

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049585.D
 Acq On : 28 Jun 2018 13:16
 Operator : MD\SY
 Sample : PB110627ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#02

Quant Time: Jun 29 02:30:16 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	1156560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1817401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1512877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	587746	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	747385	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
35) Dibromofluoromethane	7.59	113	620622	42.21	ug/l	0.00
Spiked Amount			Recovery	=	84.42%	
50) Toluene-d8	10.09	98	2441834	43.61	ug/l	0.00
Spiked Amount			Recovery	=	87.22%	
62) 4-Bromofluorobenzene	12.40	95	717905	38.78	ug/l	0.00
Spiked Amount			Recovery	=	77.56%	

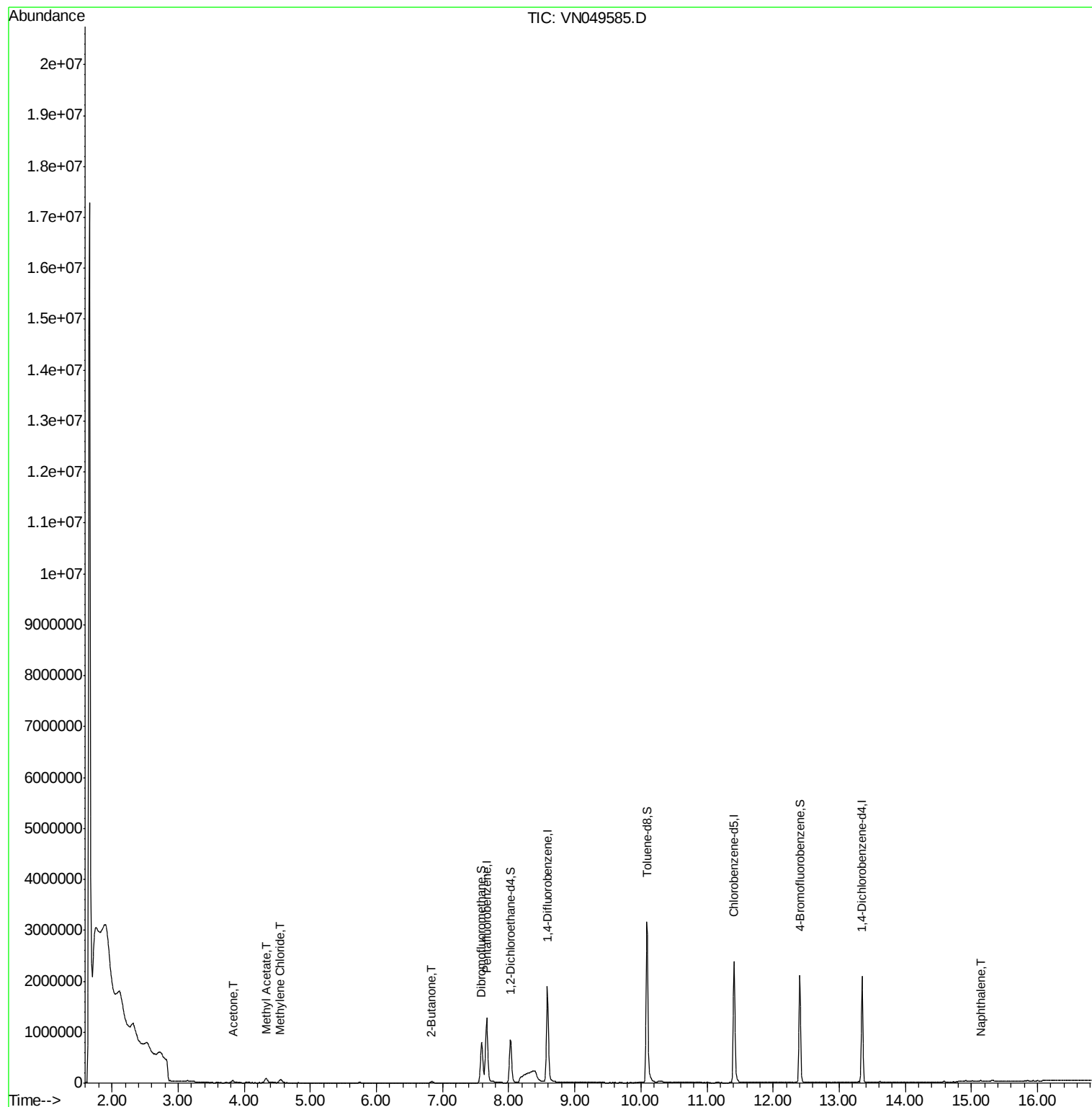
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	80554	21.63	ug/l	91
18) Methyl Acetate	4.33	43	169218	14.90	ug/l	97
20) Methylene Chloride	4.55	84	46276	2.97	ug/l	90
25) 2-Butanone	6.84	43	13173	2.63	ug/l	92
95) Naphthalene	15.14	128	17002	3.12	ug/l	98

