

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053897.D
 Acq On : 21 Feb 2019 17:24
 Operator : JC/SP
 Sample : K1537-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-2

Quant Time: Feb 22 02:31:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

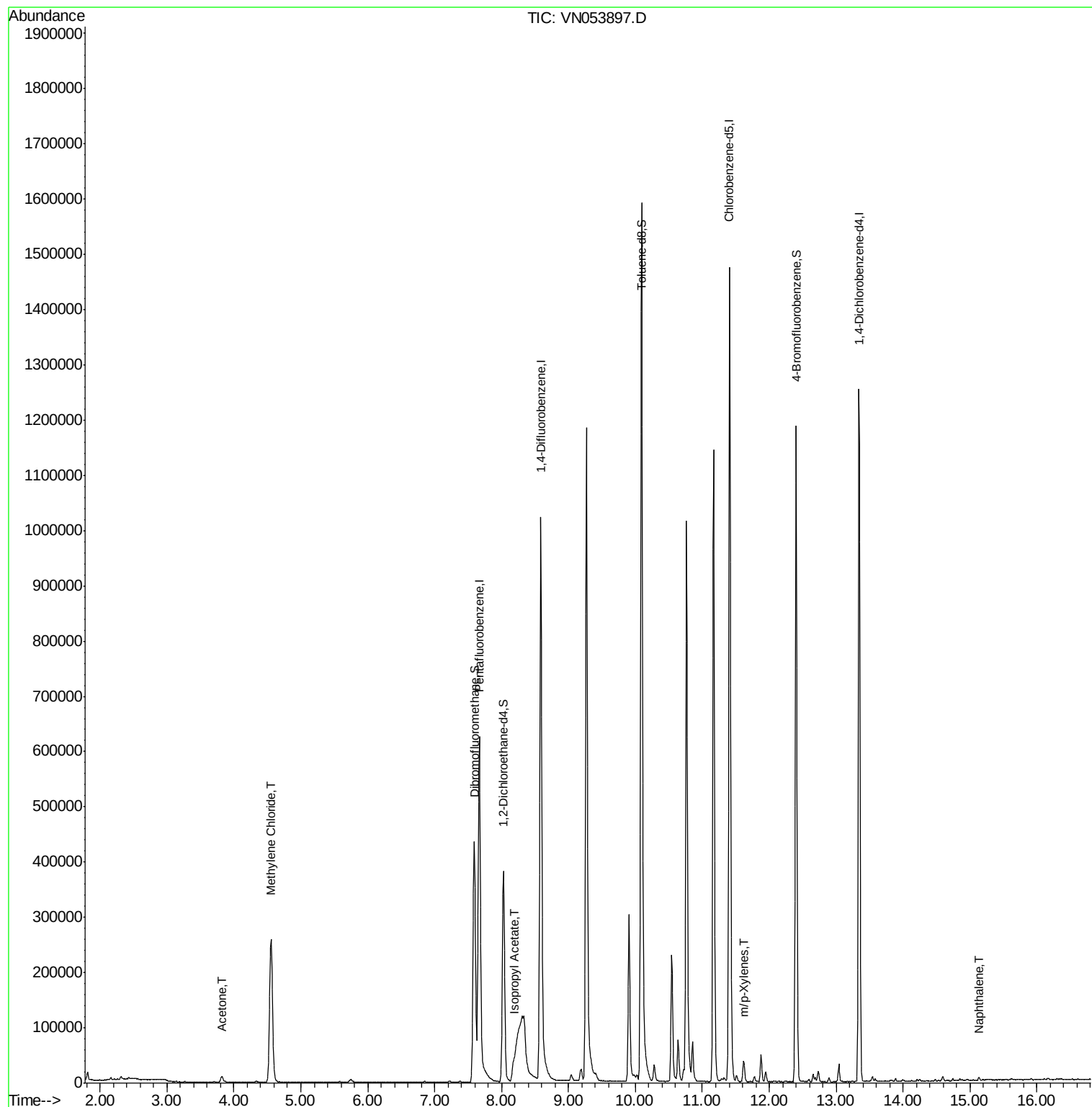
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	625980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1060661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	997326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	372726	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	332821	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
35) Dibromofluoromethane	7.59	113	339949	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
50) Toluene-d8	10.09	98	1295416	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
62) 4-Bromofluorobenzene	12.40	95	422310	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
Target Compounds						
16) Acetone	3.82	43	19756	11.229	ug/l	98
20) Methylene Chloride	4.55	84	210470	31.952	ug/l	99
43) Isopropyl Acetate	8.18	43	30266	2.919	ug/l #	90
68) m/p-Xylenes	11.62	106	13628	1.042	ug/l	99
95) Naphthalene	15.13	128	5016	4.920	ug/l #	92

