

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049593.D
 Acq On : 28 Jun 2018 16:42
 Operator : MD\SY
 Sample : PB110627ZHE#16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#16

Quant Time: Jun 29 03:24:34 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	1162437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1873222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1533735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	591119	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	776873	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
35) Dibromofluoromethane	7.59	113	646545	42.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.32%	
50) Toluene-d8	10.09	98	2496536	43.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.52%	
62) 4-Bromofluorobenzene	12.40	95	713314	37.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.76%	

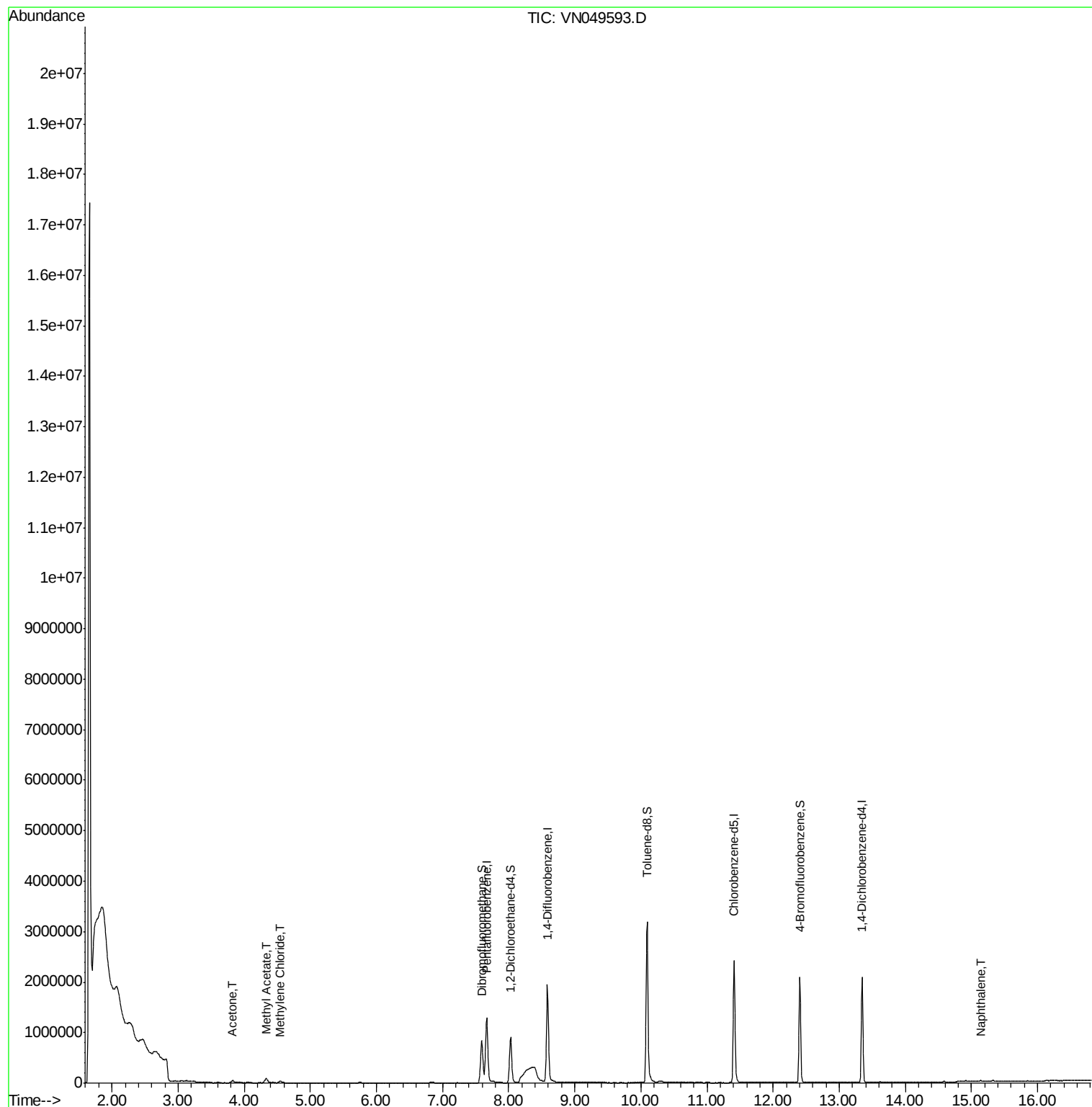
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	77544	20.71	ug/l	95
18) Methyl Acetate	4.33	43	166542	14.59	ug/l	96
20) Methylene Chloride	4.55	84	18630	1.19	ug/l	89
95) Naphthalene	15.14	128	15457	3.02	ug/l #	95

