

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053010.D
 Acq On : 19 Dec 2018 14:49
 Operator : MD\SY
 Sample : PB115821TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115821TB

Quant Time: Dec 20 06:29:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

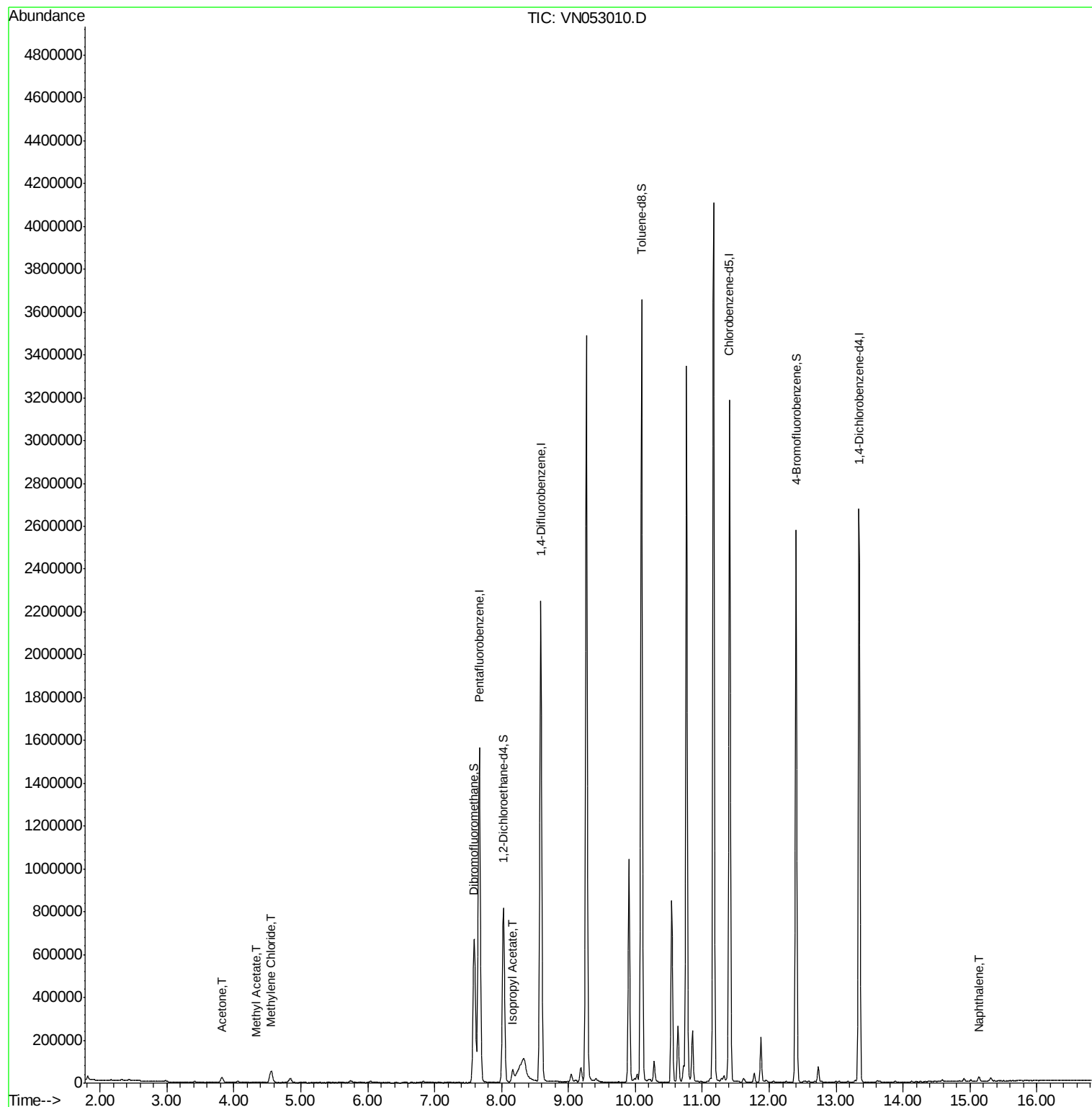
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1396631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2132086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1936366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	786863	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	684202	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
35) Dibromofluoromethane	7.59	113	525403	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
50) Toluene-d8	10.09	98	2640099	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	12.40	95	876795	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
Target Compounds						
16) Acetone	3.82	43	43083	15.504	ug/l	95
18) Methyl Acetate	4.34	43	6538	1.500	ug/l #	89
20) Methylene Chloride	4.56	84	42664	2.815	ug/l	99
43) Isopropyl Acetate	8.17	43	78860	2.576	ug/l #	83
95) Naphthalene	15.13	128	18966	1.746	ug/l	99

