

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049591.D
 Acq On : 28 Jun 2018 15:50
 Operator : MD\SY
 Sample : PB110627ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#14

Quant Time: Jun 29 03:20:03 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	1191028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1915049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1577388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	608592	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	794490	50.29	ug/l	0.00
Spiked Amount						
			Recovery	=	100.58%	
35) Dibromofluoromethane	7.59	113	656317	42.36	ug/l	0.00
Spiked Amount						
			Recovery	=	84.72%	
50) Toluene-d8	10.09	98	2563773	43.46	ug/l	0.00
Spiked Amount						
			Recovery	=	86.92%	
62) 4-Bromofluorobenzene	12.40	95	747445	38.32	ug/l	0.00
Spiked Amount						
			Recovery	=	76.64%	

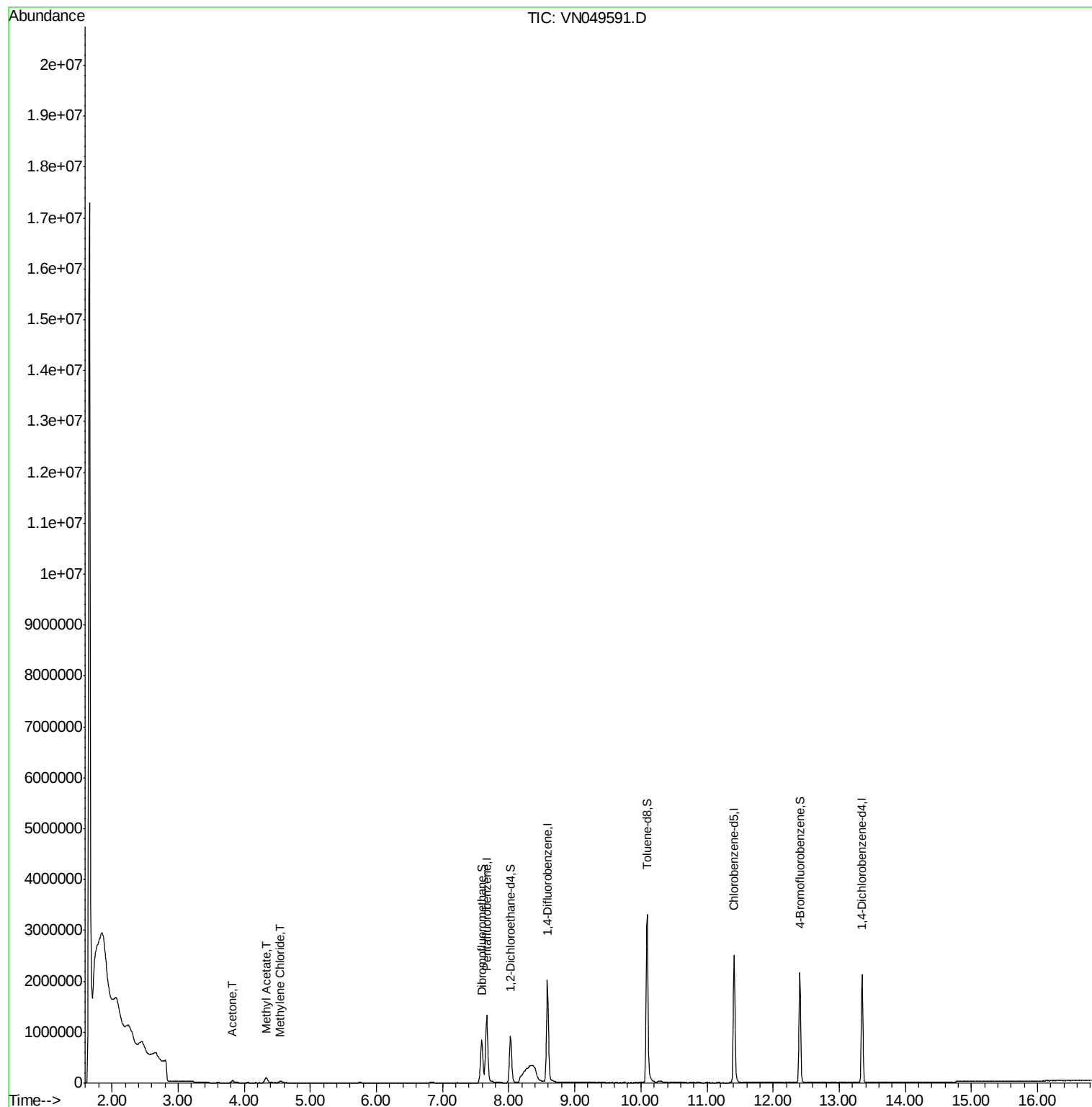
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	76544	19.96	ug/l	90
18) Methyl Acetate	4.33	43	203170	17.37	ug/l	97
20) Methylene Chloride	4.55	84	20267	1.27	ug/l	92

