

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049413.D
 Acq On : 20 Jun 2018 4:04
 Operator : MD\SY
 Sample : PB110363ZHE#20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110363ZHE#20

Quant Time: Jun 20 08:38:33 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

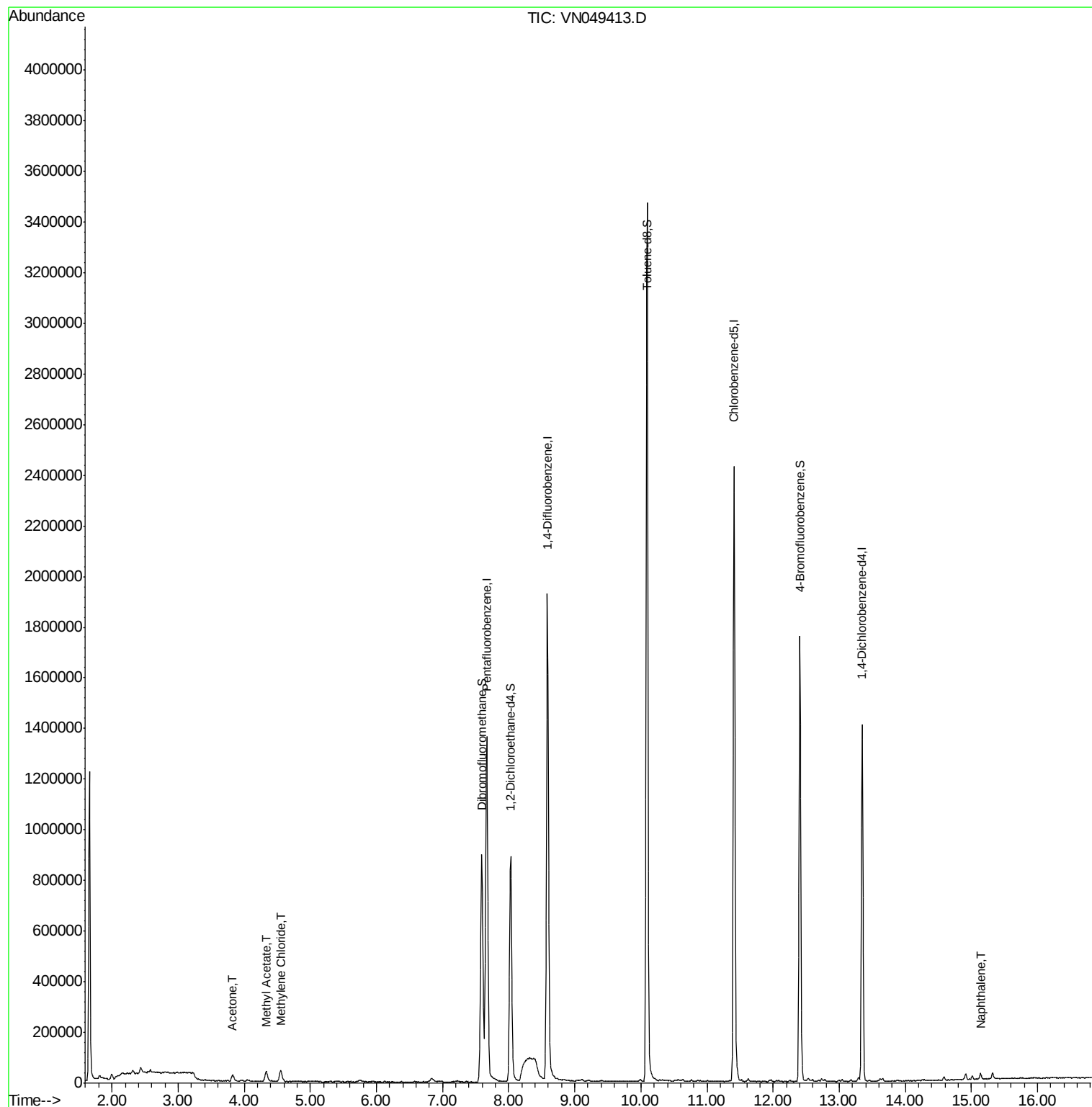
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1186278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1830822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1511049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	408376	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	774008	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
35) Dibromofluoromethane	7.59	113	692146	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
50) Toluene-d8	10.09	98	2524900	44.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.54%	
62) 4-Bromofluorobenzene	12.41	95	624911	33.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.02%	
Target Compounds						
16) Acetone	3.83	43	42271	11.065	ug/l	93
18) Methyl Acetate	4.33	43	81000	6.954	ug/l	96
20) Methylene Chloride	4.55	84	32347	2.027	ug/l	86
95) Naphthalene	15.14	128	16674	3.548	ug/l	98

