

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049565.D
 Acq On : 26 Jun 2018 20:40
 Operator : MD\SY
 Sample : J3251-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-062518

Quant Time: Jun 27 02:09:58 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	1306318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2073873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1746270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	778835	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	842555	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	7.59	113	743316	44.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.60%	
50) Toluene-d8	10.09	98	2819790	44.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.28%	
62) 4-Bromofluorobenzene	12.40	95	859384	40.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.36%	

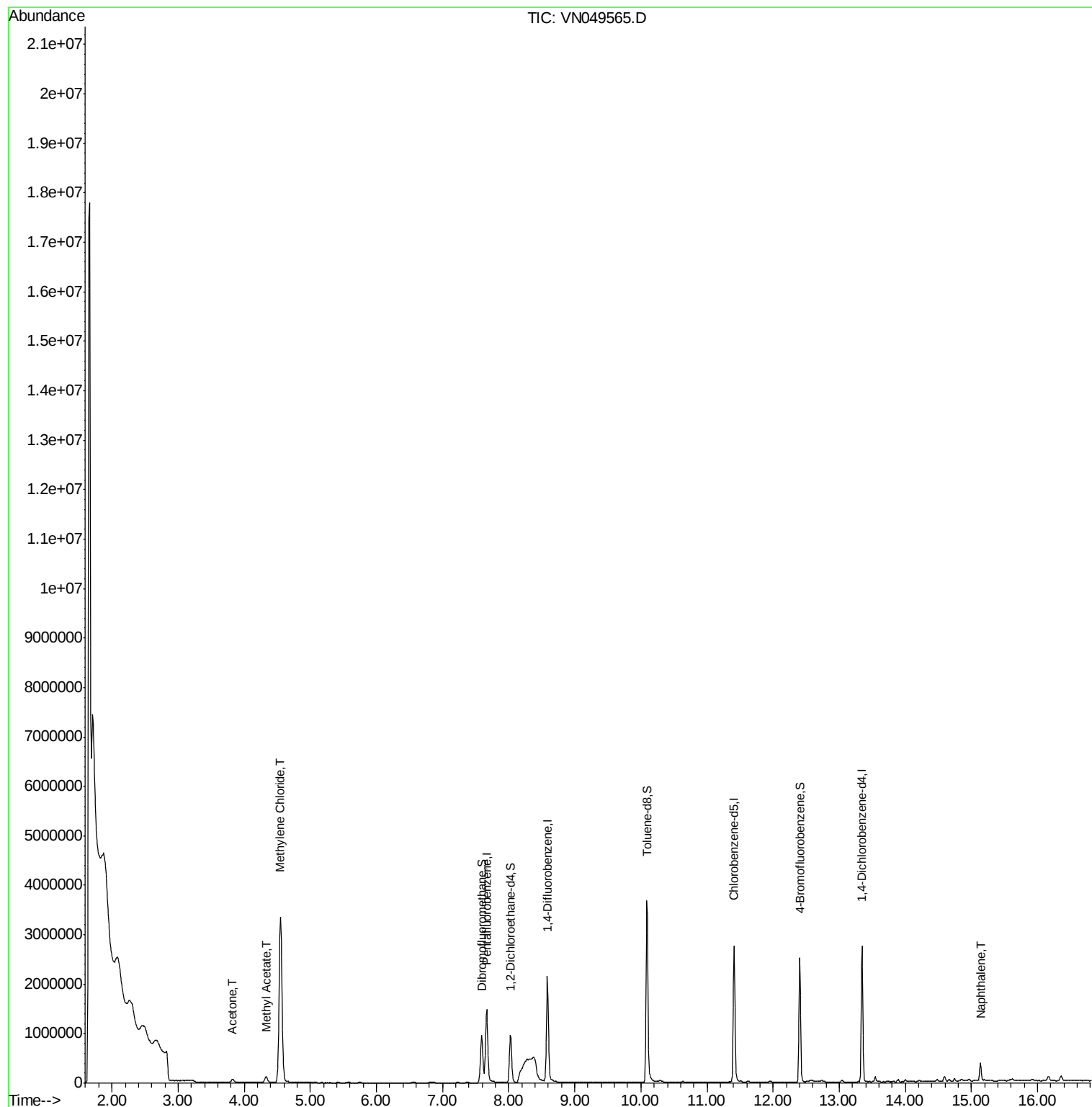
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	140158	33.32	ug/l	# 89
18) Methyl Acetate	4.33	43	222817	17.37	ug/l	95
20) Methylene Chloride	4.55	84	2615411	148.86	ug/l	91
95) Naphthalene	15.14	128	315188	16.10	ug/l	99