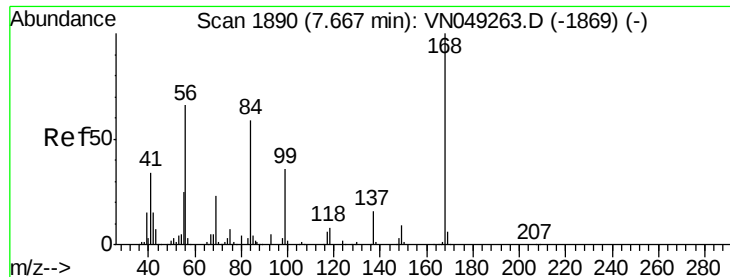
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
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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: VN049585.D

Acq: 28 Jun 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

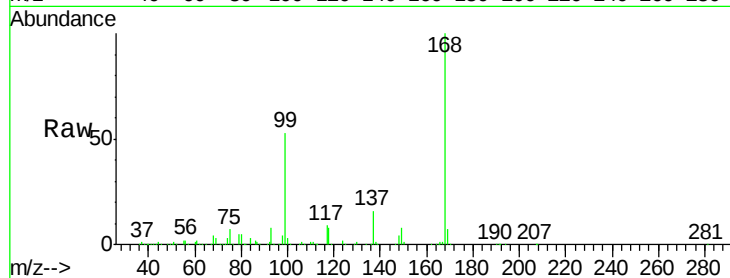
PB110627ZHE#02

Tot Ion:168 Resp: 1156560

Ion Ratio Lower Upper

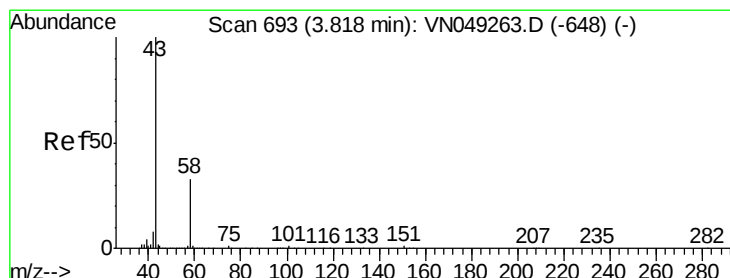
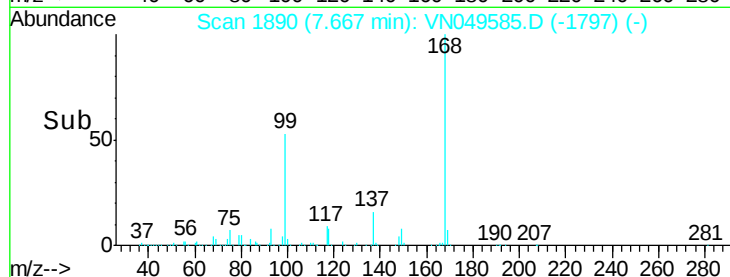
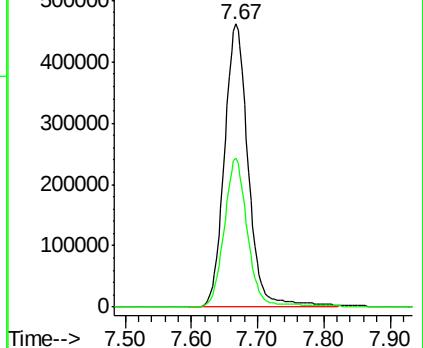
168 100

99 52.8 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: 21.63 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049585.D

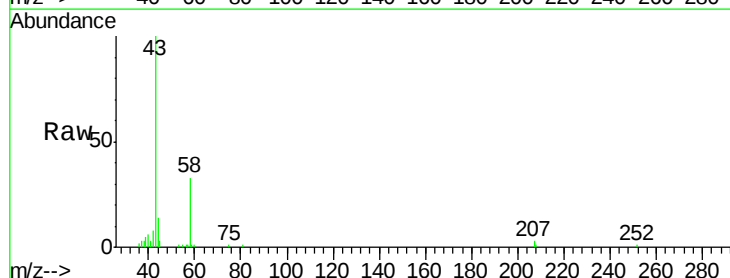
Acq: 28 Jun 2018 13:16

Tgt Ion: 43 Resp: 80554

Ion Ratio Lower Upper

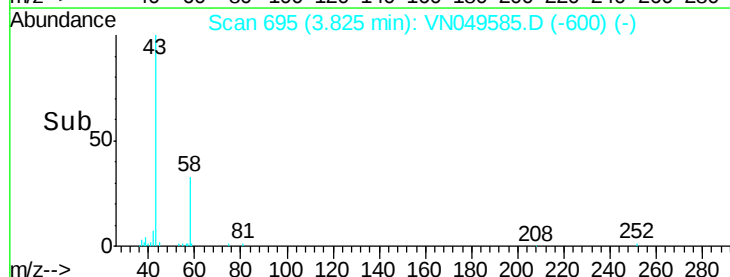
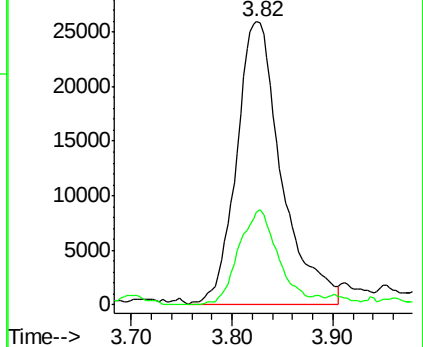
43 100