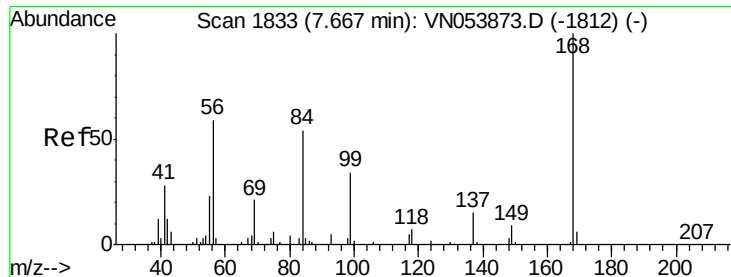
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 21 03:36:07 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: VN053897.D

Acq: 21 Feb 2019 17:24

Instrument :

MSVOA_N

ClientSampled :

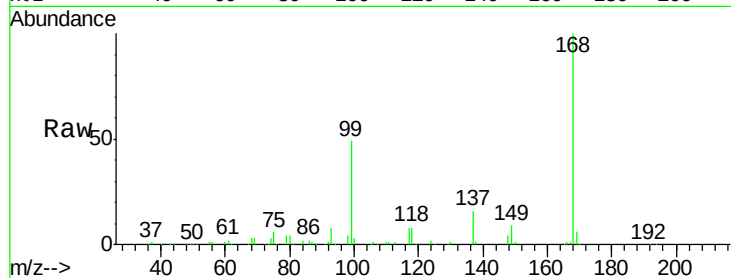
DRUM-1-2

Tot Ion:168 Resp: 625980

Ion Ratio Lower Upper

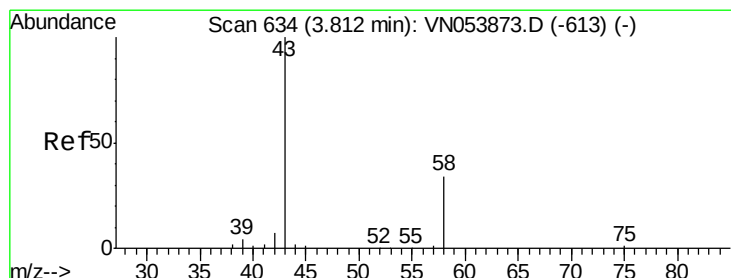
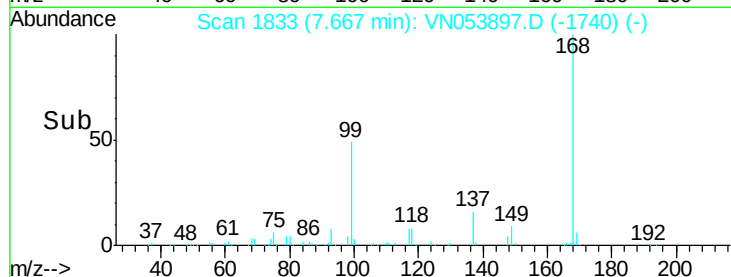
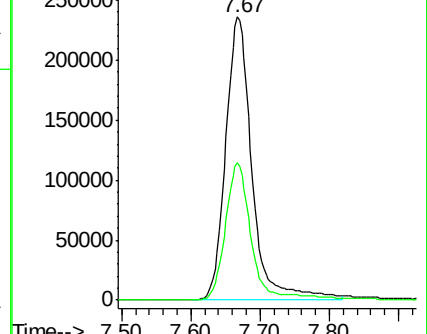
168 100

99 48.5 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 11.229 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053897.D

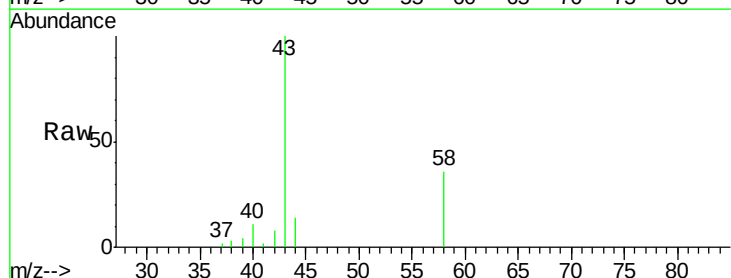
Acq: 21 Feb 2019 17:24

Tgt Ion: 43 Resp: 19756

Ion Ratio Lower Upper

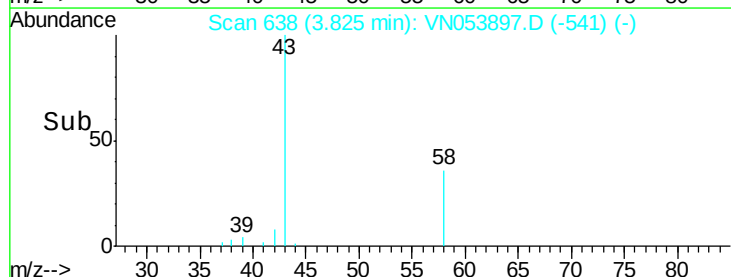
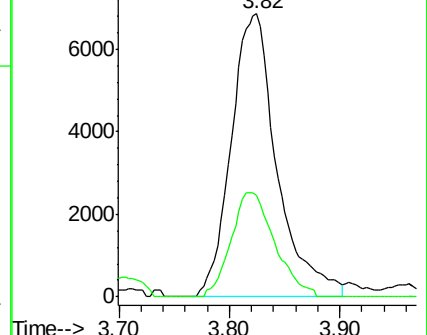
43 100

