

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062718\
 Data File : VN049575.D
 Acq On : 27 Jun 2018 16:31
 Operator : MD\SY
 Sample : PB110627ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#03

Quant Time: Jun 28 01:58:13 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

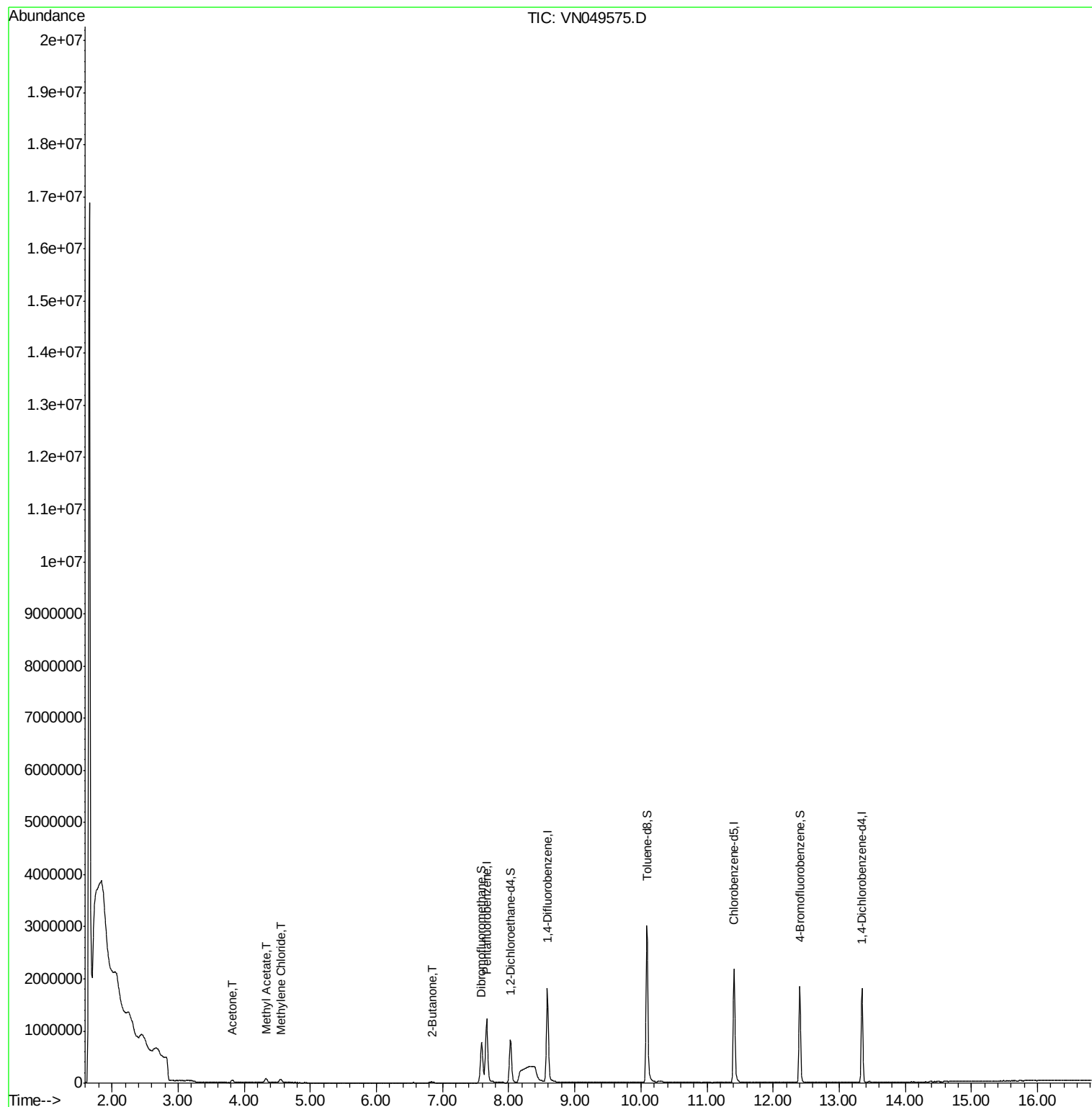
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1088776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1743481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1410252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	514516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	720864	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
35) Dibromofluoromethane	7.59	113	605943	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.92%	
50) Toluene-d8	10.09	98	2324649	43.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.56%	
62) 4-Bromofluorobenzene	12.40	95	640406	36.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.12%	
Target Compounds						
16) Acetone	3.82	43	99029	28.24	ug/l	# 88
18) Methyl Acetate	4.33	43	142727	13.35	ug/l	95
20) Methylene Chloride	4.55	84	46252	3.16	ug/l	86
25) 2-Butanone	6.85	43	9831	2.09	ug/l	96

