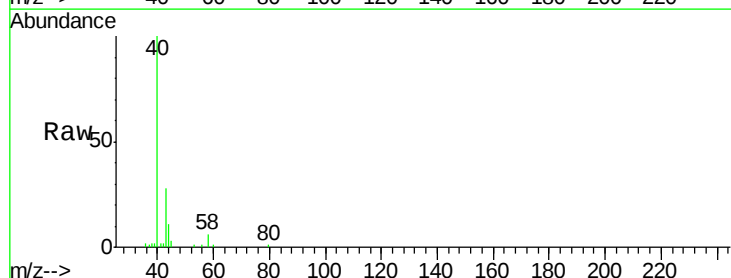
Acq: 25 Mar 2019 15:26

Tgt Ion: 43 Resp: 14561

Ion Ratio Lower Upper

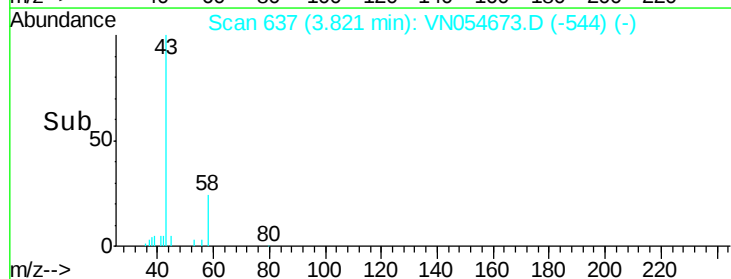
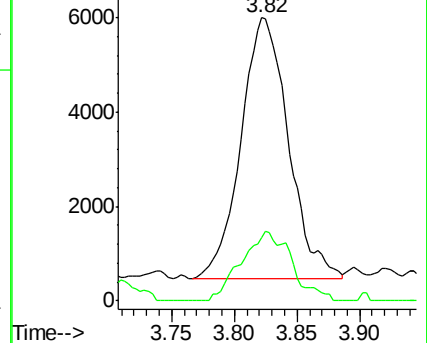
43 100

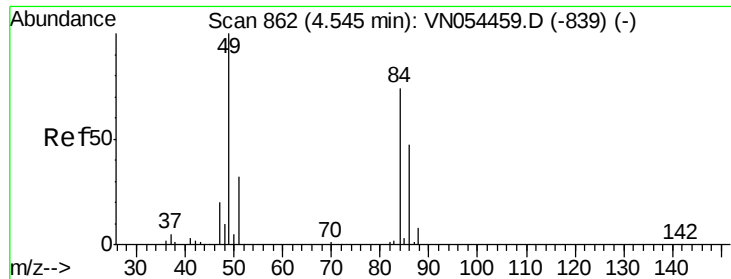
58 24.1 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

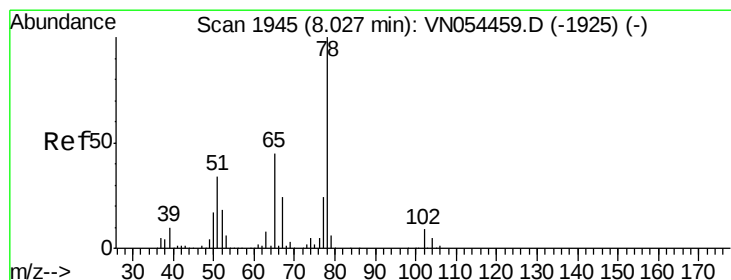
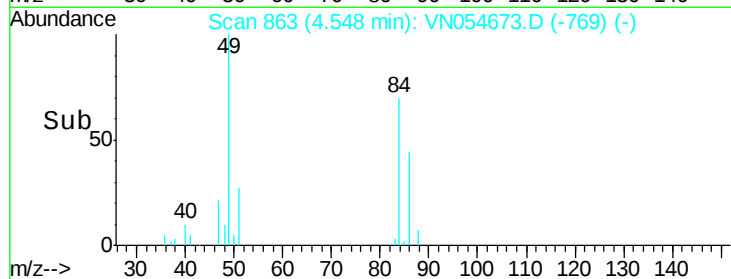
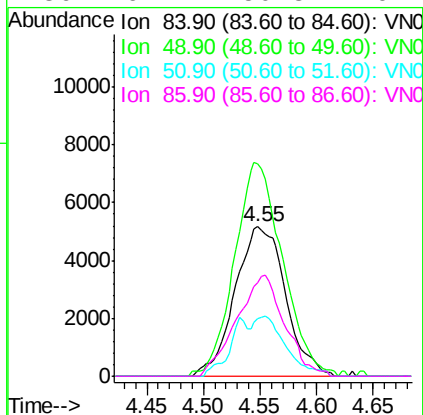
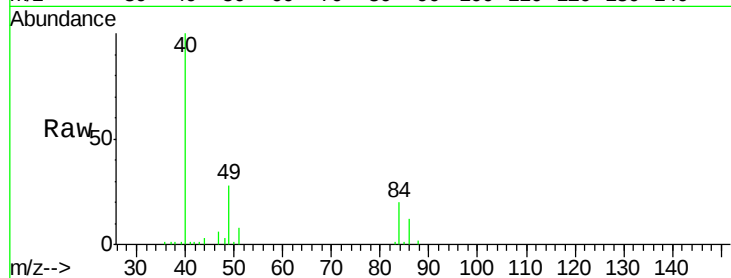