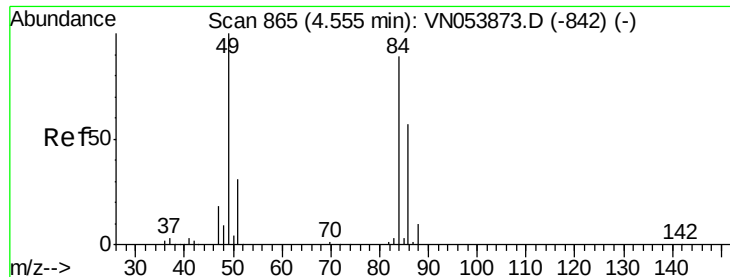
58 35.9 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

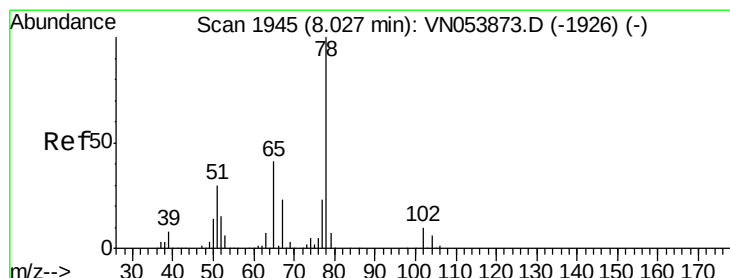
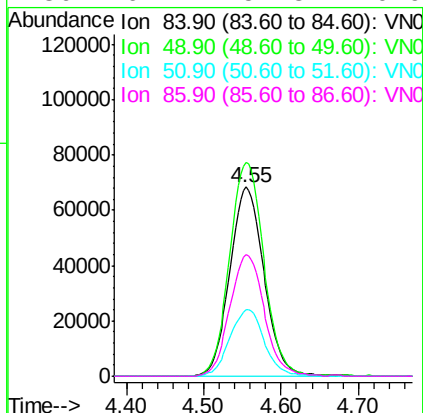
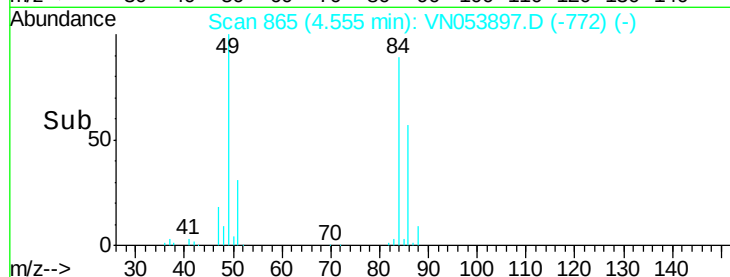
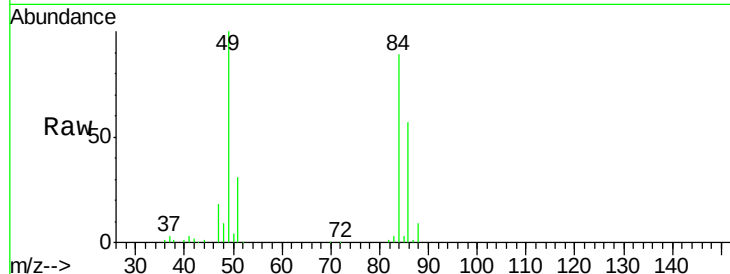




#20
Methylene Chloride
Concen: 31.952 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053897.D
Acq: 21 Feb 2019 17:24

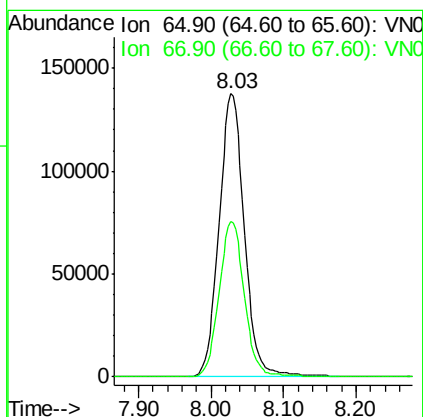
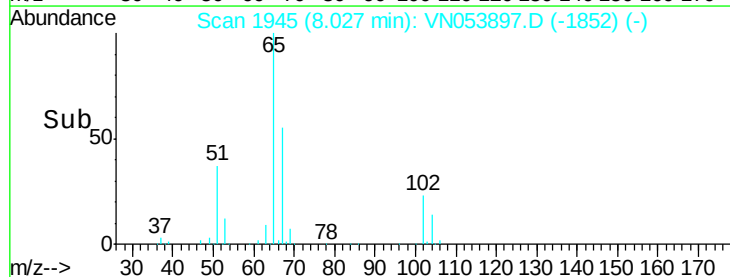
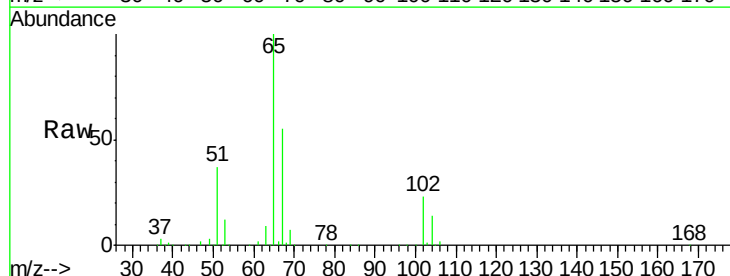
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-2