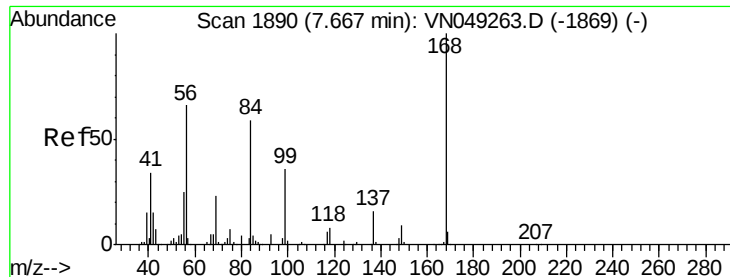
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN049565.D

Acq: 26 Jun 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

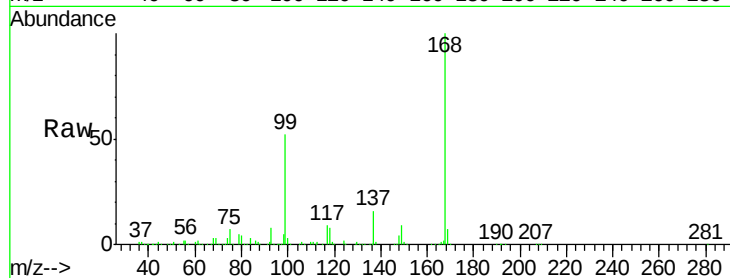
SU-02-062518

Tot Ion:168 Resp: 1306318

Ion Ratio Lower Upper

168 100

99 52.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

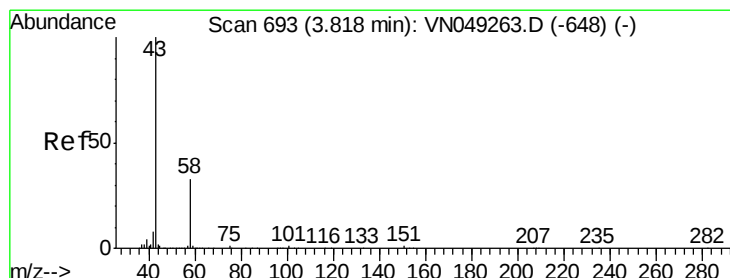
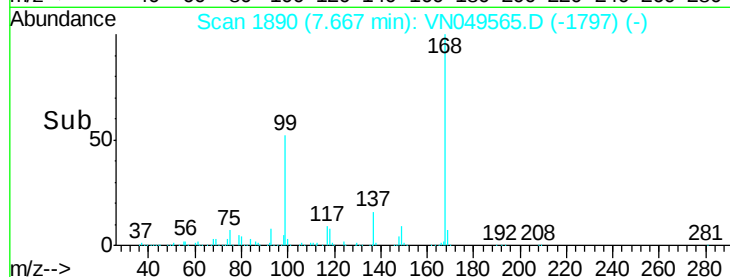
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 33.32 ug/l