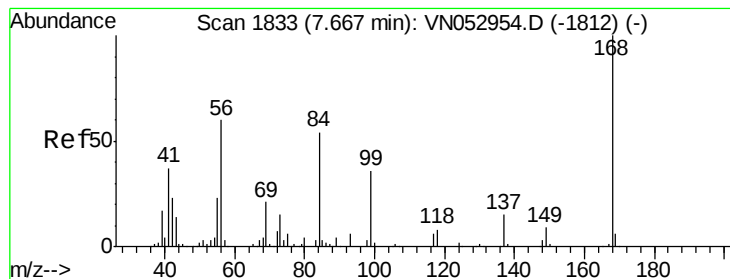
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053010.D

Acq: 19 Dec 2018 14:49

Instrument :

MSVOA_N

ClientSampleId :

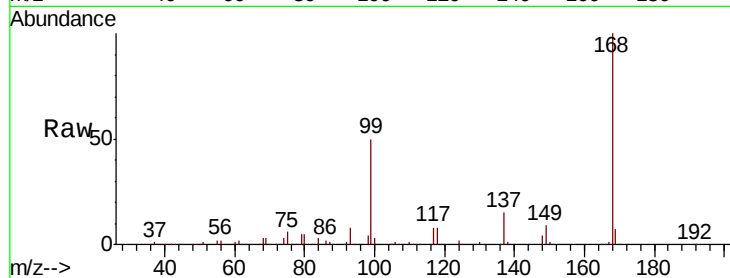
PB115821TB

Tot Ion:168 Resp: 1396631

Ion Ratio Lower Upper

168 100

99 50.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053010.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053010.D (-1740) (-)

7.67

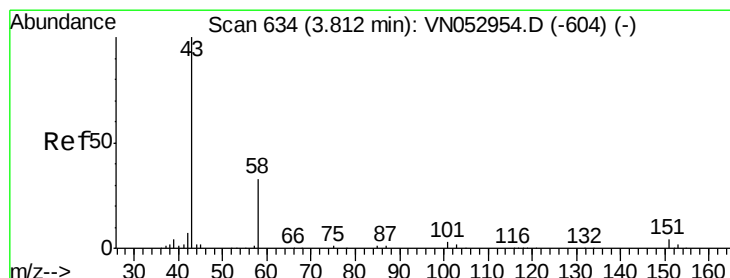
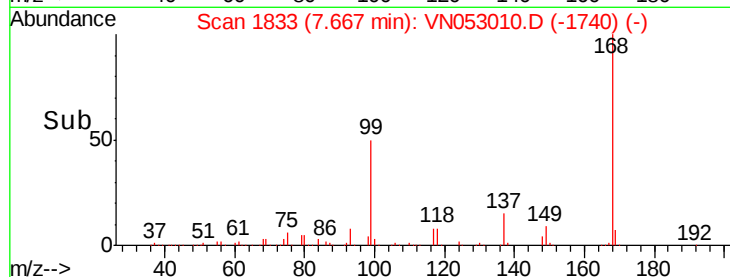
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 15.504 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053010.D

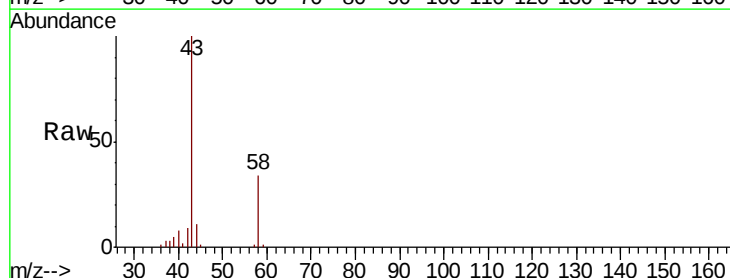
Acq: 19 Dec 2018 14:49

Tgt Ion: 43 Resp: 43083

Ion Ratio Lower Upper

43 100

58 34.5 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053010.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053010.D (-541) (-)

