

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080818\
 Data File : VN050461.D
 Acq On : 8 Aug 2018 16:04
 Operator : MD\SY
 Sample : PB111846ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111846ZHE#01

Quant Time: Aug 09 01:16:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	856089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1311702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1136203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	436453	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	529740	46.31	ug/l	0.00
Spiked Amount						
			Recovery	=	92.62%	
35) Dibromofluoromethane	7.59	113	488711	46.43	ug/l	0.00
Spiked Amount						
			Recovery	=	92.86%	
50) Toluene-d8	10.09	98	1814785	45.86	ug/l	0.00
Spiked Amount						
			Recovery	=	91.72%	
62) 4-Bromofluorobenzene	12.40	95	532657	39.49	ug/l	0.00
Spiked Amount						
			Recovery	=	78.98%	

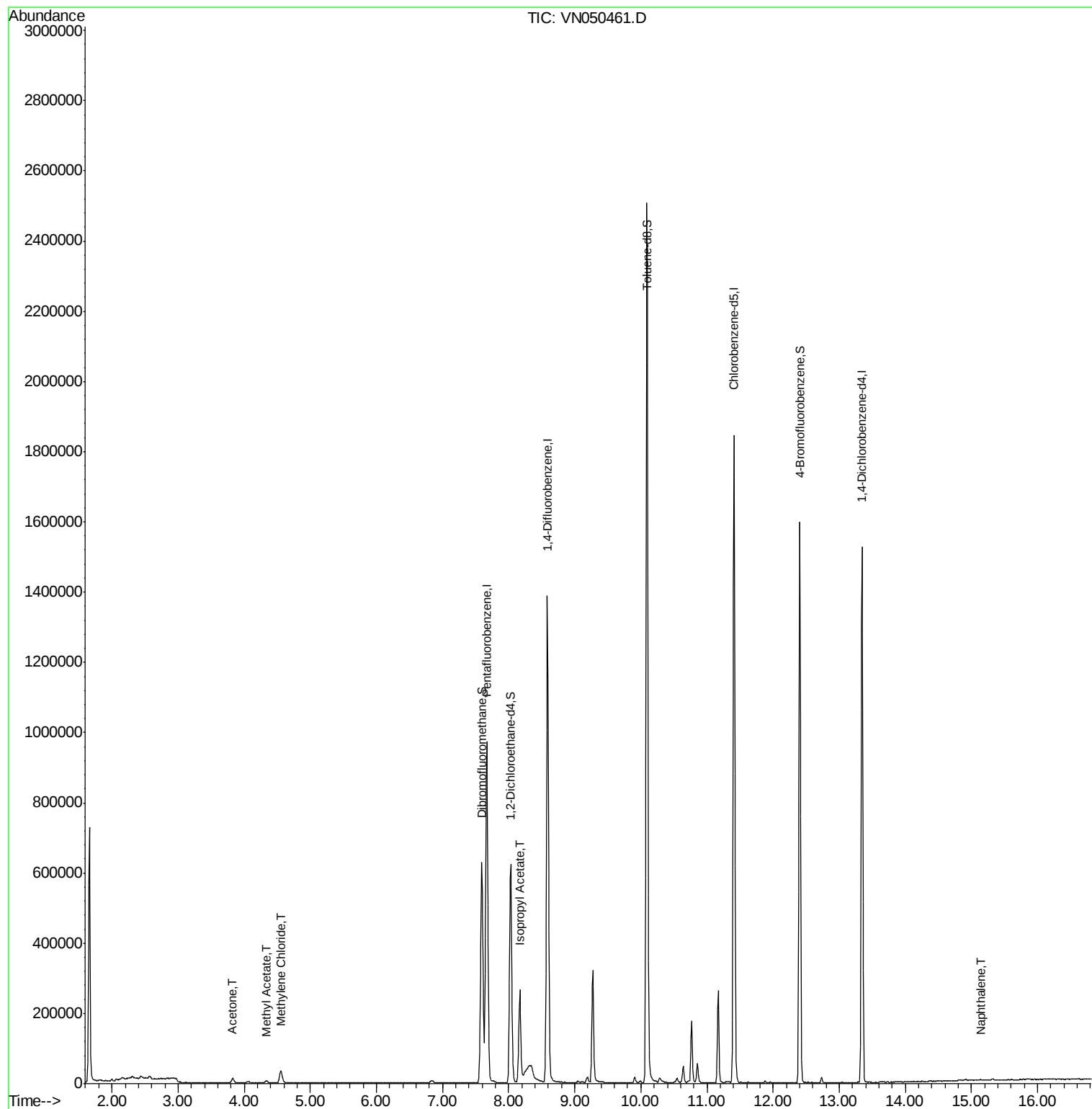
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	22326	6.19	ug/l	97
18) Methyl Acetate	4.34	43	11160	1.07	ug/l	99
20) Methylene Chloride	4.55	84	27755	1.15	ug/l	94
43) Isopropyl Acetate	8.17	43	306889	17.13	ug/l	98
95) Naphthalene	15.14	128	3607	3.78	ug/l #	88