RT: 3.82 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN049565.D

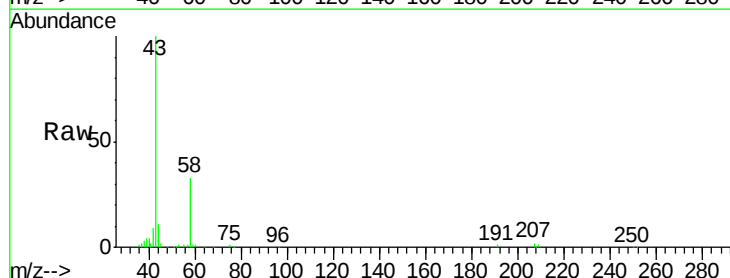
Acq: 26 Jun 2018 20:40

Tgt Ion: 43 Resp: 140158

Ion Ratio Lower Upper

43 100

58 33.8 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

50000

40000

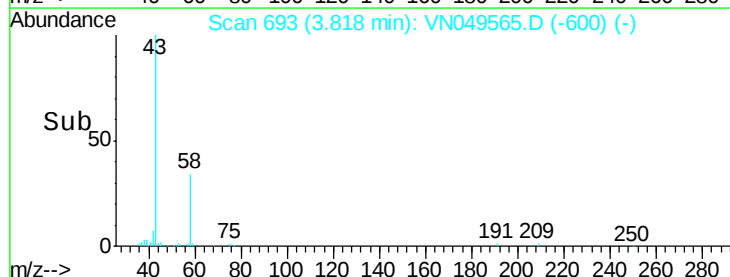
30000

20000

10000

0

Time-->





#18

Methvl Acetate

Concen: 17.37 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049565.D

Acq: 26 Jun 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

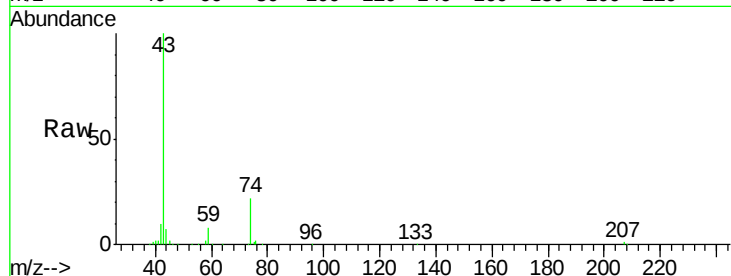
SU-02-062518

Tot Ion: 43 Resp: 222817

Ion Ratio Lower Upper

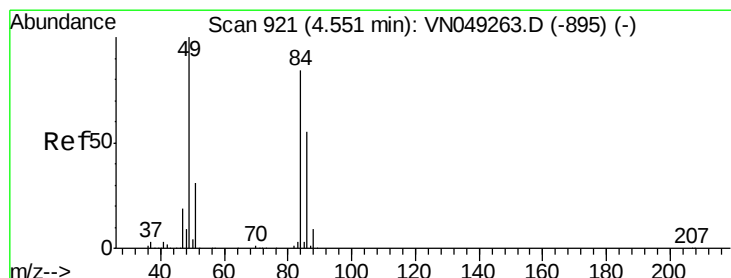
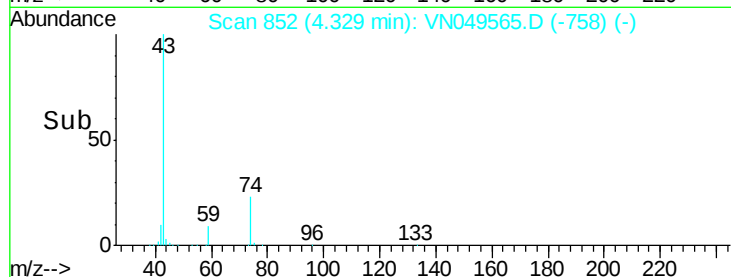
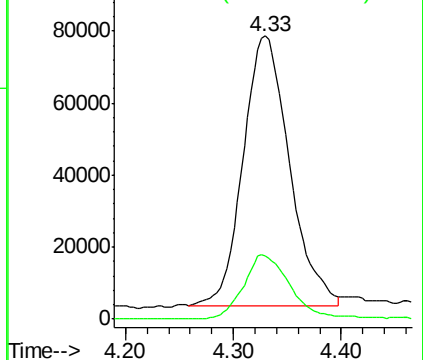
43 100