3.82

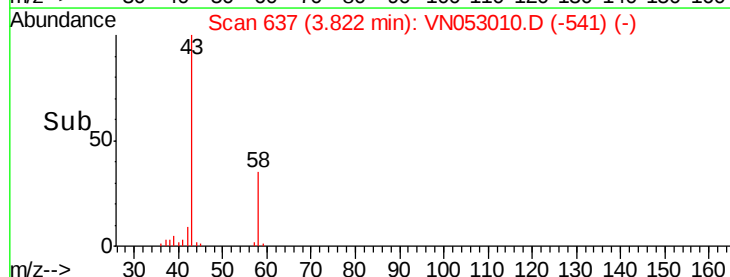
15000

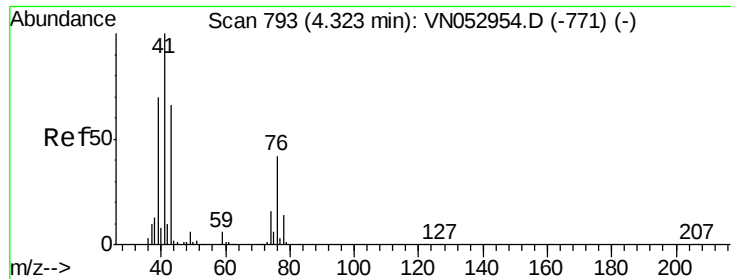
10000

5000

0

Time-->

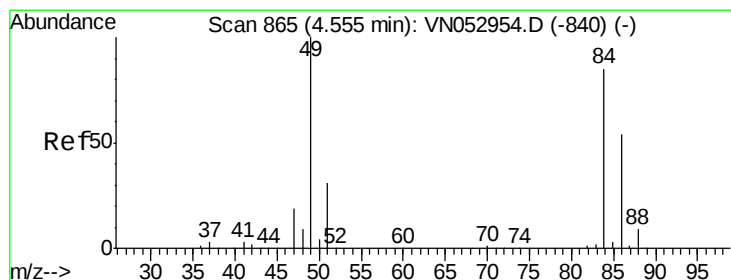
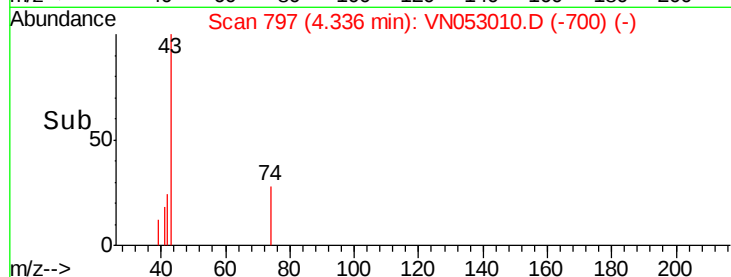
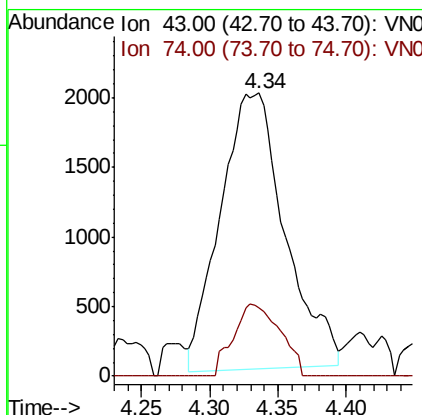
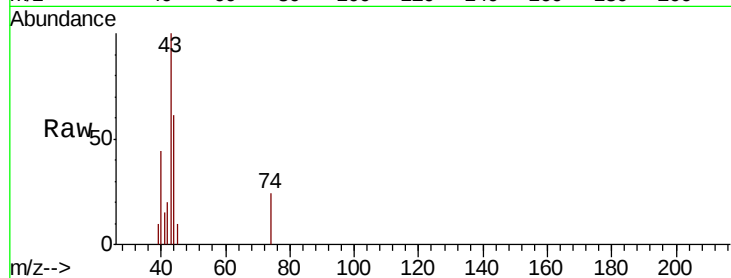




#18
Methyl Acetate
Concen: 1.500 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053010.D
Acq: 19 Dec 2018 14:49

