

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049919.D
 Acq On : 19 Jul 2018 16:24
 Operator : MD\SY
 Sample : PB111251ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#06

Quant Time: Jul 20 02:08:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	569039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	963393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	809762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	306697	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	408056	52.17	ug/l	0.00
Spiked Amount			Recovery	=	104.34%	
35) Dibromofluoromethane	7.59	113	361012	44.64	ug/l	0.00
Spiked Amount			Recovery	=	89.28%	
50) Toluene-d8	10.09	98	1284234	43.58	ug/l	0.00
Spiked Amount			Recovery	=	87.16%	
62) 4-Bromofluorobenzene	12.40	95	356920	35.17	ug/l	0.00
Spiked Amount			Recovery	=	70.34%	

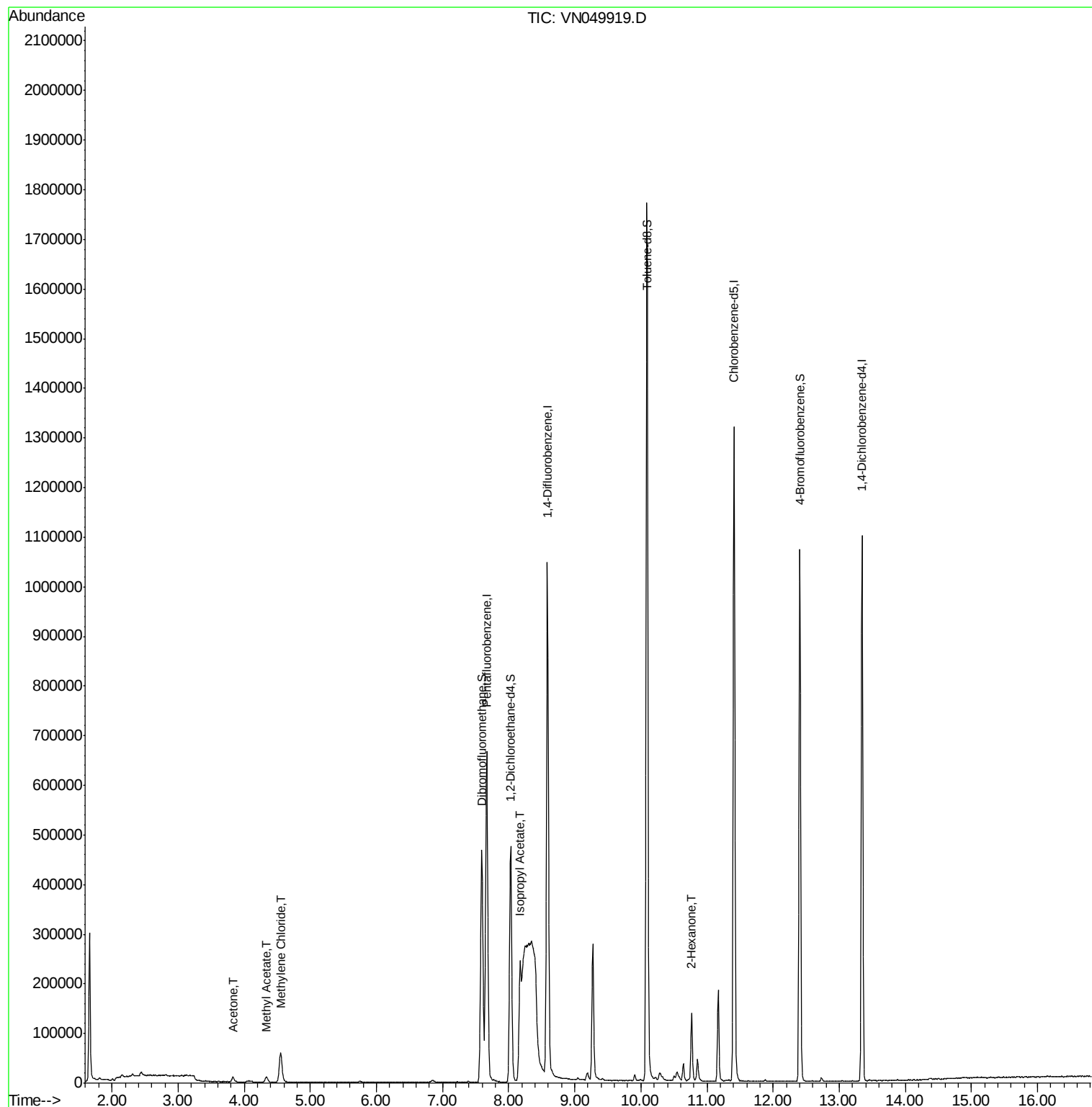
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	16581	8.19	ug/l	96
18) Methyl Acetate	4.34	43	18673	2.14	ug/l	98
20) Methylene Chloride	4.55	84	45740	5.94	ug/l	95
43) Isopropyl Acetate	8.17	43	294010	22.88	ug/l	94
59) 2-Hexanone	10.77	43	19692	4.08	ug/l #	56