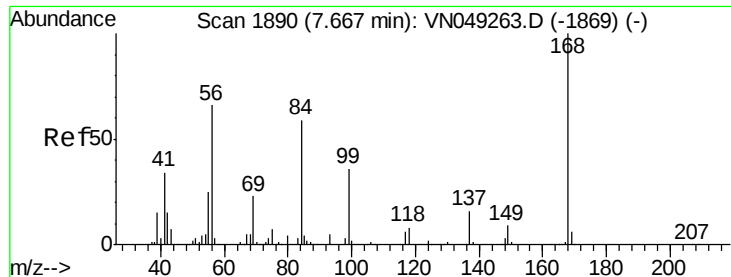
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049591.D

Acq: 28 Jun 2018 15:50

Instrument :

MSVOA_N

ClientSampleId :

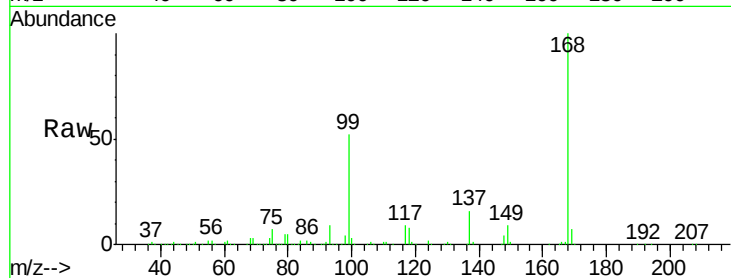
PB110627ZHE#14

Tot Ion:168 Resp: 1191028

Ion Ratio Lower Upper

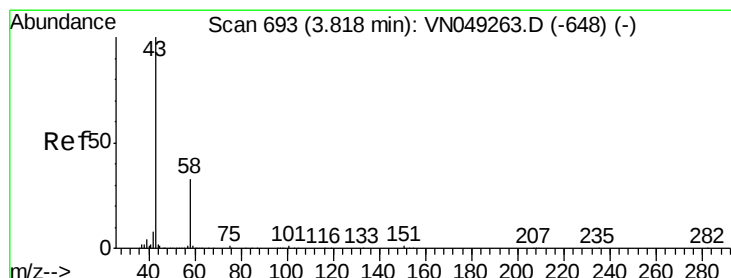
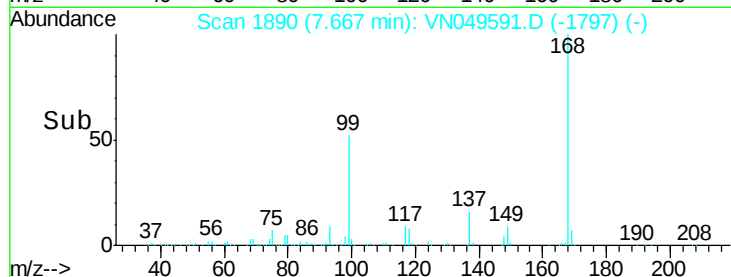
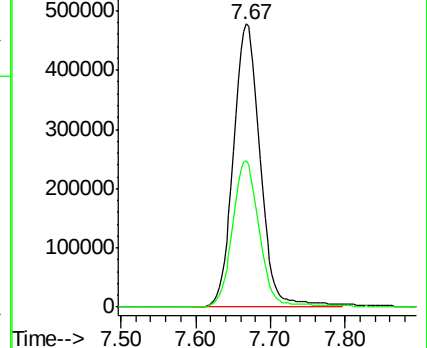
168 100

99 51.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 19.96 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049591.D