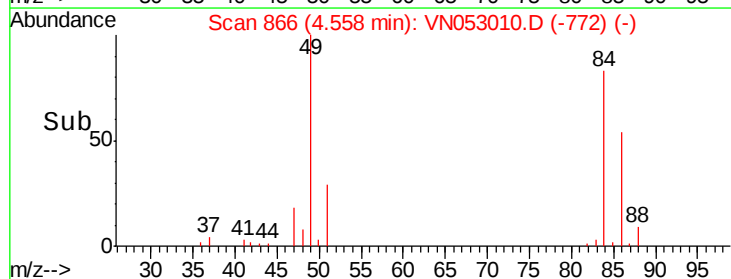
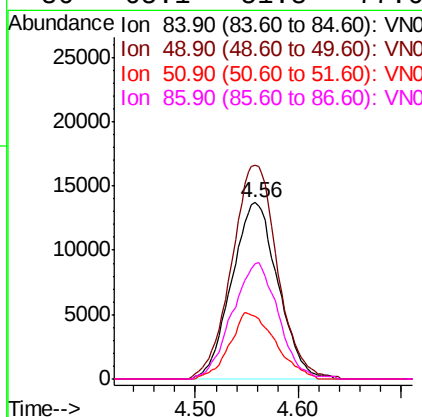
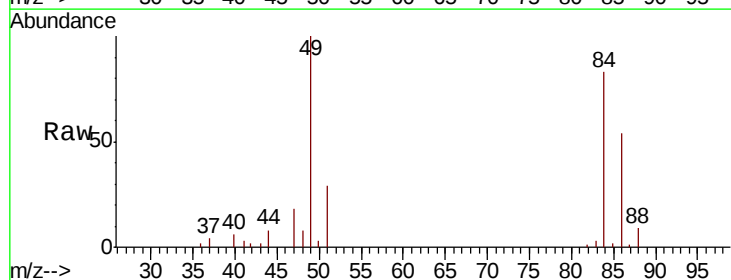
Instrument :
MSVOA_N
ClientSampleId :
PB115821TB

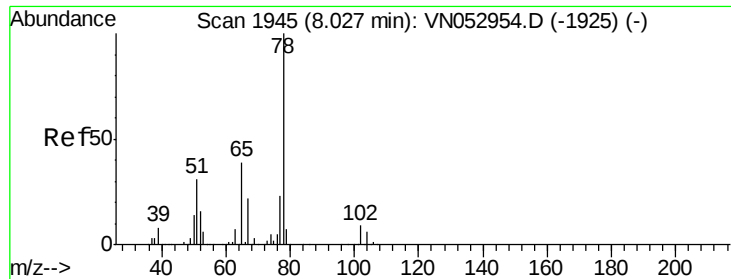
Tot Ion: 43 Resp: 6538
Ion Ratio Lower Upper
43 100
74 18.8 19.2 28.8#



#20
Methylene Chloride
Concen: 2.815 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053010.D
Acq: 19 Dec 2018 14:49

Tgt Ion: 84 Resp: 42664
Ion Ratio Lower Upper
84 100
49 121.1 96.8 145.2
51 35.6 29.9 44.9
86 65.1 51.8 77.6