#20
Methylene Chloride
Concen: 2.530 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054673.D
Acq: 25 Mar 2019 15:26

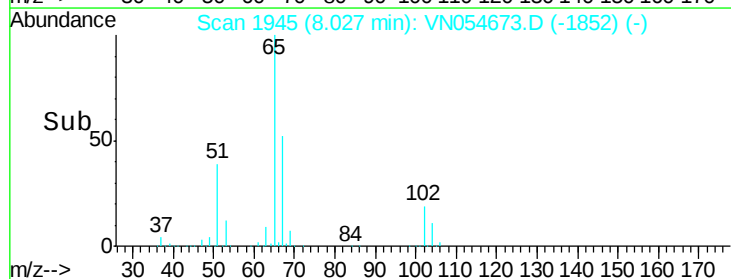
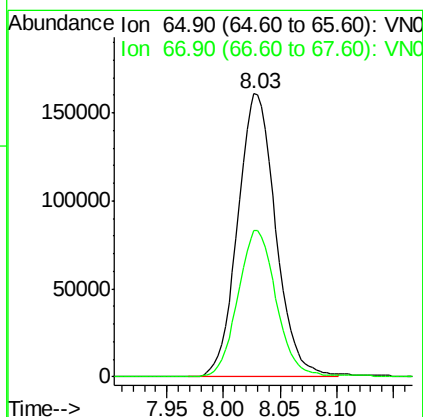
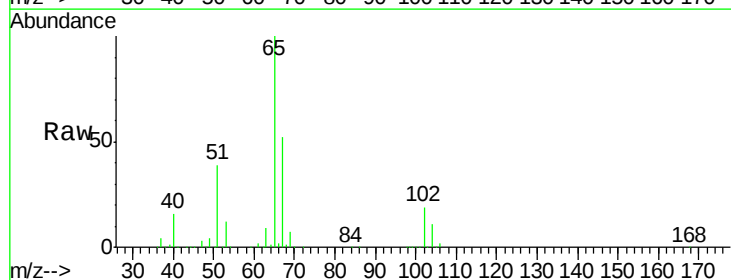
Instrument :
MSVOA_N
ClientSampled :
CS-1

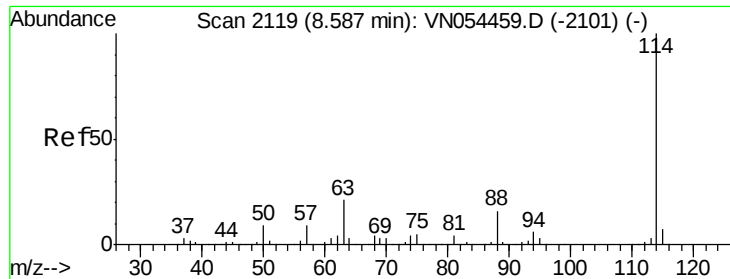
Tot Ion: 84 Resp: 16072
Ion Ratio Lower Upper
84 100
49 142.5 89.7 134.5#
51 38.7 28.2 42.4
86 62.4 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 52.601 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054673.D
Acq: 25 Mar 2019 15:26

Tgt Ion: 65 Resp: 377020
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: VN054673.D

Acq: 25 Mar 2019 15:26

Instrument :

MSVOA_N

ClientSampled :