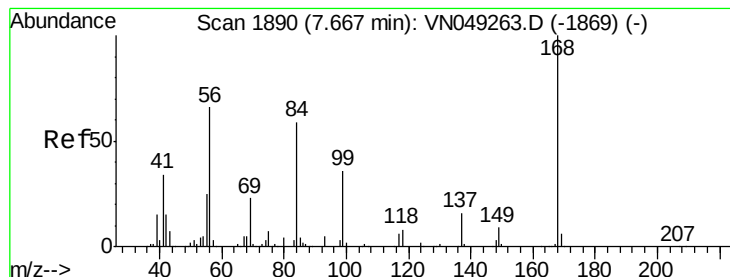
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062718\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

Instrument :

MSVOA_N

ClientSampleId :

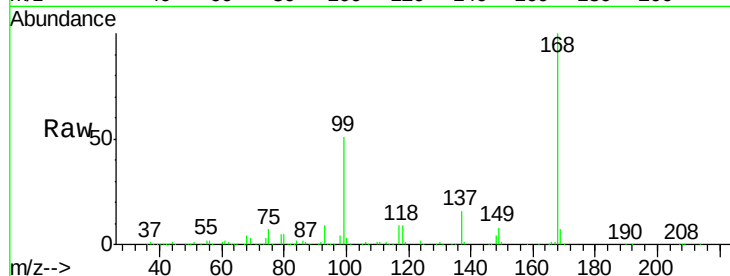
PB110627ZHE#03

Tot Ion:168 Resp: 1088776

Ion Ratio Lower Upper

168 100

99 50.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

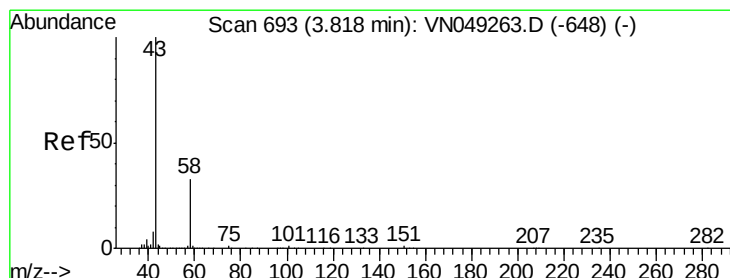
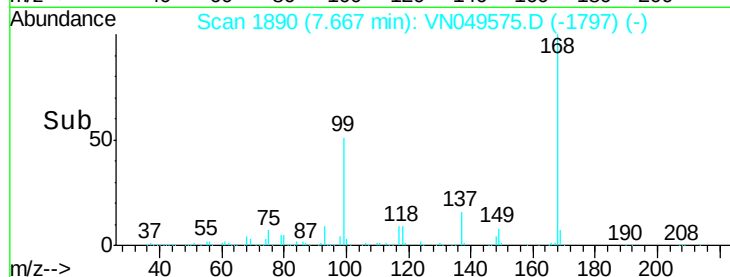
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 28.24 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049575.D