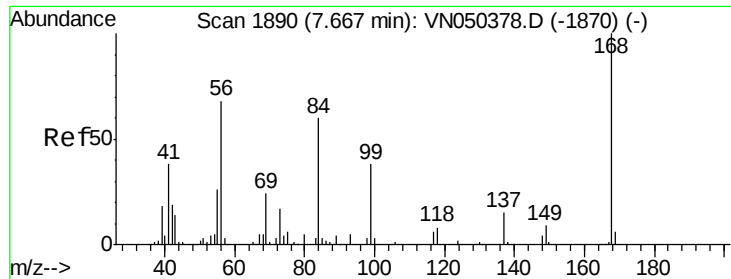
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050461.D

Acq: 8 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

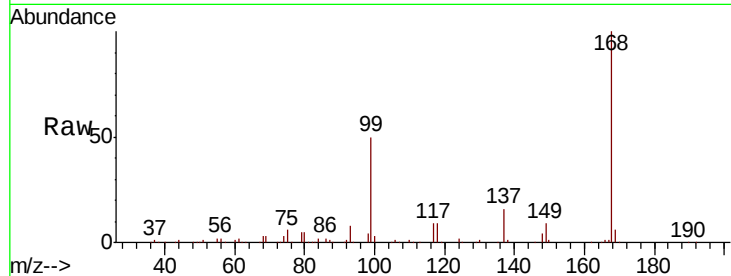
PB111846ZHE#01

Tot Ion:168 Resp: 856089

Ion Ratio Lower Upper

168 100

99 50.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

400000

300000

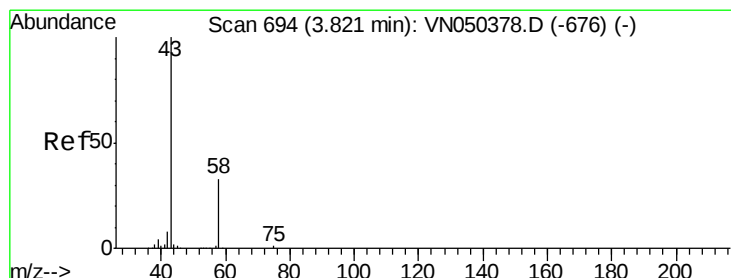
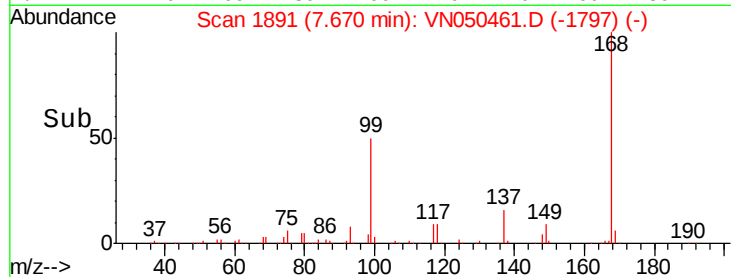
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.19 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050461.D

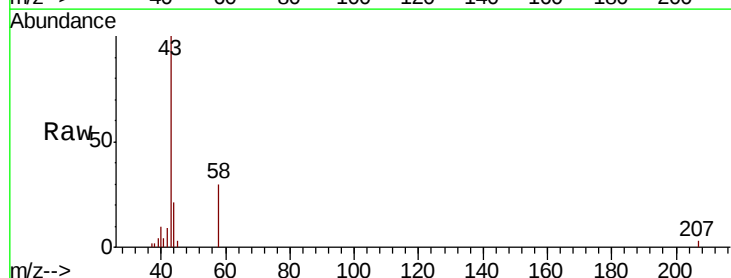
Acq: 8 Aug 2018 16:04

Tgt Ion: 43 Resp: 22326

Ion Ratio Lower Upper

43 100

58 30.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050378.D (-676) (-)

3.83

8000

6000

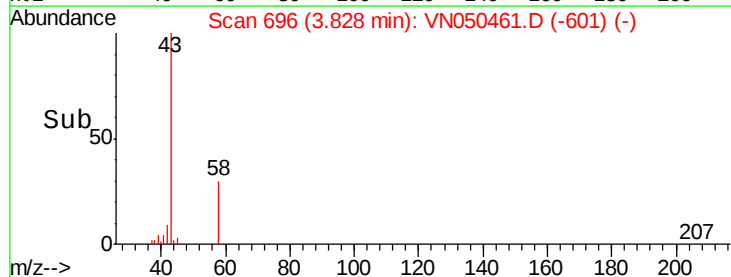
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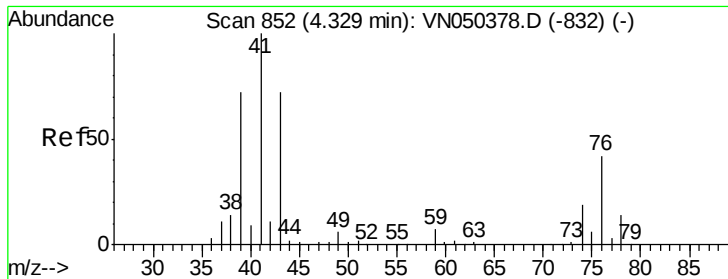
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0

