

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050229.D
 Acq On : 31 Jul 2018 21:05
 Operator : MD\SY
 Sample : PB111613ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111613ZHE#05

Quant Time: Aug 01 04:52:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	627803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1061891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	898011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	320440	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	460338	52.55	ug/l	0.00
Spiked Amount			Recovery	=	105.10%	
35) Dibromofluoromethane	7.59	113	408158	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
50) Toluene-d8	10.09	98	1428044	44.80	ug/l	0.00
Spiked Amount			Recovery	=	89.60%	
62) 4-Bromofluorobenzene	12.40	95	390885	37.24	ug/l	0.00
Spiked Amount			Recovery	=	74.48%	

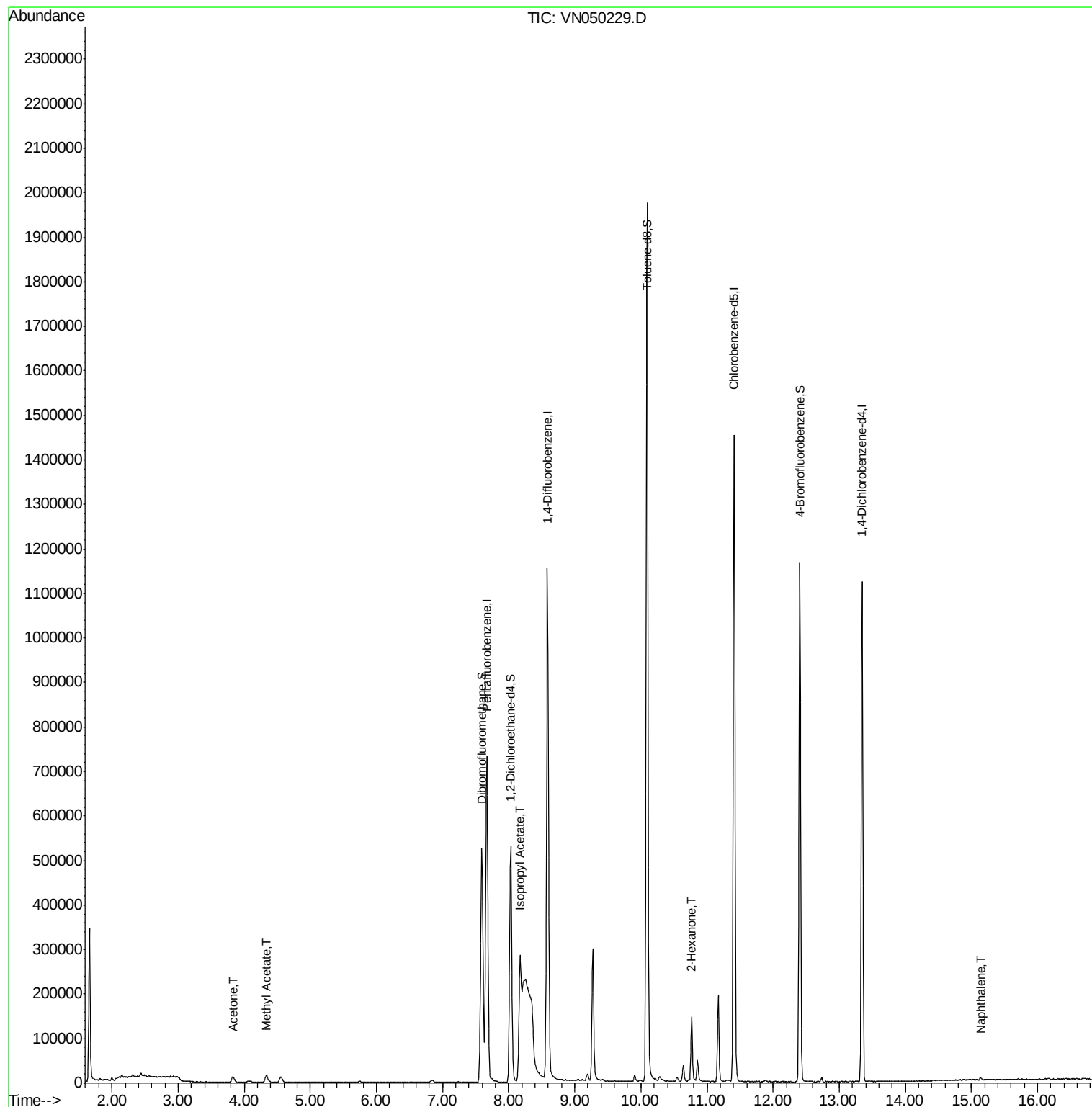
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	23821	7.330	ug/l	97
18) Methyl Acetate	4.34	43	30222	2.208	ug/l	94
43) Isopropyl Acetate	8.17	43	350107	21.627	ug/l #	93
59) 2-Hexanone	10.77	43	19538	8.350	ug/l #	61
95) Naphthalene	15.14	128	4080	4.669	ug/l #	93