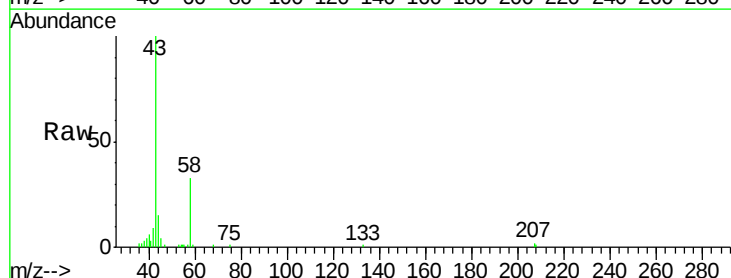
Acq: 28 Jun 2018 15:50

Tgt Ion: 43 Resp: 76544

Ion Ratio Lower Upper

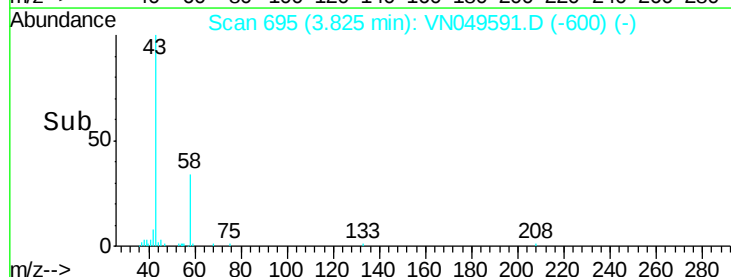
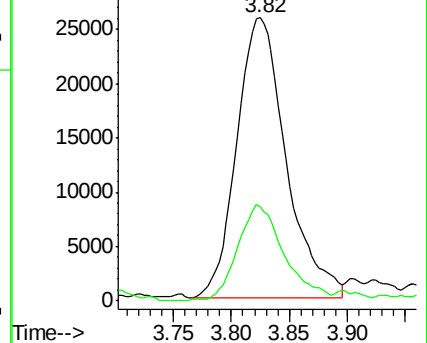
43 100

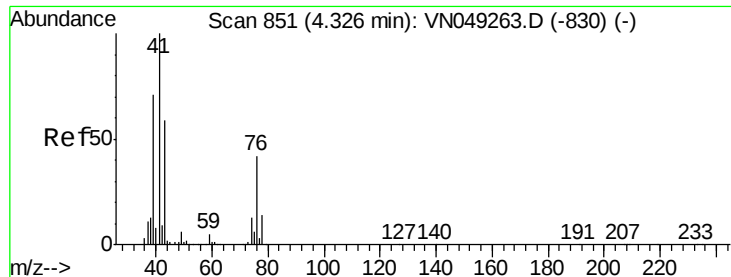
58 33.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

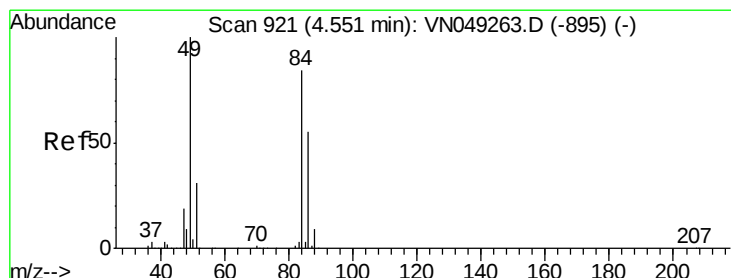
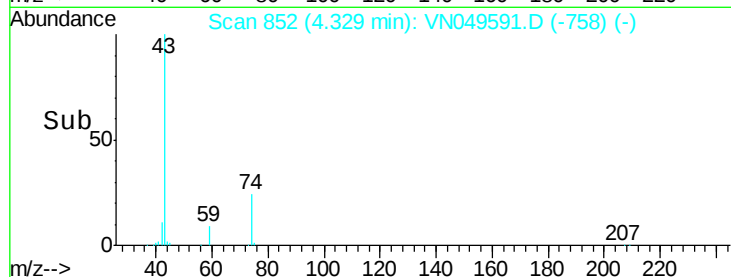
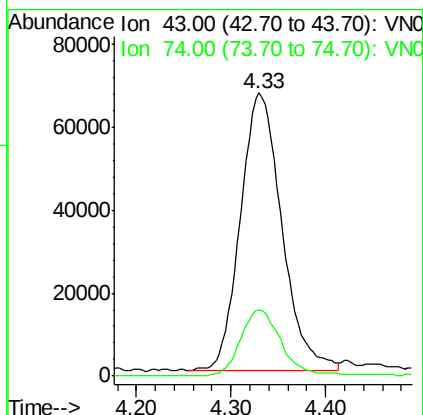
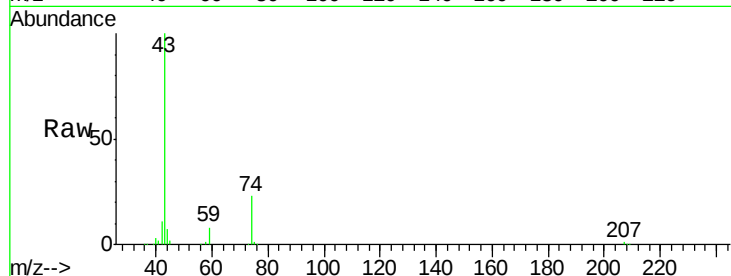