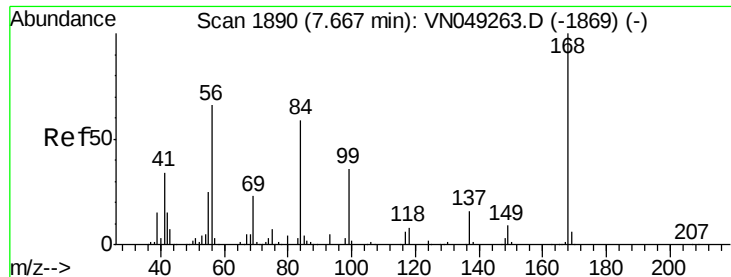
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
Data File : VN049593.D
Acq On : 28 Jun 2018 16:42
Operator : MD\SY
Sample : PB110627ZHE#16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#16

Quant Time: Jun 29 03:24:34 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049593.D

Acq: 28 Jun 2018 16:42

Instrument :

MSVOA_N

ClientSampleId :

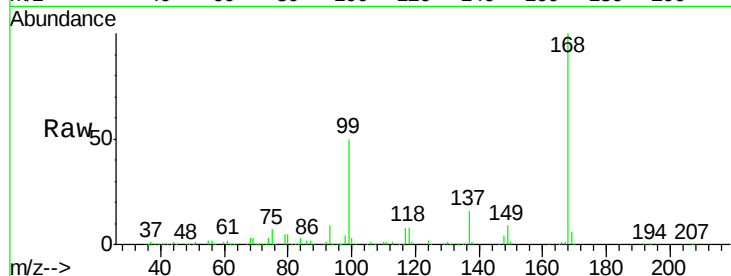
PB110627ZHE#16

Tot Ion:168 Resp: 1162437

Ion Ratio Lower Upper

168 100

99 50.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

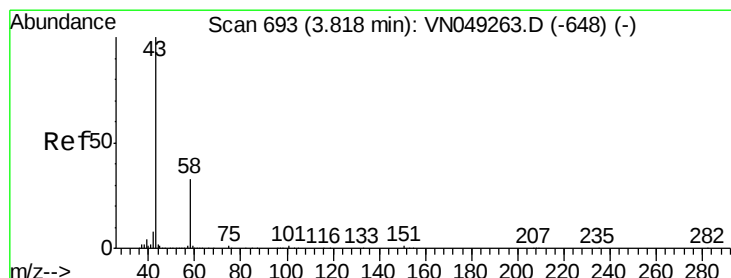
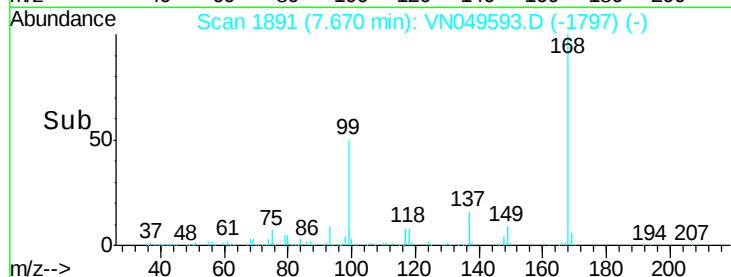
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 20.71 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049593.D