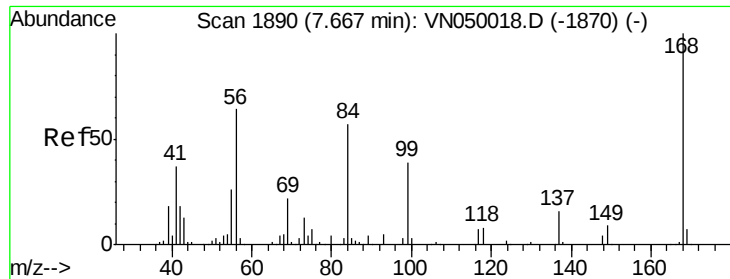
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.00 min

Lab File: VN050229.D

Acq: 31 Jul 2018 21:05

Instrument :

MSVOA_N

ClientSampleId :

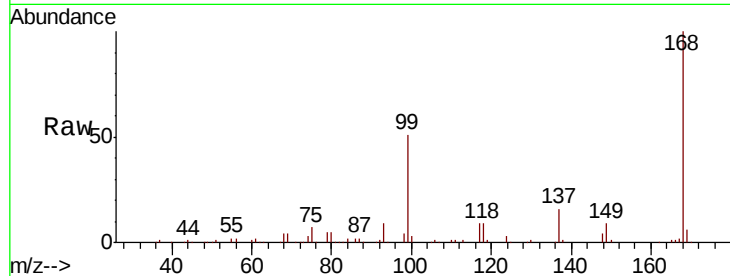
PB111613ZHE#05

Tot Ion:168 Resp: 627803

Ion Ratio Lower Upper

168 100

99 51.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

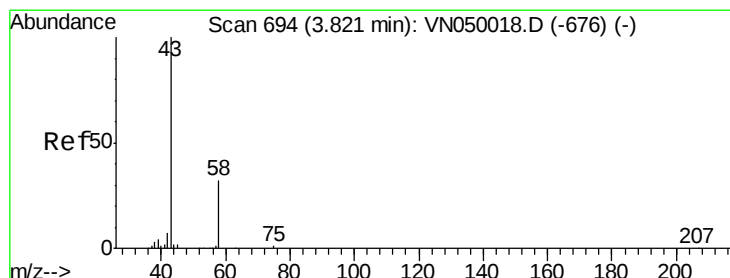
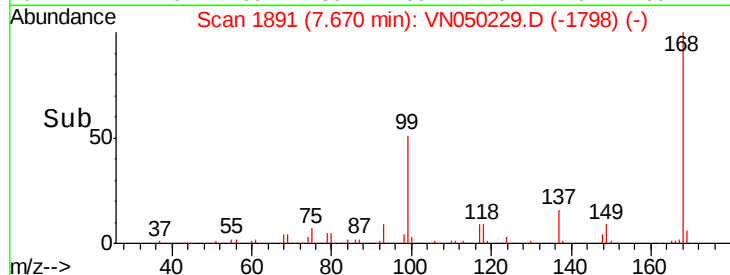
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.330 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050229.D

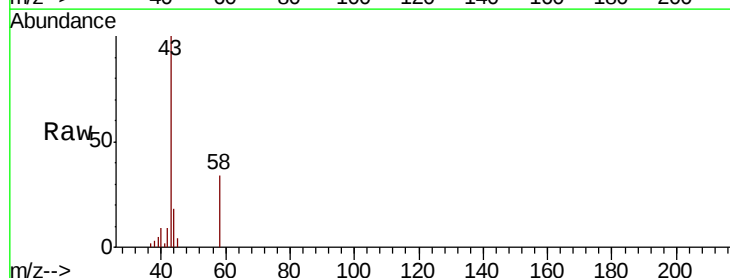
Acq: 31 Jul 2018 21:05

Tgt Ion: 43 Resp: 23821

Ion Ratio Lower Upper

43 100

58 33.9 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

8000

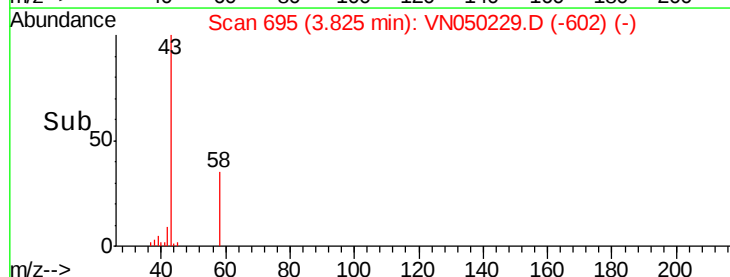
6000

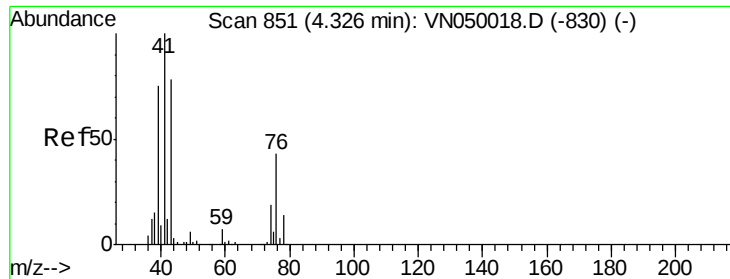
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2000