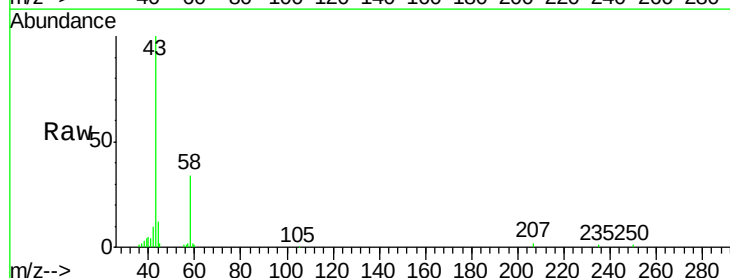
Acq: 27 Jun 2018 16:31

Tgt Ion: 43 Resp: 99029

Ion Ratio Lower Upper

43 100

58 34.3 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

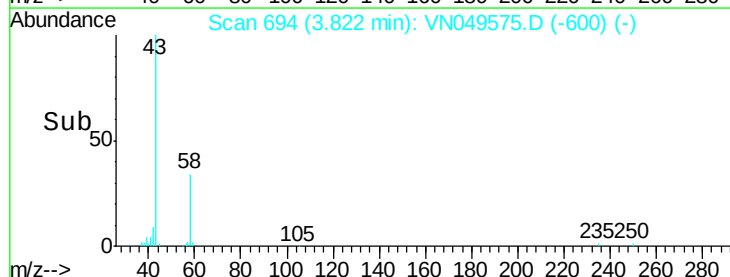
30000

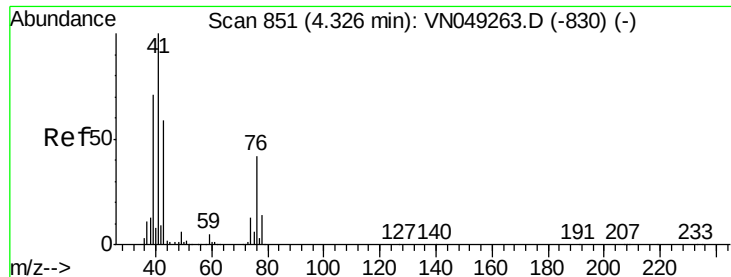
20000

10000

0

Time-->

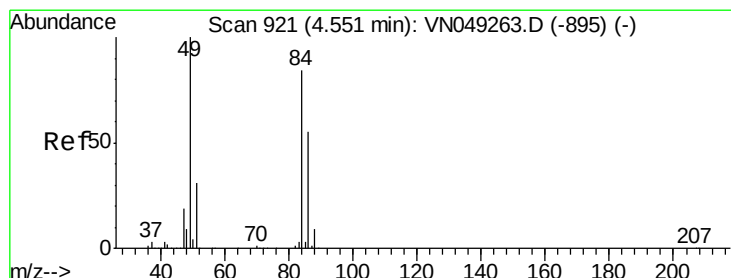
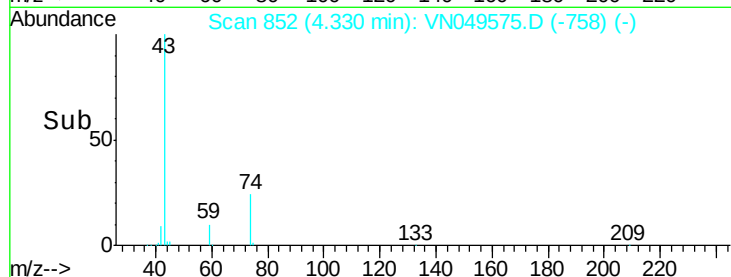
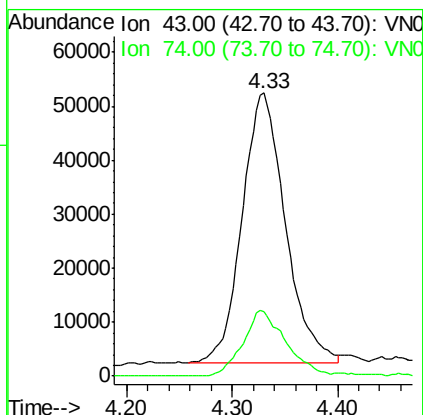
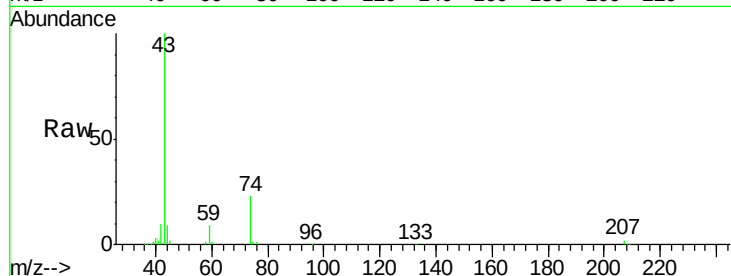




#18
Methvl Acetate
Concen: 13.35 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049575.D
Acq: 27 Jun 2018 16:31