#18
Methvl Acetate
Concen: 17.37 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049591.D
Acq: 28 Jun 2018 15:50

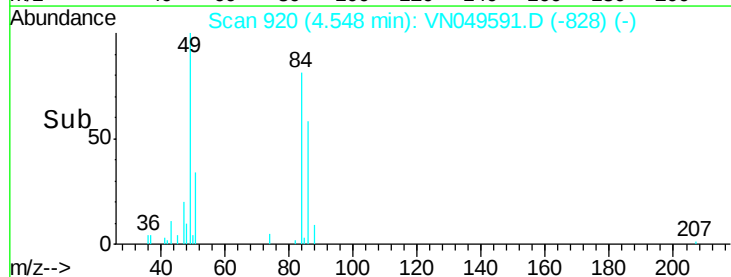
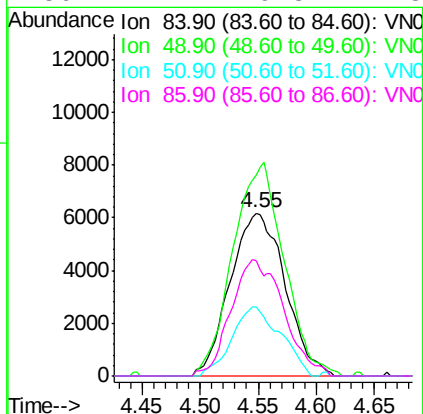
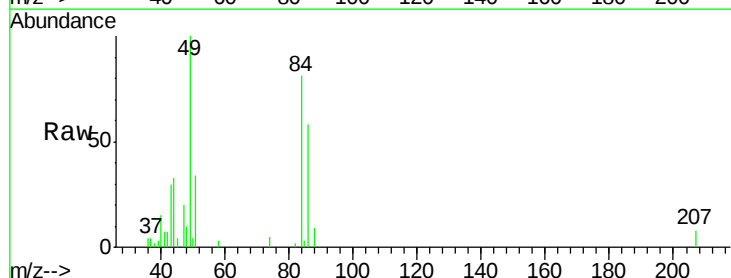
Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#14

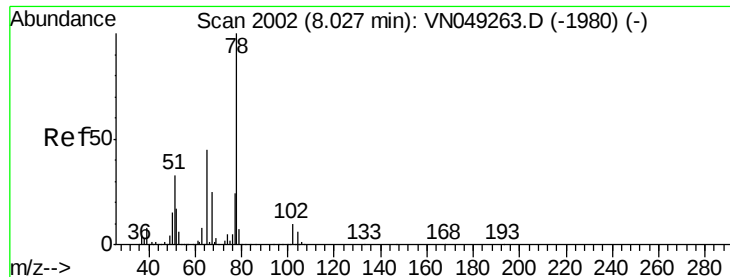
Tot Ion: 43 Resp: 203170
Ion Ratio Lower Upper
43 100
74 23.1 17.4 26.0



#20
Methylene Chloride
Concen: 1.27 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049591.D
Acq: 28 Jun 2018 15:50

Tgt Ion: 84 Resp: 20267
Ion Ratio Lower Upper
84 100
49 123.4 106.9 160.3
51 42.4 32.7 49.1
86 71.1 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 50.29 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049591.D

Acq: 28 Jun 2018 15:50

Instrument :

MSVOA_N

ClientSampleId :