0

Time-->

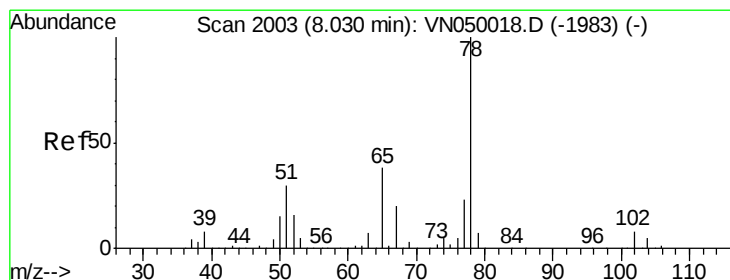
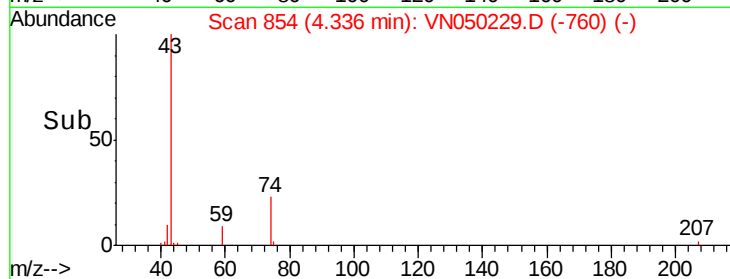
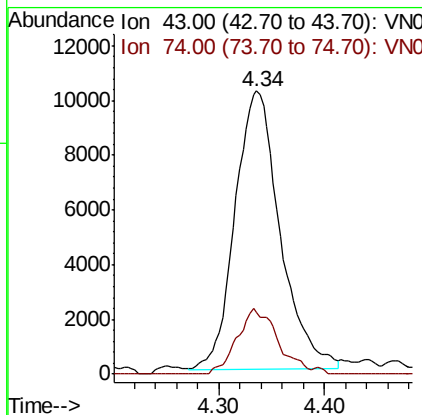
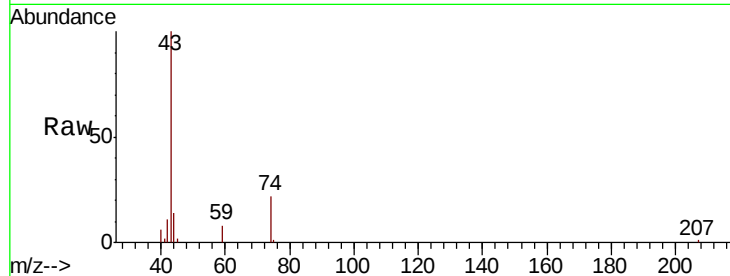




#18
Methvl Acetate
Concen: 2.208 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050229.D
Acq: 31 Jul 2018 21:05

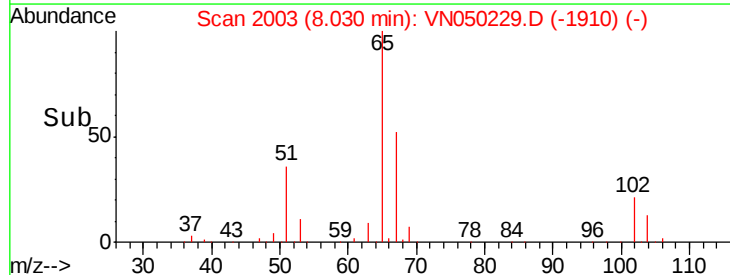
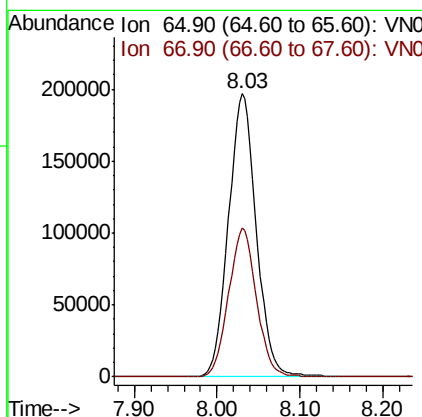
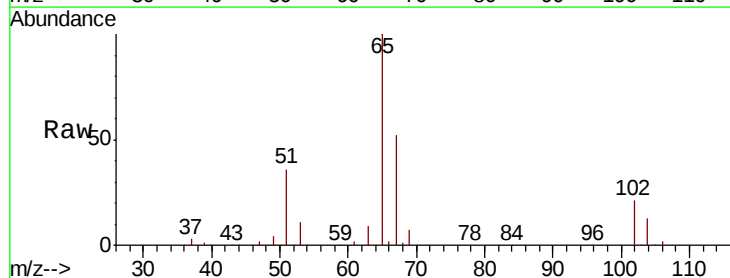
Instrument :
MSVOA_N
ClientSampleId :
PB111613ZHE#05