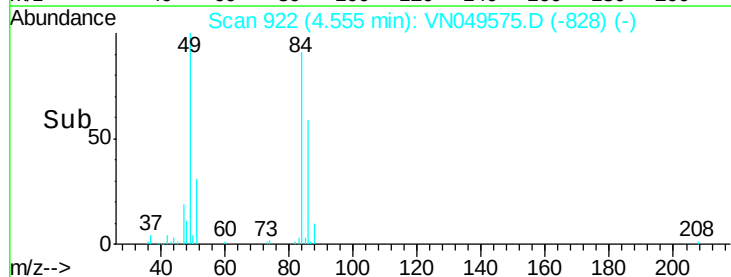
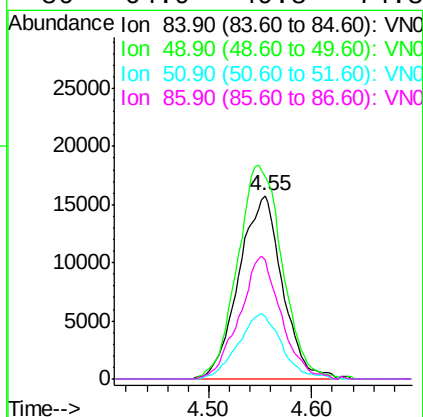
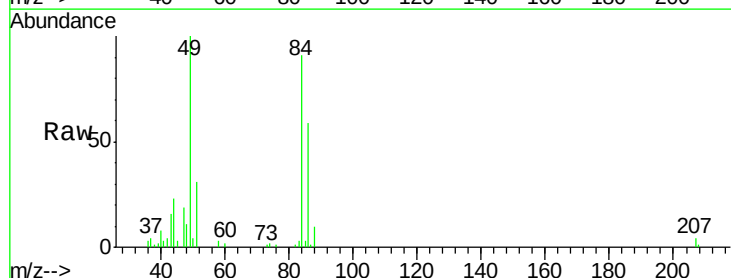
Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#03

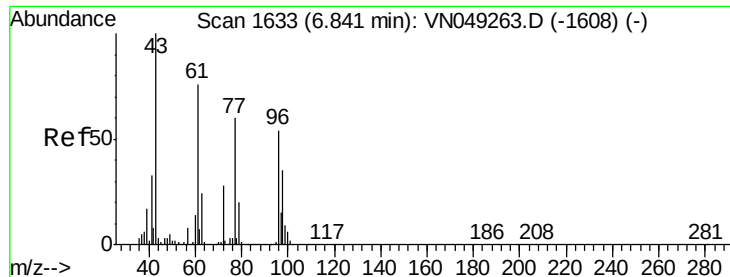
Tot Ion: 43 Resp: 142727
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0



#20
Methylene Chloride
Concen: 3.16 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049575.D
Acq: 27 Jun 2018 16:31

Tgt Ion: 84 Resp: 46252
Ion Ratio Lower Upper
84 100
49 110.4 106.9 160.3
51 34.2 32.7 49.1
86 64.9 49.8 74.8

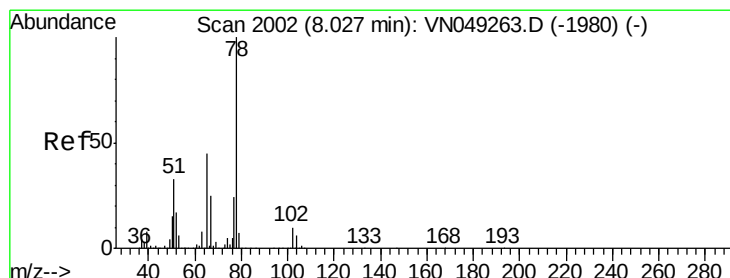
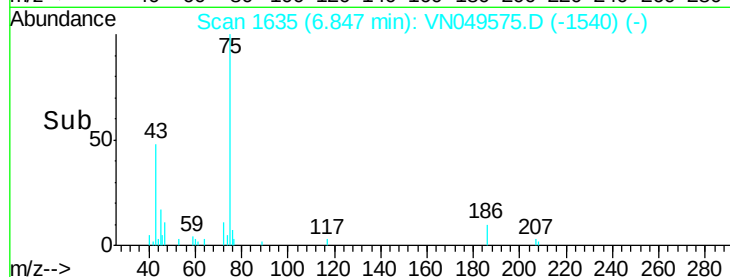
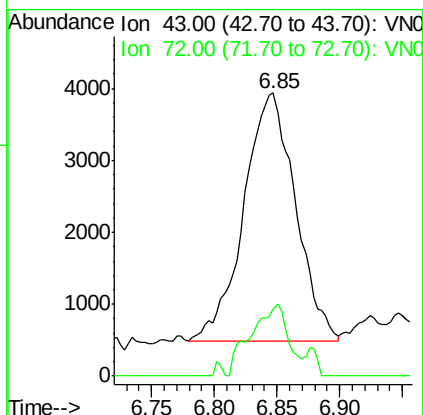
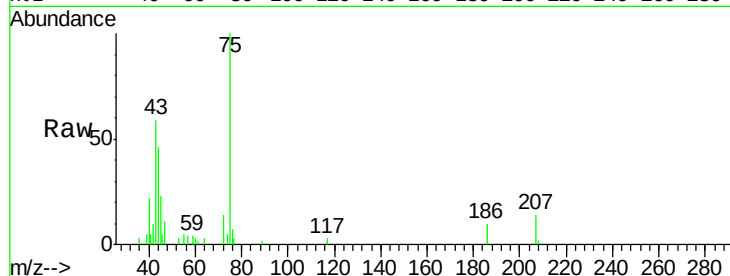




