

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049446.D
 Acq On : 20 Jun 2018 19:38
 Operator : MD\SY
 Sample : J3245-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-061918-A

Quant Time: Jun 21 02:17:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1167137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1849327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1514008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	482352	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	786781	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
35) Dibromofluoromethane	7.59	113	685500	45.82	ug/l	0.00
Spiked Amount			Recovery	=	91.64%	
50) Toluene-d8	10.09	98	2511121	44.08	ug/l	0.00
Spiked Amount			Recovery	=	88.16%	
62) 4-Bromofluorobenzene	12.41	95	654489	34.74	ug/l	0.00
Spiked Amount			Recovery	=	69.48%	

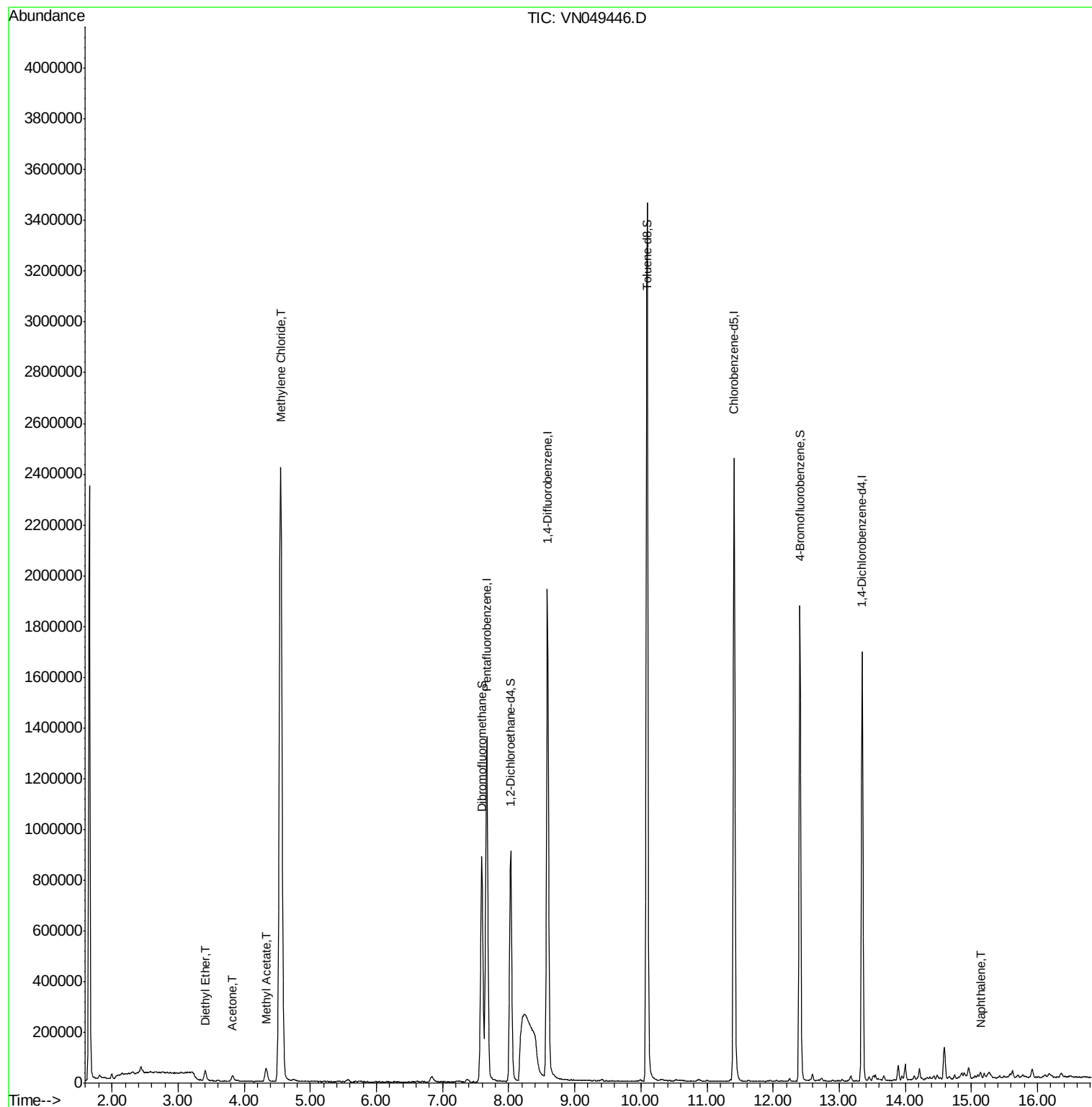
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	19668	2.45	ug/l	92
16) Acetone	3.83	43	35080	9.33	ug/l	98
18) Methyl Acetate	4.33	43	98792	8.62	ug/l	95
20) Methylene Chloride	4.55	84	1878787	119.68	ug/l	91
95) Naphthalene	15.14	128	18828	3.48	ug/l	97