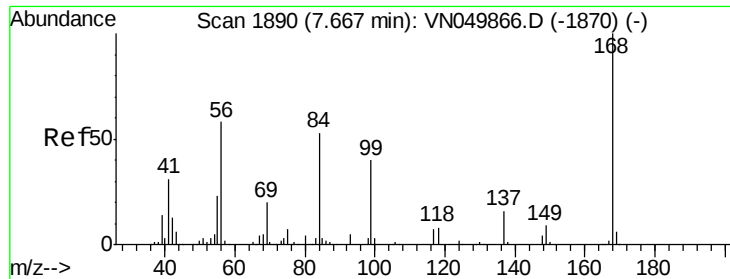
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
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: VN049919.D

Acq: 19 Jul 2018 16:24

Instrument :

MSVOA_N

ClientSampleId :

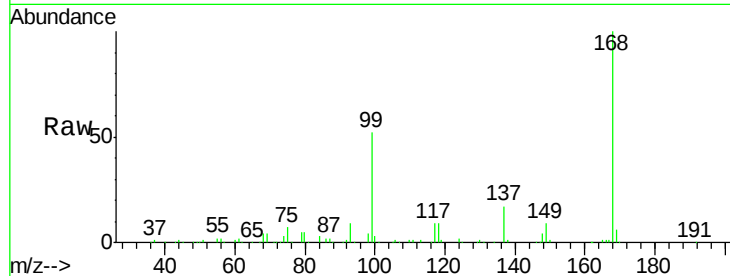
PB111251ZHE#06

Tot Ion:168 Resp: 569039

Ion Ratio Lower Upper

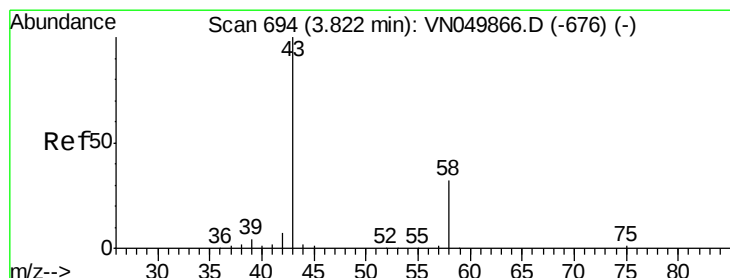
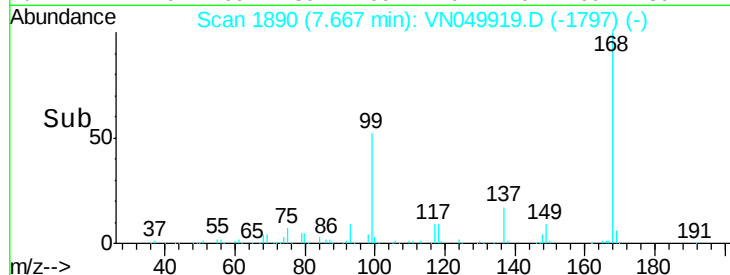
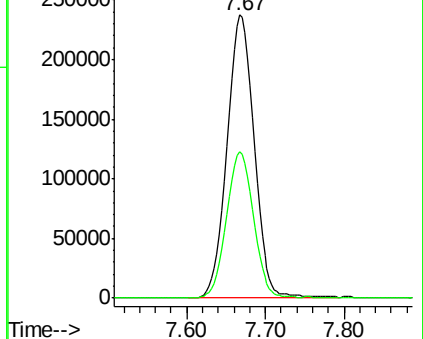
168 100

99 51.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 8.19 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049919.D