#25
2-Butanone
Concen: 2.09 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049575.D
Acq: 27 Jun 2018 16:31

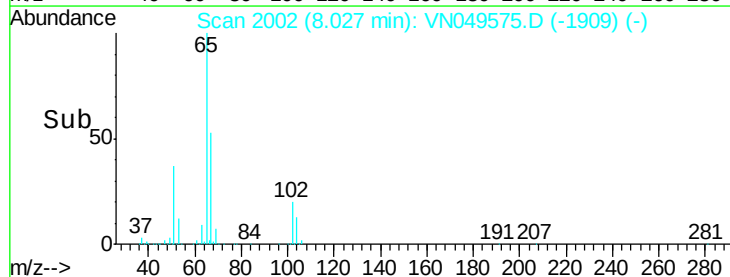
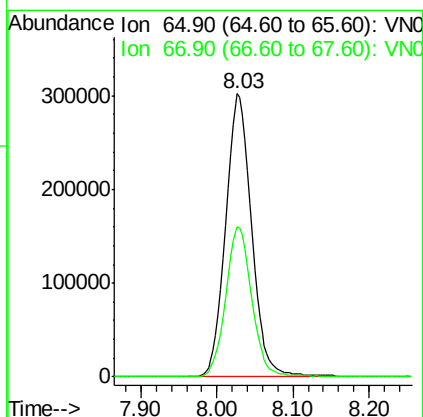
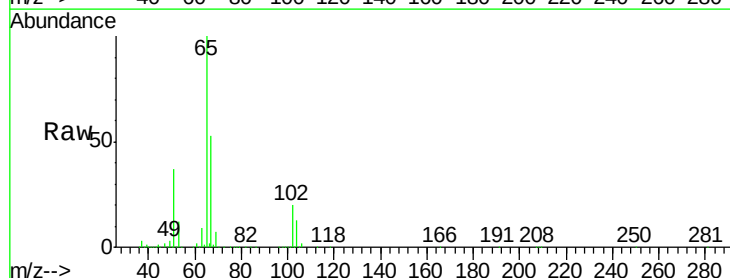
Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#03

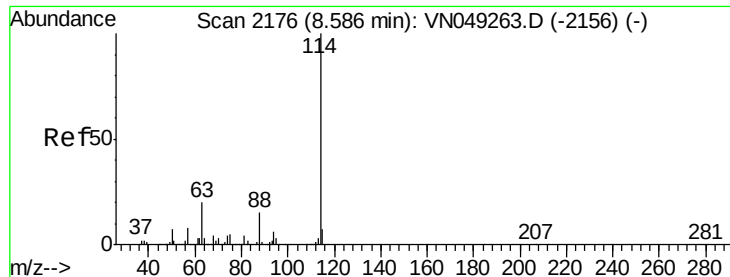
Tot Ion: 43 Resp: 9831
Ion Ratio Lower Upper
43 100
72 27.1 20.2 30.2



#33
1,2-Dichloroethane-d4
Concen: 49.92 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN049575.D
Acq: 27 Jun 2018 16:31

Tgt Ion: 65 Resp: 720864
Ion Ratio Lower Upper
65 100
67 53.2 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: VN049575.D

Acq: 27 Jun 2018 16:31

Instrument :

MSVOA_N

ClientSampleId :