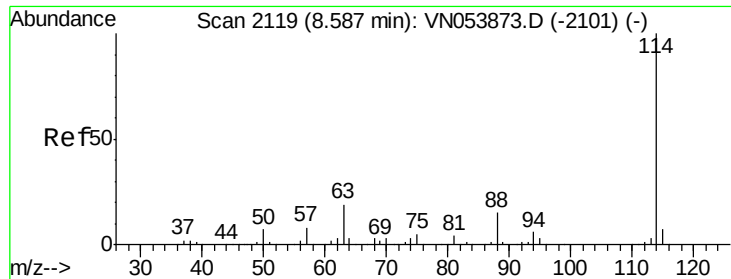
Tot Ion: 84 Resp: 210470
Ion Ratio Lower Upper
84 100
49 113.0 89.7 134.5
51 34.9 27.8 41.8
86 64.7 51.3 76.9



#33
1,2-Dichloroethane-d4
Concen: 52.024 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053897.D
Acq: 21 Feb 2019 17:24

Tgt Ion: 65 Resp: 332821
Ion Ratio Lower Upper
65 100
67 54.8 0.0 111.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-2

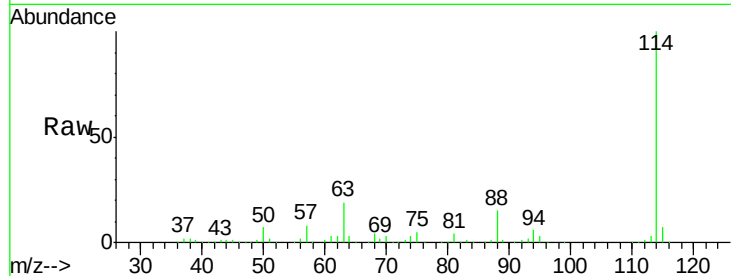
Tot Ion:114 Resp: 1060661

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

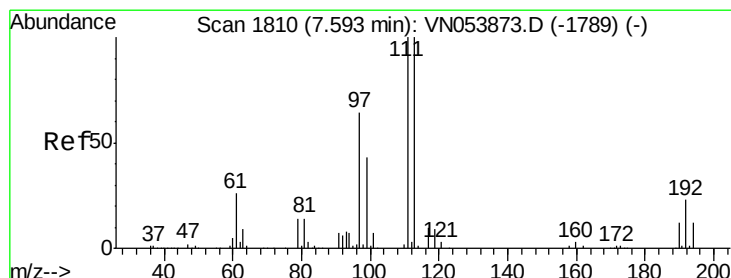
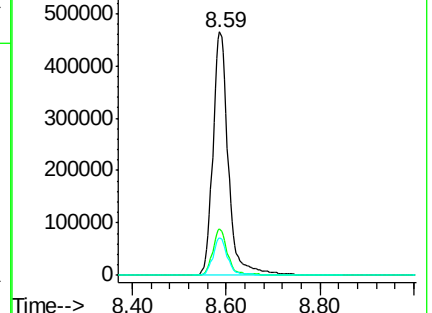
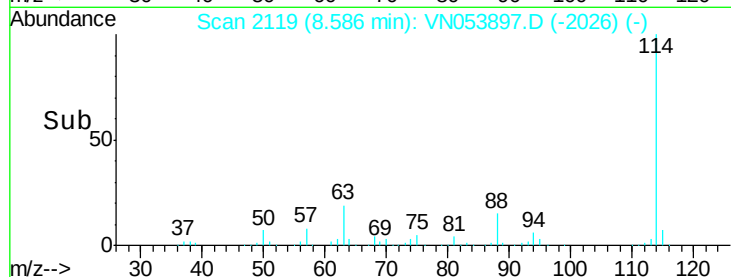
88 15.2 0.0 30.4



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: 48.837 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