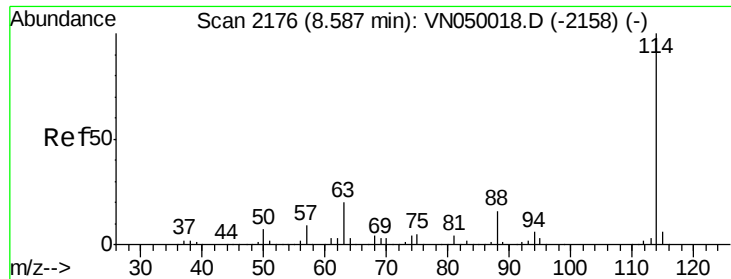
Tot Ion: 43 Resp: 30222
Ion Ratio Lower Upper
43 100
74 21.3 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 52.554 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. -0.00 min
Lab File: VN050229.D
Acq: 31 Jul 2018 21:05

Tgt Ion: 65 Resp: 460338
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.4

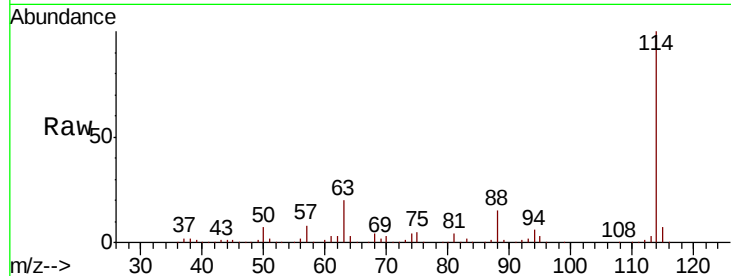




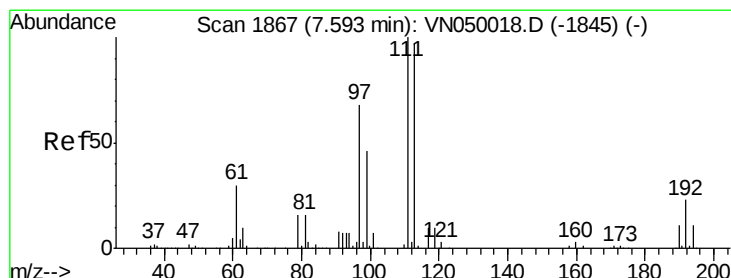
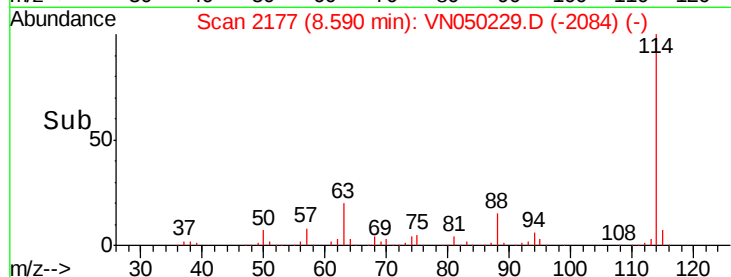
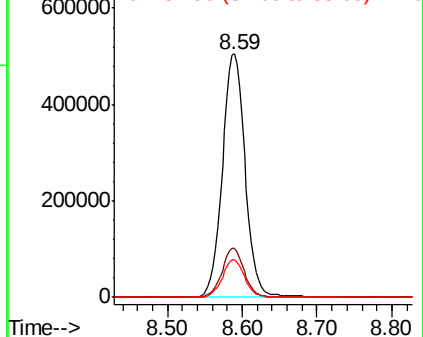
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. -0.00 min
Lab File: VN050229.D
Acq: 31 Jul 2018 21:05

Instrument :
MSVOA_N
ClientSampleId :
PB111613ZHE#05

Tot Ion:114 Resp: 1061891
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.0
88 15.2 0.0 31.2