74 23.9 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 148.86 ug/l

RT: 4.55 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN049565.D

Acq: 26 Jun 2018 20:40

Tgt Ion: 84 Resp: 2615411

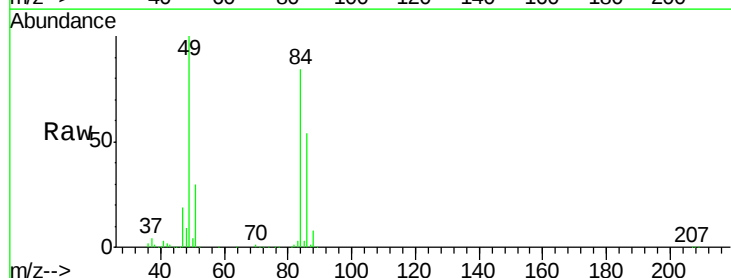
Ion Ratio Lower Upper

84 100

49 119.3 106.9 160.3

51 36.3 32.7 49.1

86 64.3 49.8 74.8

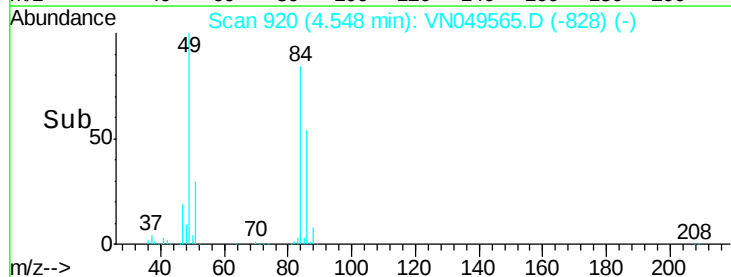
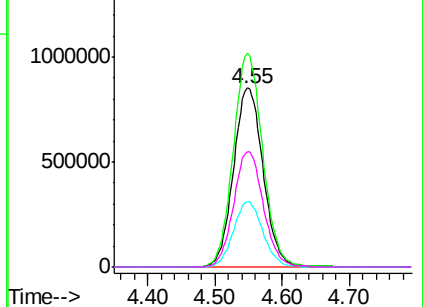


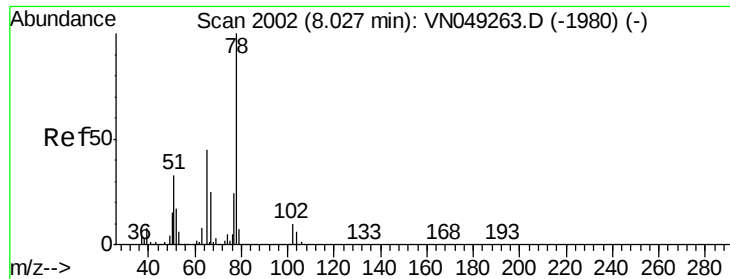
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

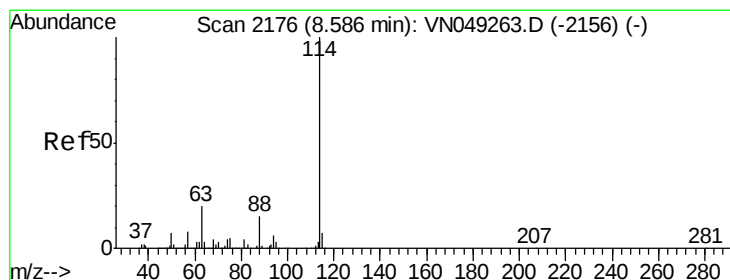
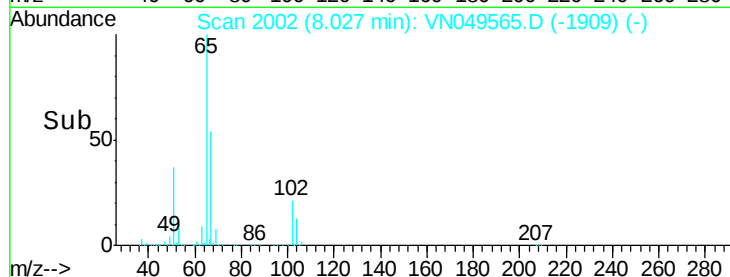
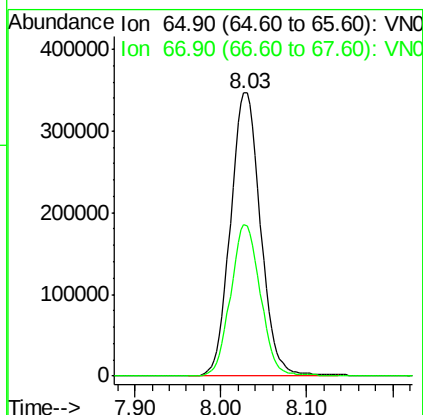
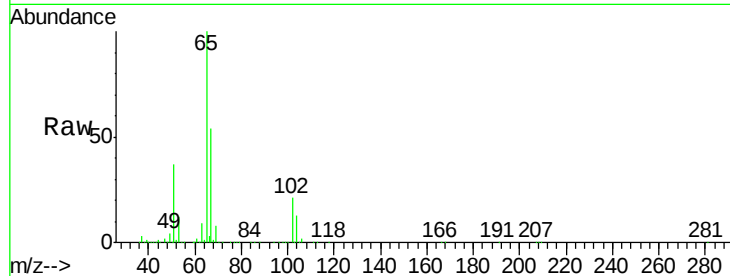




#33
 1,2-Dichloroethane-d4
 Concen: 48.63 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049565.D
 Acq: 26 Jun 2018 20:40