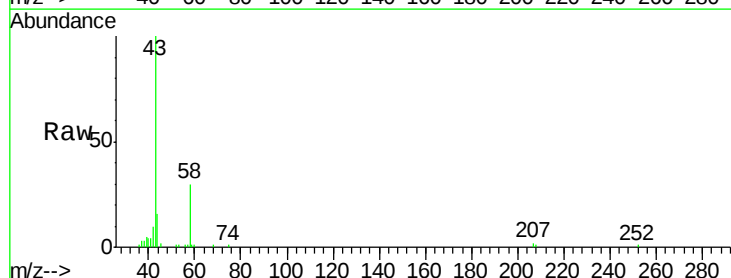
Acq: 28 Jun 2018 16:42

Tgt Ion: 43 Resp: 77544

Ion Ratio Lower Upper

43 100

58 30.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

30000

25000

20000

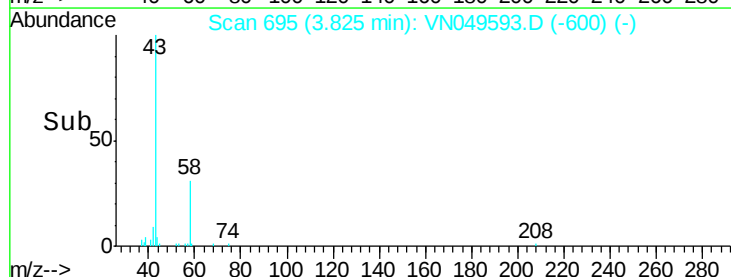
15000

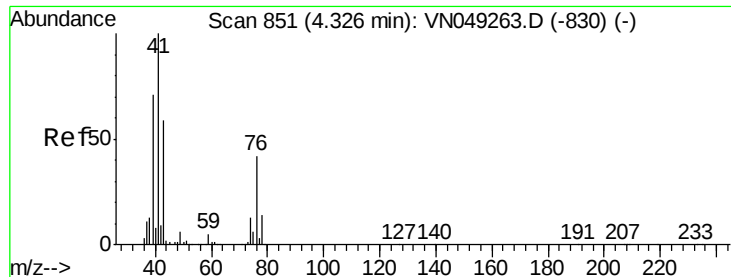
10000

5000

0

Time-->

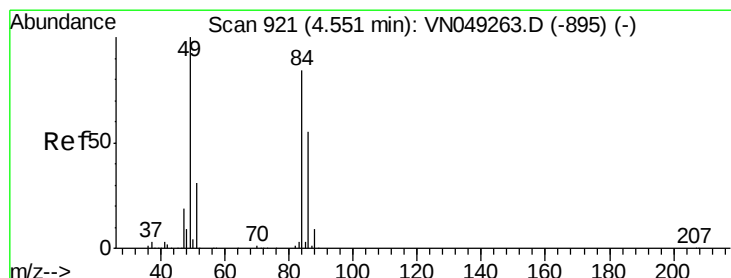
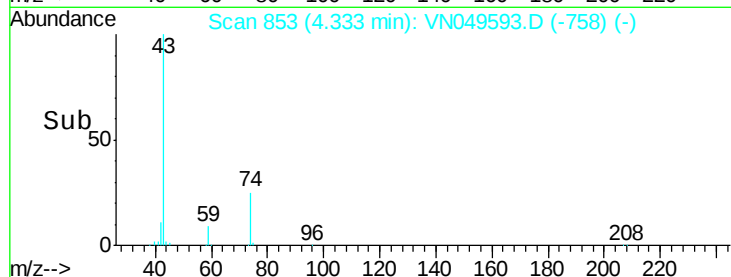
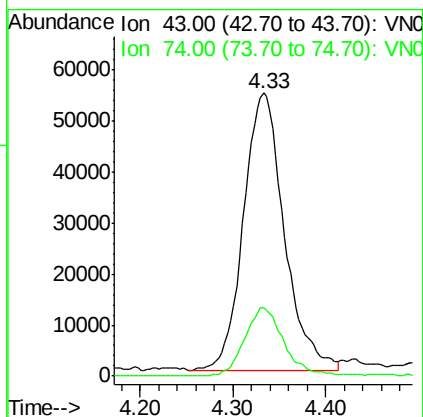
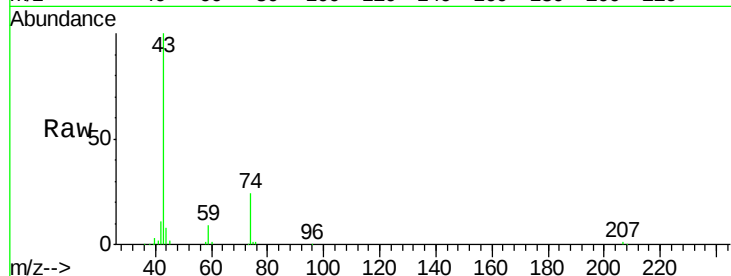




#18
Methvl Acetate
Concen: 14.59 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049593.D
Acq: 28 Jun 2018 16:42