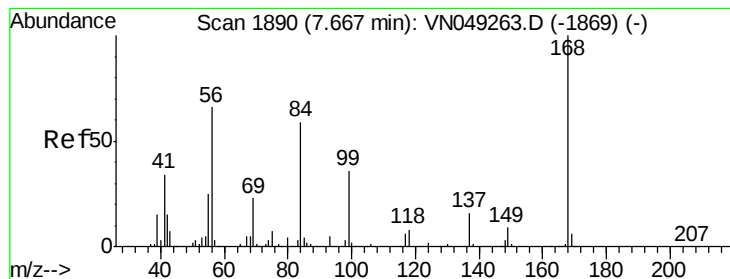
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

Instrument :

MSVOA_N

ClientSampleId :

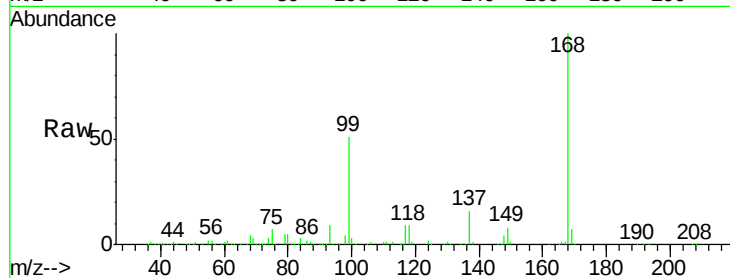
PB110363ZHE#20

Tot Ion:168 Resp: 1186278

Ion Ratio Lower Upper

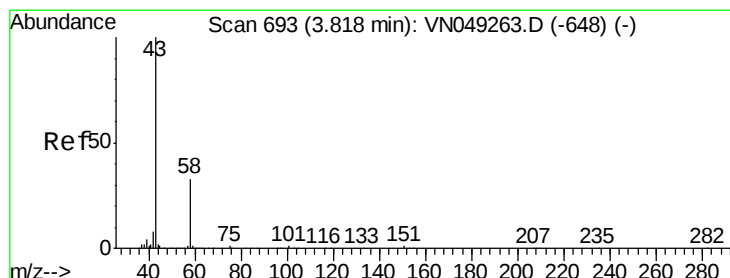
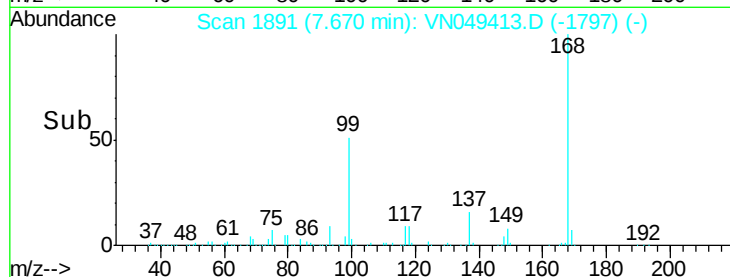
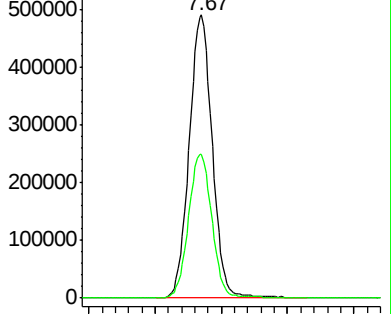
168 100

99 50.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 11.065 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049413.D