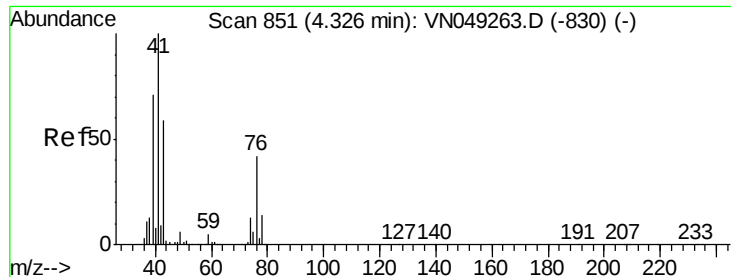
58 32.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

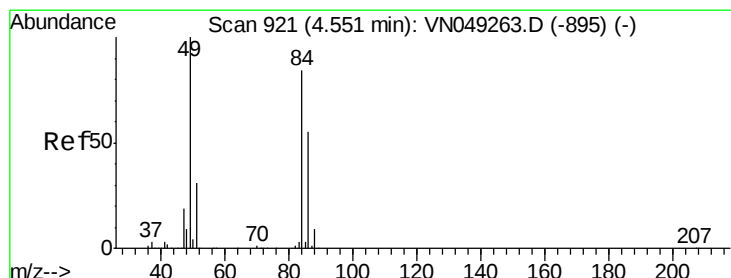
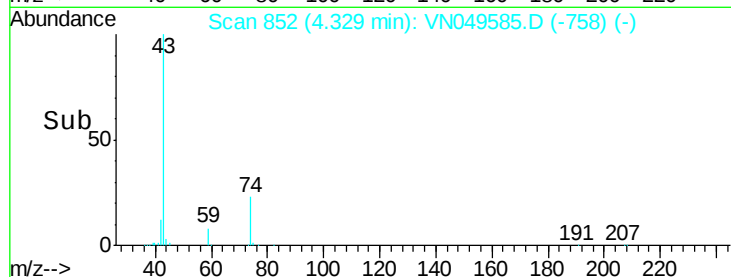
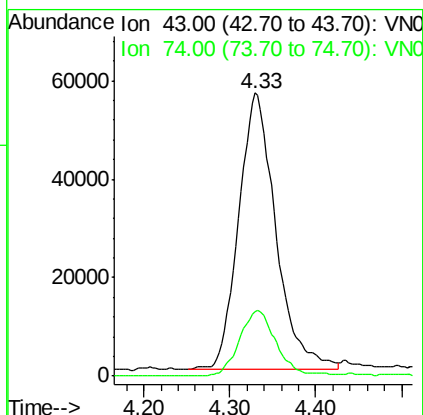
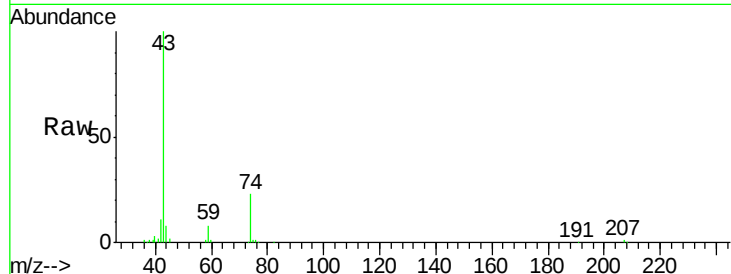




#18
Methvl Acetate
Concen: 14.90 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049585.D
Acq: 28 Jun 2018 13:16