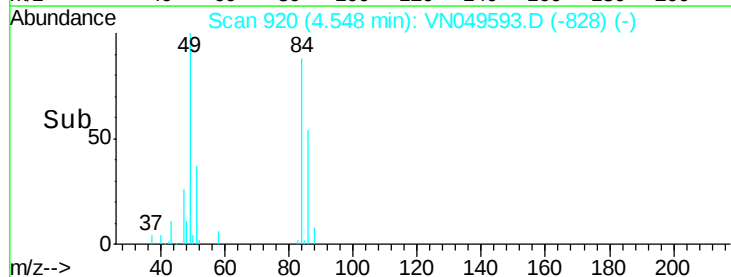
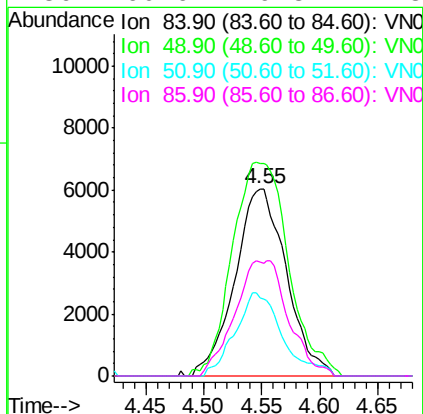
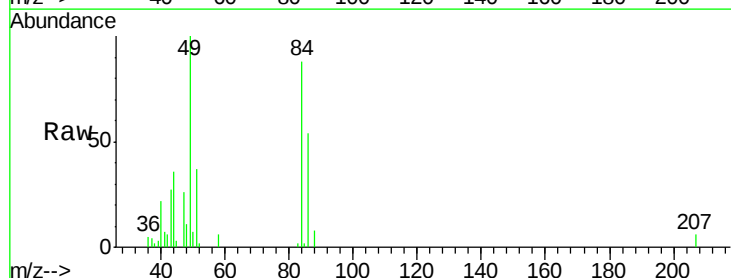
Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#16

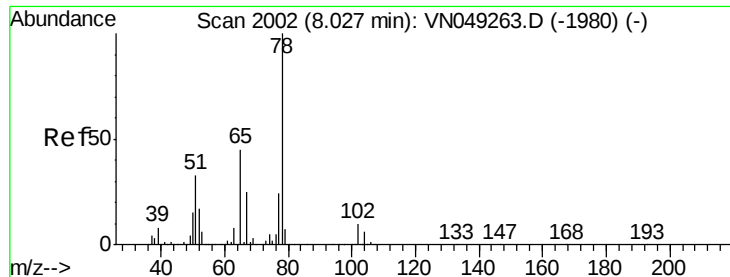
Tot Ion: 43 Resp: 166542
Ion Ratio Lower Upper
43 100
74 23.6 17.4 26.0



#20
Methylene Chloride
Concen: 1.19 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049593.D
Acq: 28 Jun 2018 16:42

Tgt Ion: 84 Resp: 18630
Ion Ratio Lower Upper
84 100
49 113.1 106.9 160.3
51 42.0 32.7 49.1
86 60.6 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 50.39 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049593.D

Acq: 28 Jun 2018 16:42

Instrument :

MSVOA_N

ClientSampleId :

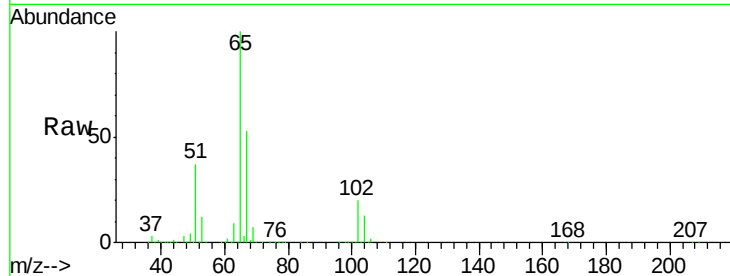
PB110627ZHE#16

Tot Ion: 65 Resp: 776873

Ion Ratio Lower Upper

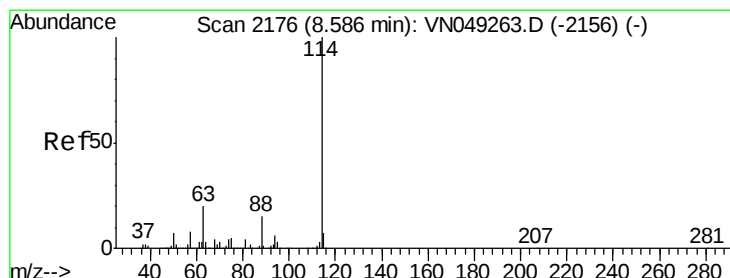
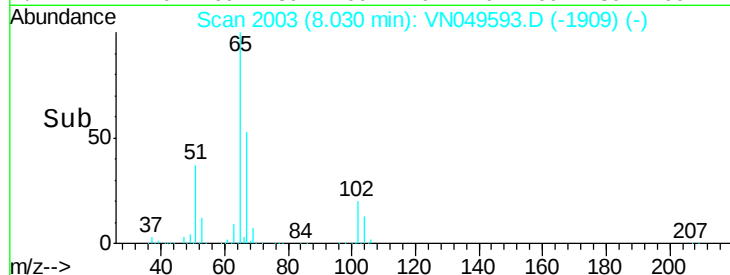
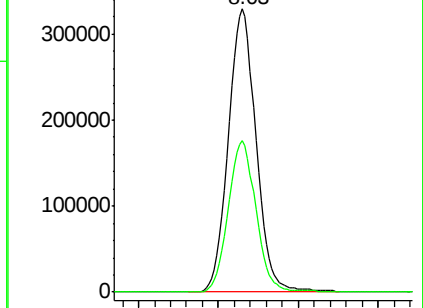
65 100