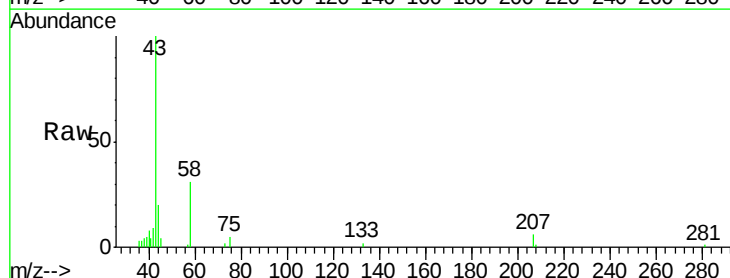
Acq: 20 Jun 2018 4:04

Tgt Ion: 43 Resp: 42271

Ion Ratio Lower Upper

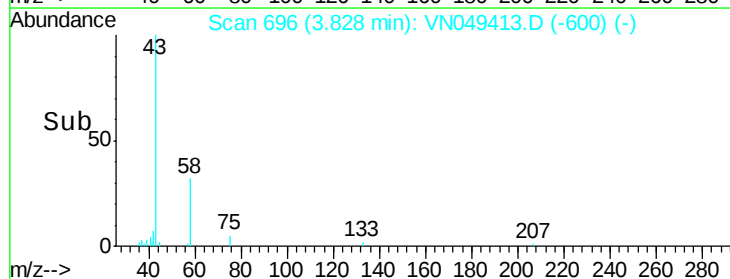
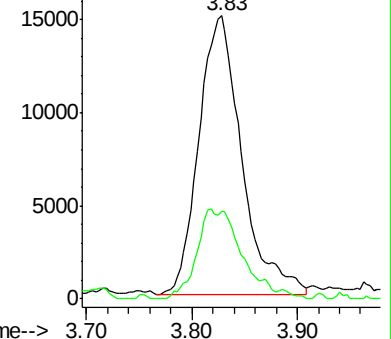
43 100

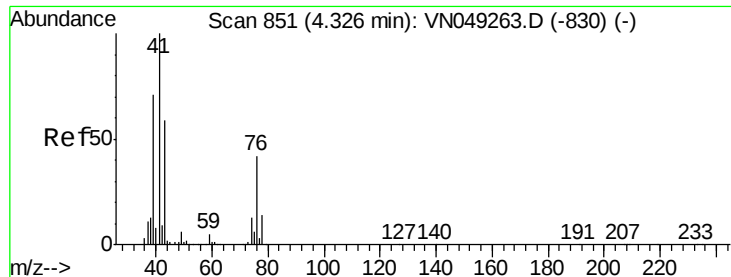
58 31.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

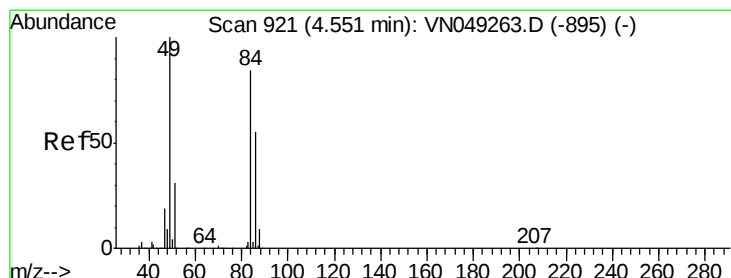
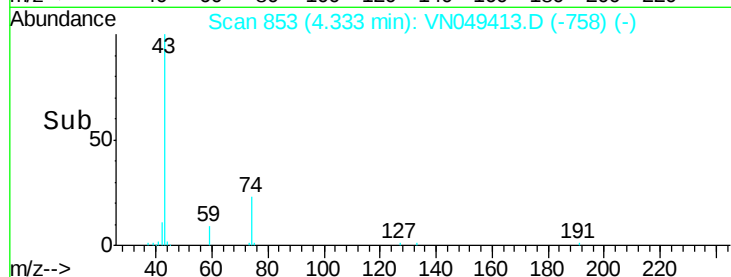
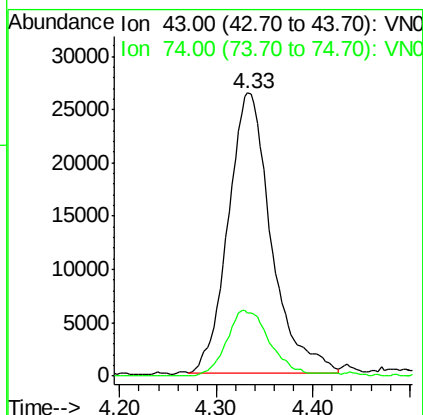
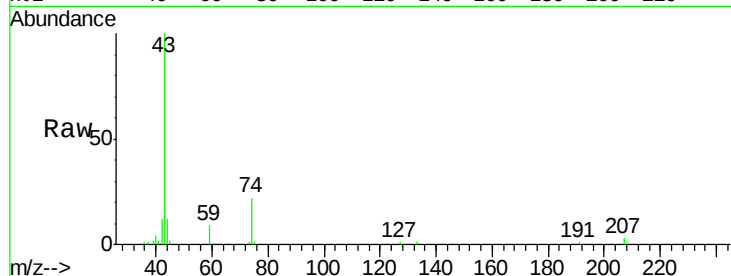




#18
Methvl Acetate
Concen: 6.954 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049413.D
Acq: 20 Jun 2018 4:04