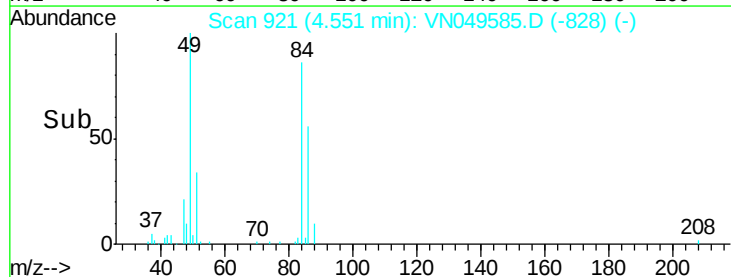
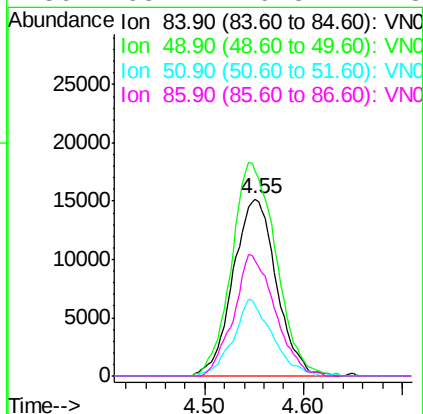
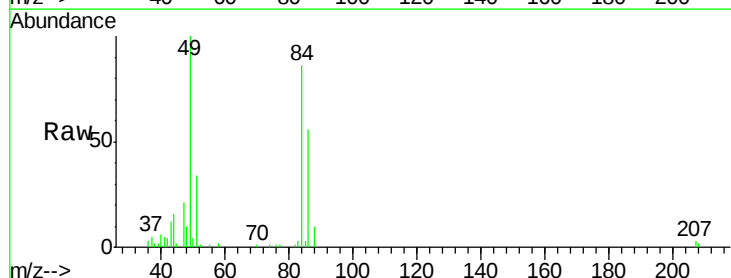
Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#02

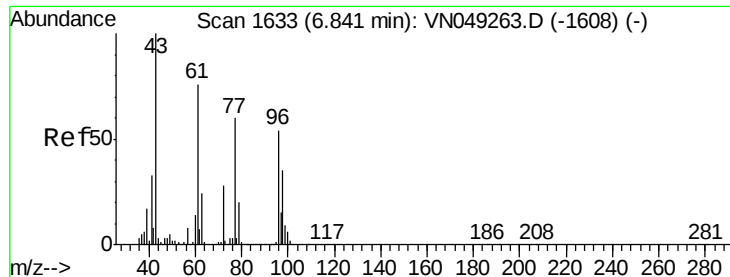
Tot Ion: 43 Resp: 169218
Ion Ratio Lower Upper
43 100
74 23.0 17.4 26.0



#20
Methylene Chloride
Concen: 2.97 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049585.D
Acq: 28 Jun 2018 13:16

Tgt Ion: 84 Resp: 46276
Ion Ratio Lower Upper
84 100
49 116.2 106.9 160.3
51 39.8 32.7 49.1
86 65.4 49.8 74.8

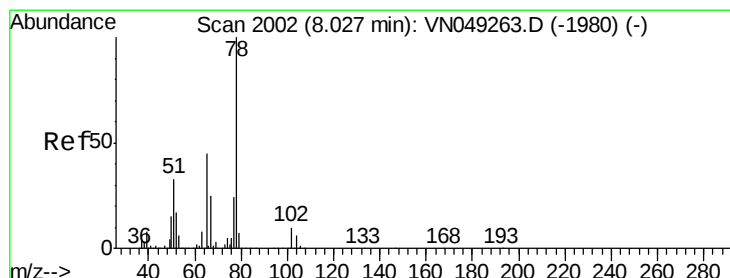
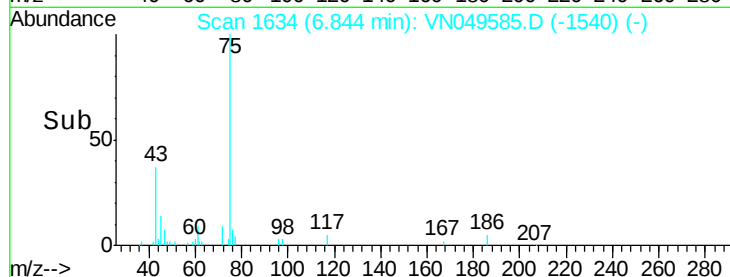
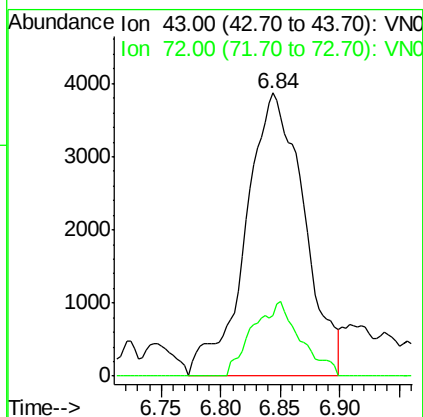
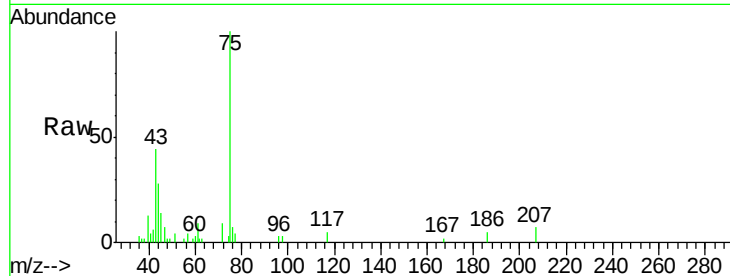




#25
 2-Butanone
 Concen: 2.63 ug/l
 RT: 6.84 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: VN049585.D
 Acq: 28 Jun 2018 13:16