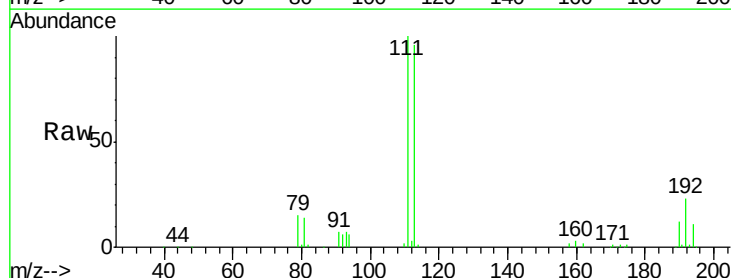
Tgt Ion:113 Resp: 339949

Ion Ratio Lower Upper

113 100

111 103.8 81.1 121.7

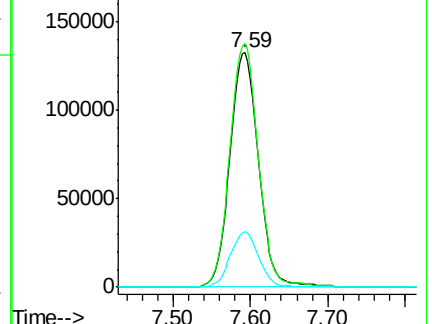
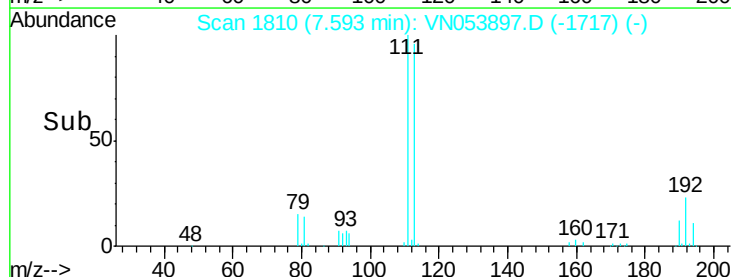
192 23.4 18.8 28.2

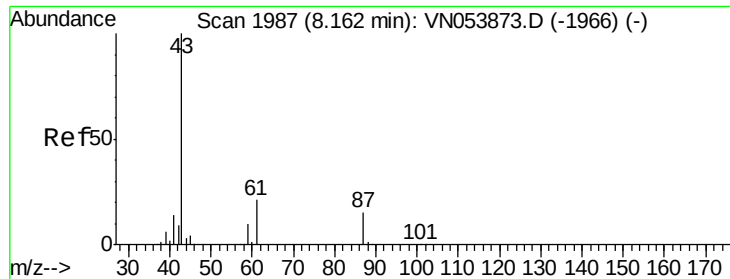


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.919 ug/l

RT: 8.18 min Scan# 1992

Delta R.T. 0.02 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-2

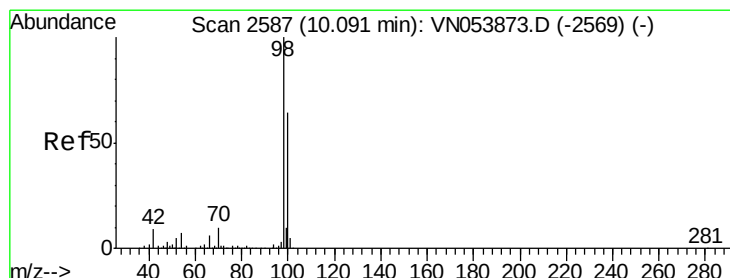
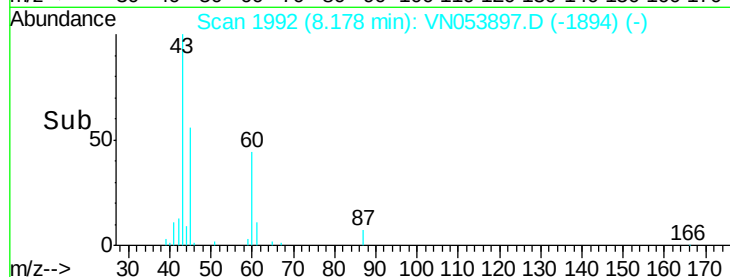
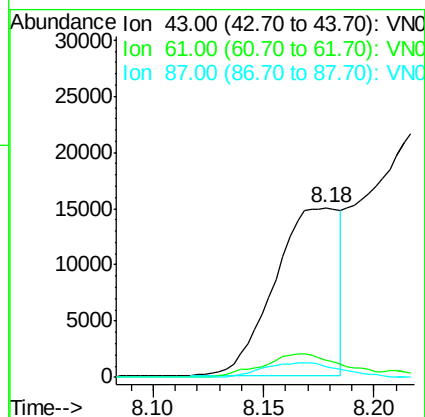
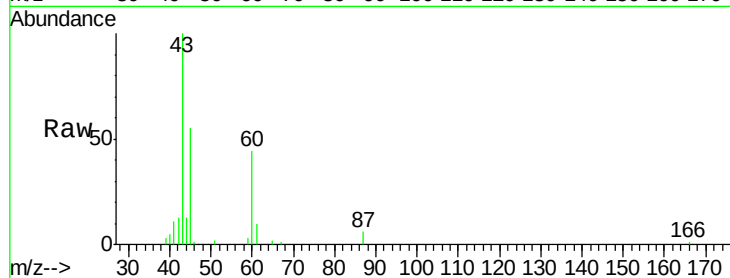
Tot Ion: 43 Resp: 30266