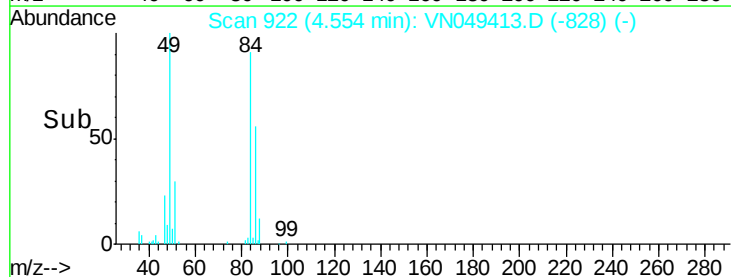
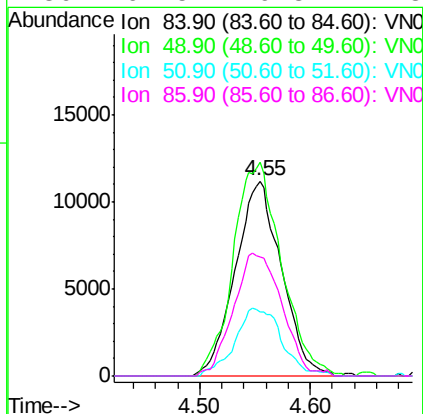
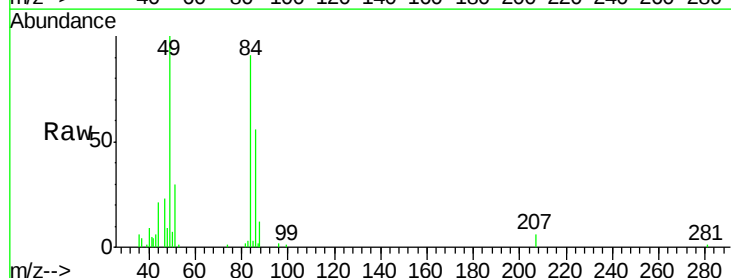
Instrument :
MSVOA_N
ClientSampleId :
PB110363ZHE#20

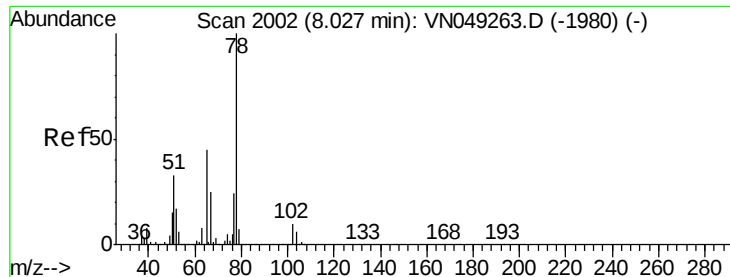
Tot Ion: 43 Resp: 81000
Ion Ratio Lower Upper
43 100
74 23.6 17.4 26.0



#20
Methylene Chloride
Concen: 2.027 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049413.D
Acq: 20 Jun 2018 4:04

Tgt Ion: 84 Resp: 32347
Ion Ratio Lower Upper
84 100
49 109.8 106.9 160.3
51 33.2 32.7 49.1
86 61.5 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 49.193 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

Instrument :

MSVOA_N

ClientSampleId :