PB110627ZHE#03

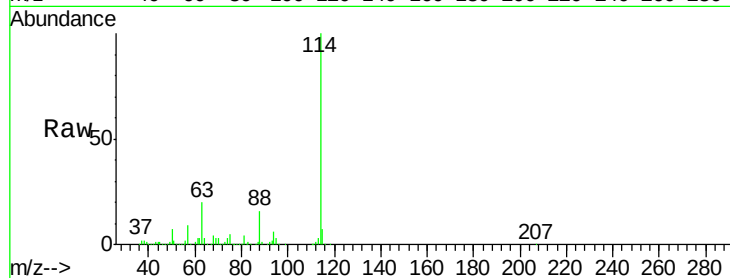
Tot Ion:114 Resp: 1743481

Ion Ratio Lower Upper

114 100

63 20.4 0.0 44.4

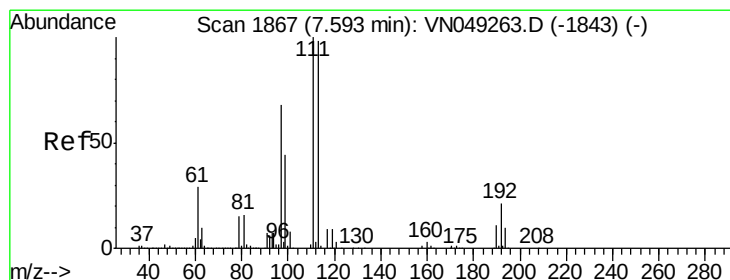
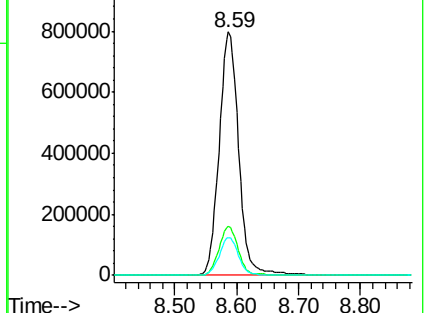
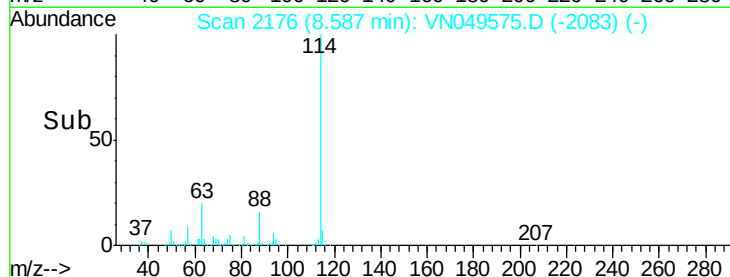
88 15.6 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 42.96 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

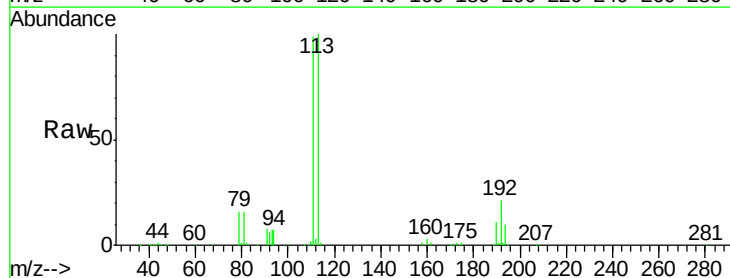
Tgt Ion:113 Resp: 605943

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

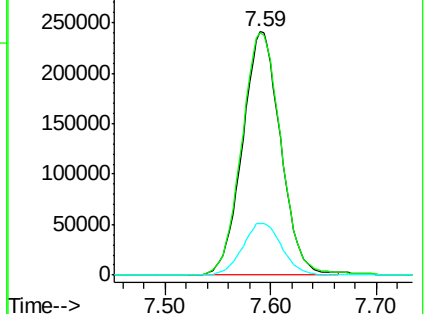
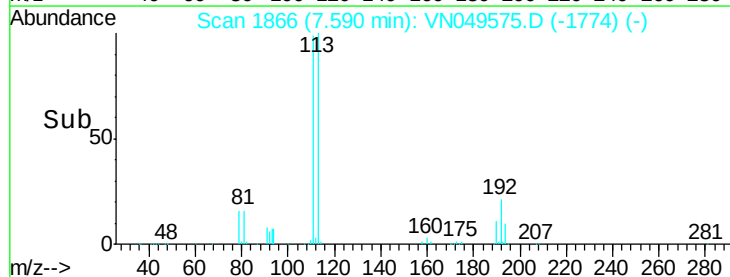
192 21.9 15.0 22.6

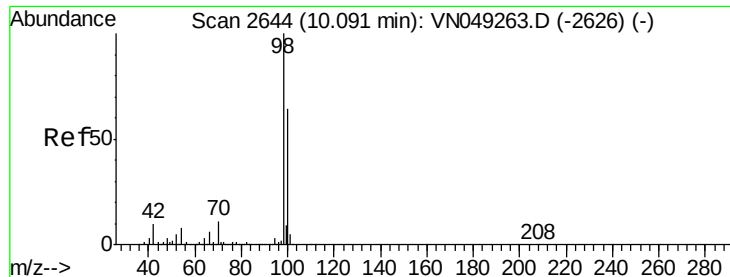


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.28 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