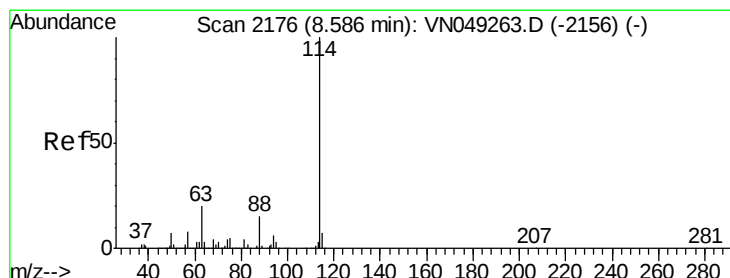
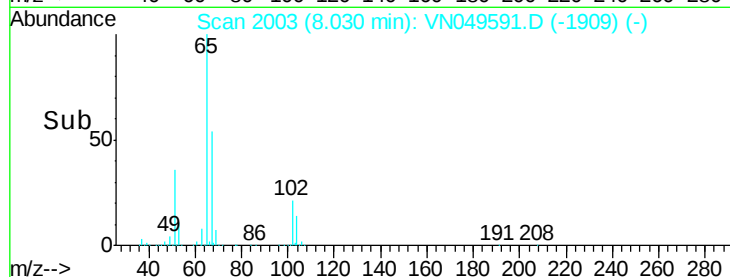
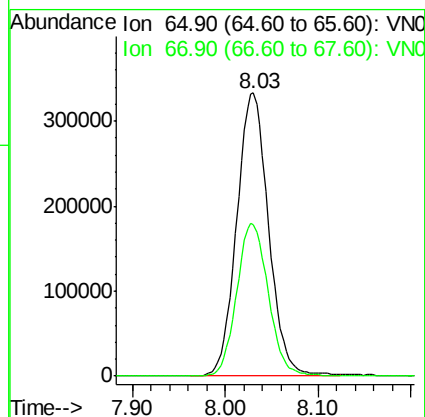
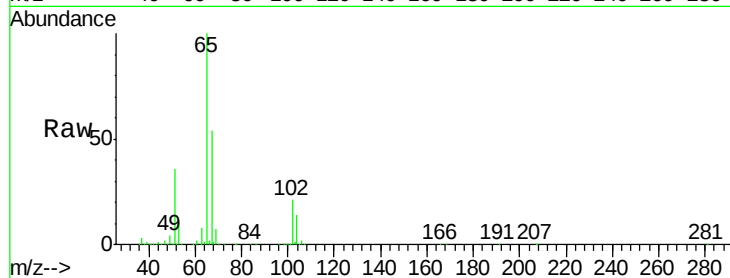
PB110627ZHE#14

Tot Ion: 65 Resp: 794490

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# 2176

Delta R.T. -0.00 min

Lab File: VN049591.D

Acq: 28 Jun 2018 15:50

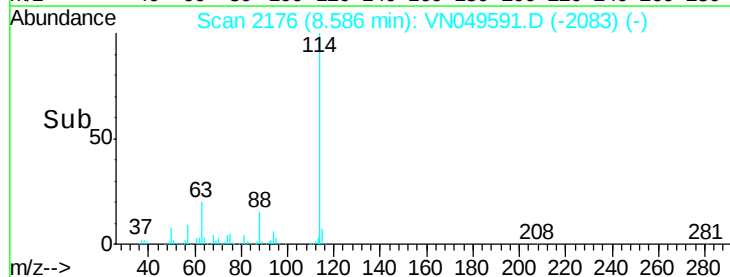
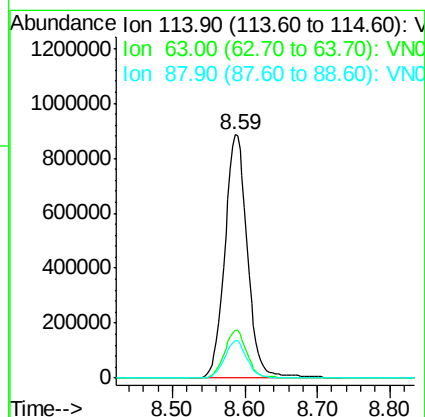
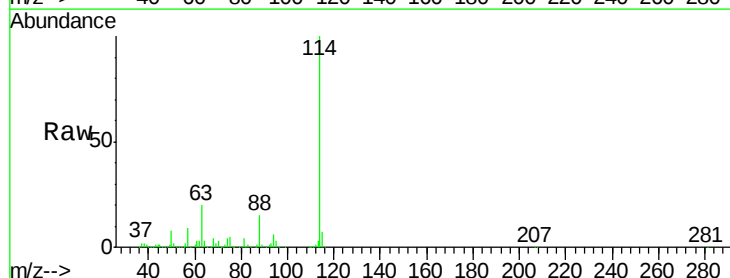
Tgt Ion: 114 Resp: 1915049