67 53.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049593.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049593.D (-1980) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049593.D

Acq: 28 Jun 2018 16:42

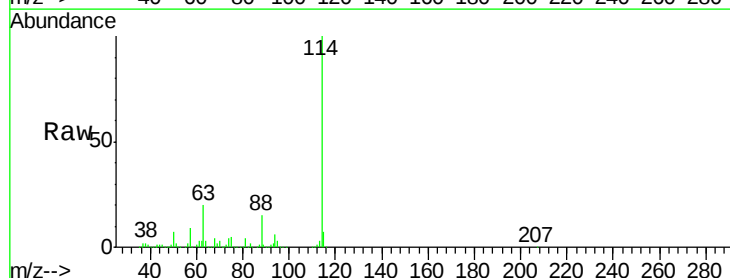
Tgt Ion: 114 Resp: 1873222

Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.4

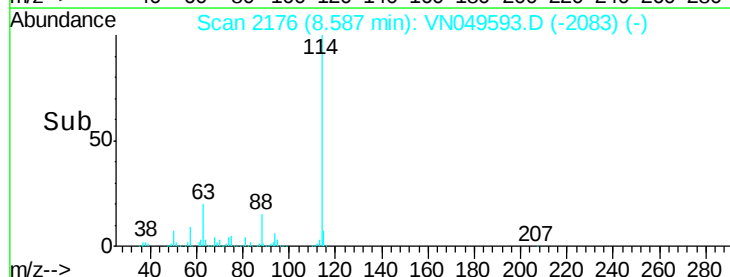
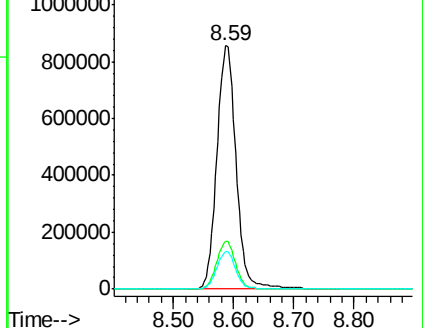
88 15.2 0.0 31.4

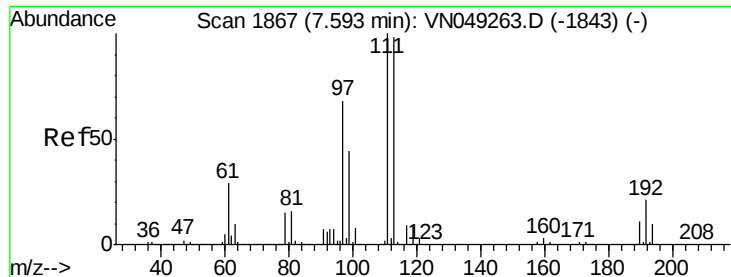


Abundance Ion 113.90 (113.60 to 114.60): VN049593.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049593.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049593.D (-2156) (-)