Instrument :

MSVOA_N

ClientSampleId :

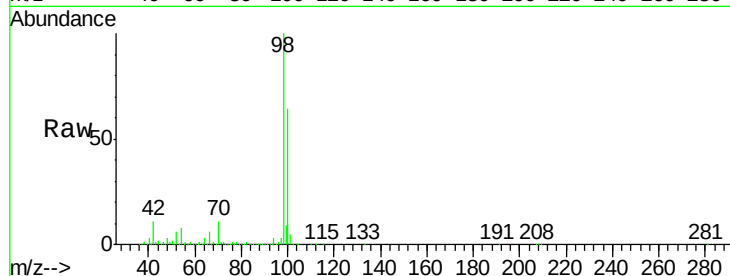
PB110627ZHE#03

Tot Ion: 98 Resp: 2324649

Ion Ratio Lower Upper

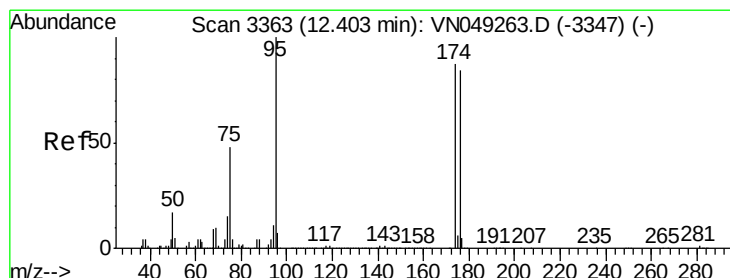
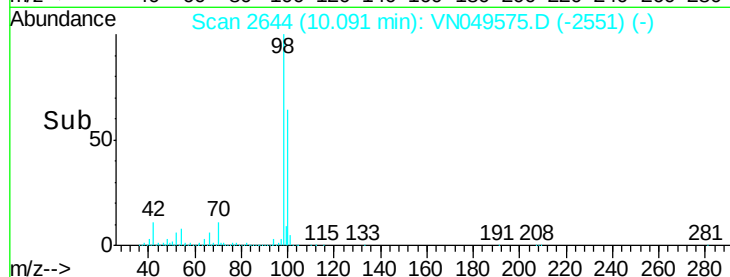
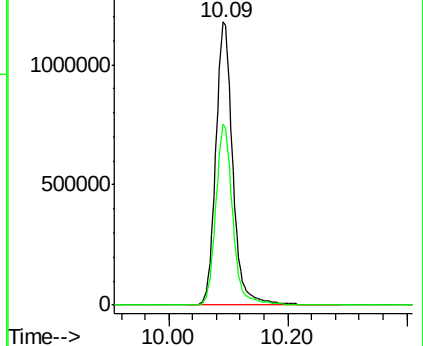
98 100

100 63.7 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049575.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049575.D (-2551) (-)



#62

4-Bromofluorobenzene

Concen: 36.06 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049575.D

Acq: 27 Jun 2018 16:31

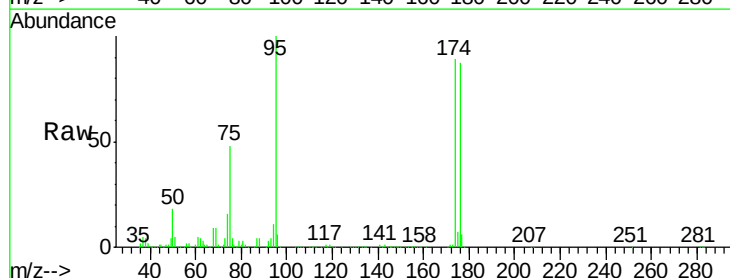
Tgt Ion: 95 Resp: 640406

Ion Ratio Lower Upper

95 100

174 90.3 0.0 165.6

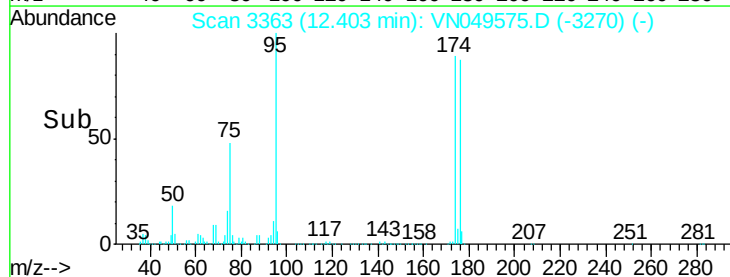
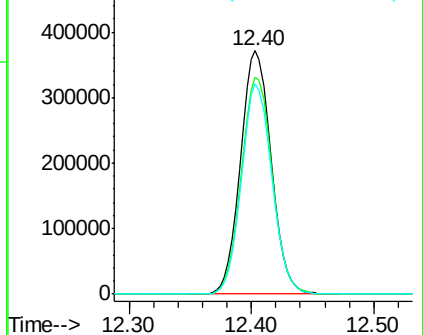
176 85.9 0.0 157.4