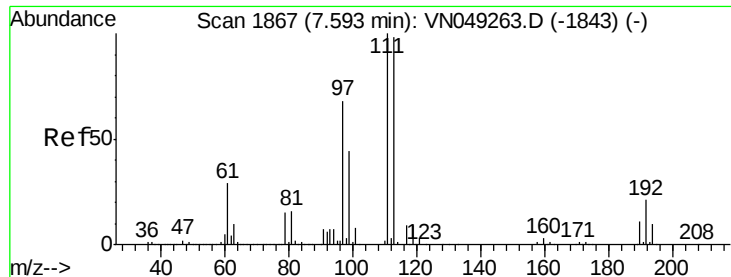
Ion Ratio Lower Upper

114 100

63 19.7 0.0 44.4

88 15.4 0.0 31.4

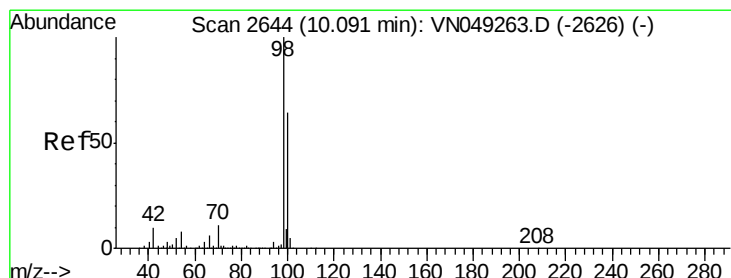
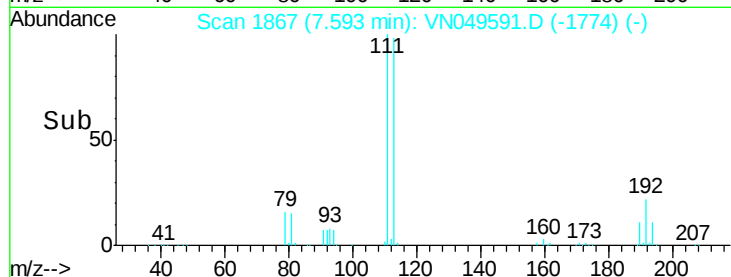
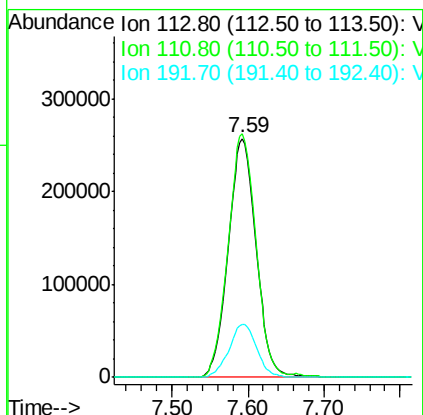
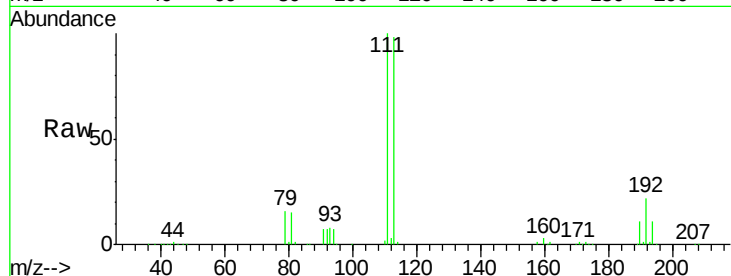




#35
 Dibromofluoromethane
 Concen: 42.36 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049591.D
 Acq: 28 Jun 2018 15:50