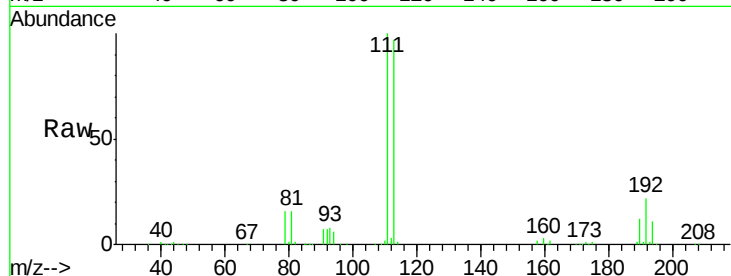




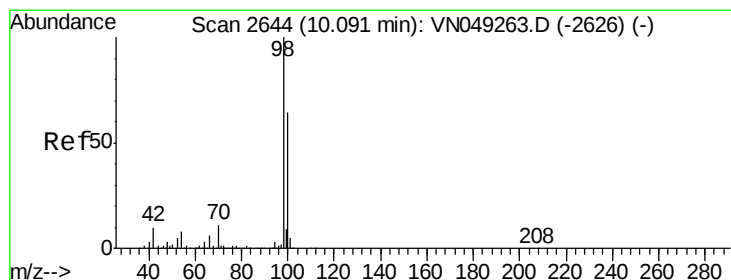
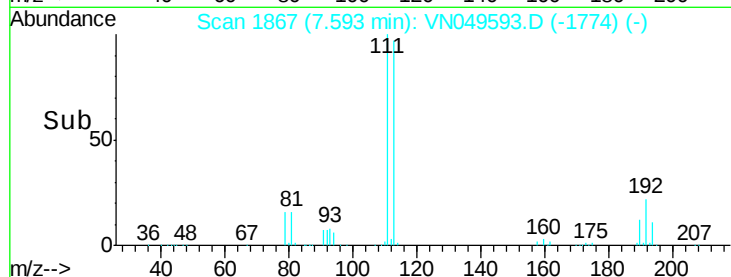
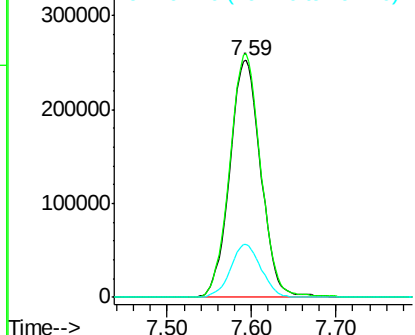
#35
 Dibromofluoromethane
 Concen: 42.66 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049593.D
 Acq: 28 Jun 2018 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#16

Tot Ion:113 Resp: 646545
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.4 123.6
 192 22.1 15.0 22.6

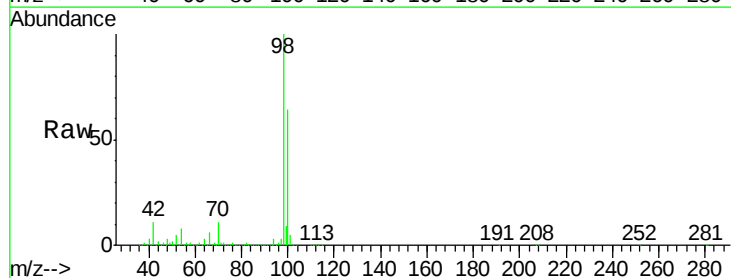


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

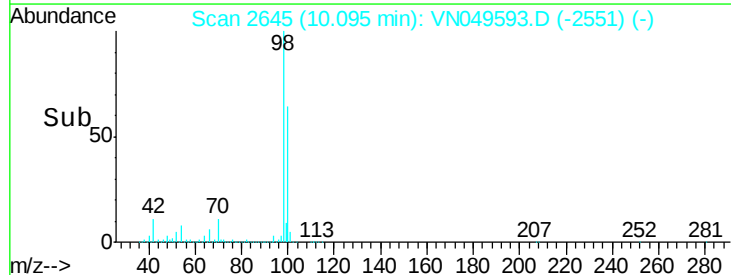
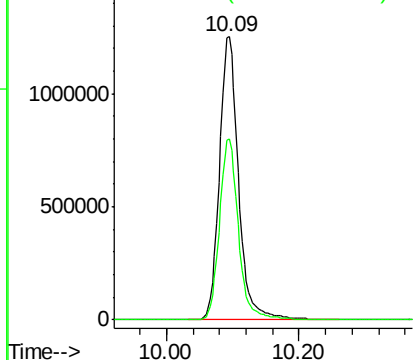


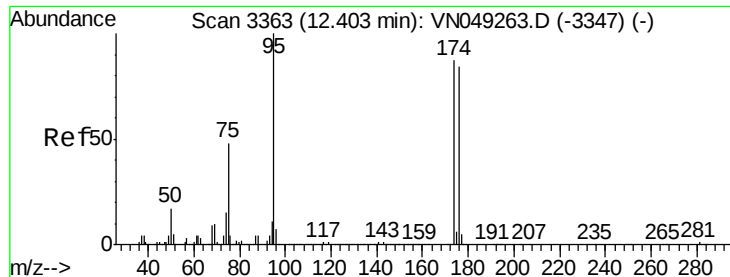
#50
 Toluene-d8
 Concen: 43.26 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049593.D
 Acq: 28 Jun 2018 16:42