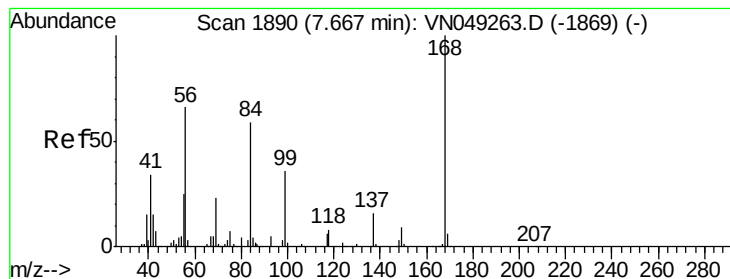
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062018\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049446.D

Acq: 20 Jun 2018 19:38

Instrument :

MSVOA_N

ClientSampled :

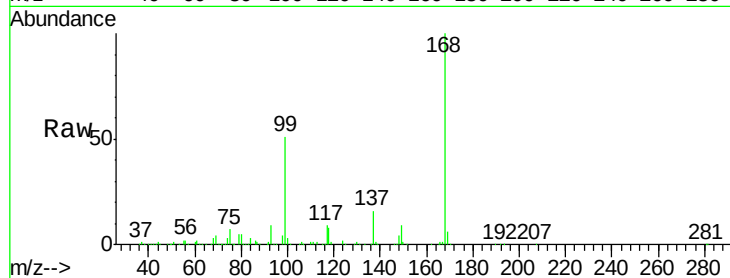
CL-02-061918-A

Tot Ion:168 Resp: 1167137

Ion Ratio Lower Upper

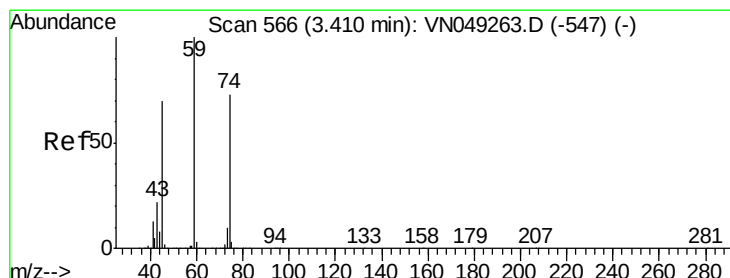
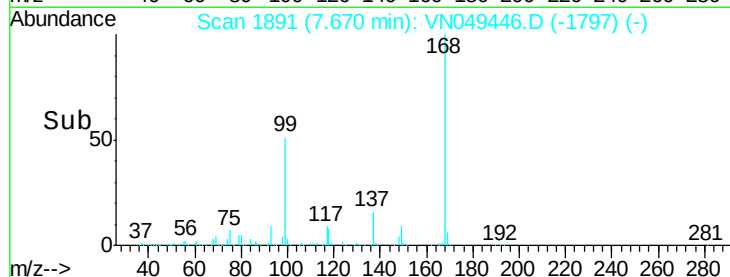
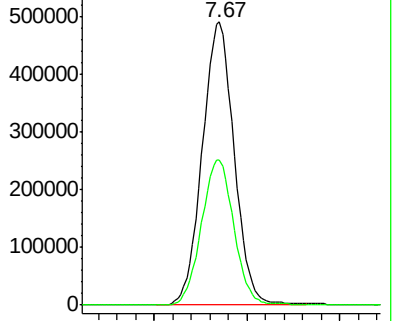
168 100

99 51.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#8

Diethyl Ether

Concen: 2.45 ug/l

RT: 3.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: VN049446.D

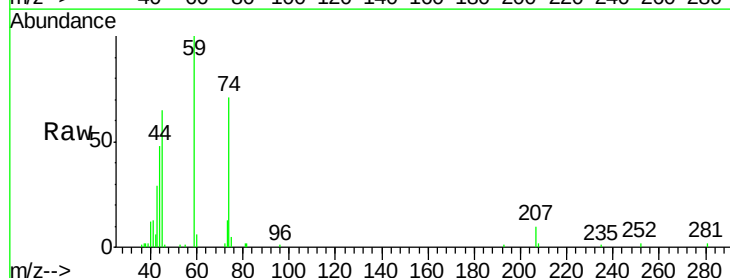
Acq: 20 Jun 2018 19:38

Tgt Ion: 74 Resp: 19668

Ion Ratio Lower Upper

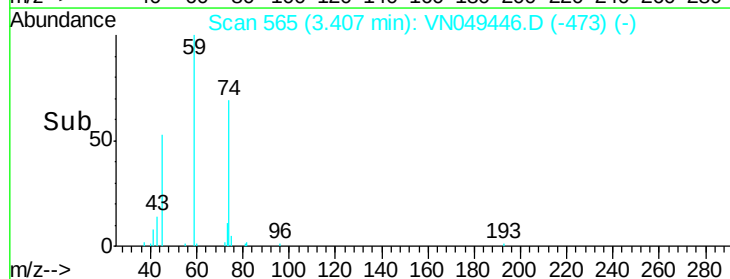
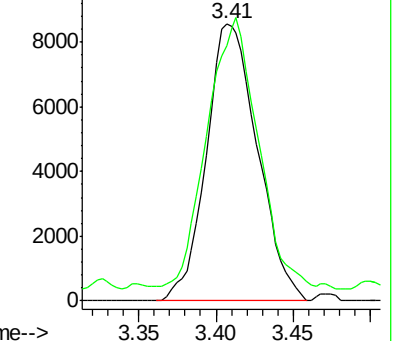
74 100