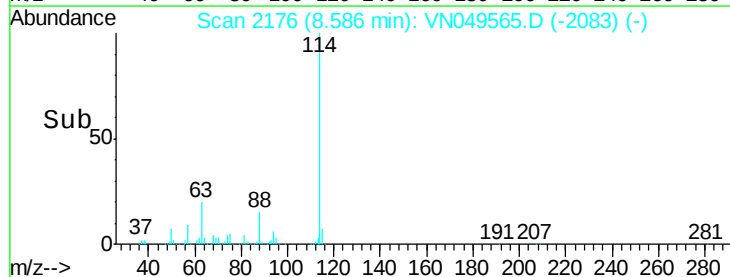
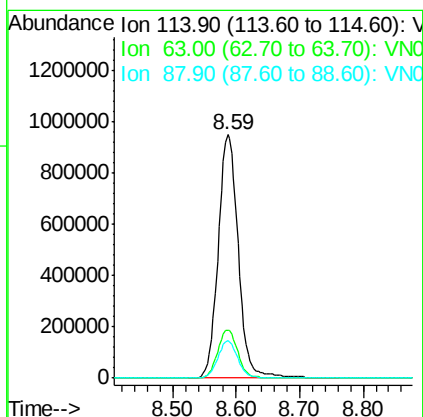
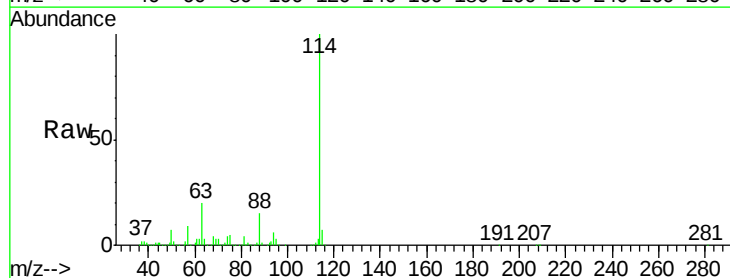
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-062518

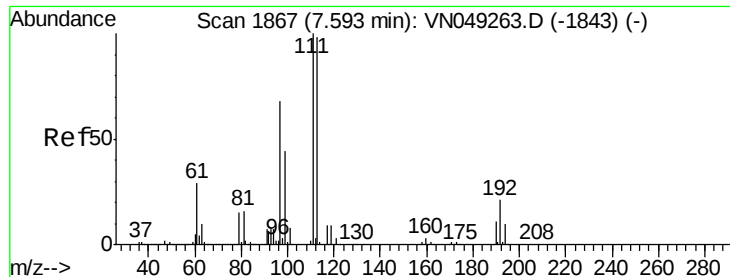
Tot Ion: 65 Resp: 842555
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049565.D
 Acq: 26 Jun 2018 20:40

Tgt Ion: 114 Resp: 2073873
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 44.4
 88 15.3 0.0 31.4

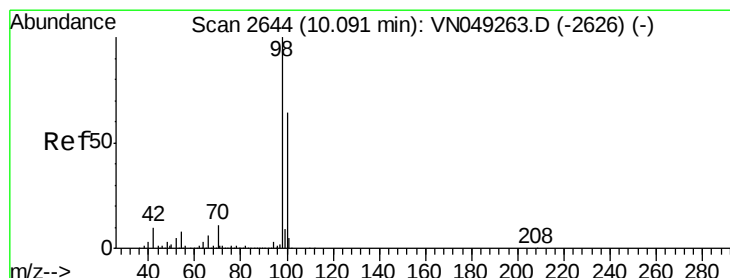
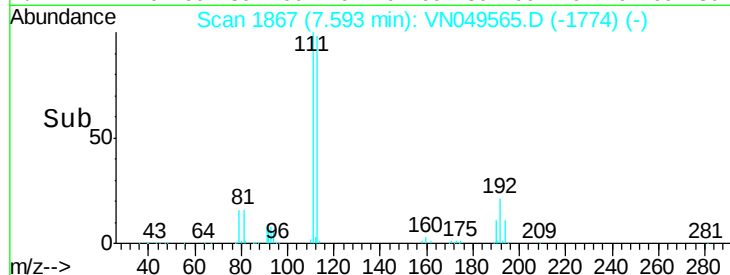
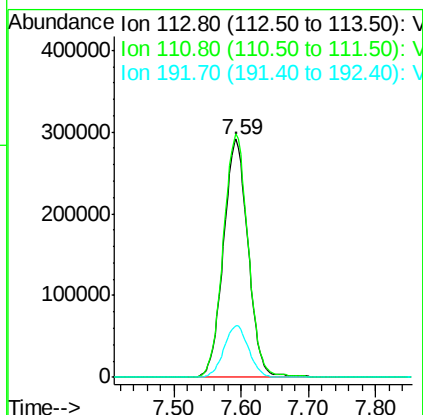
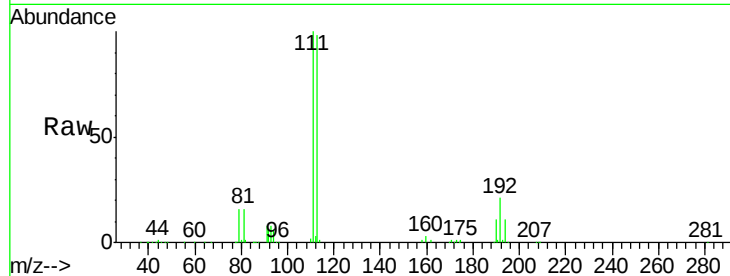