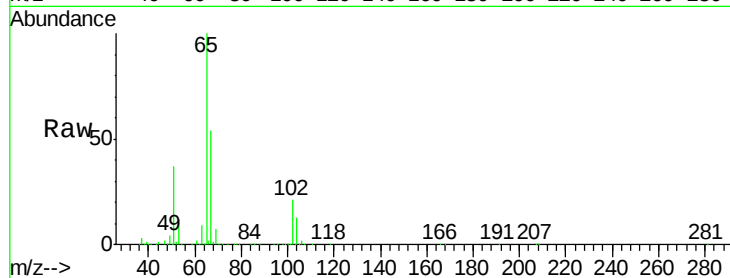
PB110363ZHE#20

Tot Ion: 65 Resp: 774008

Ion Ratio Lower Upper

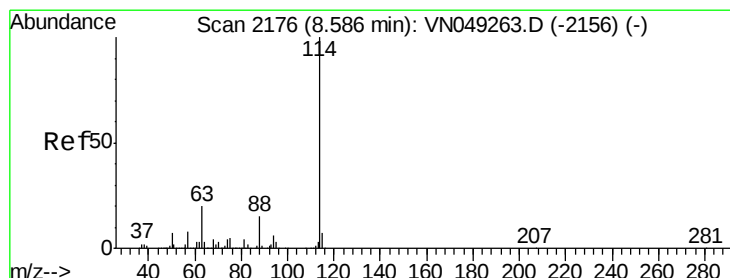
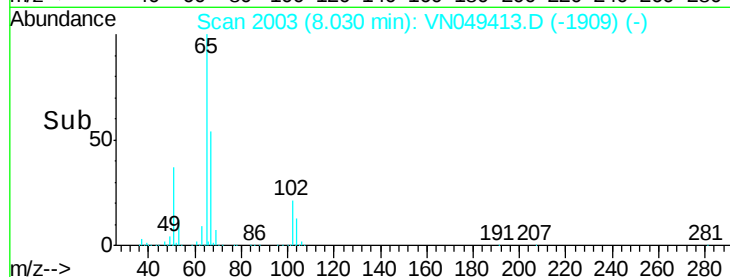
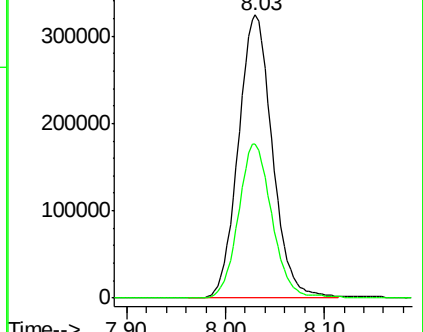
65 100

67 53.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049413.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049413.D (-1980) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

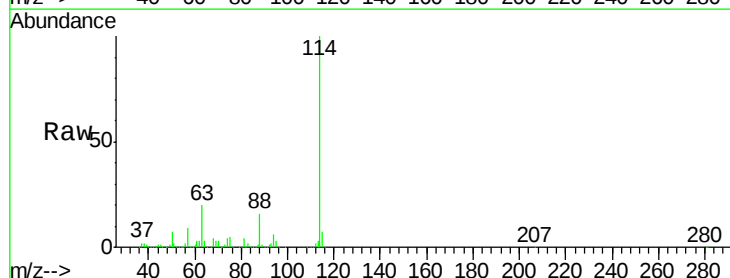
Tgt Ion: 114 Resp: 1830822

Ion Ratio Lower Upper

114 100

63 19.7 0.0 44.4

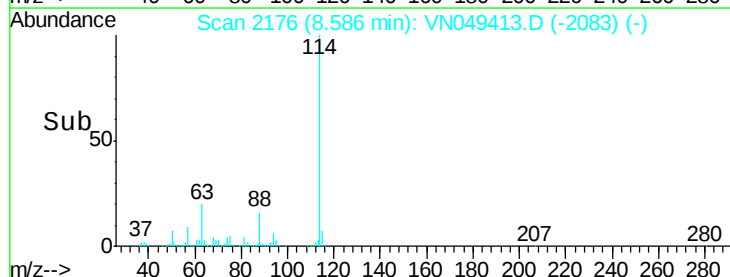
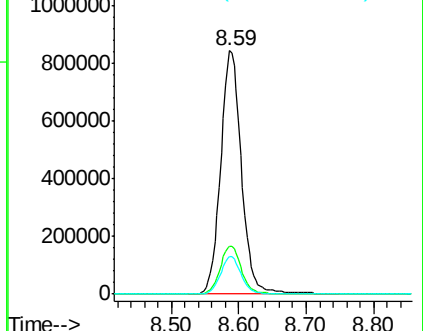
88 15.5 0.0 31.4

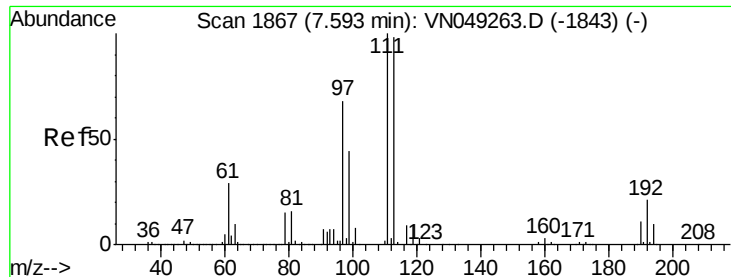


Abundance Ion 113.90 (113.60 to 114.60): VN049413.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049413.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049413.D (-2156) (-)