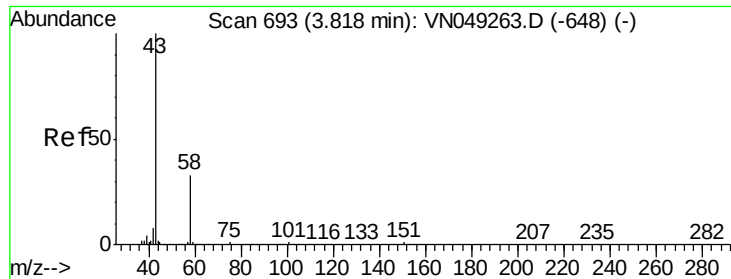
45 95.5 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#16

Acetone

Concen: 9.33 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049446.D

Acq: 20 Jun 2018 19:38

Instrument :

MSVOA_N

ClientSampleId :

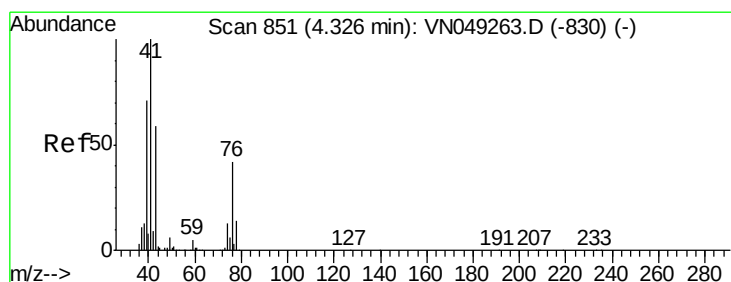
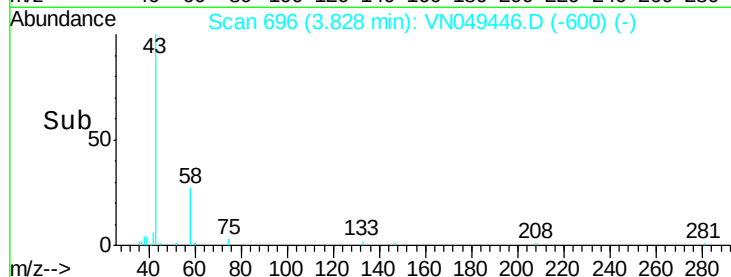
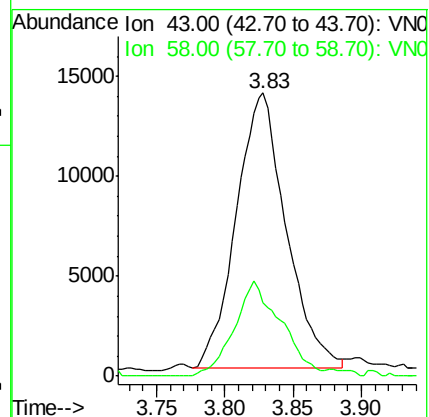
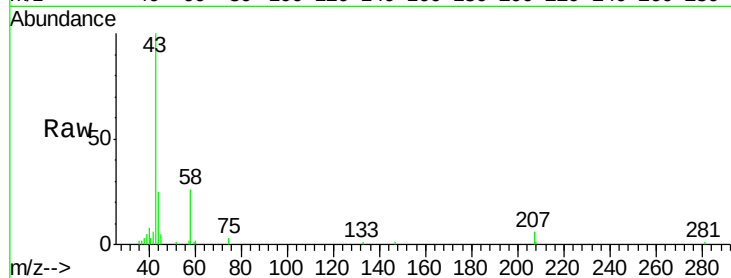
CL-02-061918-A

Tot Ion: 43 Resp: 35080

Ion Ratio Lower Upper

43 100

58 26.8 22.4 33.6



#18

Methyl Acetate

Concen: 8.62 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049446.D

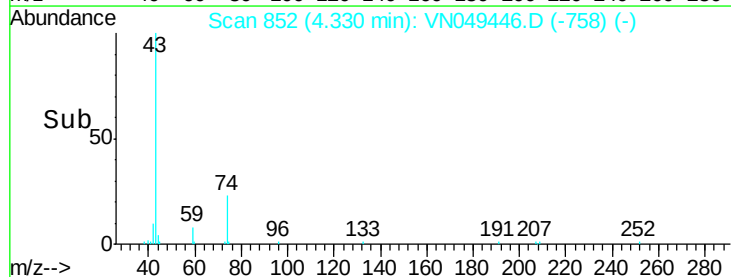
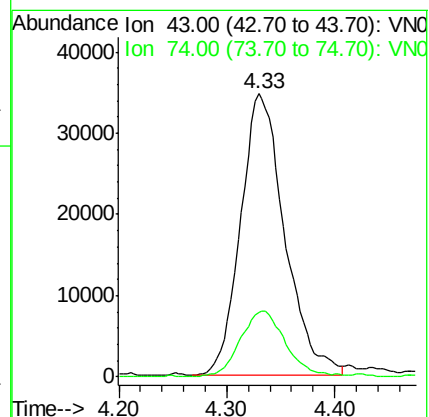
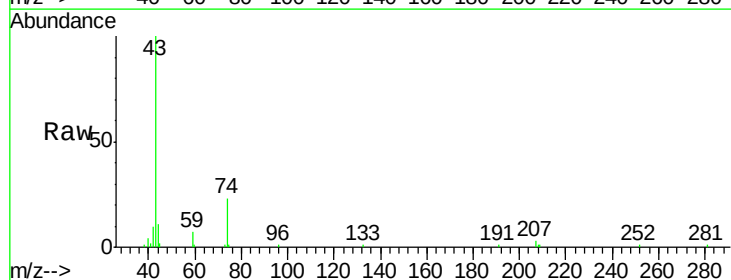
Acq: 20 Jun 2018 19:38