3.70 3.80 3.90

Time-->

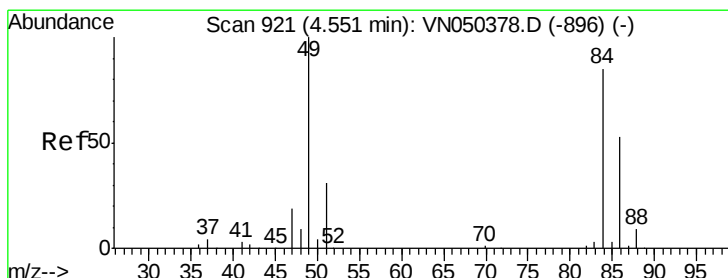
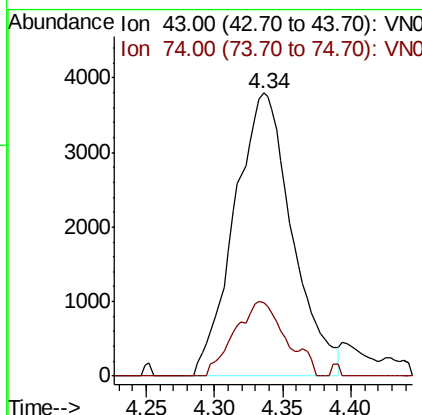
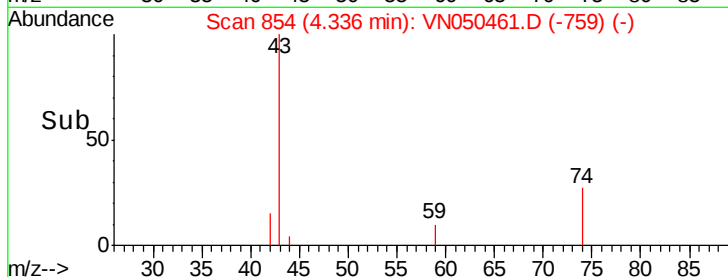
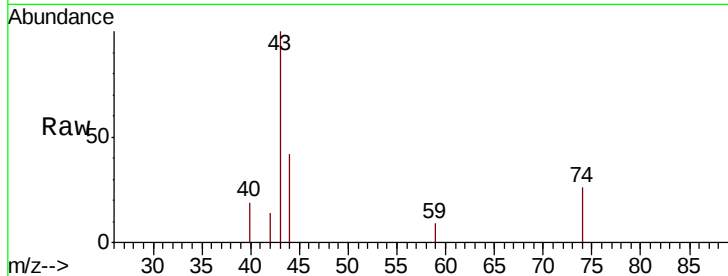




#18
Methyl Acetate
Concen: 1.07 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050461.D
Acq: 8 Aug 2018 16:04

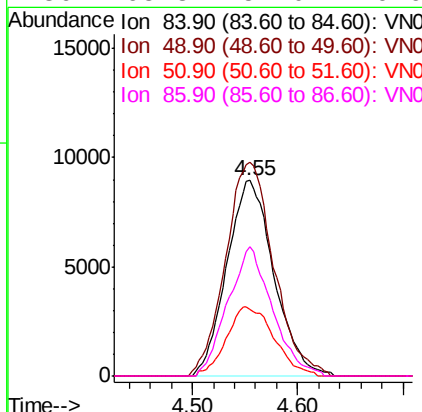
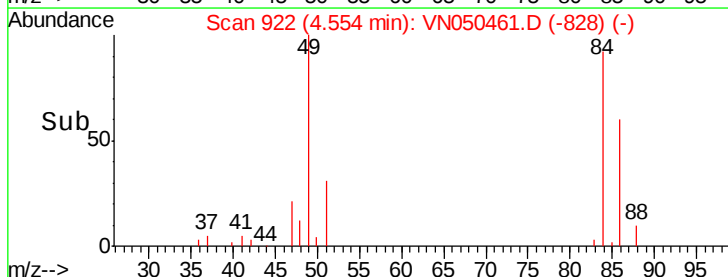
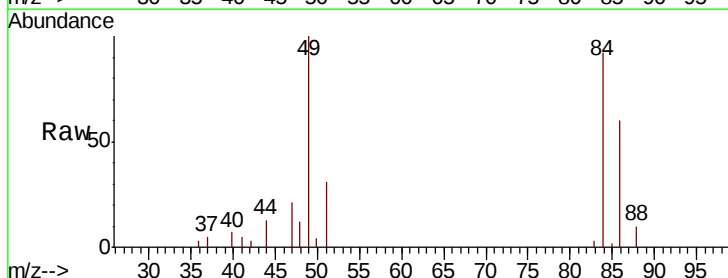
Instrument :
MSVOA_N
ClientSampleId :
PB111846ZHE#01