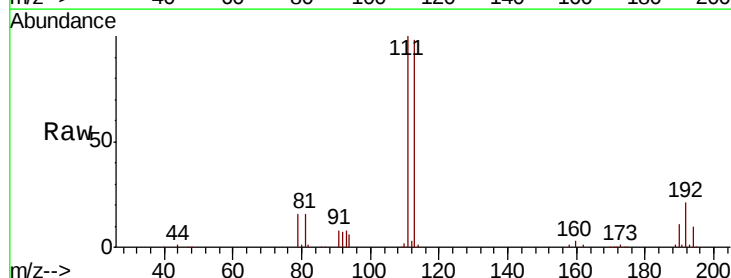


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

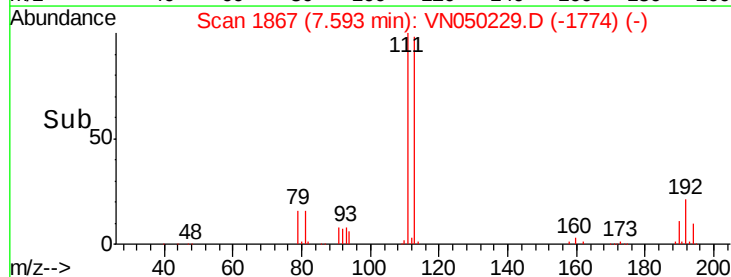
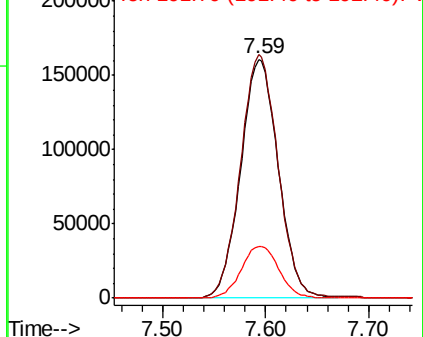


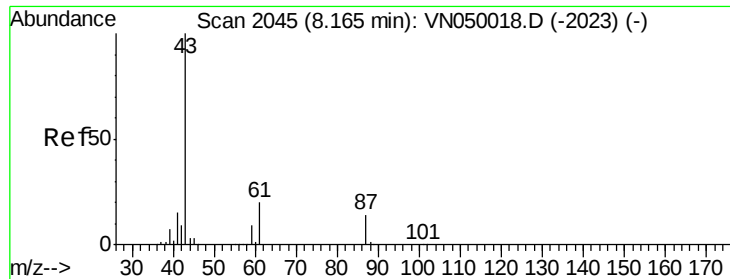
#35
Dibromofluoromethane
Concen: 47.077 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN050229.D
Acq: 31 Jul 2018 21:05

Tgt Ion:113 Resp: 408158
Ion Ratio Lower Upper
113 100
111 101.4 80.7 121.1
192 21.8 17.8 26.6



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



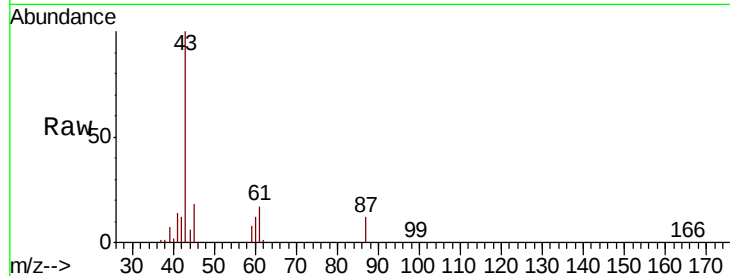


#43

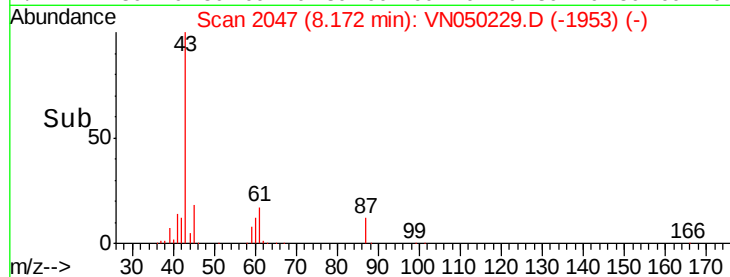
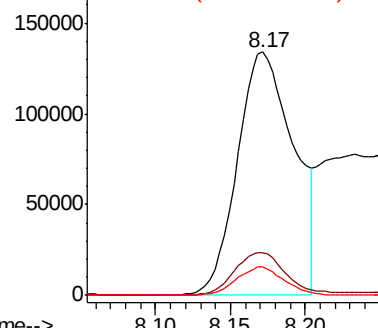
Isopropyl Acetate
 Concen: 21.627 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050229.D
 Acq: 31 Jul 2018 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111613ZHE#05

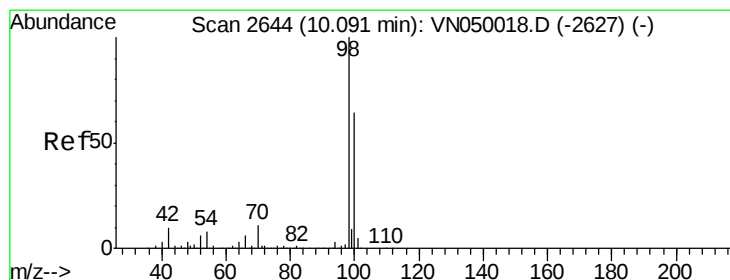
Tot Ion	43	Resp	350107
Ion Ratio	100	Lower	Upper
61	16.3	15.8	23.6
87	10.1	10.3	15.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO