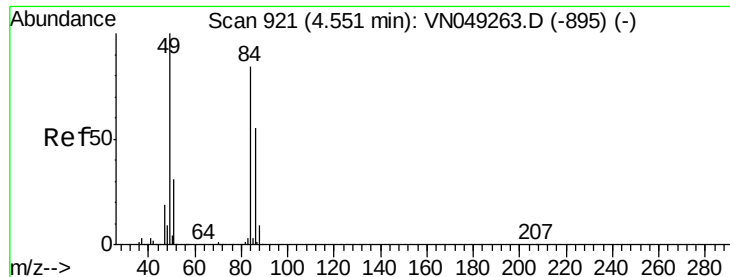
Tgt Ion: 43 Resp: 98792

Ion Ratio Lower Upper

43 100

74 23.9 17.4 26.0



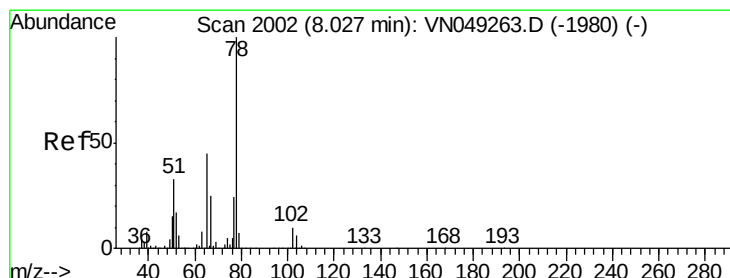
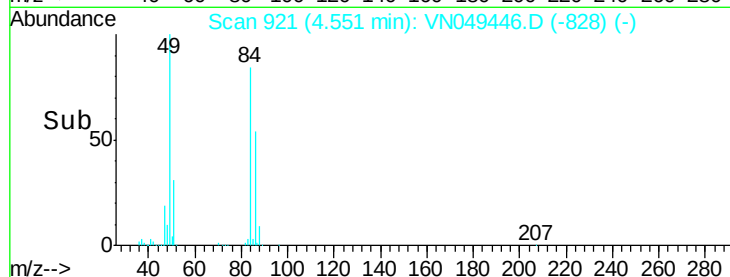
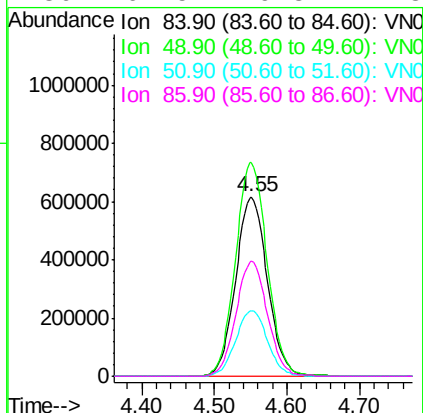
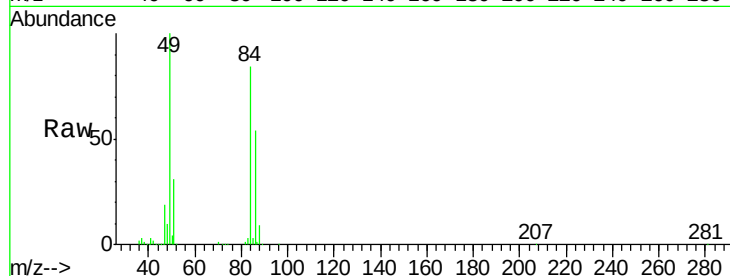


#20
Methylene Chloride
Concen: 119.68 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049446.D
Acq: 20 Jun 2018 19:38