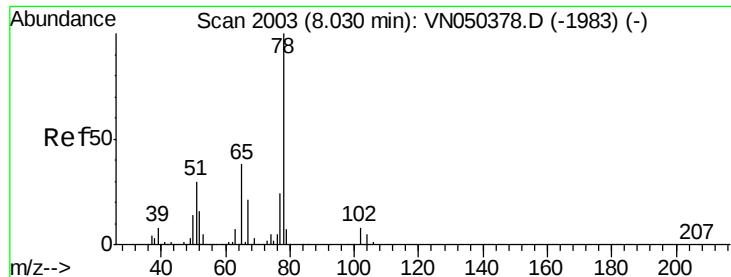
Tot Ion: 43 Resp: 11160
Ion Ratio Lower Upper
43 100
74 23.4 19.2 28.8



#20
Methylene Chloride
Concen: 1.15 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050461.D
Acq: 8 Aug 2018 16:04

Tgt Ion: 84 Resp: 27755
Ion Ratio Lower Upper
84 100
49 109.1 94.8 142.2
51 33.9 28.3 42.5
86 65.8 51.0 76.6

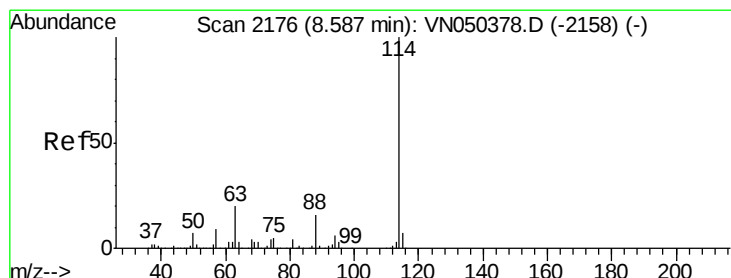
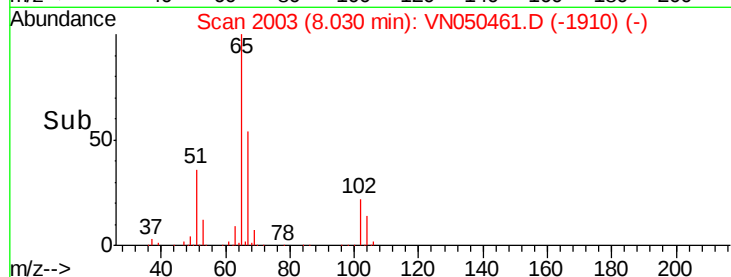
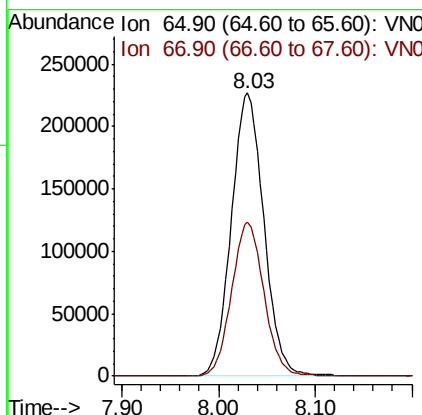
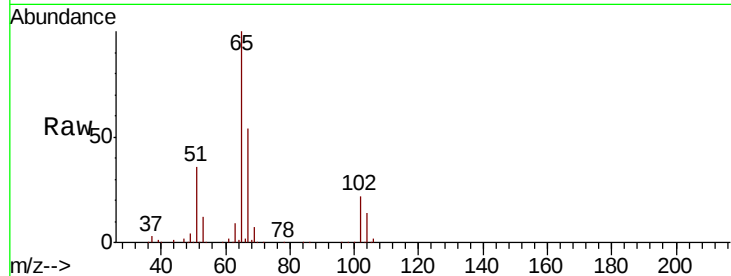




#33
 1,2-Dichloroethane-d4
 Concen: 46.31 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050461.D
 Acq: 8 Aug 2018 16:04

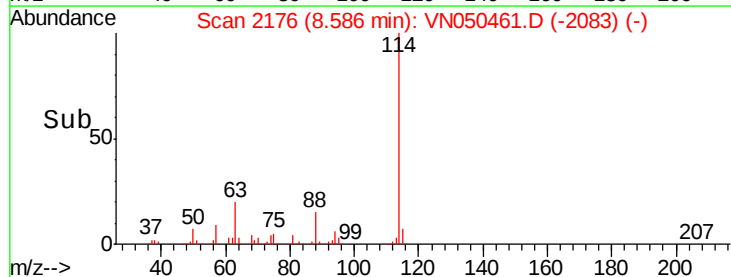
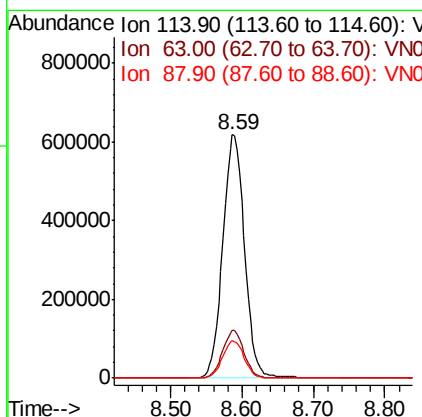
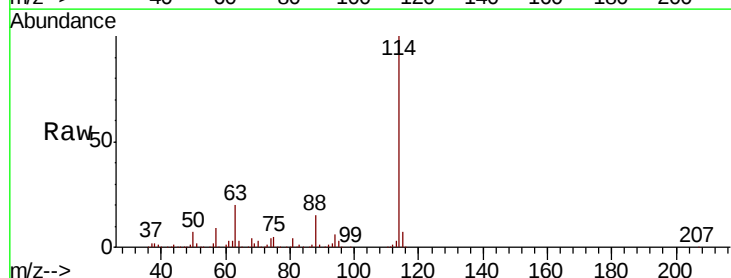
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111846ZHE#01