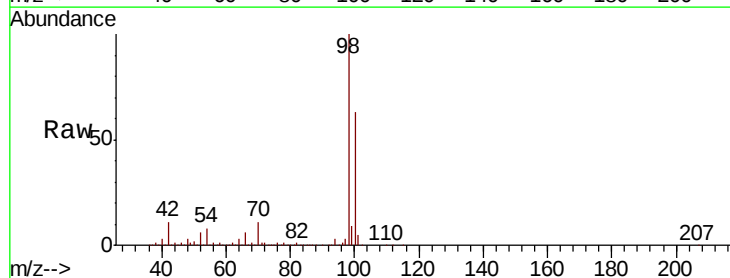
Time-->



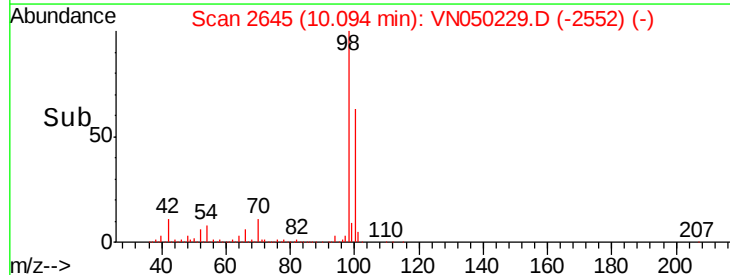
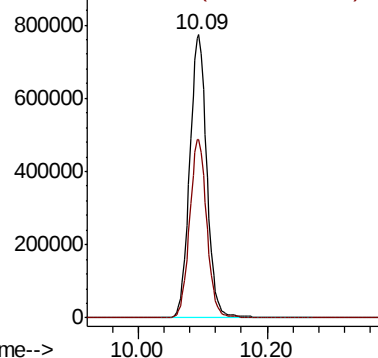
#50

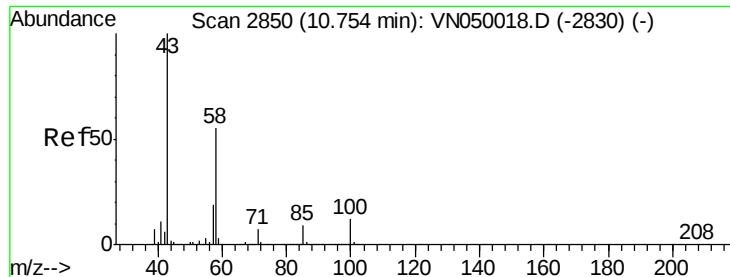
Toluene-d8
 Concen: 44.802 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. -0.00 min
 Lab File: VN050229.D
 Acq: 31 Jul 2018 21:05

Tgt Ion	98	Resp	1428044
Ion Ratio	100	Lower	Upper
100	63.5	50.7	76.1



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





#59

2-Hexanone

Concen: 8.350 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050229.D

Acq: 31 Jul 2018 21:05

Instrument :

MSVOA_N

ClientSampleId :

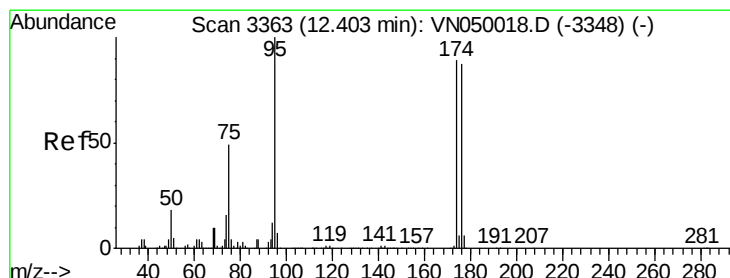
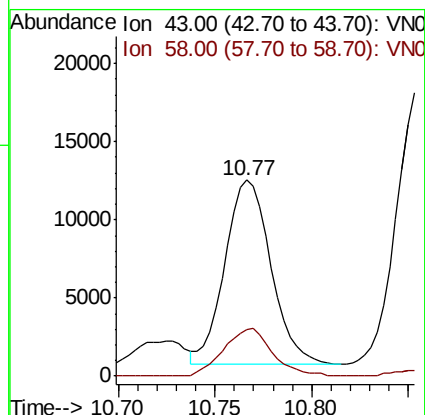
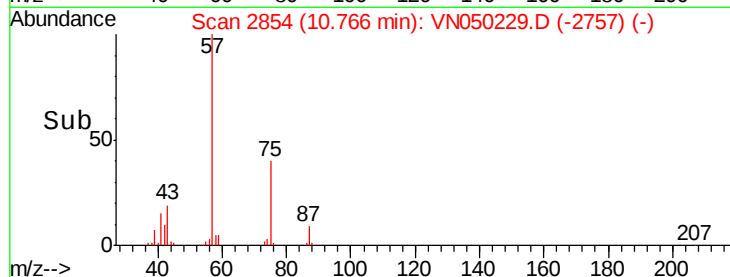
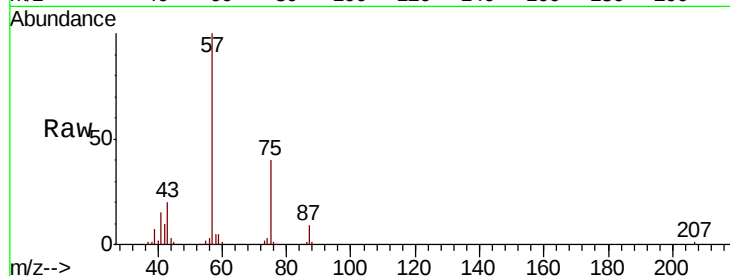
PB111613ZHE#05