#35
 Dibromofluoromethane
 Concen: 44.30 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049565.D
 Acq: 26 Jun 2018 20:40

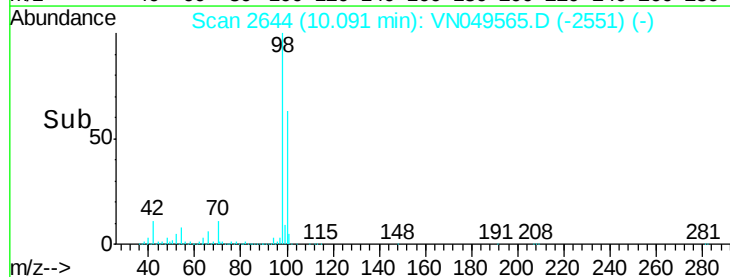
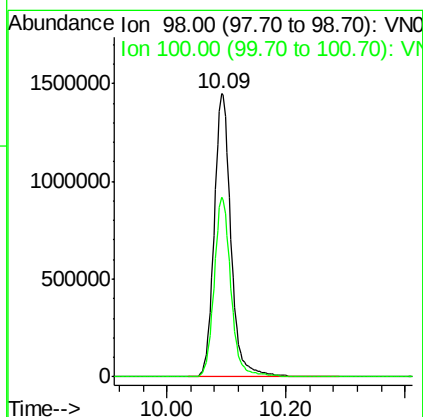
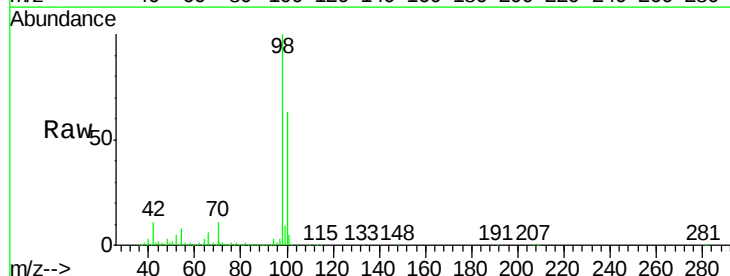
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-062518

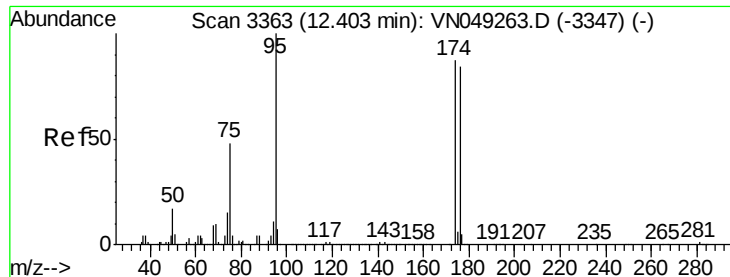
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	21.9	15.0	22.6



#50
 Toluene-d8
 Concen: 44.14 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049565.D
 Acq: 26 Jun 2018 20:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	49.8	74.8