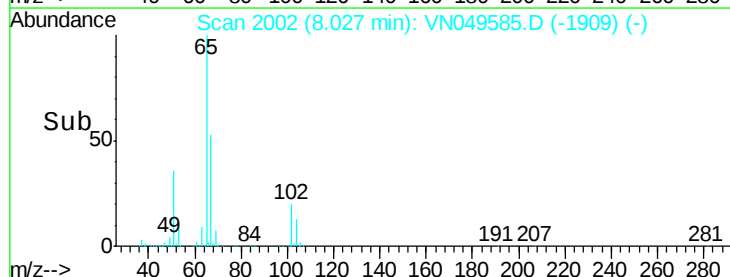
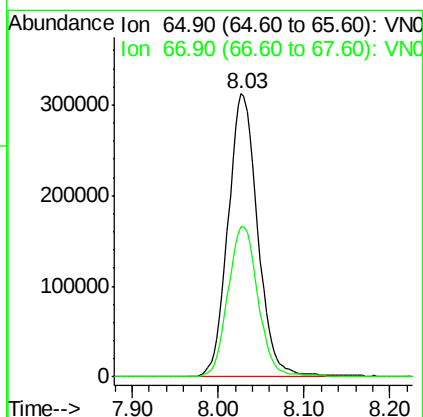
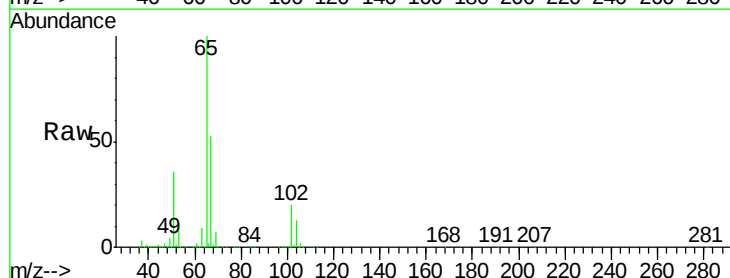
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#02

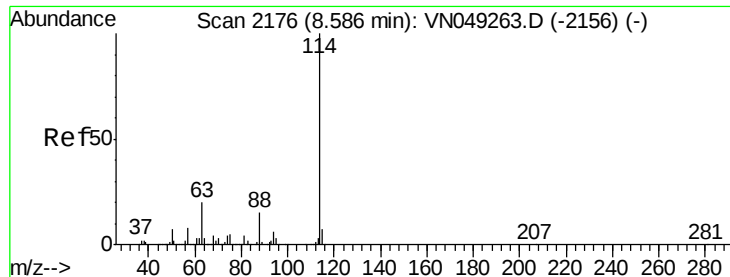
Tot Ion: 43 Resp: 13173
 Ion Ratio Lower Upper
 43 100
 72 21.3 20.2 30.2



#33
 1,2-Dichloroethane-d4
 Concen: 48.72 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049585.D
 Acq: 28 Jun 2018 13:16

Tgt Ion: 65 Resp: 747385
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 103.8

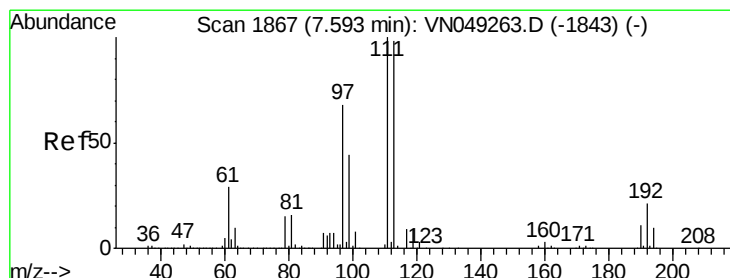
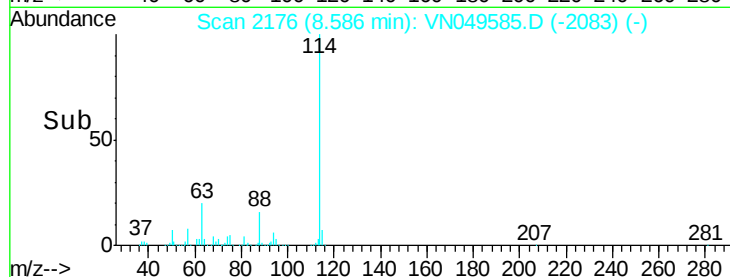
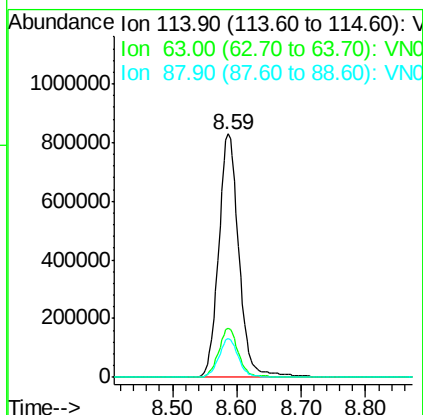
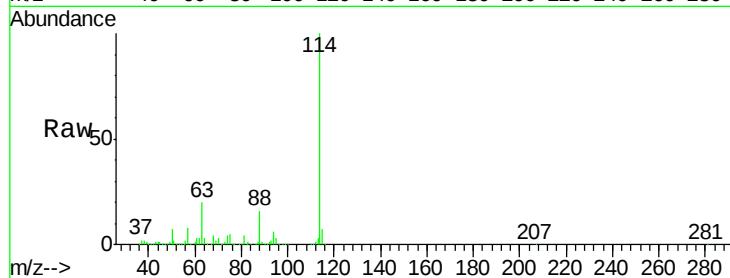