Tgt Ion: 98 Resp: 2496536
 Ion Ratio Lower Upper
 98 100
 100 63.8 49.8 74.8



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

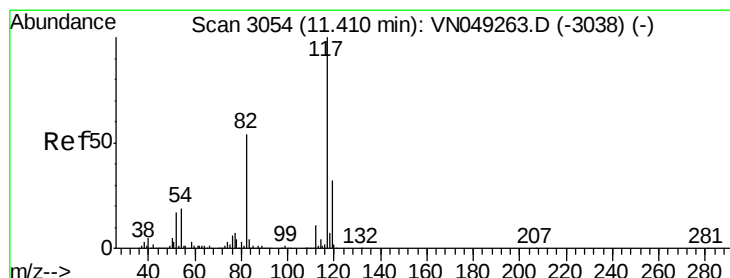
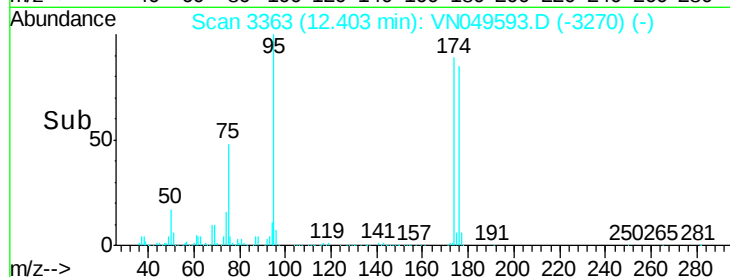
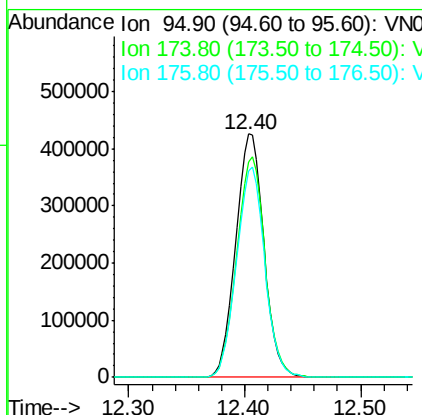
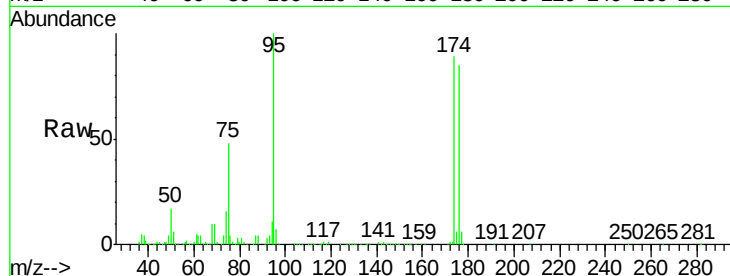




#62
4-Bromofluorobenzene
Concen: 37.38 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049593.D
Acq: 28 Jun 2018 16:42

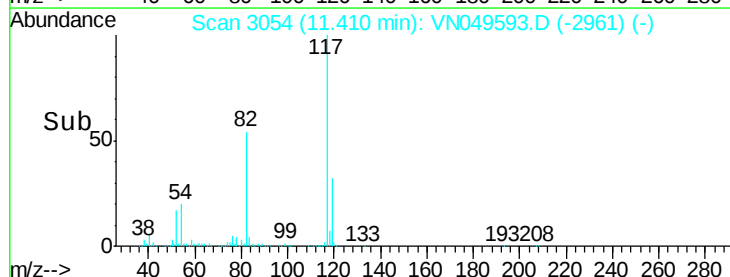
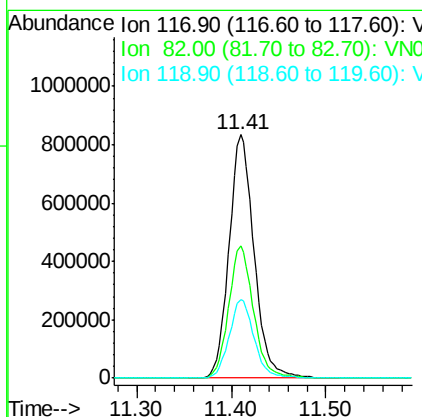
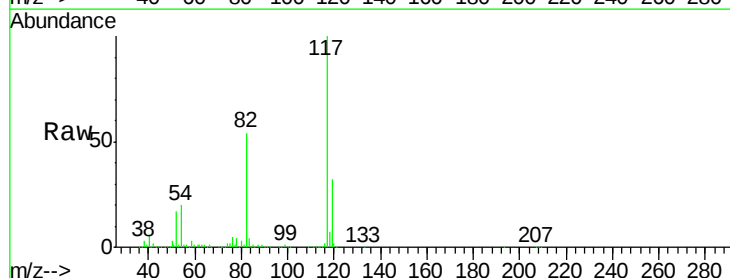
Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#16