Instrument :
MSVOA_N
ClientSampleId :
CL-02-061918-A

Tot Ion: 84 Resp: 1878787

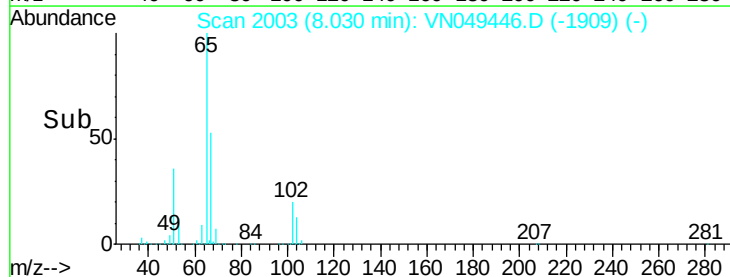
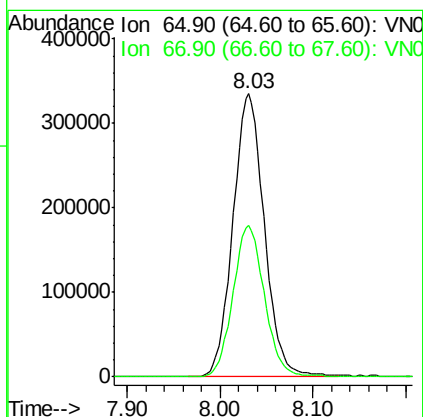
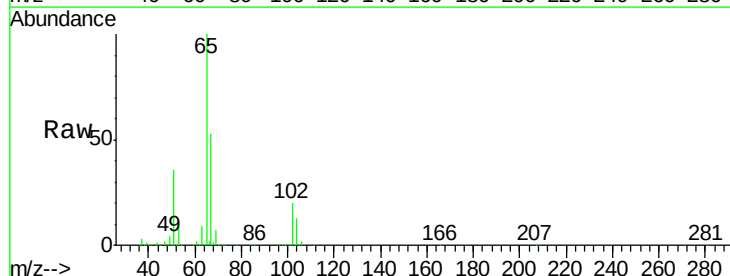
Ion	Ratio	Lower	Upper
84	100		
49	119.2	106.9	160.3
51	36.7	32.7	49.1
86	64.5	49.8	74.8

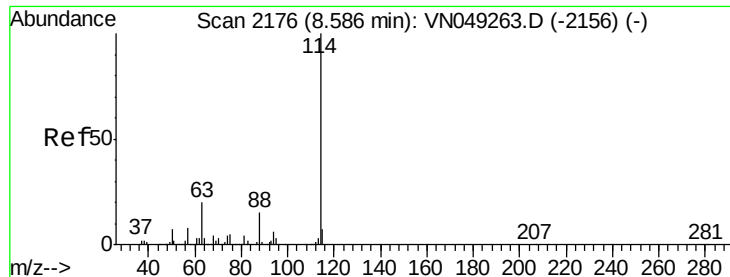


#33
1,2-Dichloroethane-d4
Concen: 50.83 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049446.D
Acq: 20 Jun 2018 19:38

Tgt Ion: 65 Resp: 786781

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049446.D

Acq: 20 Jun 2018 19:38

Instrument :

MSVOA_N

ClientSampleId :

CL-02-061918-A

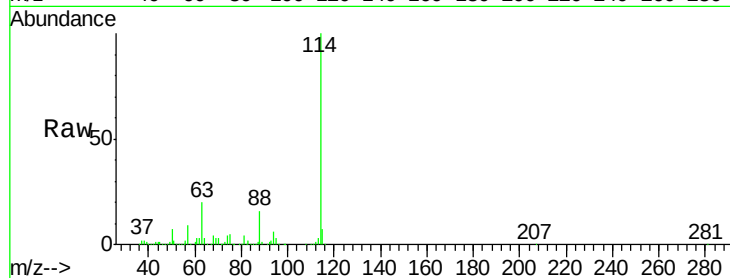
Tot Ion:114 Resp: 1849327

Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.4

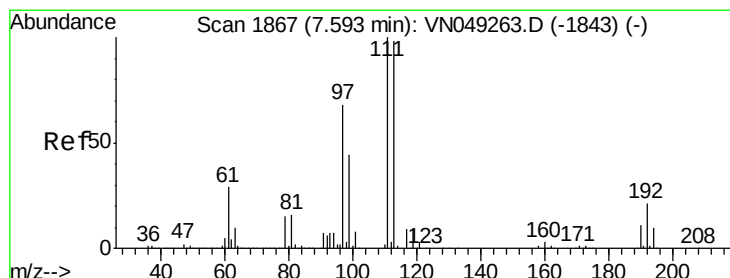
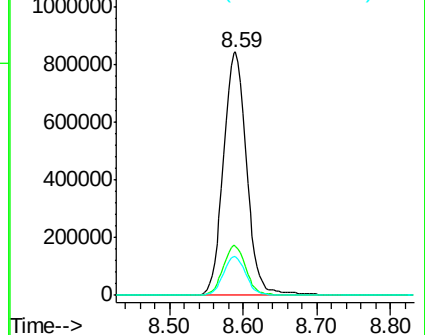
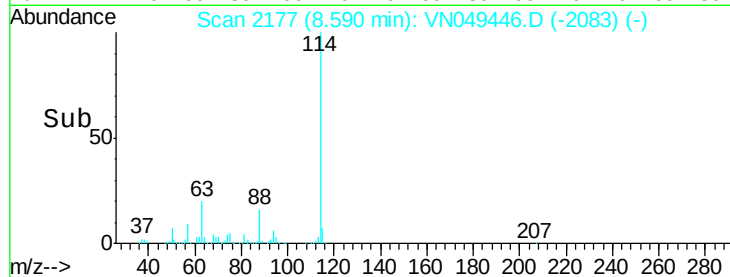
88 15.8 0.0 31.4