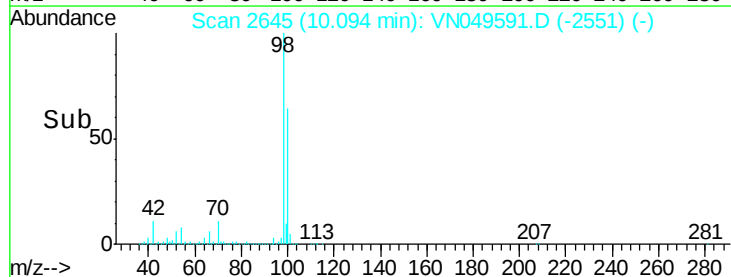
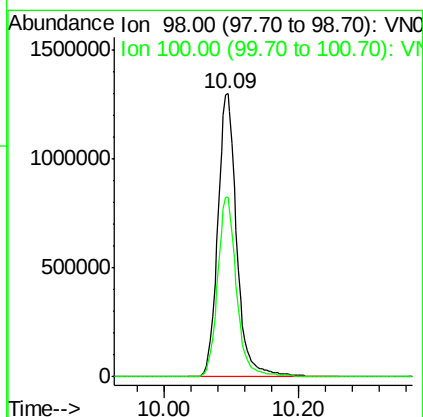
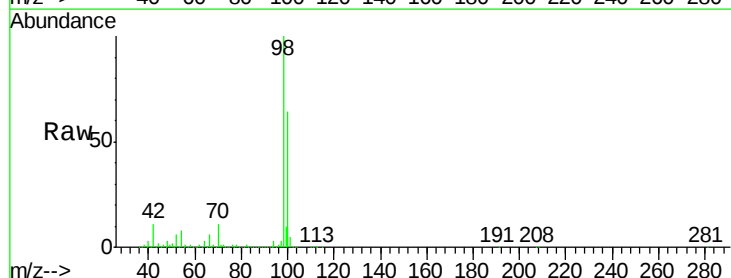
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#14

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	22.2	15.0	22.6



#50
 Toluene-d8
 Concen: 43.46 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049591.D
 Acq: 28 Jun 2018 15:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	49.8	74.8

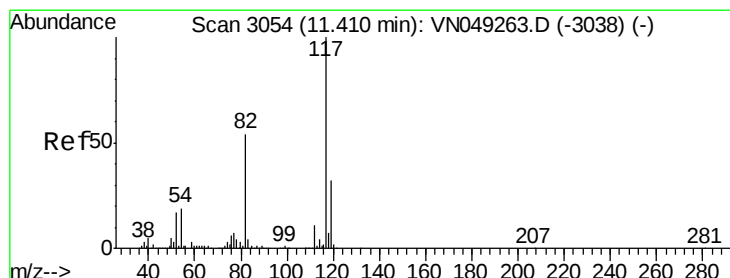
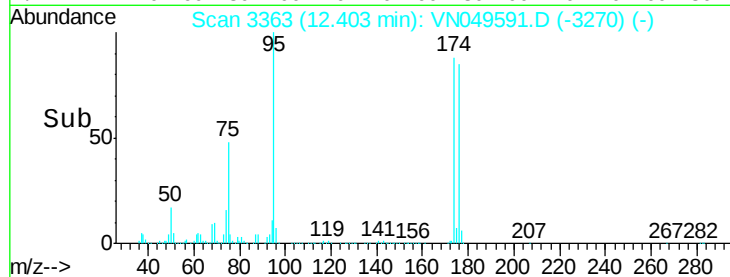
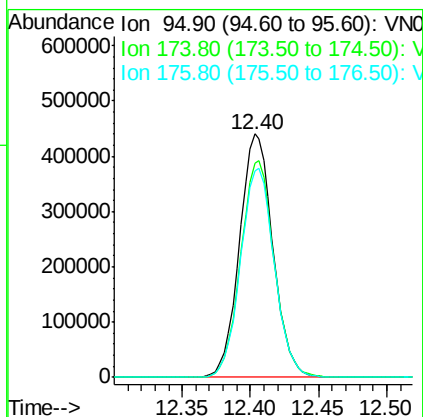
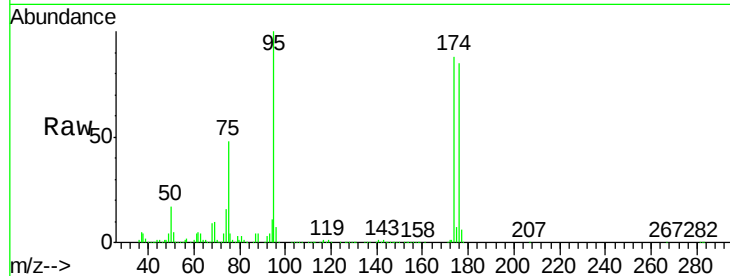