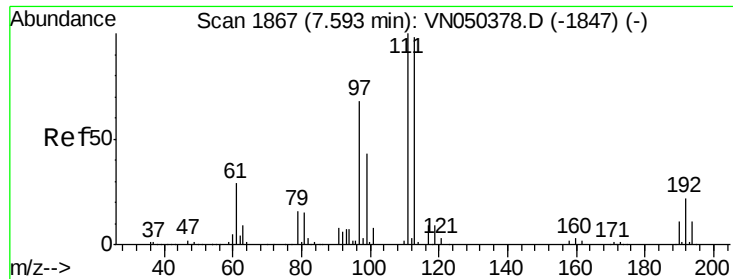
Tot Ion: 65 Resp: 529740
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050461.D
 Acq: 8 Aug 2018 16:04

Tgt Ion: 114 Resp: 1311702
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.5 0.0 31.2

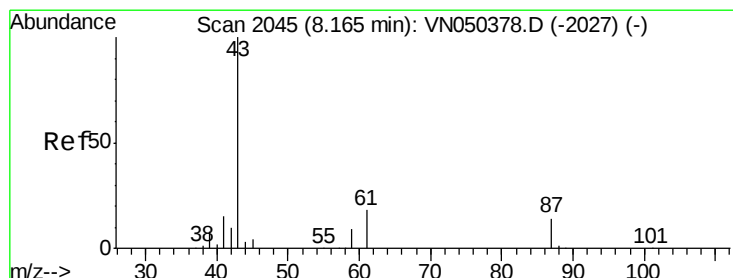
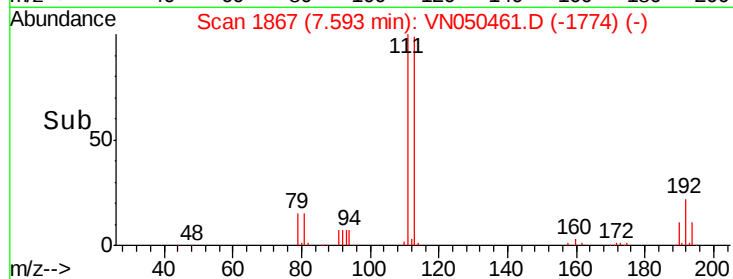
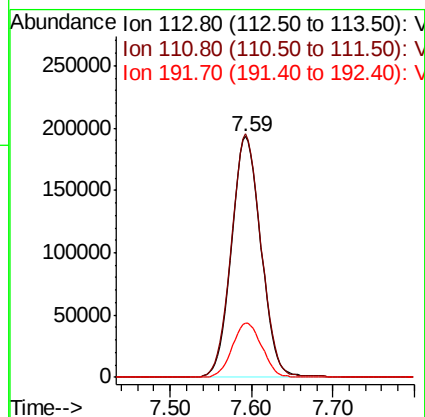
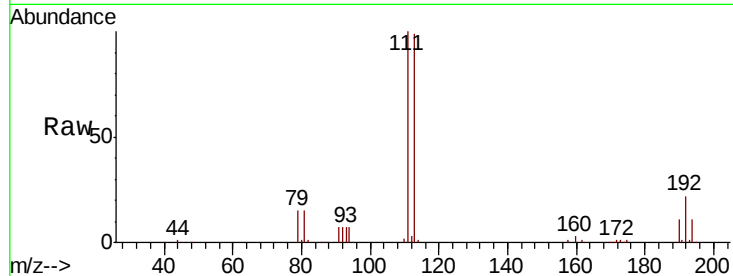




#35
 Dibromofluoromethane
 Concen: 46.43 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050461.D
 Acq: 8 Aug 2018 16:04