Ion Ratio Lower Upper

43 100

61 17.2 17.4 26.0#

87 10.5 11.5 17.3#



#50

Toluene-d8

Concen: 51.526 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053897.D

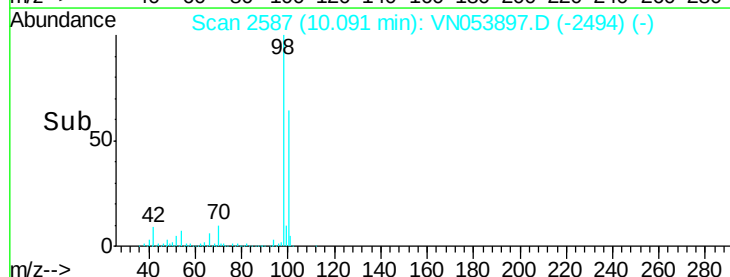
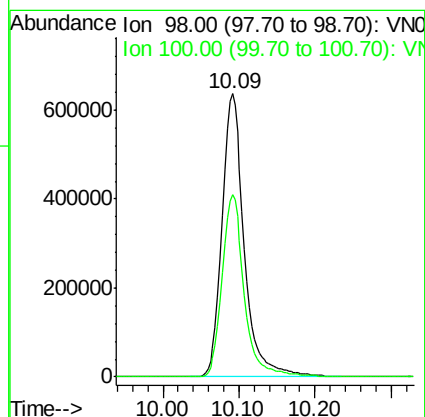
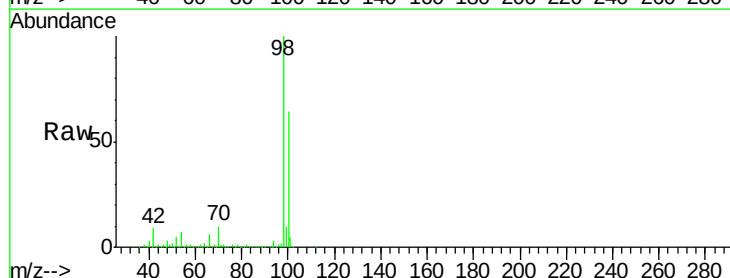
Acq: 21 Feb 2019 17:24

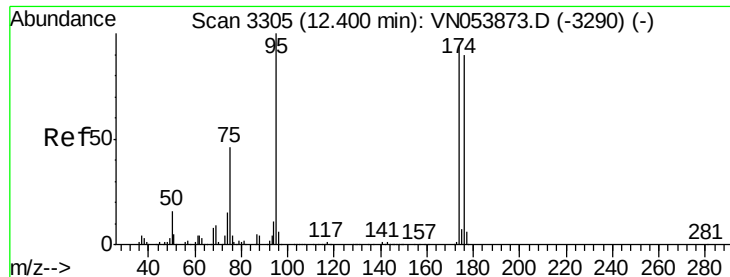
Tgt Ion: 98 Resp: 1295416

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 50.880 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-2

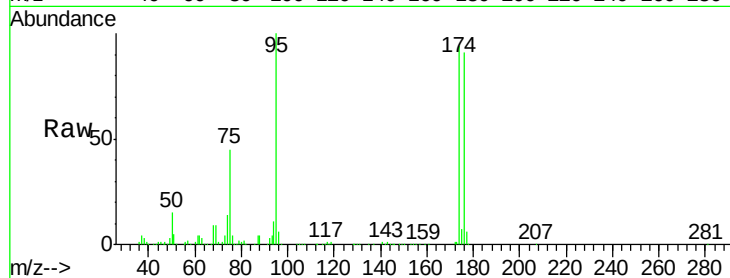
Tot Ion: 95 Resp: 422310

Ion Ratio Lower Upper

95 100

174 95.1 0.0 188.8

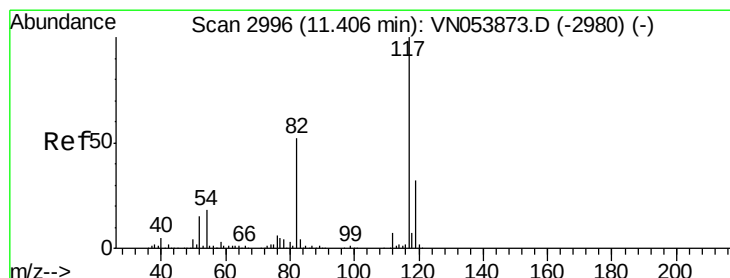
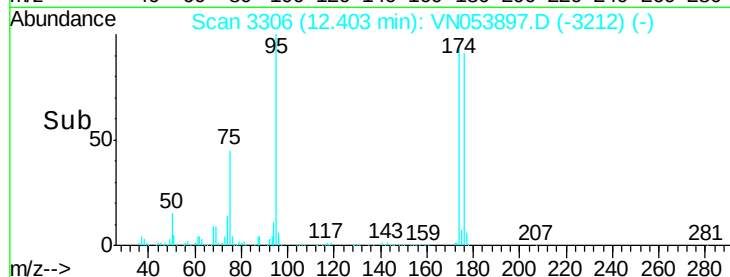
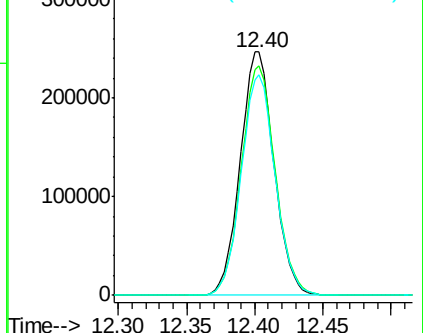
176 91.2 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