#62
4-Bromofluorobenzene
Concen: 38.32 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049591.D
Acq: 28 Jun 2018 15:50

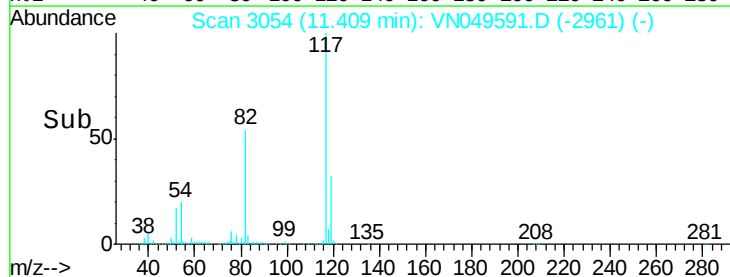
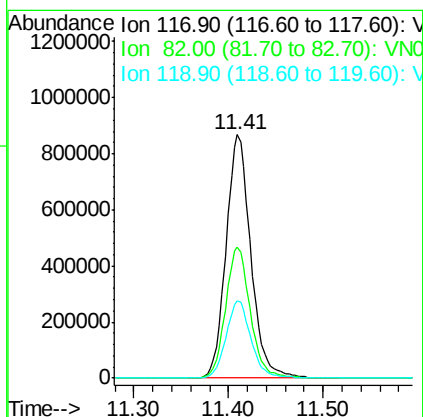
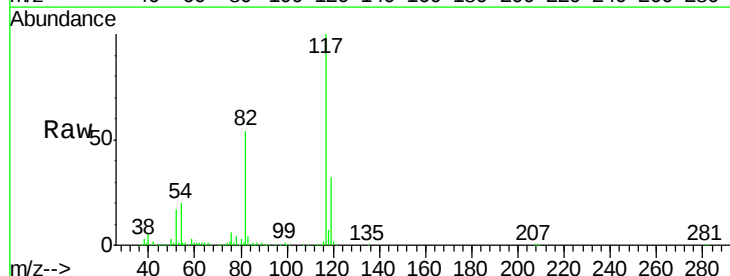
Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#14

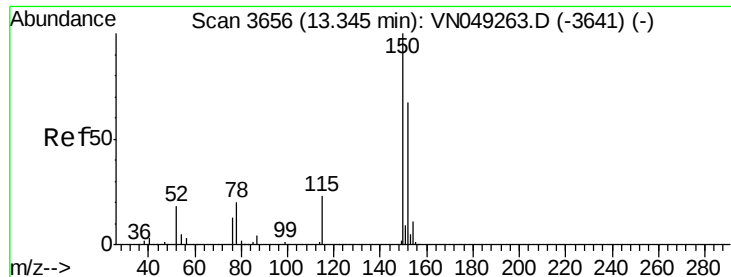
Tot Ion: 95 Resp: 747445
Ion Ratio Lower Upper
95 100
174 89.6 0.0 165.6
176 86.9 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049591.D
Acq: 28 Jun 2018 15:50

Tgt Ion: 117 Resp: 1577388
Ion Ratio Lower Upper
117 100
82 53.7 45.9 68.9
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049591.D

Acq: 28 Jun 2018 15:50

Instrument :

MSVOA_N

ClientSampleId :

PB110627ZHE#14

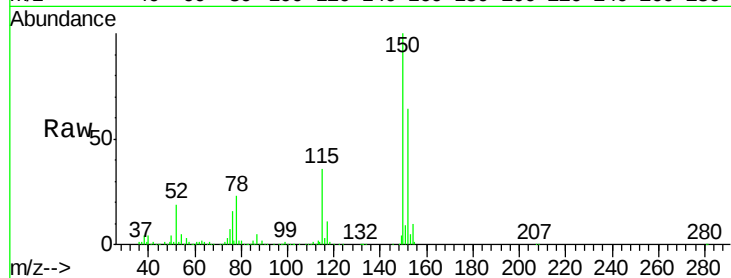
Tot Ion:152 Resp: 608592

Ion Ratio Lower Upper

152 100

115 56.5 28.7 86.1

150 156.0 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