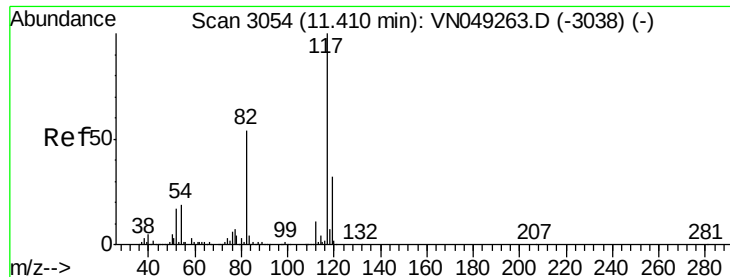


Abundance Ion 94.90 (94.60 to 95.60): VN049575.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049575.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049575.D (-3270) (-)

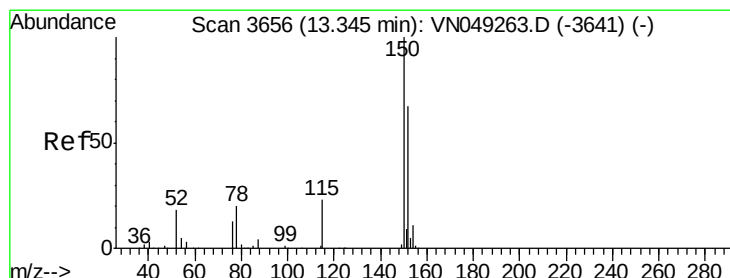
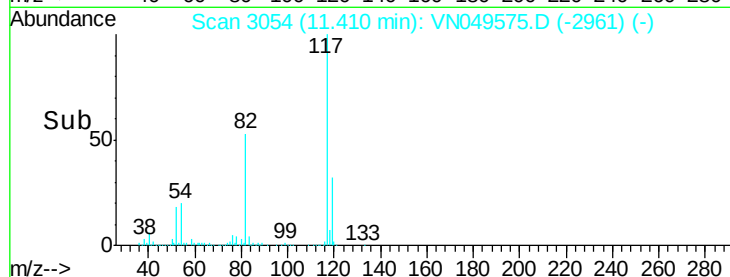
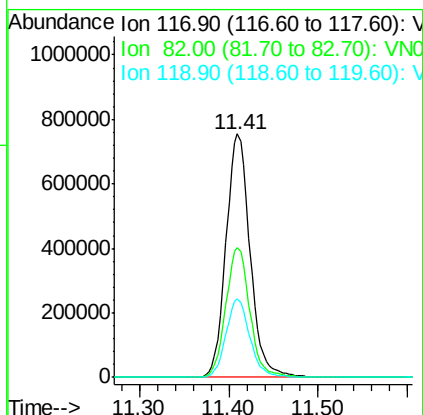
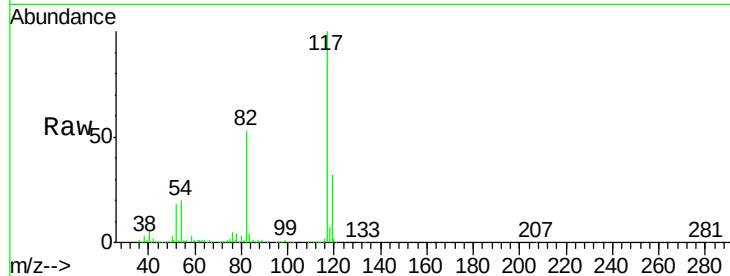




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049575.D
Acq: 27 Jun 2018 16:31

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PB110627ZHE#03

Tot Ion:117 Resp: 1410252
Ion Ratio Lower Upper
117 100
82 53.4 45.9 68.9
119 32.1 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: VN049575.D
Acq: 27 Jun 2018 16:31

Tgt Ion:152 Resp: 514516
Ion Ratio Lower Upper
152 100
115 55.8 28.7 86.1
150 157.5 0.0 351.0