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: 45.82 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049446.D

Acq: 20 Jun 2018 19:38

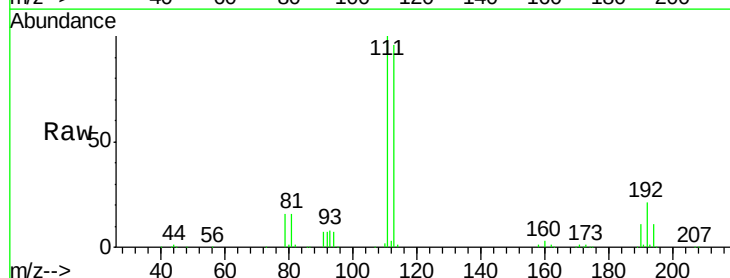
Tgt Ion:113 Resp: 685500

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

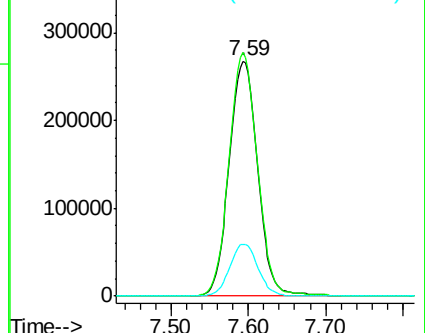
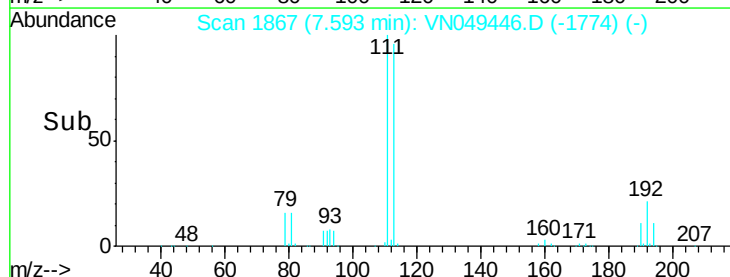
192 21.9 15.0 22.6

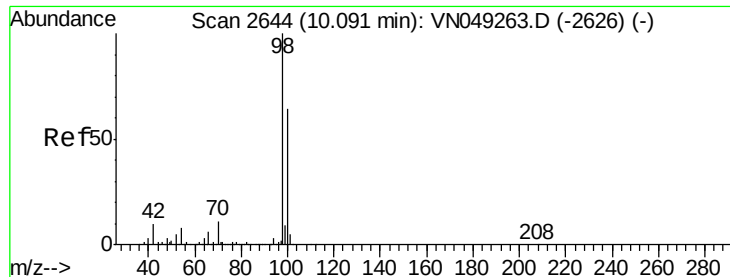


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.08 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049446.D

Acq: 20 Jun 2018 19:38

Instrument :

MSVOA_N

ClientSampleId :

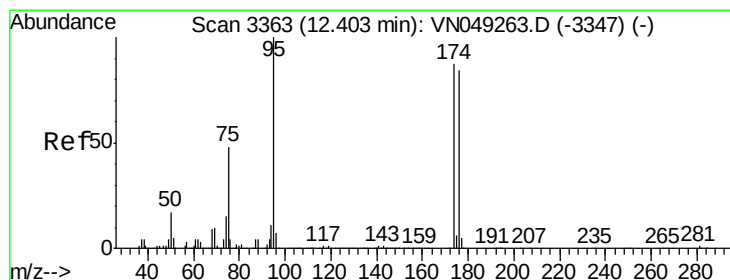
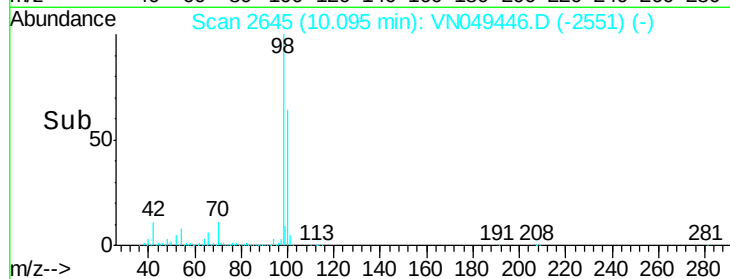
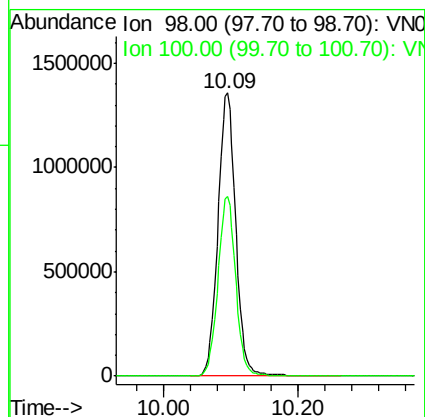
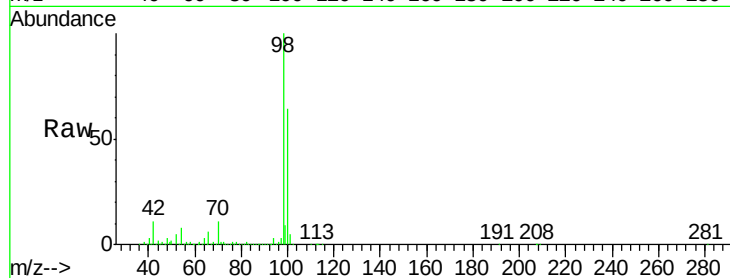
CL-02-061918-A