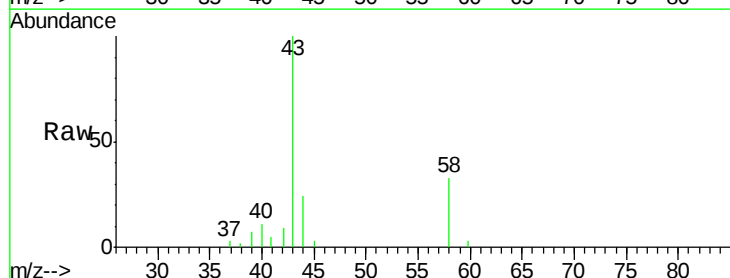
Acq: 19 Jul 2018 16:24

Tgt Ion: 43 Resp: 16581

Ion Ratio Lower Upper

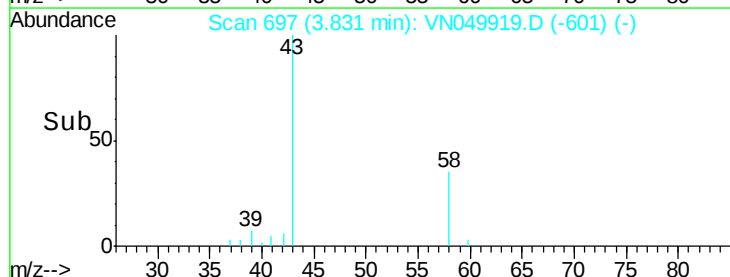
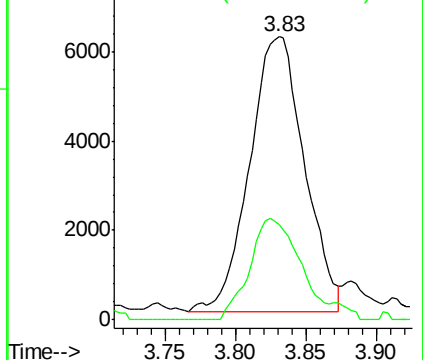
43 100

58 34.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

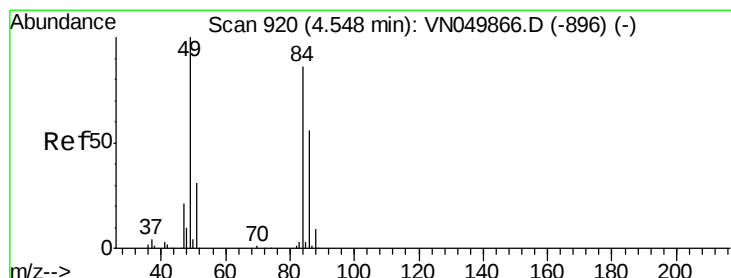
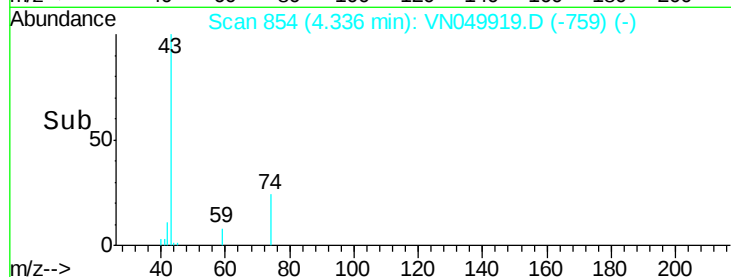
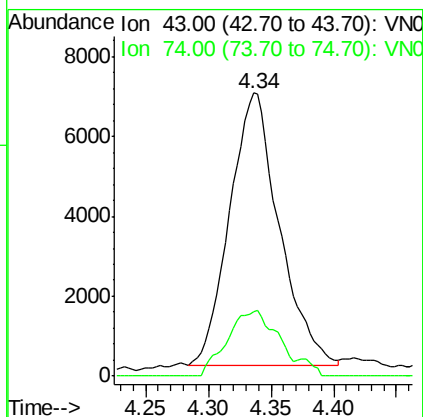
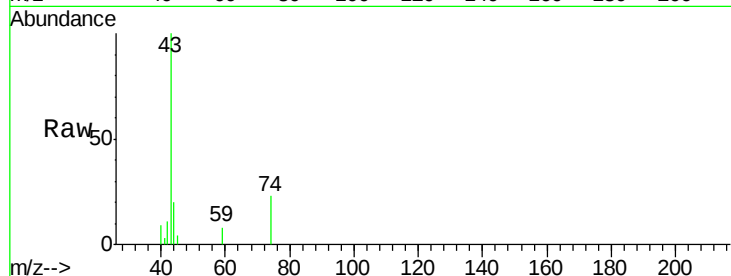




#18
Methvl Acetate
Concen: 2.14 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049919.D
Acq: 19 Jul 2018 16:24

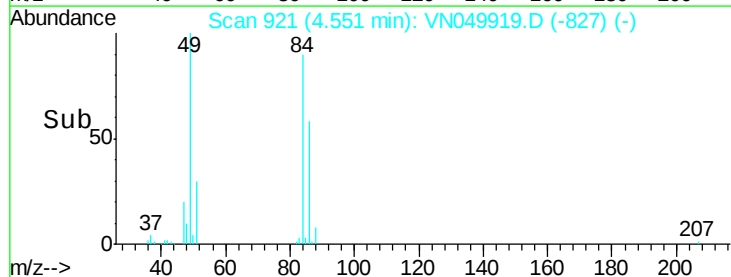
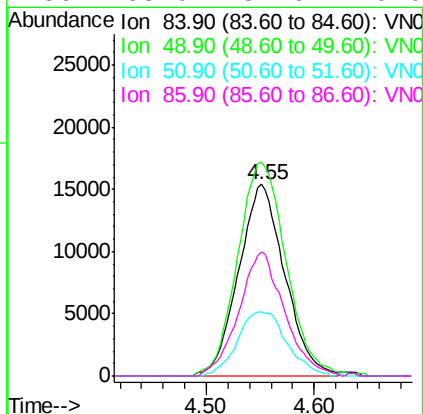
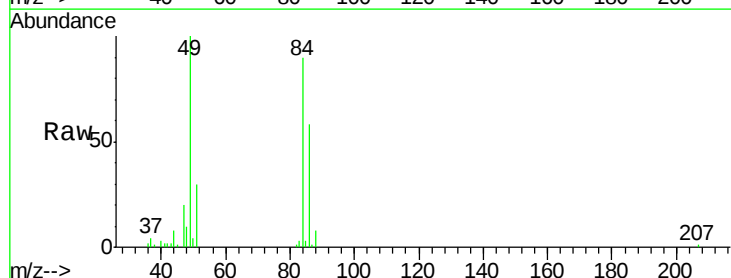
Instrument :
MSVOA_N
ClientSampleId :
PB111251ZHE#06