CS-1

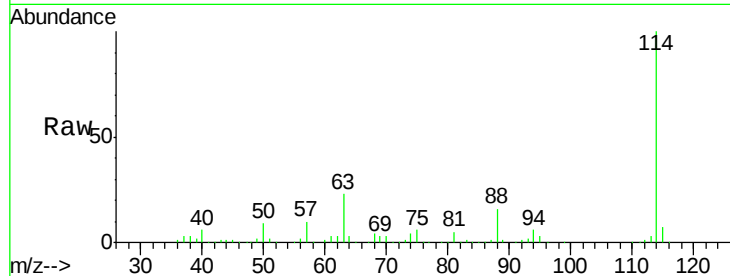
Tot Ion:114 Resp: 937430

Ion Ratio Lower Upper

114 100

63 22.6 0.0 35.2

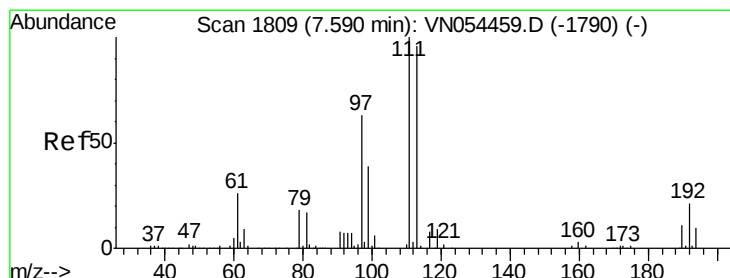
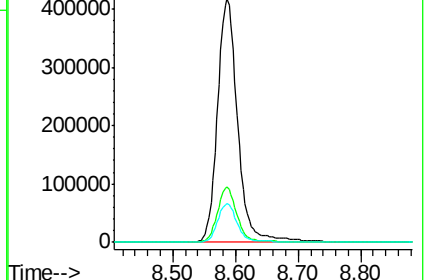
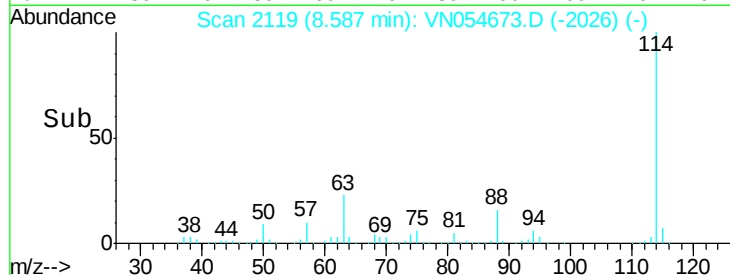
88 15.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.698 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054673.D

Acq: 25 Mar 2019 15:26

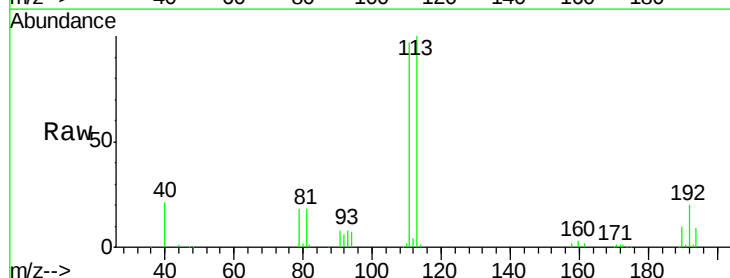
Tgt Ion:113 Resp: 306186

Ion Ratio Lower Upper

113 100

111 98.8 82.2 123.4

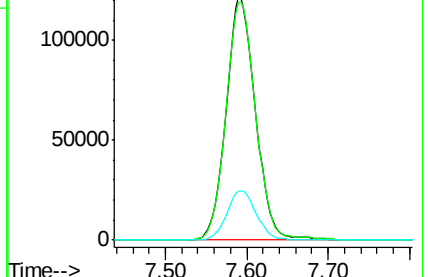
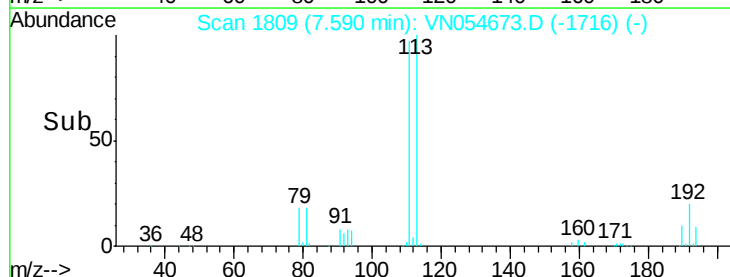
192 20.4 19.2 28.8