Tot Ion: 98 Resp: 2511121

Ion Ratio Lower Upper

98 100

100 63.3 49.8 74.8



#62

4-Bromofluorobenzene

Concen: 34.74 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049446.D

Acq: 20 Jun 2018 19:38

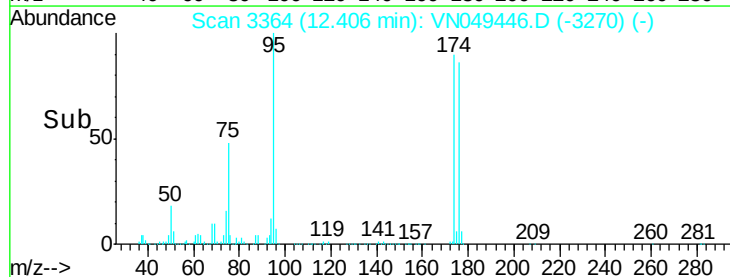
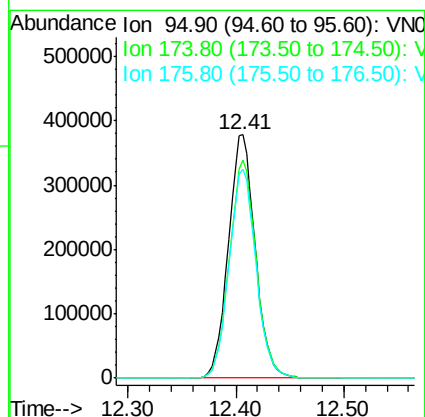
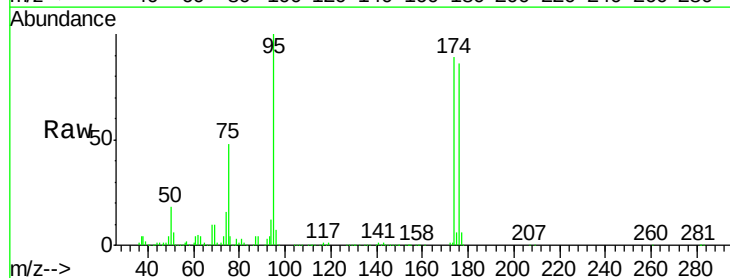
Tgt Ion: 95 Resp: 654489

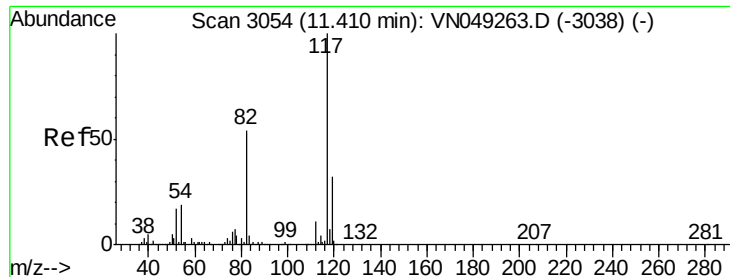
Ion Ratio Lower Upper

95 100

174 89.9 0.0 165.6

176 86.0 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049446.D

Acq: 20 Jun 2018 19:38

Instrument :

MSVOA_N

ClientSampleId :