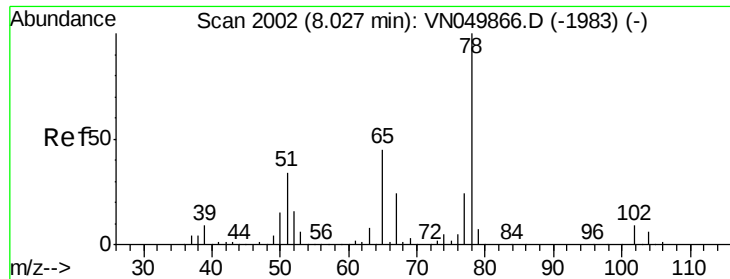
Tot Ion: 43 Resp: 18673
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.8



#20
Methylene Chloride
Concen: 5.94 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049919.D
Acq: 19 Jul 2018 16:24

Tgt Ion: 84 Resp: 45740
Ion Ratio Lower Upper
84 100
49 111.3 95.4 143.2
51 33.5 28.4 42.6
86 65.0 52.6 79.0

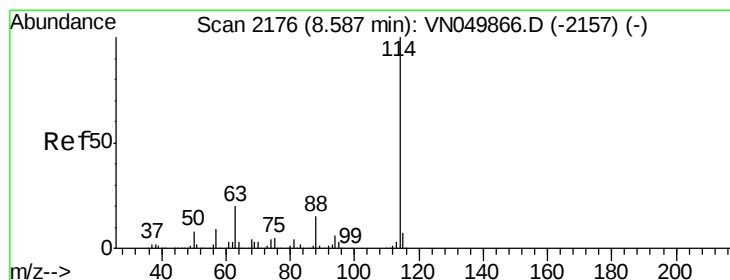
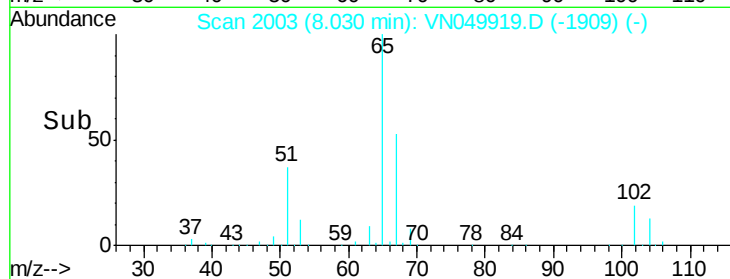
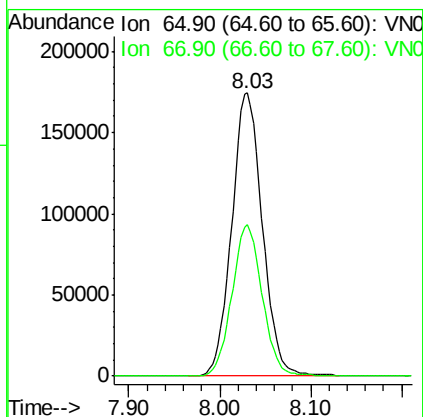
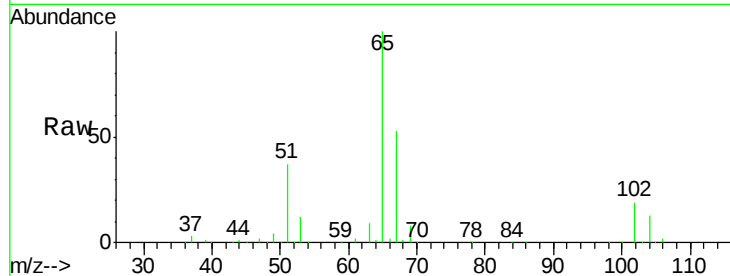




#33
 1,2-Dichloroethane-d4
 Concen: 52.17 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049919.D
 Acq: 19 Jul 2018 16:24