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049585.D
 Acq: 28 Jun 2018 13:16

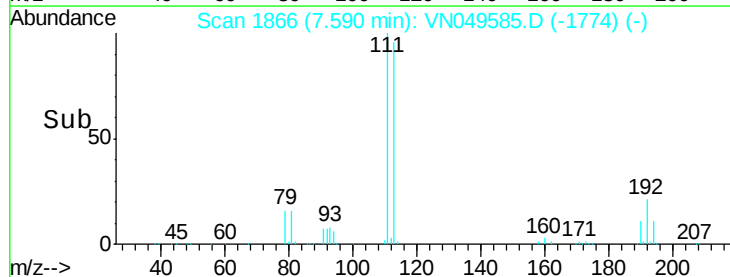
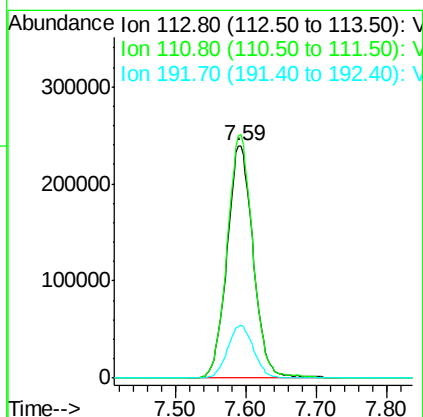
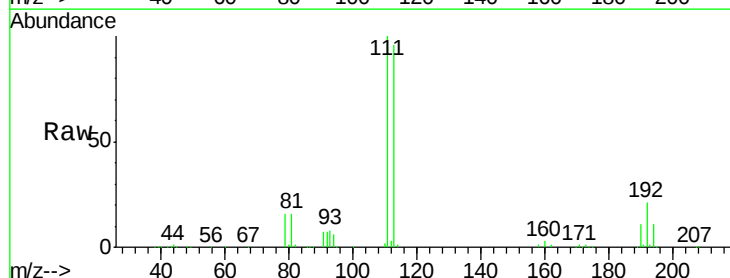
Instrument :
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 ClientSampleId :
 PB110627ZHE#02

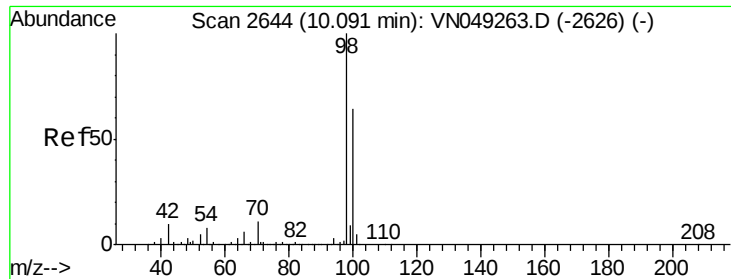
Tot Ion:114 Resp: 1817401
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.4
 88 15.8 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 42.21 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049585.D
 Acq: 28 Jun 2018 13:16

Tgt Ion:113 Resp: 620622
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.4 123.6
 192 22.4 15.0 22.6





#50

Toluene-d8

Concen: 43.61 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

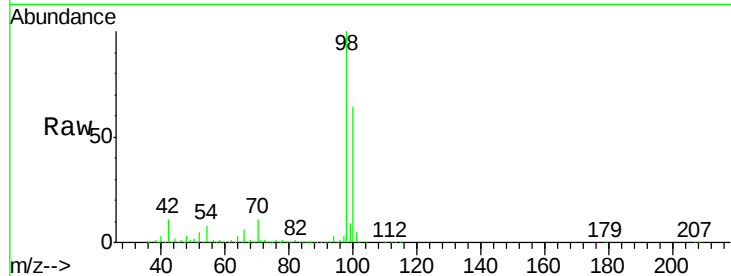
PB110627ZHE#02

Tot Ion: 98 Resp: 2441834

Ion Ratio Lower Upper

98 100

100 64.0 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049263.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049263.D (-2626) (-)