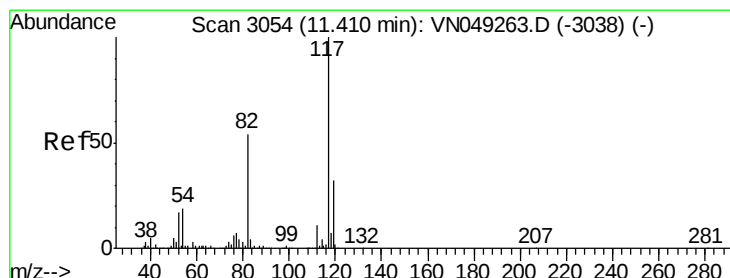
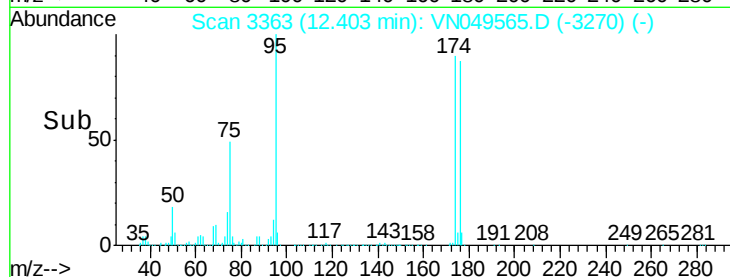
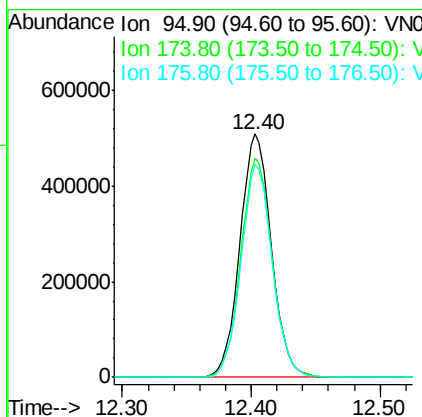
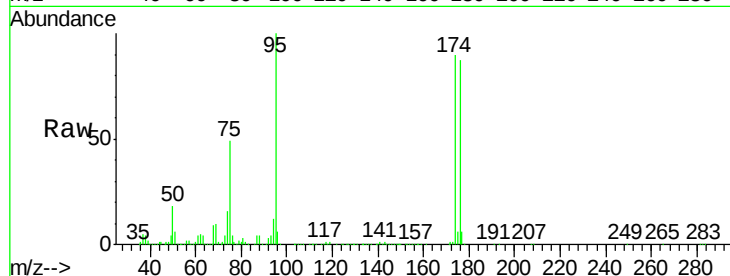




#62
4-Bromofluorobenzene
Concen: 40.68 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049565.D
Acq: 26 Jun 2018 20:40

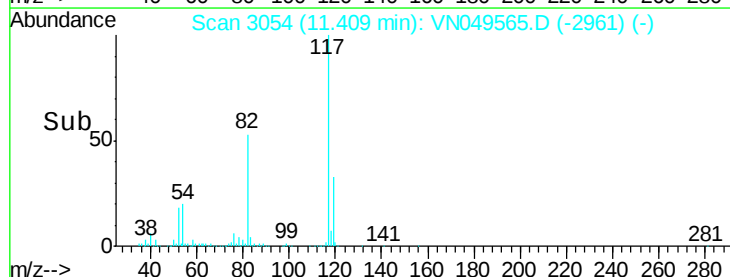
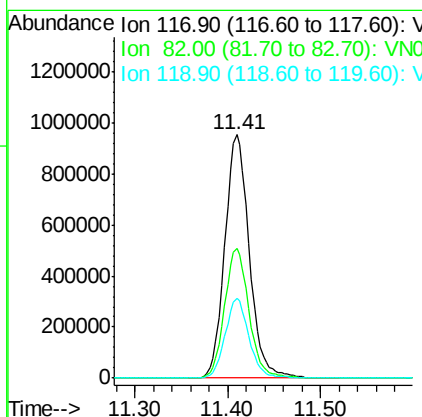
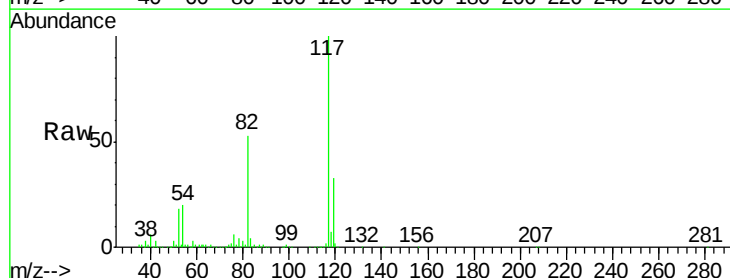
Instrument :
MSVOA_N
ClientSampleId :
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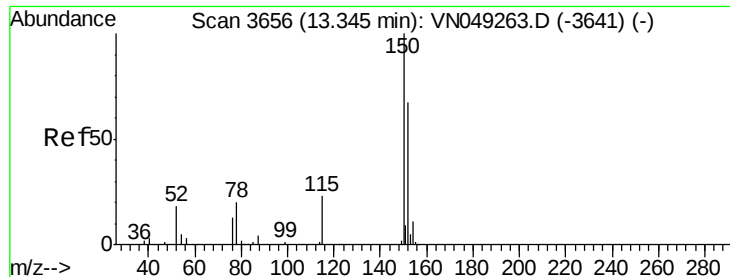
Tot Ion: 95 Resp: 859384
Ion Ratio Lower Upper
95 100
174 90.2 0.0 165.6
176 87.3 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049565.D
Acq: 26 Jun 2018 20:40