Tot Ion: 43 Resp: 19538

Ion Ratio Lower Upper

43 100

58 27.2 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 37.243 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050229.D

Acq: 31 Jul 2018 21:05

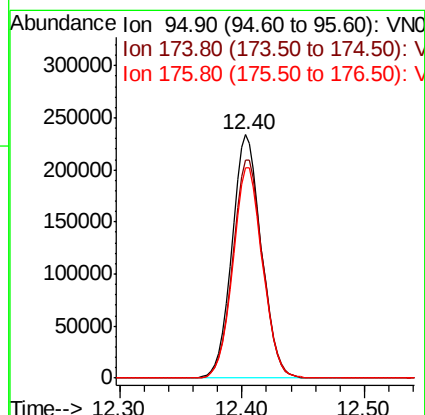
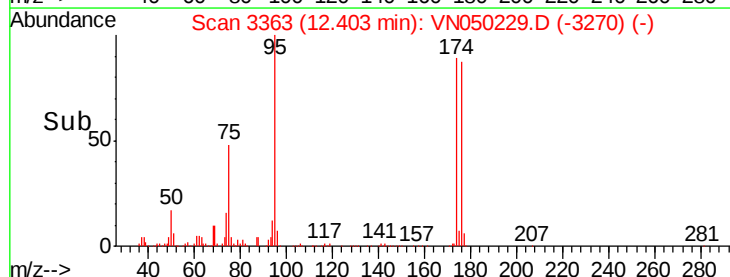
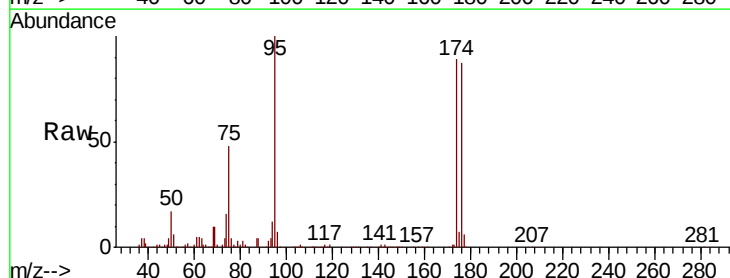
Tgt Ion: 95 Resp: 390885

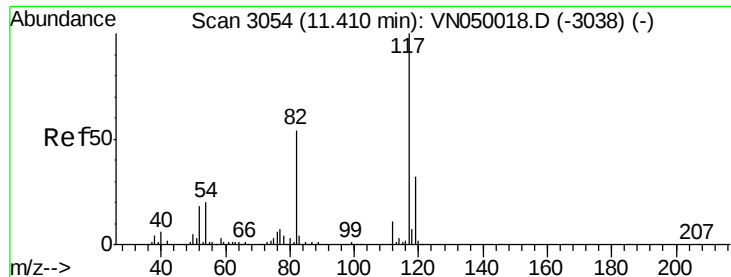
Ion Ratio Lower Upper

95 100

174 91.4 0.0 178.2

176 87.5 0.0 173.4

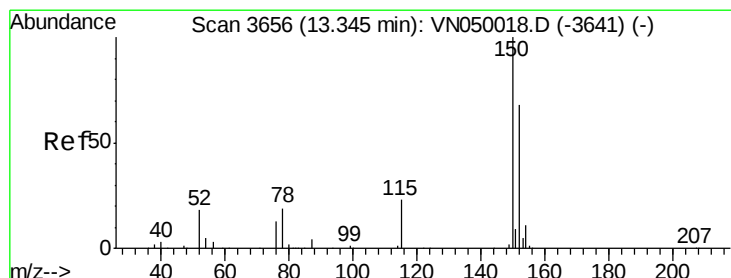
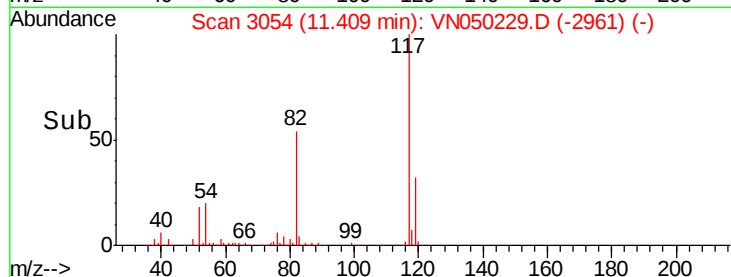
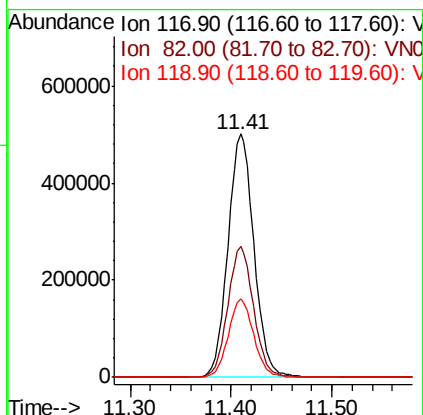
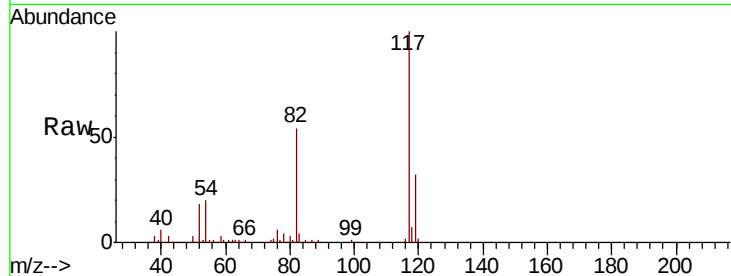