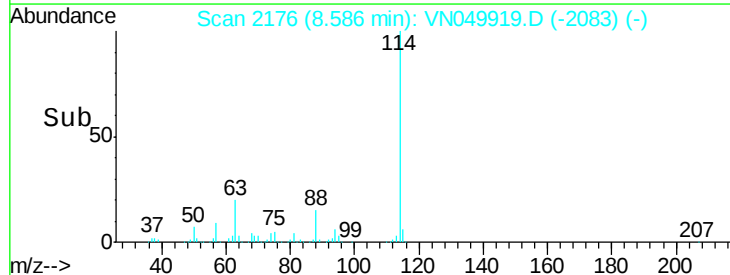
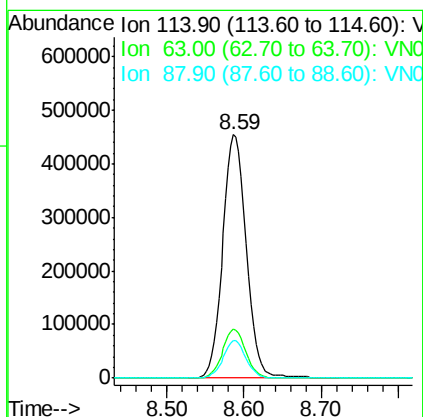
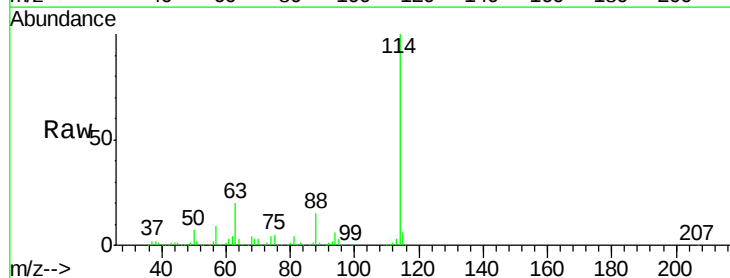
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#06

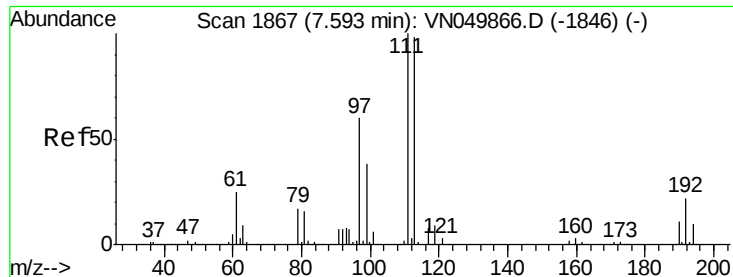
Tot Ion: 65 Resp: 408056
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049919.D
 Acq: 19 Jul 2018 16:24

Tgt Ion: 114 Resp: 963393
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.4 0.0 30.6

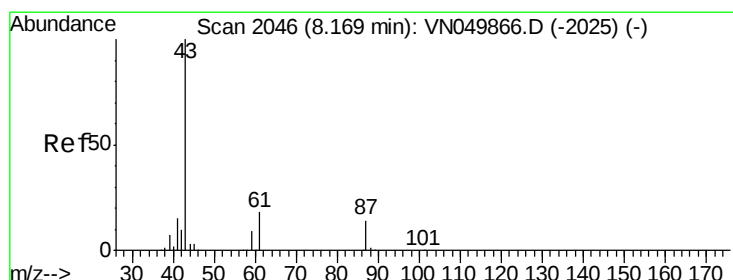
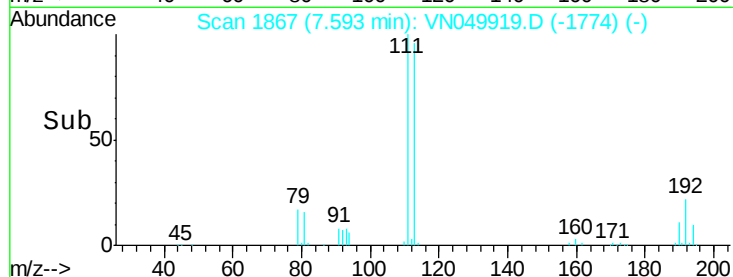
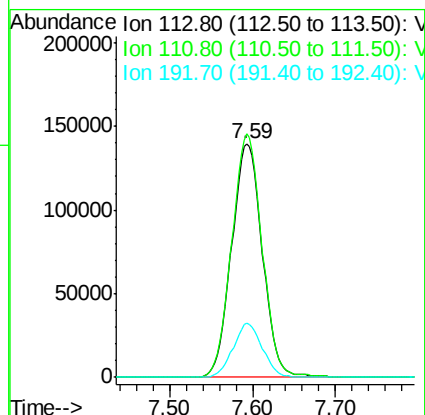
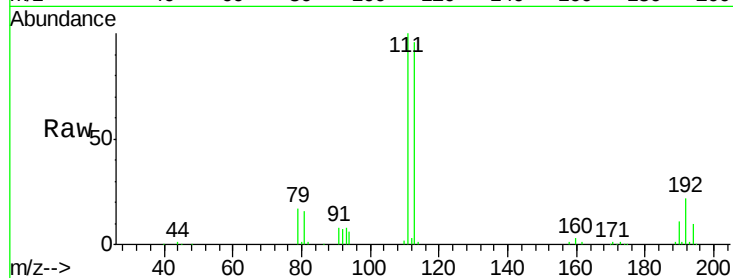