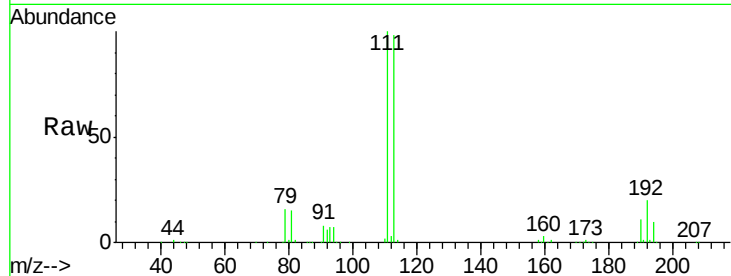




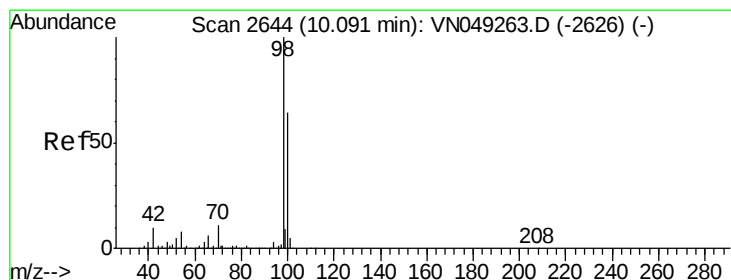
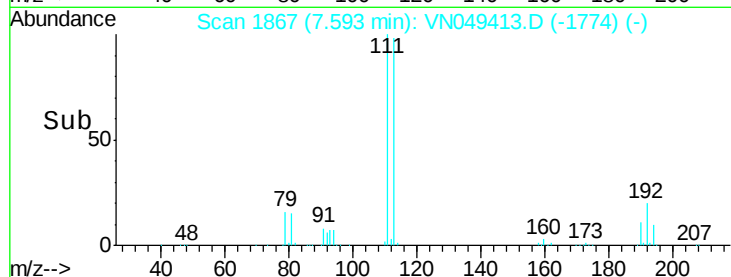
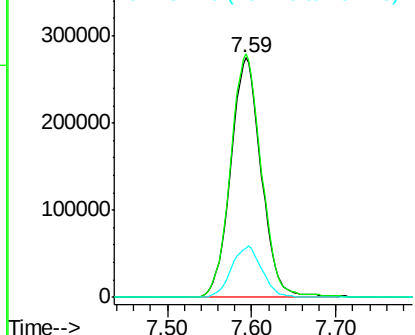
#35
Dibromofluoromethane
Concen: 46.728 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN049413.D
Acq: 20 Jun 2018 4:04

Instrument :
MSVOA_N
ClientSampleId :
PB110363ZHE#20

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	21.3	15.0	22.6

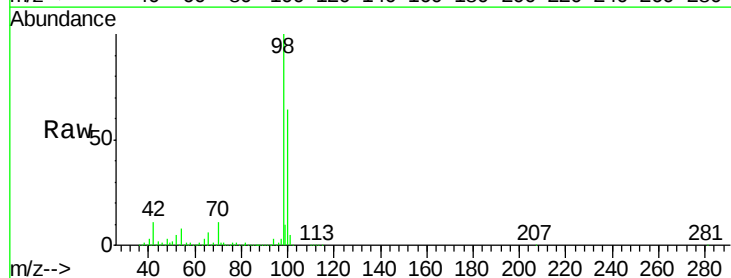


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

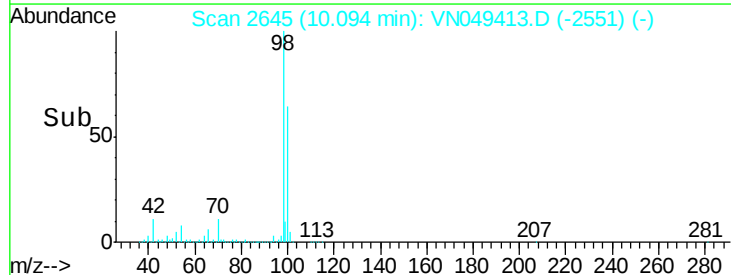
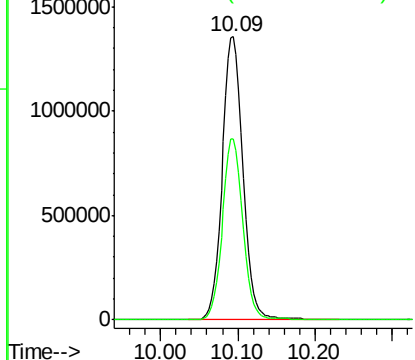


#50
Toluene-d8
Concen: 44.768 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049413.D
Acq: 20 Jun 2018 4:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	49.8	74.8



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 33.510 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

Instrument :

MSVOA_N

ClientSampleId :