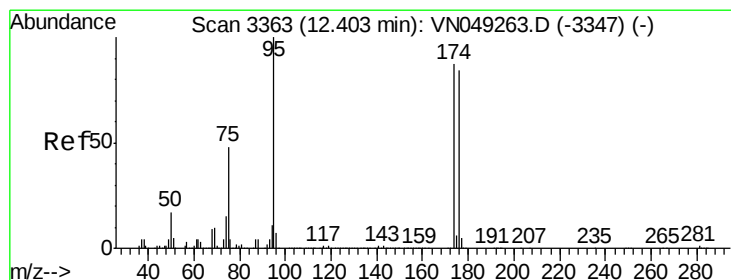
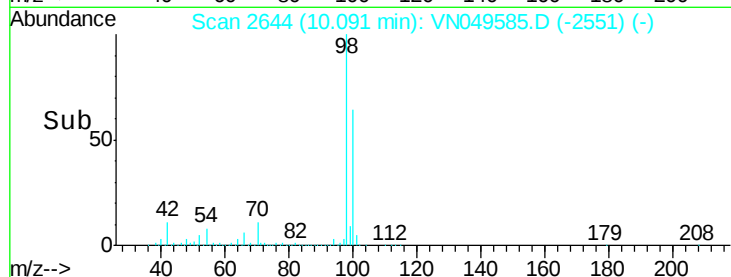
10.09

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 38.78 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

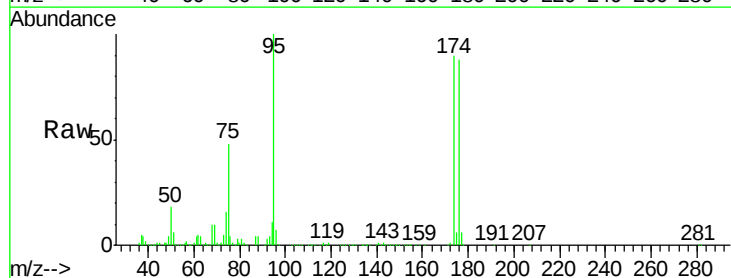
Tgt Ion: 95 Resp: 717905

Ion Ratio Lower Upper

95 100

174 89.1 0.0 165.6

176 87.3 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)

12.40

500000

400000

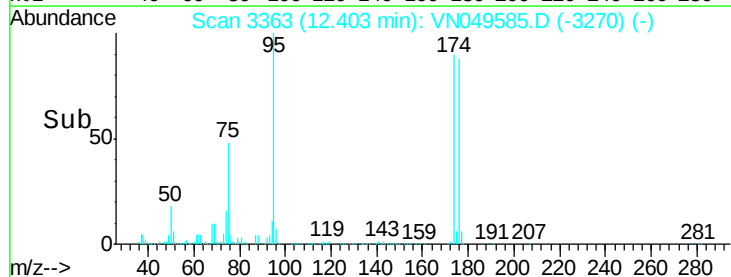
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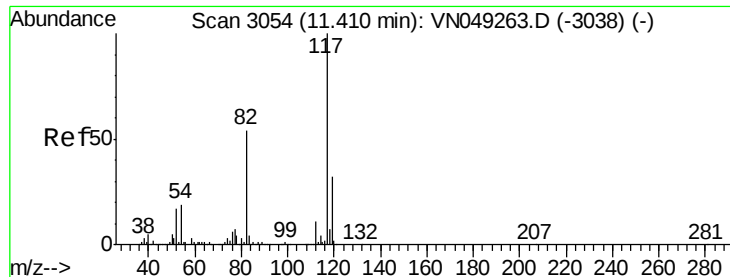
200000

100000

0

Time-->

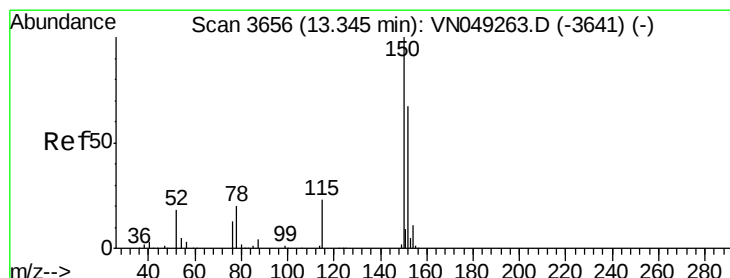
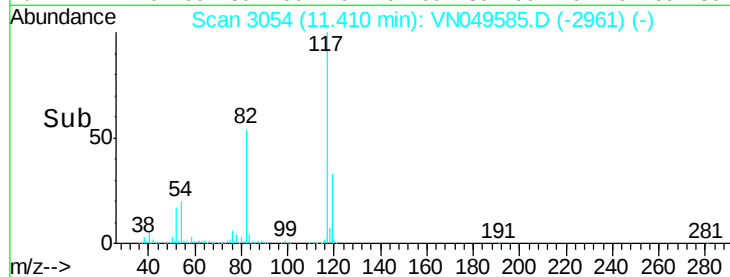
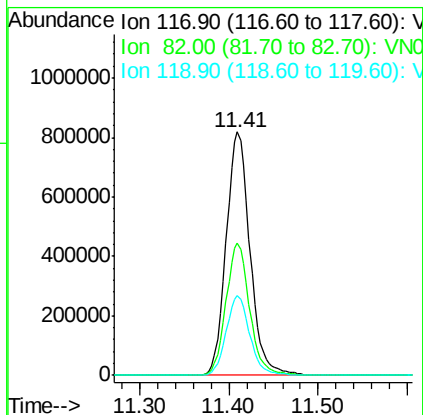
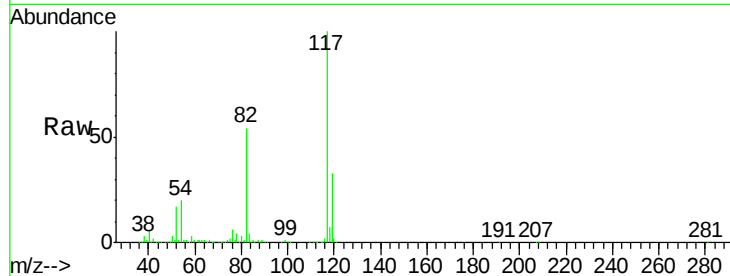