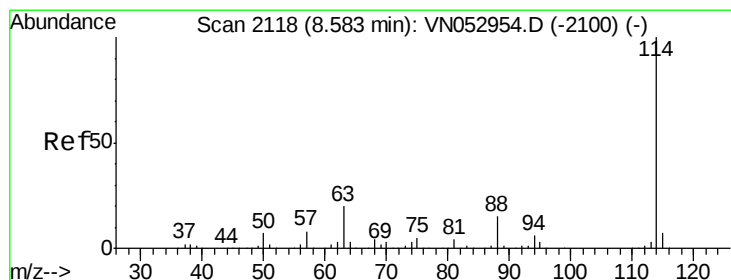
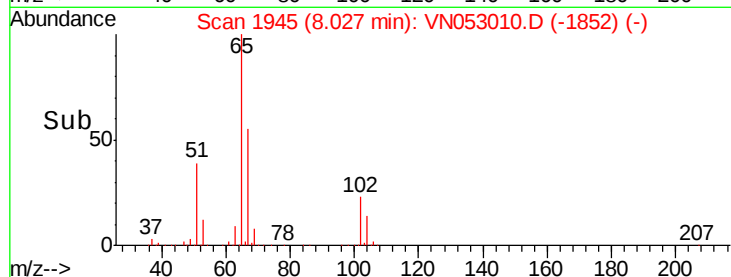
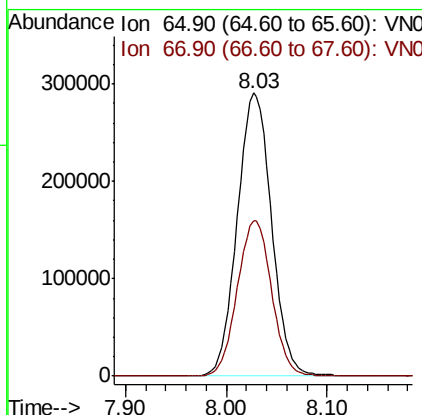
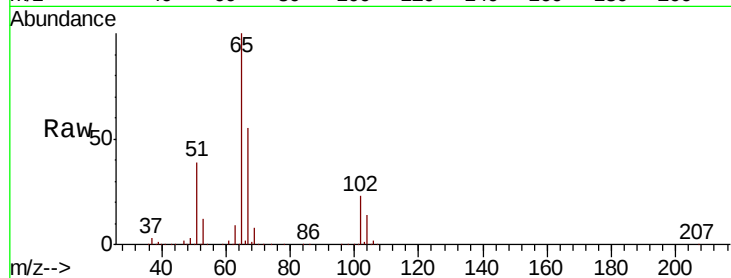




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053010.D
 Acq: 19 Dec 2018 14:49

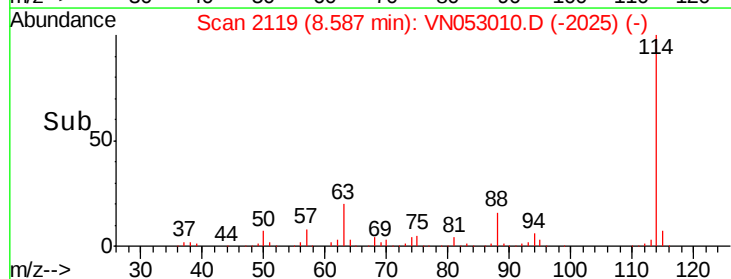
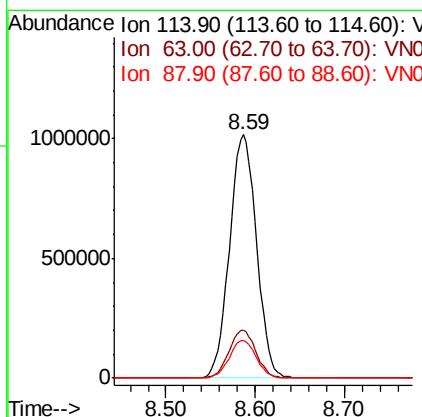
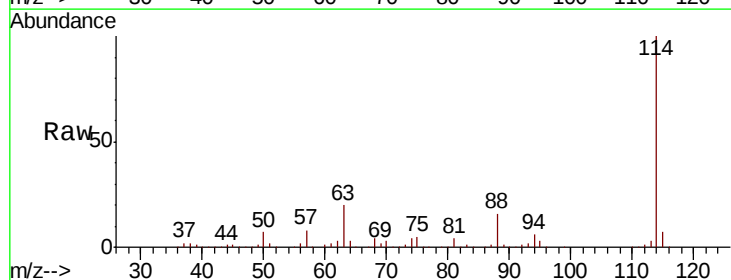
Instrument :
 MSVOA_N
 ClientSampleId :
 PB115821TB

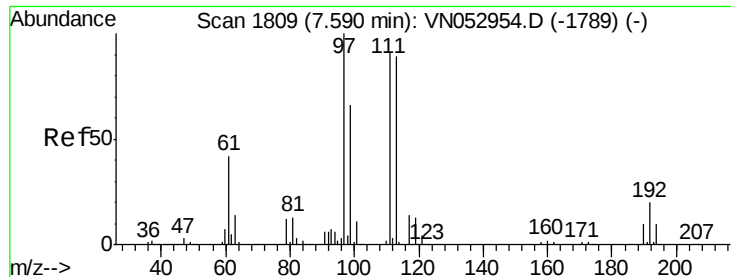
Tot Ion: 65 Resp: 684202
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053010.D
 Acq: 19 Dec 2018 14:49