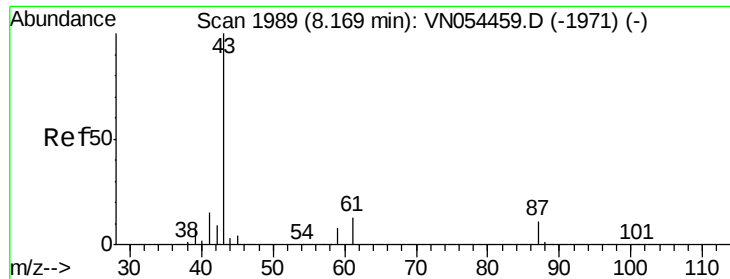


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.488 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054673.D

Acq: 25 Mar 2019 15:26

Instrument :

MSVOA_N

ClientSampleId :

CS-1

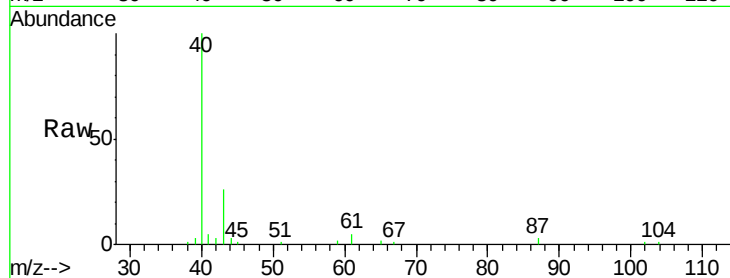
Tot Ion: 43 Resp: 15665

Ion Ratio Lower Upper

43 100

61 17.2 15.8 23.8

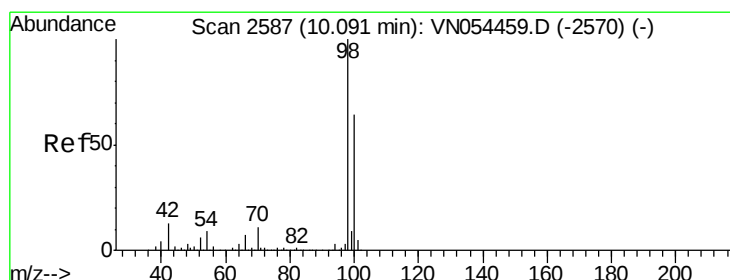
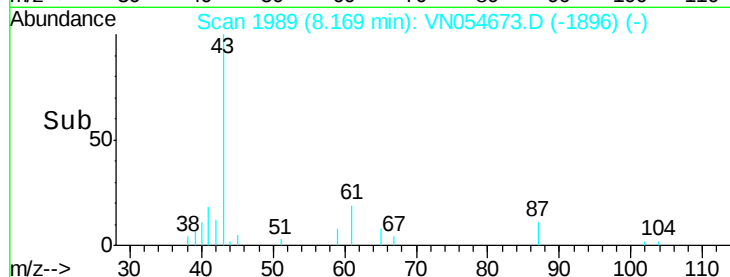
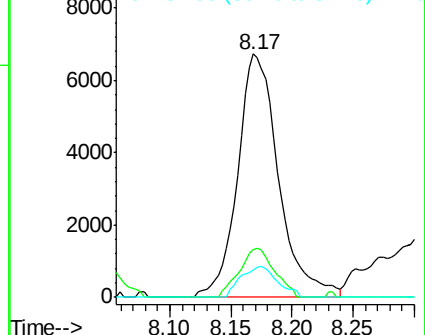
87 11.3 12.0 18.0#



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: 49.212 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054673.D