#35
 Dibromofluoromethane
 Concen: 44.64 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049919.D
 Acq: 19 Jul 2018 16:24

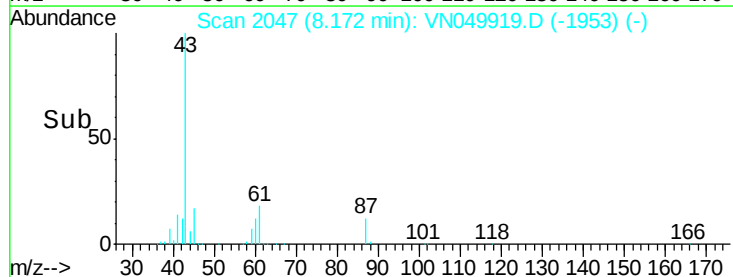
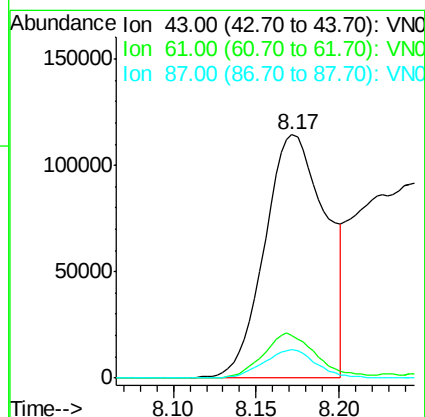
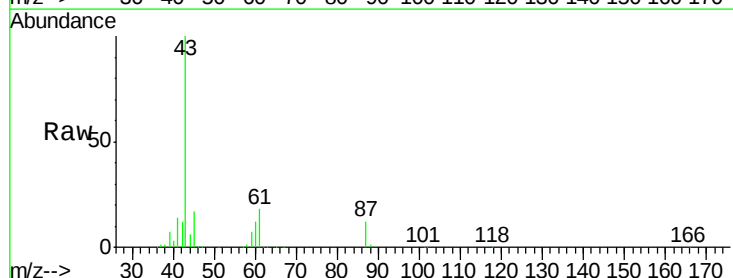
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#06

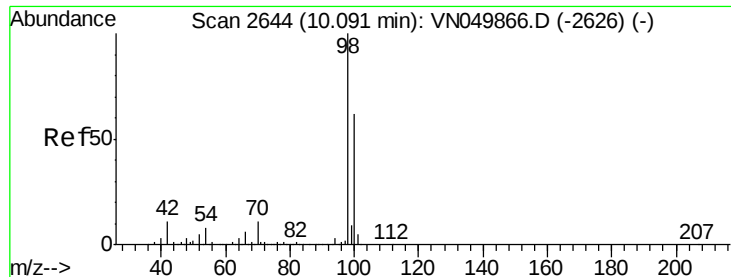
Tot Ion:113 Resp: 361012
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.8 122.8
 192 21.9 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 22.88 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049919.D
 Acq: 19 Jul 2018 16:24

Tgt Ion: 43 Resp: 294010
 Ion Ratio Lower Upper
 43 100
 61 16.0 14.9 22.3
 87 10.0 10.0 15.0





#50

Toluene-d8

Concen: 43.58 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049919.D

Acq: 19 Jul 2018 16:24

Instrument :

MSVOA_N

ClientSampleId :