Tgt Ion: 117 Resp: 1746270
Ion Ratio Lower Upper
117 100
82 53.4 45.9 68.9
119 33.0 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: VN049565.D

Acq: 26 Jun 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

SU-02-062518

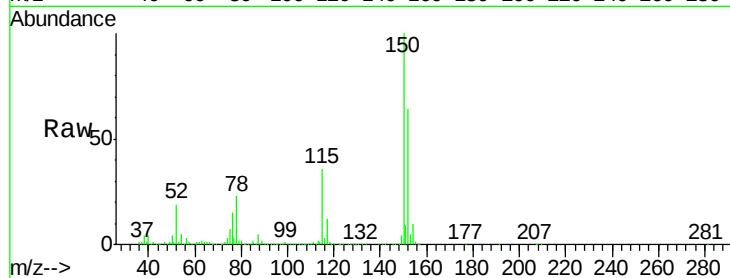
Tot Ion:152 Resp: 778835

Ion Ratio Lower Upper

152 100

115 56.3 28.7 86.1

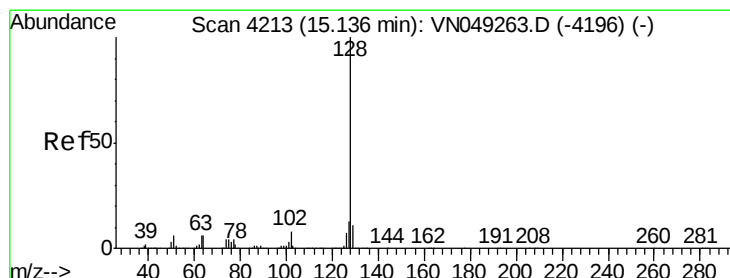
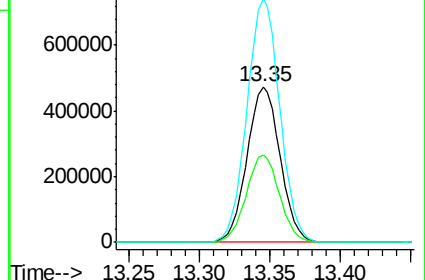
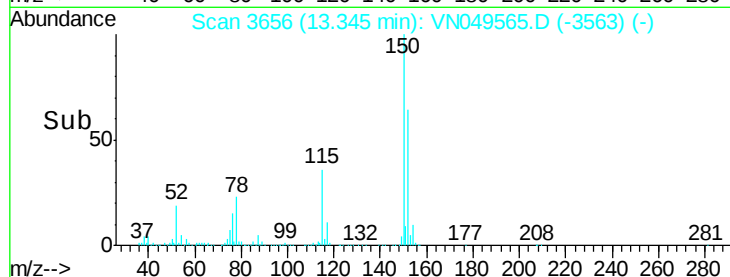
150 155.5 0.0 351.0



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: 16.10 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049565.D

Acq: 26 Jun 2018 20:40

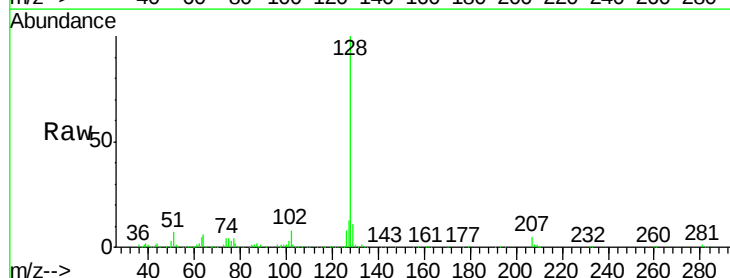
Tgt Ion:128 Resp: 315188

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.2 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