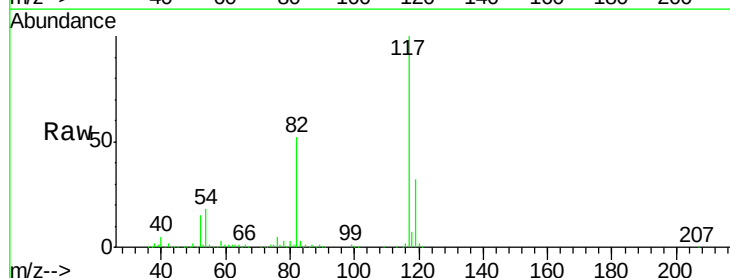
Tgt Ion: 117 Resp: 997326

Ion Ratio Lower Upper

117 100

82 51.7 41.4 62.2

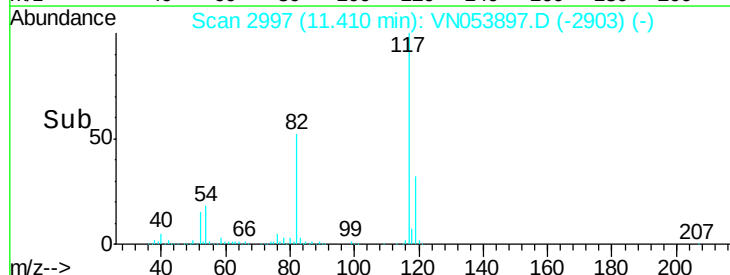
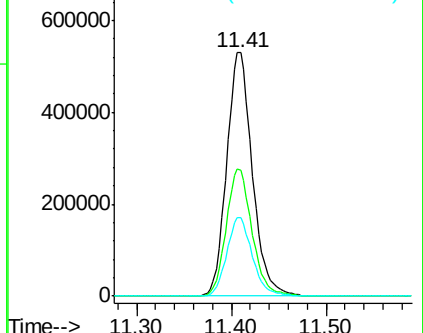
119 32.0 25.3 37.9

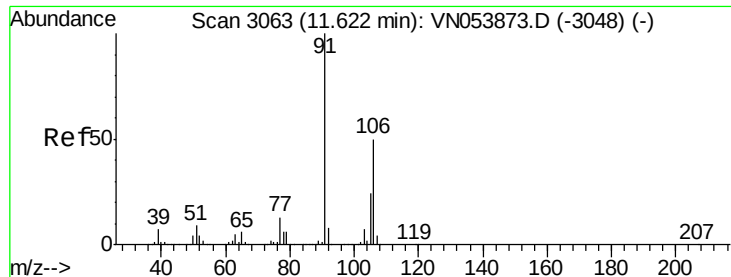


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

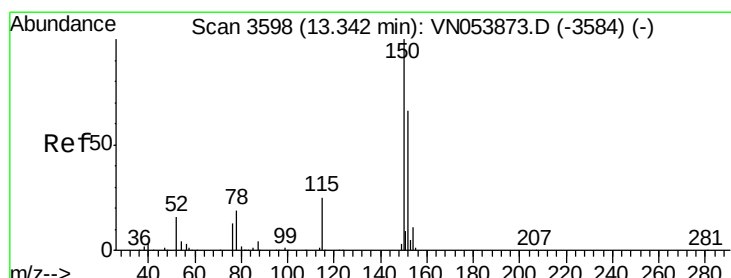
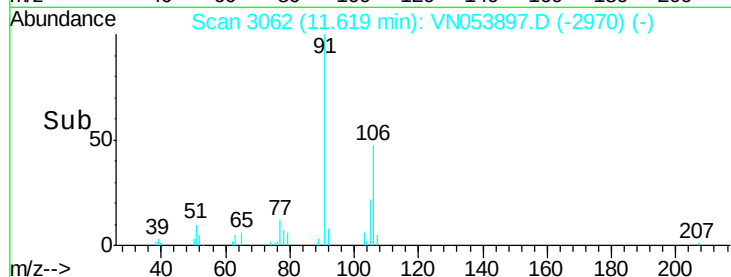
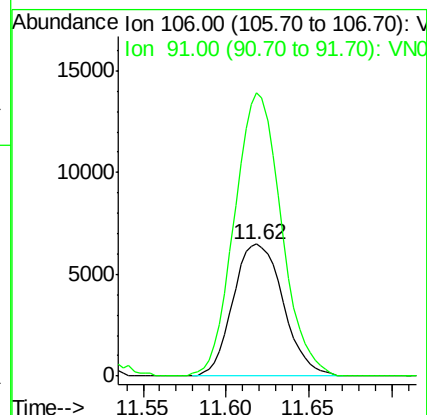
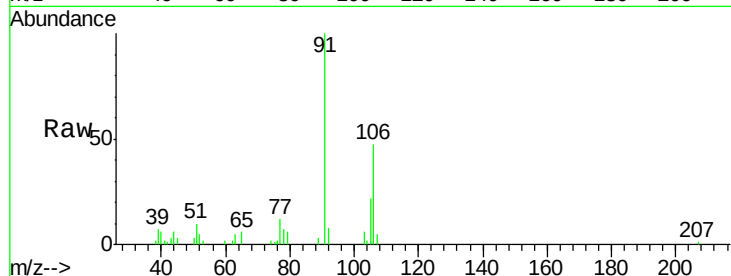