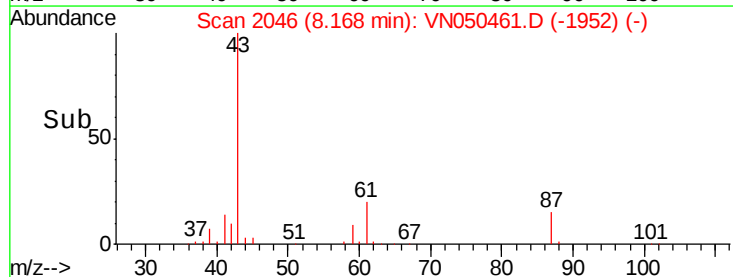
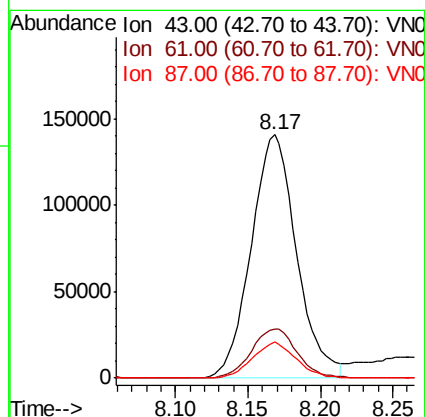
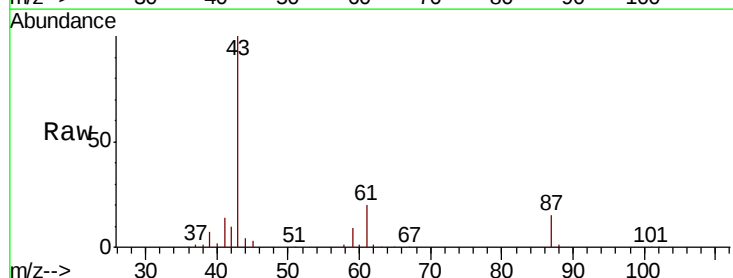
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111846ZHE#01

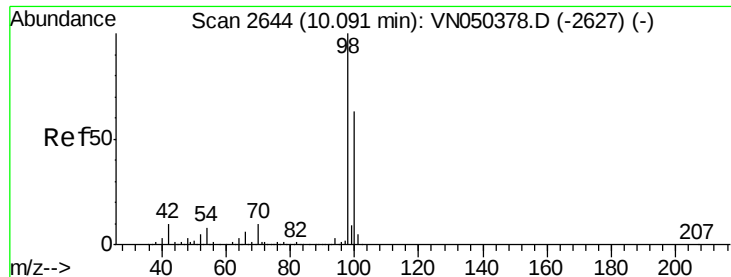
Tot Ion:113 Resp: 488711
 Ion Ratio Lower Upper
 113 100
 111 101.2 80.7 121.1
 192 22.6 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 17.13 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050461.D
 Acq: 8 Aug 2018 16:04

Tgt Ion: 43 Resp: 306889
 Ion Ratio Lower Upper
 43 100
 61 20.5 15.8 23.6
 87 14.3 10.3 15.5

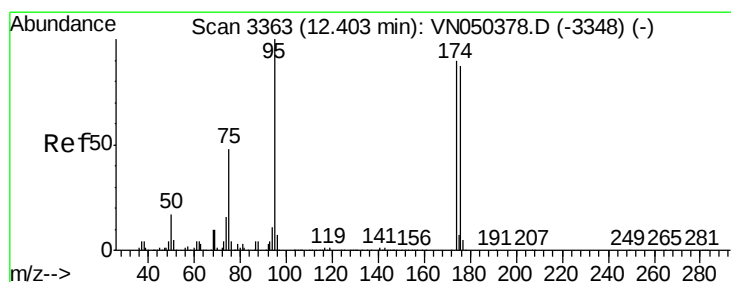
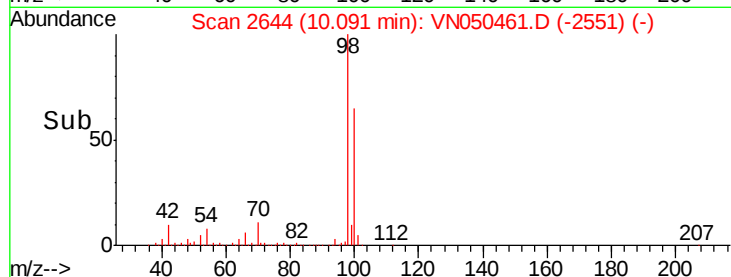
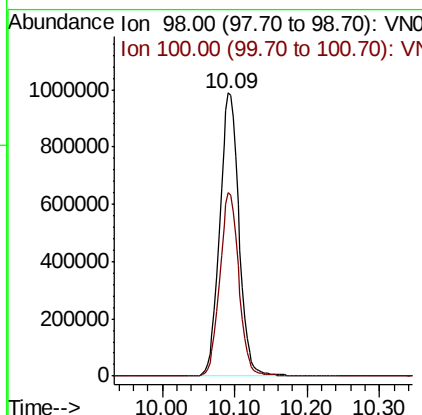
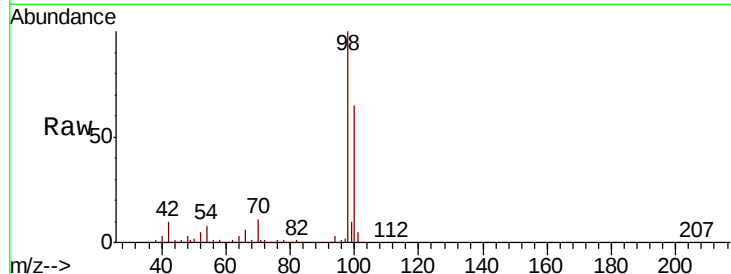




#50
Toluene-d8
Concen: 45.86 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050461.D
Acq: 8 Aug 2018 16:04