CL-02-061918-A

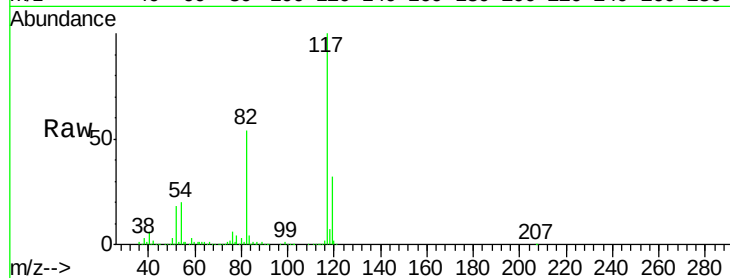
Tot Ion:117 Resp: 1514008

Ion Ratio Lower Upper

117 100

82 53.8 45.9 68.9

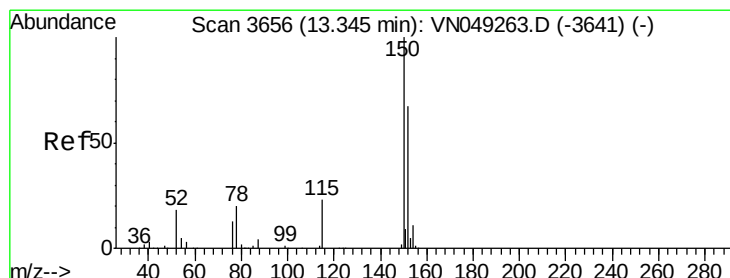
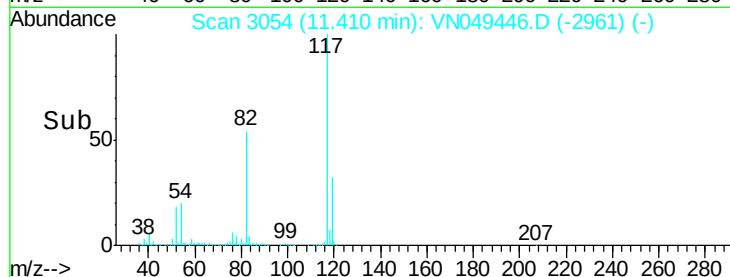
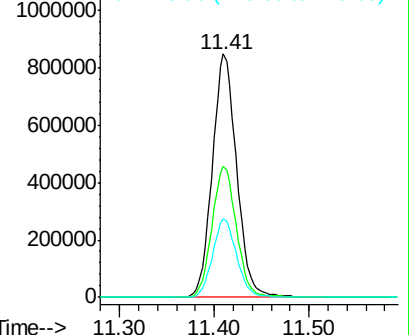
119 32.4 25.5 38.3



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# 3657

Delta R.T. 0.00 min

Lab File: VN049446.D

Acq: 20 Jun 2018 19:38

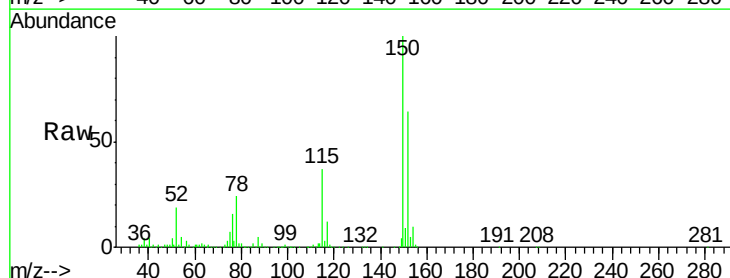
Tgt Ion:152 Resp: 482352

Ion Ratio Lower Upper

152 100

115 57.3 28.7 86.1

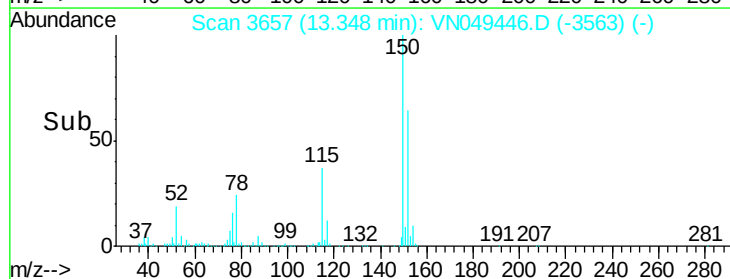
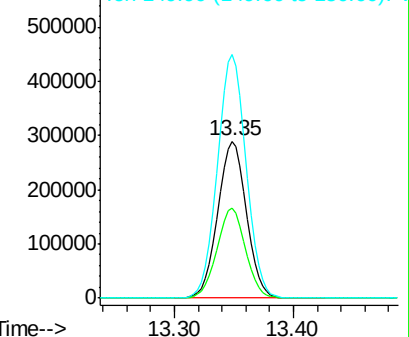
150 155.5 0.0 351.0

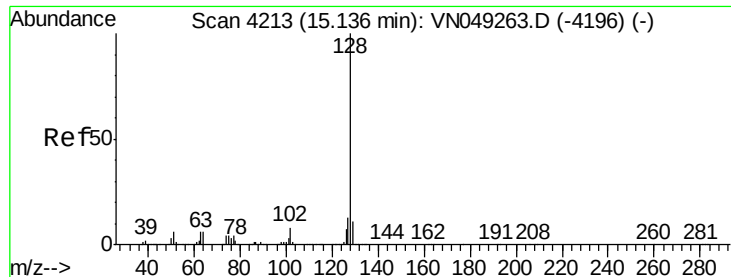


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.48 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049446.D

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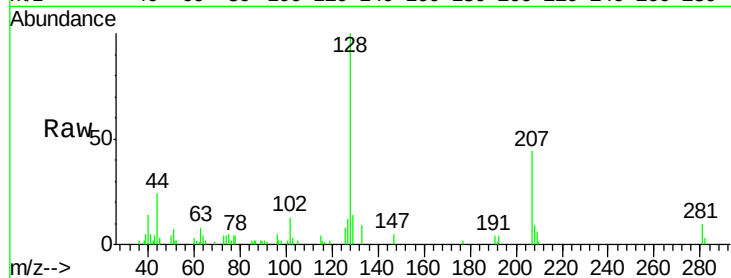
Tot Ion:128 Resp: 18828

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 11.9 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