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050229.D
Acq: 31 Jul 2018 21:05

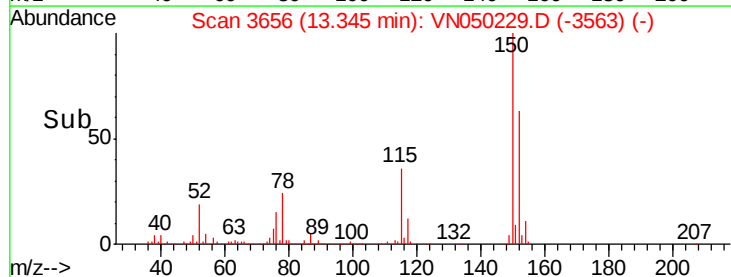
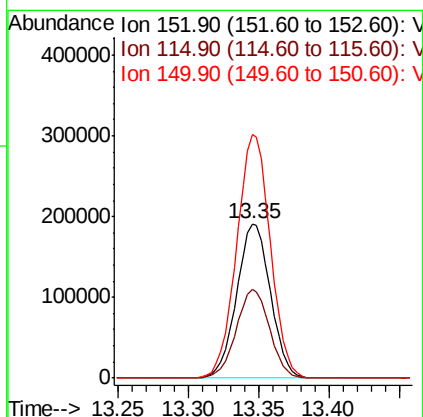
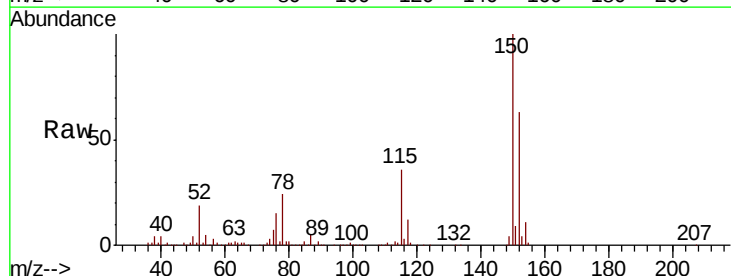
Instrument :
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PB111613ZHE#05

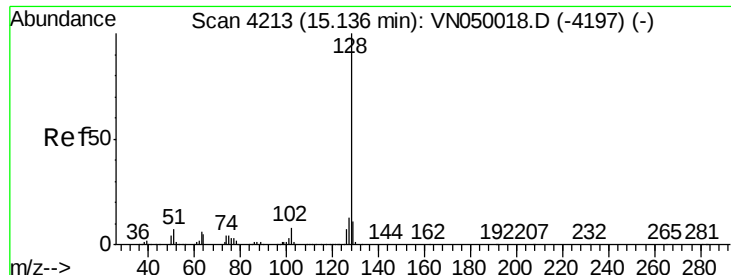
Tot Ion:117 Resp: 898011
Ion Ratio Lower Upper
117 100
82 53.7 43.7 65.5
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050229.D
Acq: 31 Jul 2018 21:05

Tgt Ion:152 Resp: 320440
Ion Ratio Lower Upper
152 100
115 56.9 27.8 83.3
150 157.0 0.0 348.6

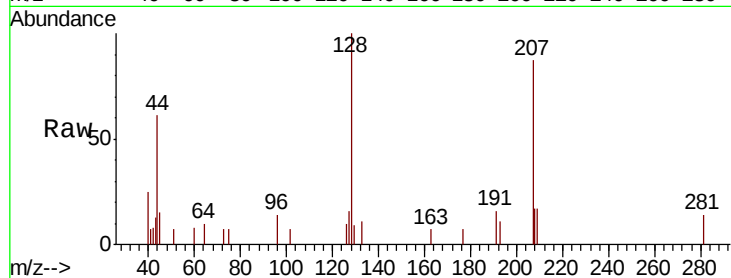




#95
Naphthalene
Concen: 4.669 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. -0.00 min
Lab File: VN050229.D
Acq: 31 Jul 2018 21:05

Instrument :
MSVOA_N
ClientSampleId :
PB111613ZHE#05

Tot Ion:128 Resp: 4080
Ion Ratio Lower Upper
128 100
127 10.8 10.4 15.6
129 7.6 8.8 13.2#



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