#68
m/p-Xvlenes
Concen: 1.042 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053897.D
Acq: 21 Feb 2019 17:24

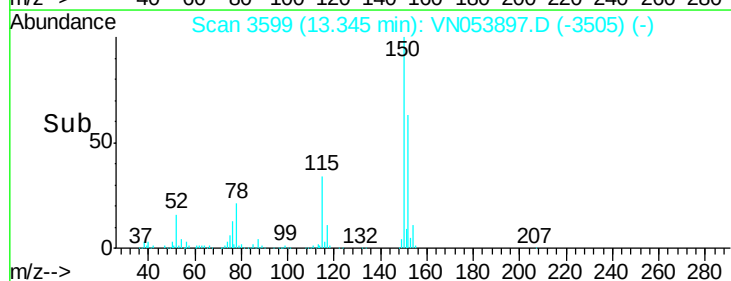
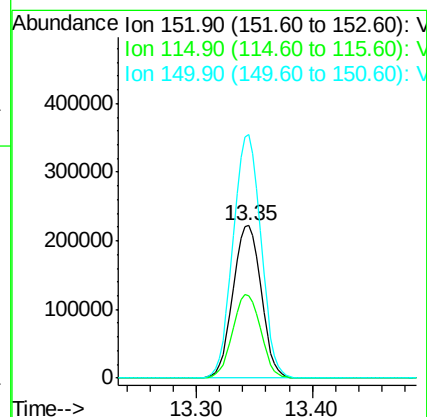
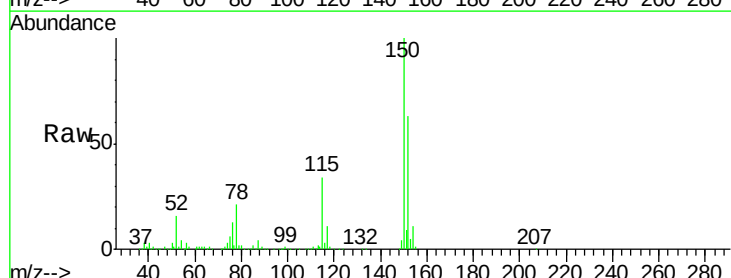
Instrument :
MSVOA_N
ClientSampled :
DRUM-1-2

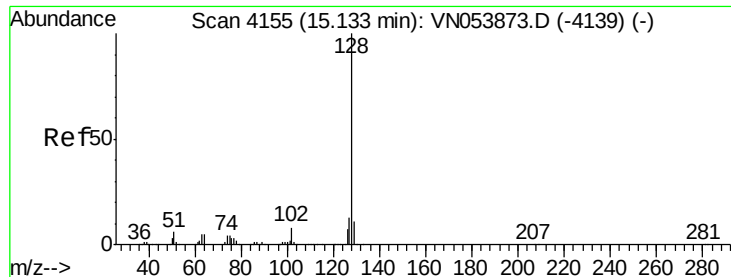
Tot Ion:106 Resp: 13628
Ion Ratio Lower Upper
106 100
91 200.7 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053897.D
Acq: 21 Feb 2019 17:24

Tgt Ion:152 Resp: 372726
Ion Ratio Lower Upper
152 100
115 54.5 27.2 81.6
150 158.1 0.0 348.2





#95

Naphthalene

Concen: 4.920 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-2

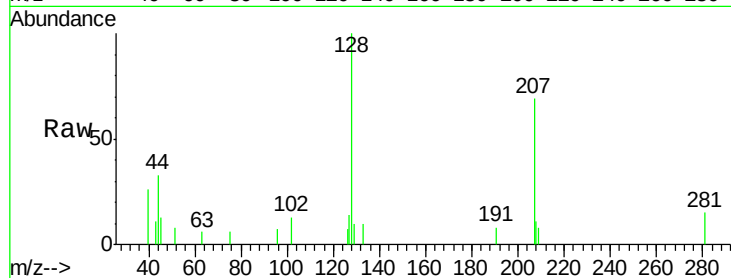
Tot Ion:128 Resp: 5016

Ion Ratio Lower Upper

128 100

127 11.8 10.2 15.2

129 4.8 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