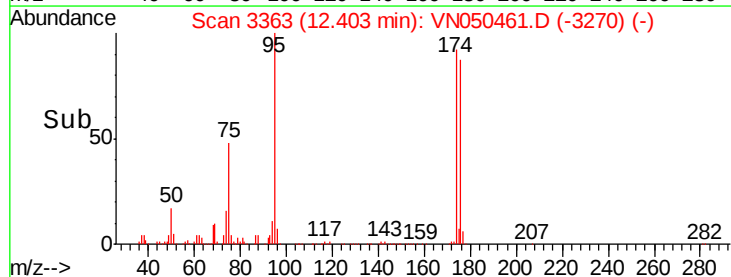
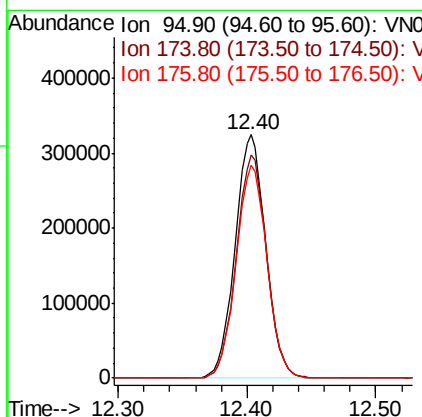
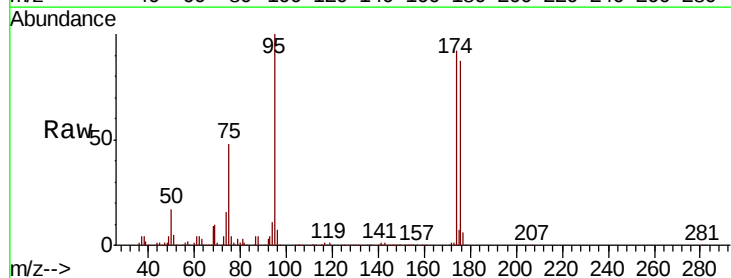
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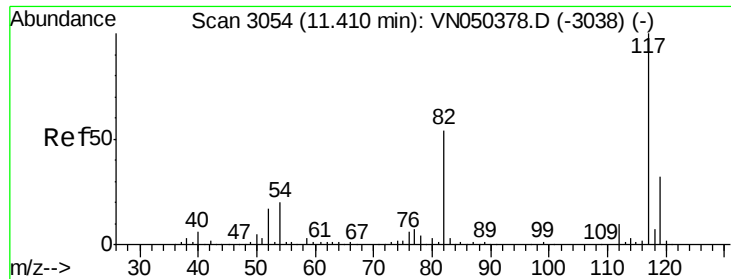
Tot Ion: 98 Resp: 1814785
Ion Ratio Lower Upper
98 100
100 64.2 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 39.49 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050461.D
Acq: 8 Aug 2018 16:04

Tgt Ion: 95 Resp: 532657
Ion Ratio Lower Upper
95 100
174 91.7 0.0 178.2
176 88.3 0.0 173.4

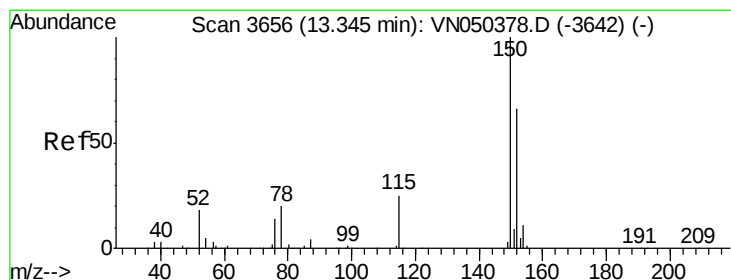
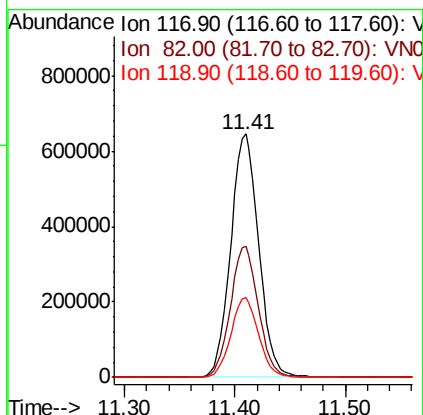
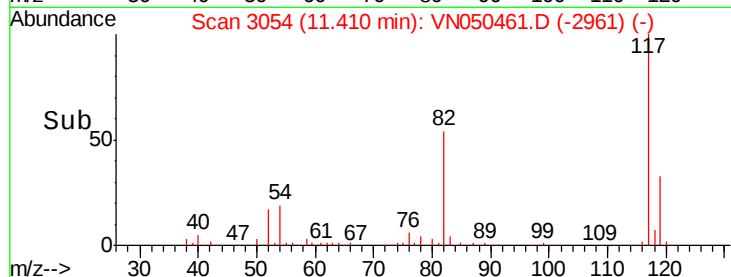
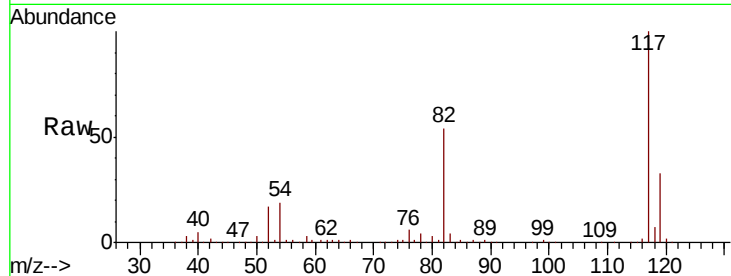