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049585.D
Acq: 28 Jun 2018 13:16

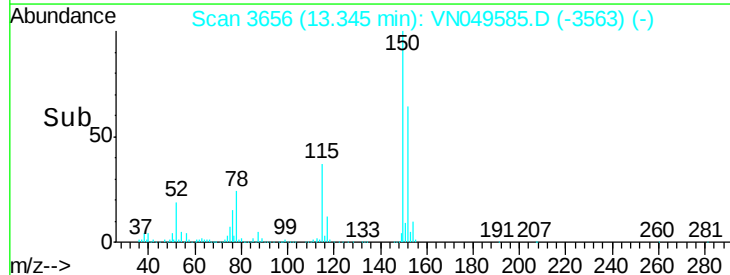
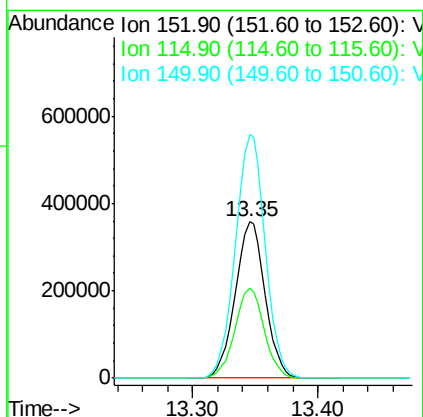
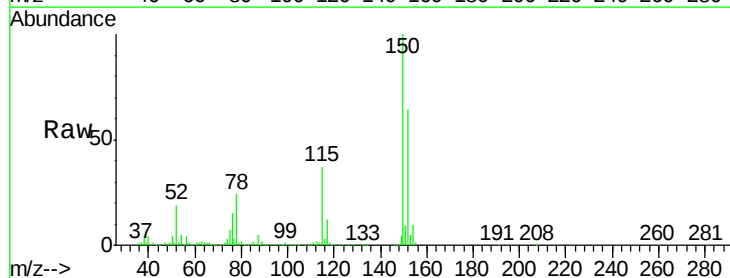
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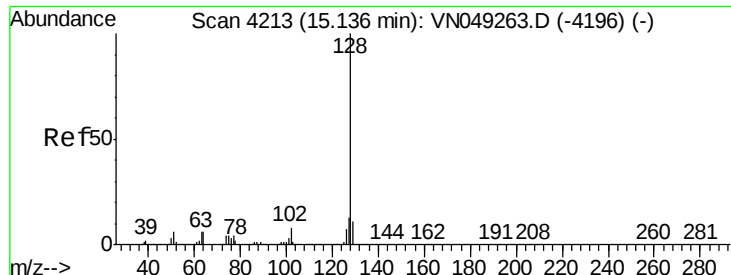
Tot Ion:117 Resp: 1512877
Ion Ratio Lower Upper
117 100
82 54.3 45.9 68.9
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049585.D
Acq: 28 Jun 2018 13:16

Tgt Ion:152 Resp: 587746
Ion Ratio Lower Upper
152 100
115 56.9 28.7 86.1
150 156.5 0.0 351.0





#95

Naphthalene

Concen: 3.12 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

PB110627ZHE#02

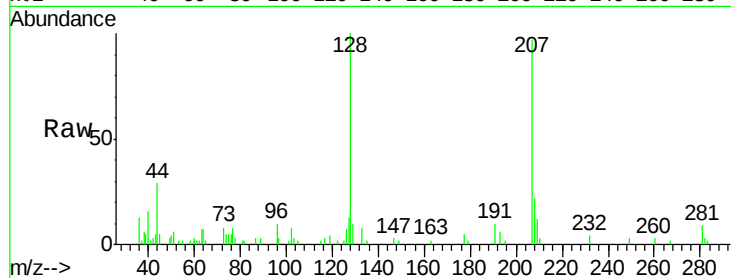
Tot Ion:128 Resp: 17002

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.8 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