PB110363ZHE#20

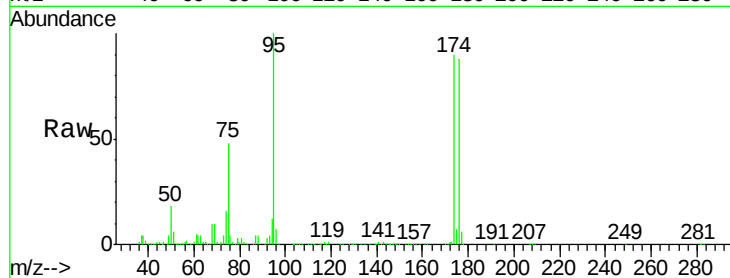
Tot Ion: 95 Resp: 624911

Ion Ratio Lower Upper

95 100

174 89.1 0.0 165.6

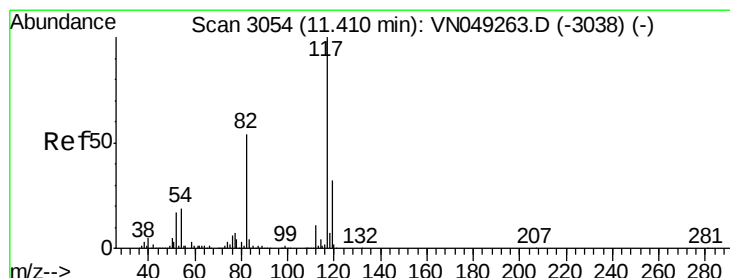
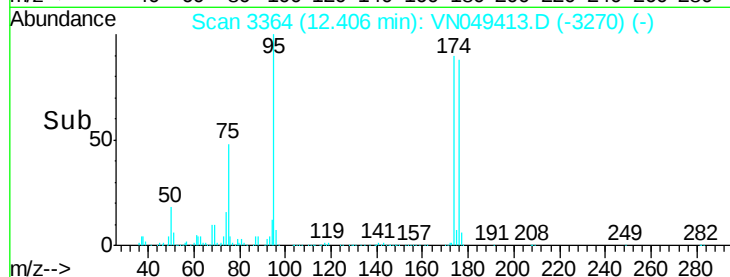
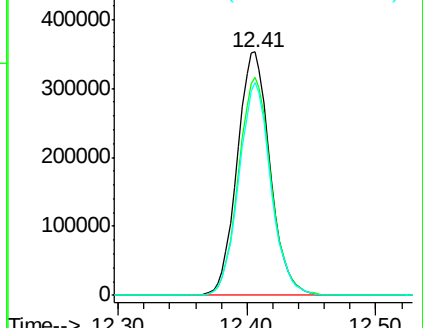
176 85.2 0.0 157.4



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# 3054

Delta R.T. -0.00 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

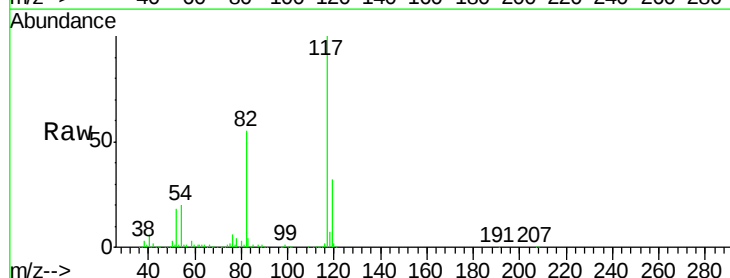
Tgt Ion: 117 Resp: 1511049

Ion Ratio Lower Upper

117 100

82 54.6 45.9 68.9

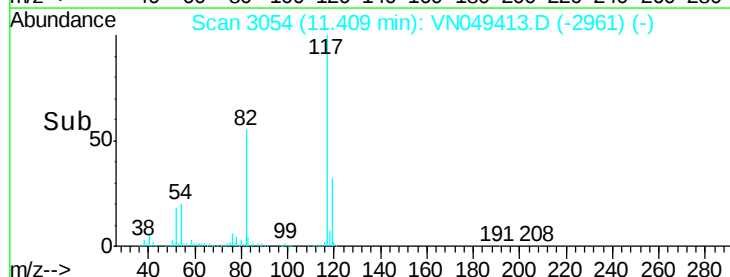
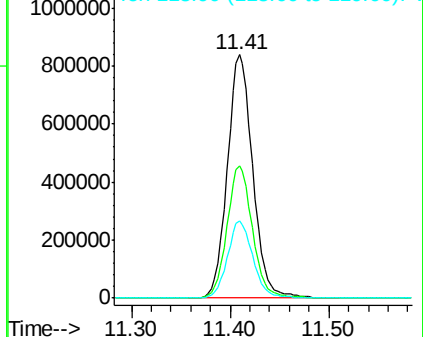
119 32.0 25.5 38.3