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050461.D
Acq: 8 Aug 2018 16:04

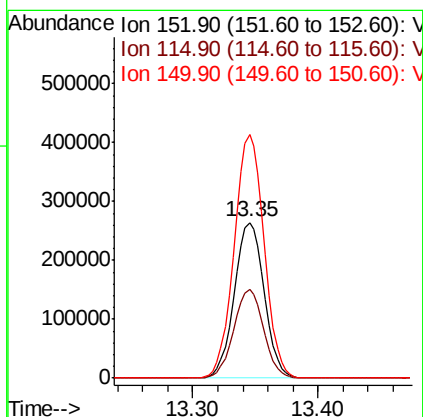
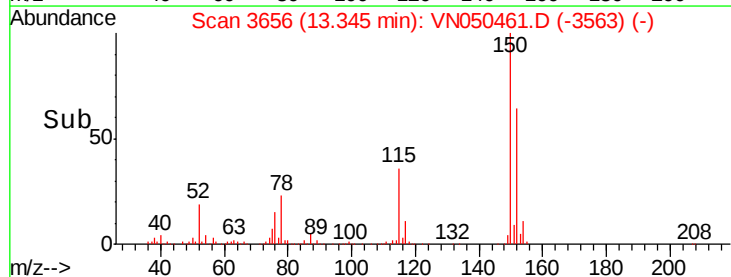
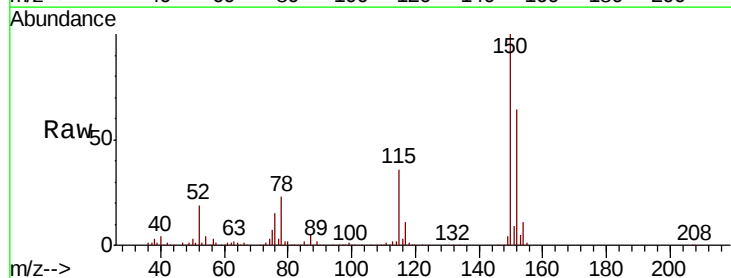
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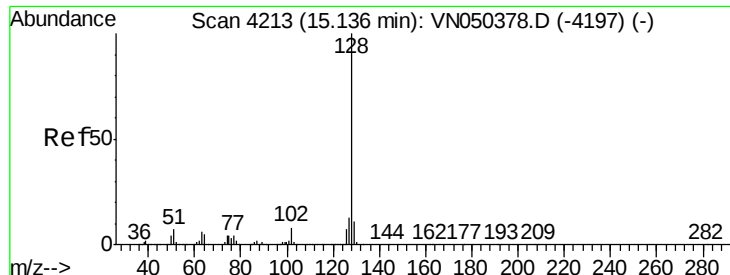
Tot Ion:117 Resp: 1136203
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 32.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050461.D
Acq: 8 Aug 2018 16:04

Tgt Ion:152 Resp: 436453
Ion Ratio Lower Upper
152 100
115 56.9 27.8 83.3
150 156.4 0.0 348.6





#95

Naphthalene

Concen: 3.78 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN050461.D

Acq: 8 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

PB111846ZHE#01

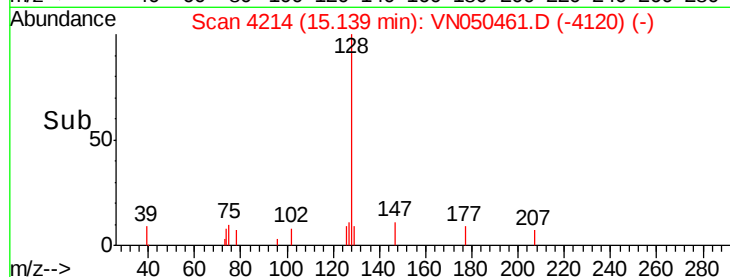
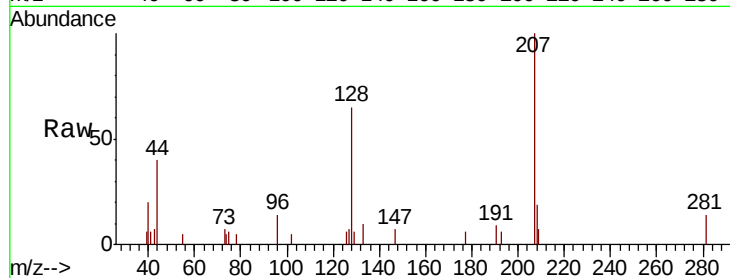
Tot Ion:128 Resp: 3607

Ion Ratio Lower Upper

128 100

127 7.5 10.4 15.6#

129 7.3 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