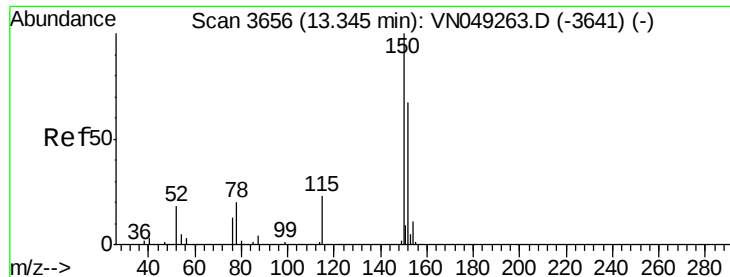
Tot Ion: 95 Resp: 713314
Ion Ratio Lower Upper
95 100
174 91.3 0.0 165.6
176 86.6 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049593.D
Acq: 28 Jun 2018 16:42

Tgt Ion: 117 Resp: 1533735
Ion Ratio Lower Upper
117 100
82 54.1 45.9 68.9
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049593.D

Acq: 28 Jun 2018 16:42

Instrument :

MSVOA_N

ClientSampleId :

PB110627ZHE#16

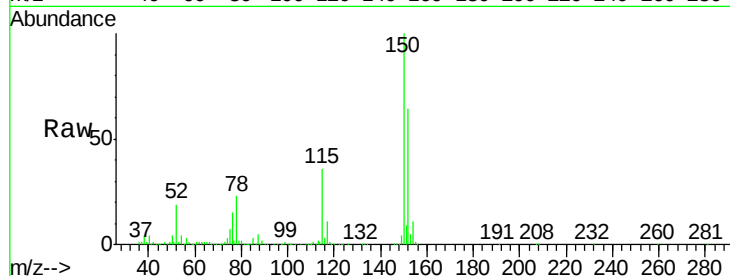
Tot Ion:152 Resp: 591119

Ion Ratio Lower Upper

152 100

115 56.1 28.7 86.1

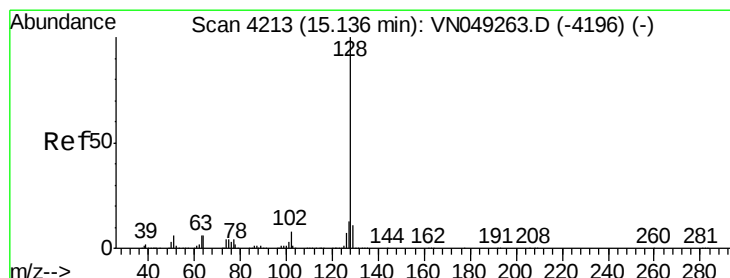
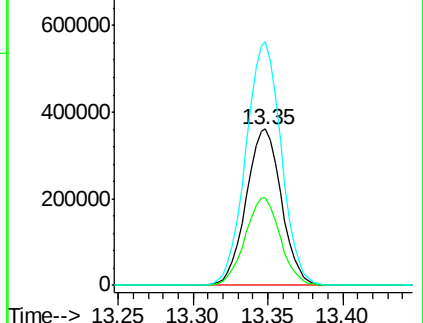
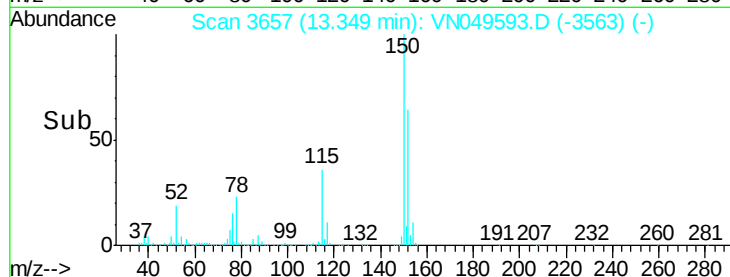
150 156.4 0.0 351.0



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: 3.02 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049593.D

Acq: 28 Jun 2018 16:42

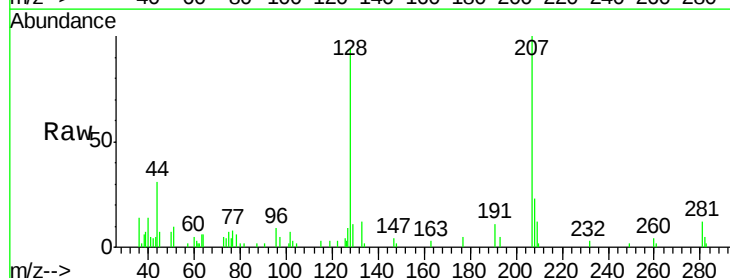
Tgt Ion:128 Resp: 15457

Ion Ratio Lower Upper

128 100

127 10.4 10.6 16.0#

129 9.8 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