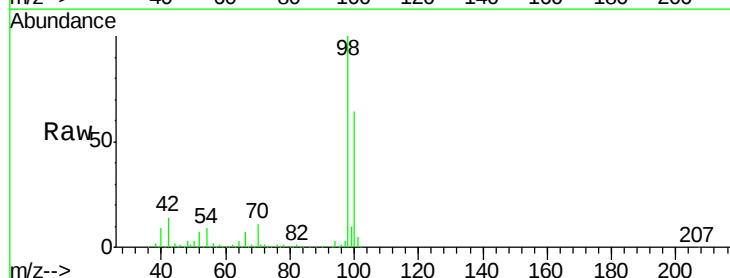
Acq: 25 Mar 2019 15:26

Tgt Ion: 98 Resp: 1117335

Ion Ratio Lower Upper

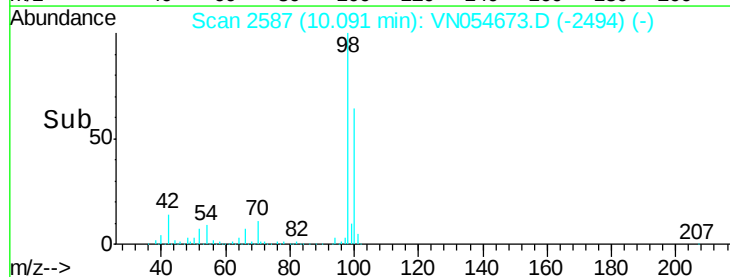
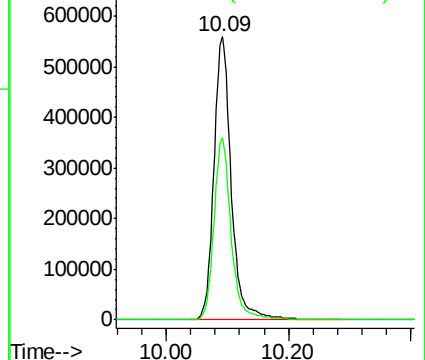
98 100

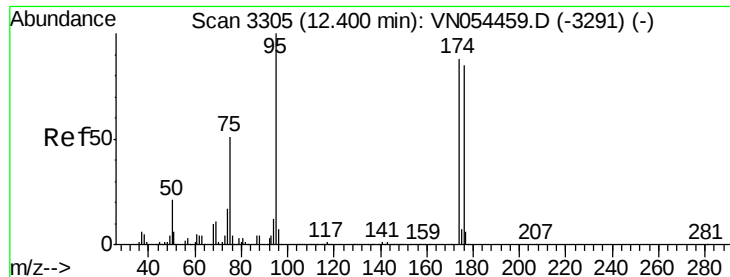
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 43.532 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054673.D

Acq: 25 Mar 2019 15:26

Instrument :

MSVOA_N

ClientSampled :

CS-1

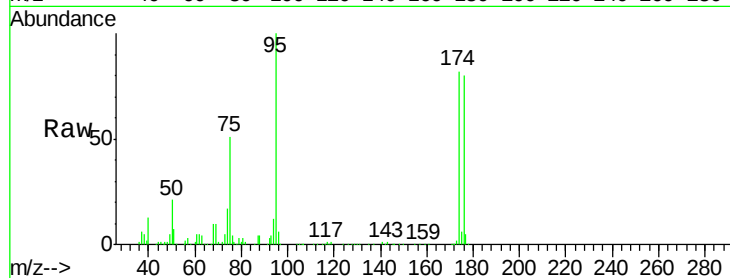
Tot Ion: 95 Resp: 336324

Ion Ratio Lower Upper

95 100

174 83.2 0.0 191.0

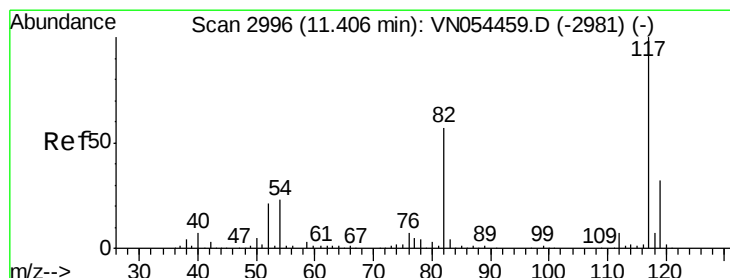
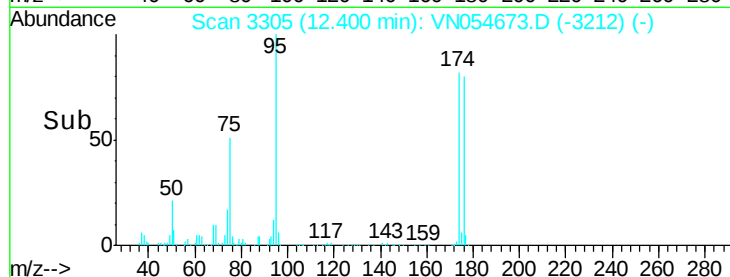
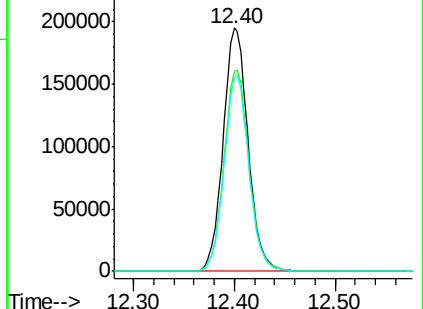
176 80.3 0.0 187.4