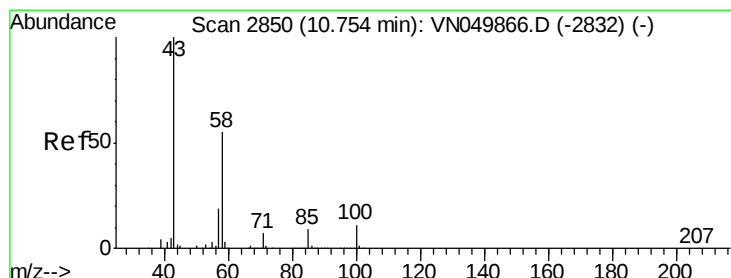
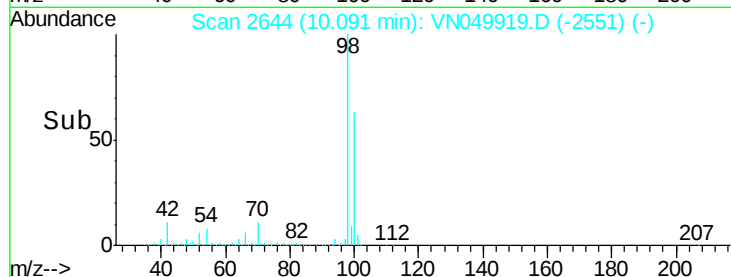
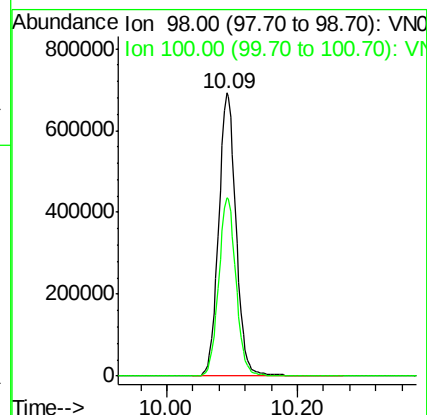
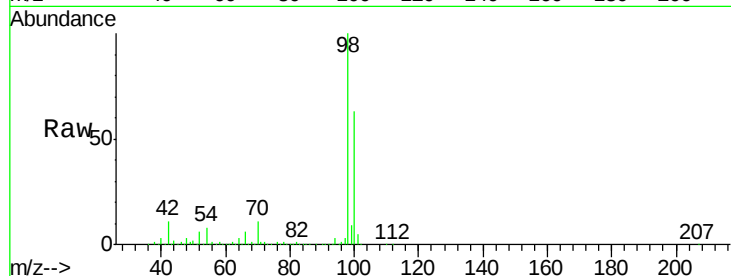
PB111251ZHE#06

Tot Ion: 98 Resp: 1284234

Ion Ratio Lower Upper

98 100

100 62.9 51.7 77.5



#59

2-Hexanone

Concen: 4.08 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049919.D

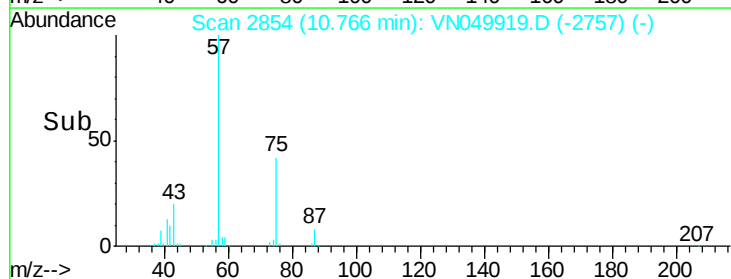
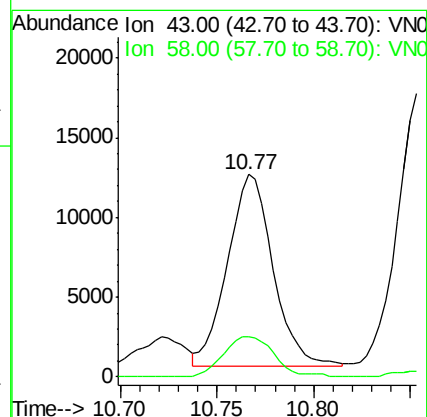
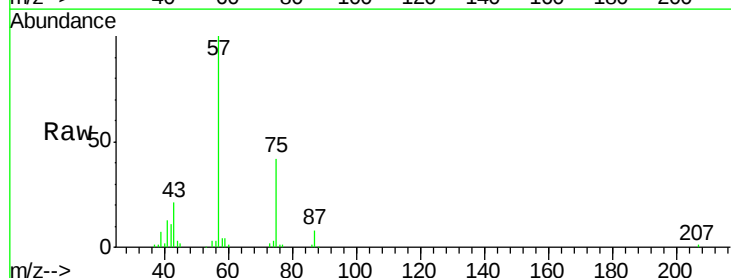
Acq: 19 Jul 2018 16:24

Tgt Ion: 43 Resp: 19692

Ion Ratio Lower Upper

43 100

58 23.6 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 35.17 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049919.D

Acq: 19 Jul 2018 16:24

Instrument :

MSVOA_N

ClientSampleId :

PB111251ZHE#06

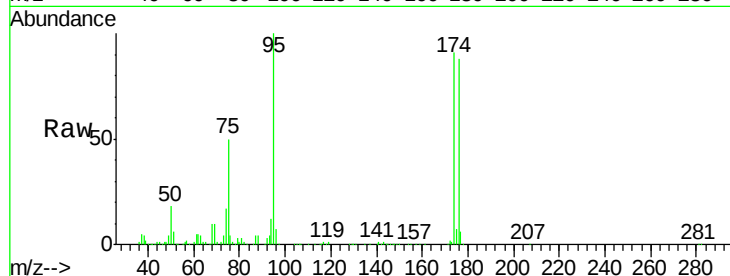
Tot Ion: 95 Resp: 356920

Ion Ratio Lower Upper

95 100

174 91.6 0.0 179.6

176 88.3 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049919.D (-2961) (-)