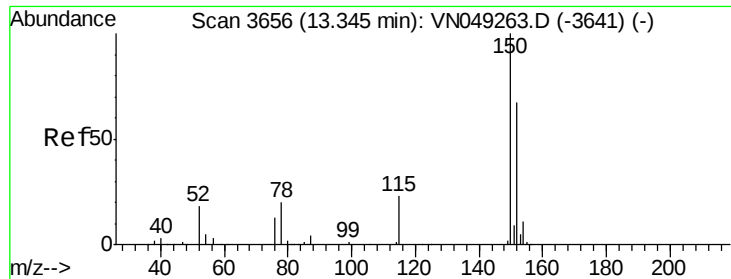


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

Instrument :

MSVOA_N

ClientSampleId :

PB110363ZHE#20

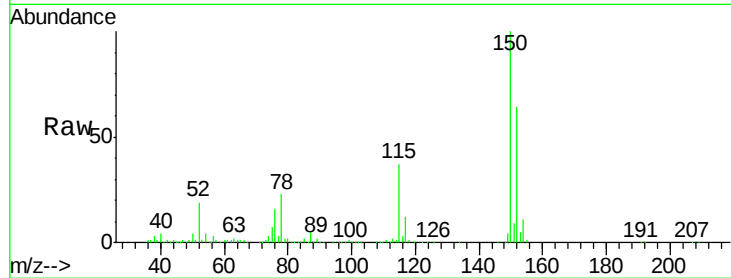
Tot Ion:152 Resp: 408376

Ion Ratio Lower Upper

152 100

115 57.3 28.7 86.1

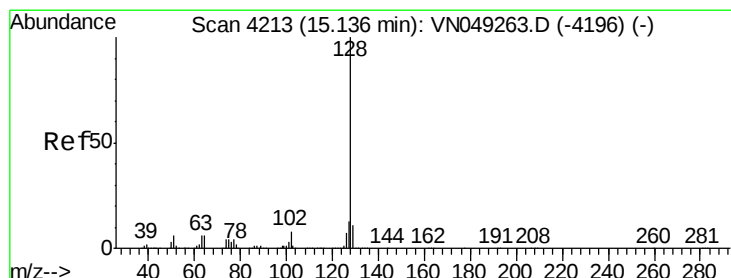
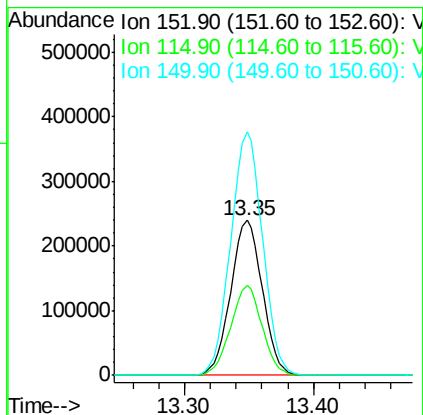
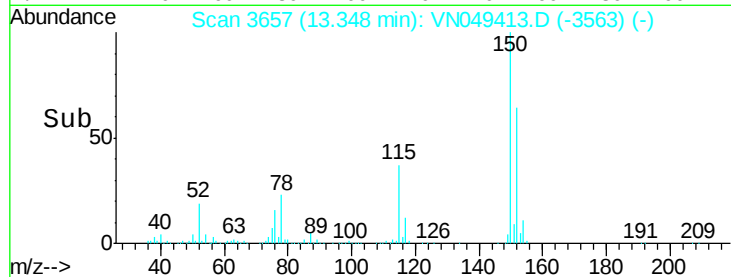
150 158.4 0.0 351.0



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: 3.548 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

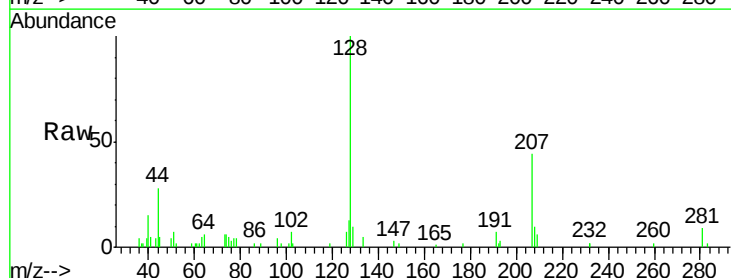
Tgt Ion:128 Resp: 16674

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 12.2 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