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: VN054673.D

Acq: 25 Mar 2019 15:26

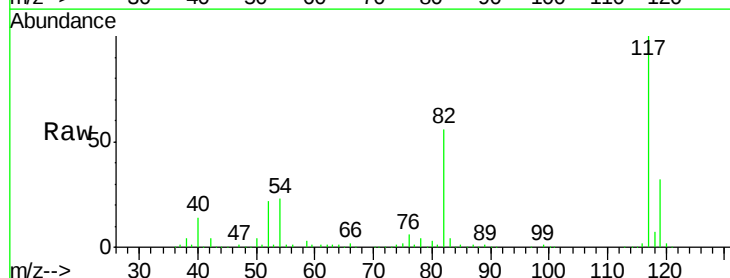
Tgt Ion: 117 Resp: 779018

Ion Ratio Lower Upper

117 100

82 55.9 40.0 60.0

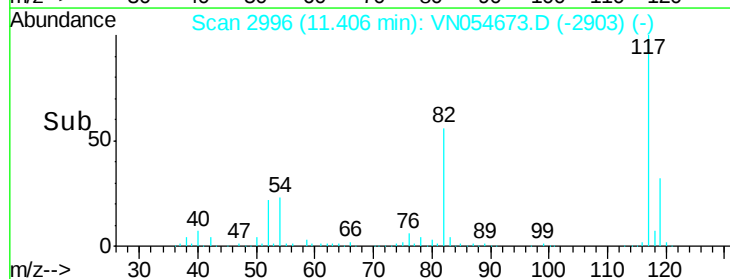
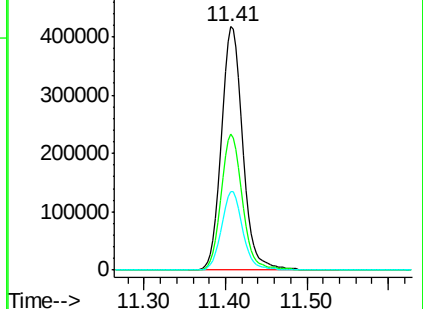
119 32.4 25.8 38.6

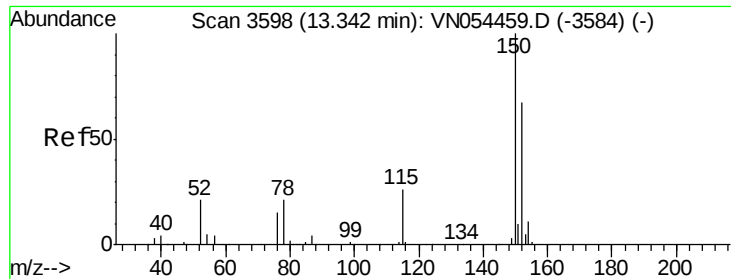


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

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: VN054673.D

Acq: 25 Mar 2019 15:26

Instrument :

MSVOA_N

ClientSampleId :

CS-1

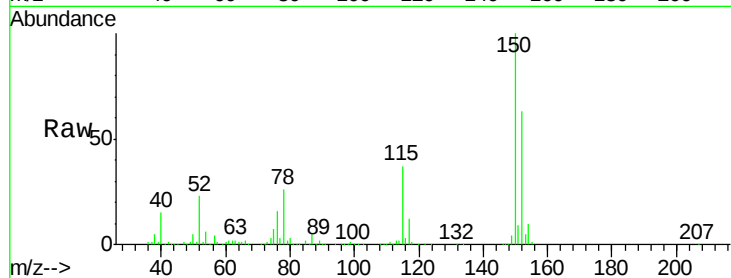
Tot Ion:152 Resp: 274668

Ion Ratio Lower Upper

152 100

115 58.6 27.2 81.6

150 156.5 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