Ion 173.80 (173.50 to 174.50): VN049919.D (-2961) (-)

Ion 175.80 (175.50 to 176.50): VN049919.D (-2961) (-)

12.40

250000

200000

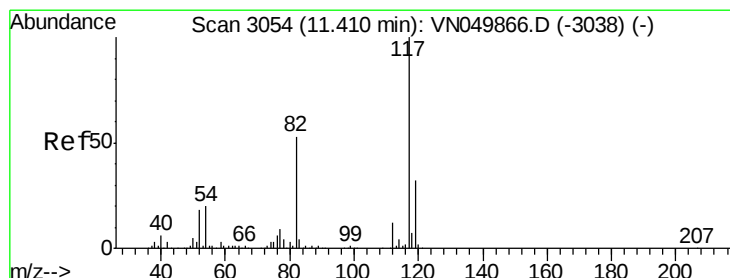
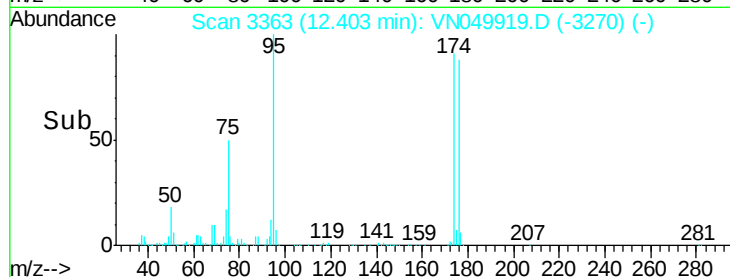
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049919.D

Acq: 19 Jul 2018 16:24

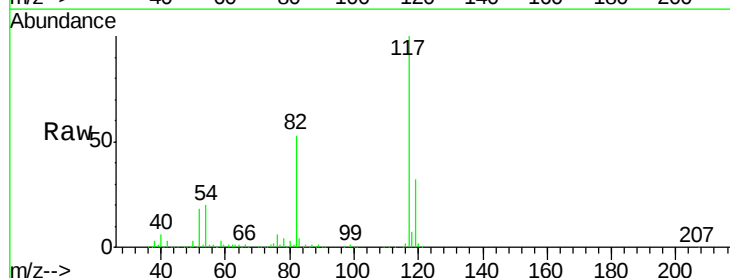
Tgt Ion: 117 Resp: 809762

Ion Ratio Lower Upper

117 100

82 53.5 41.9 62.9

119 32.2 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN049919.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049919.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049919.D (-2961) (-)

11.41

600000

500000

400000

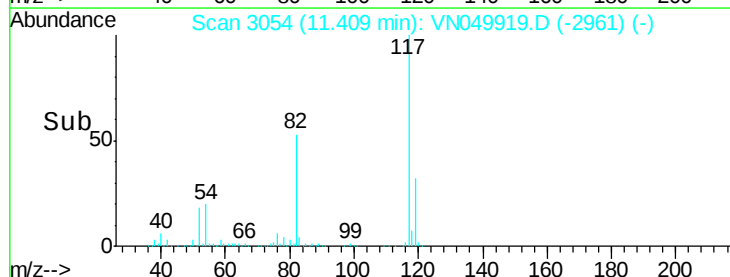
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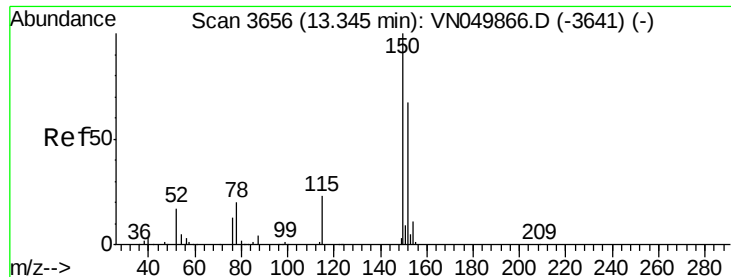
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049919.D

Acq: 19 Jul 2018 16:24

Instrument :

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PB111251ZHE#06

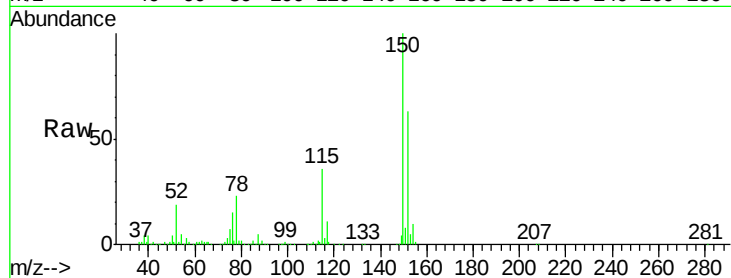
Tot Ion:152 Resp: 306697

Ion Ratio Lower Upper

152 100

115 56.8 28.1 84.2

150 157.3 0.0 347.6



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