Tgt Ion:114 Resp: 2132086
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.7 0.0 31.0

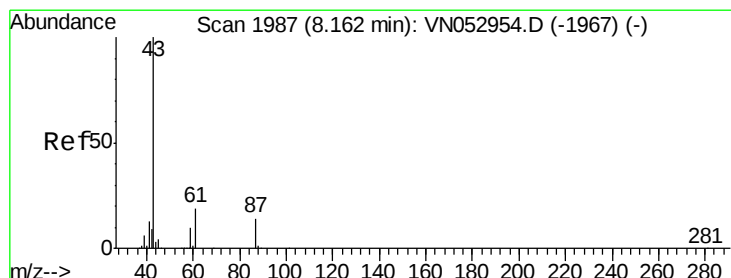
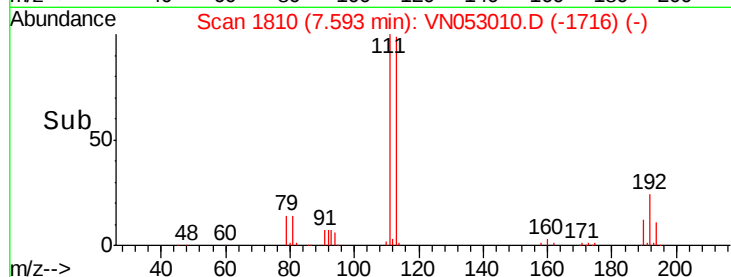
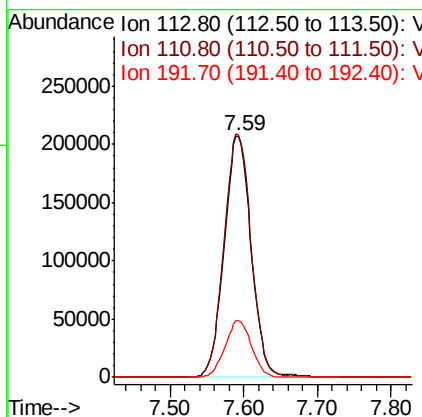
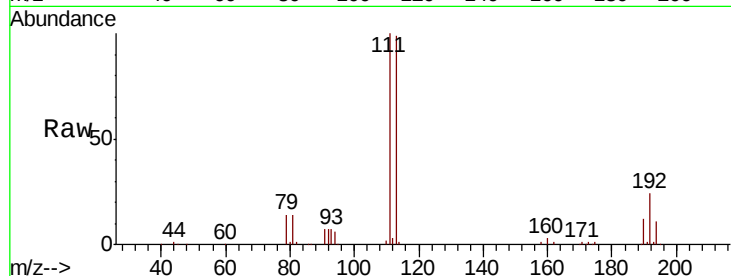




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053010.D
Acq: 19 Dec 2018 14:49

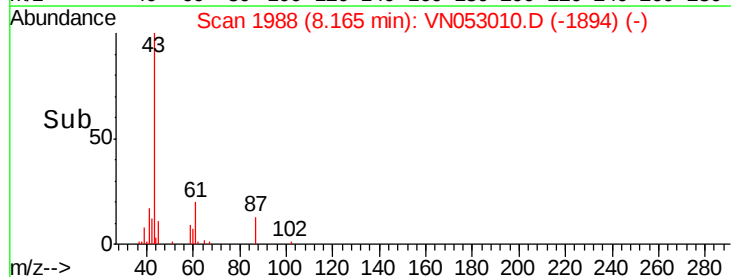
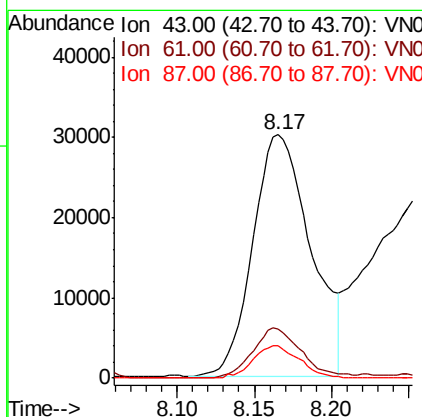
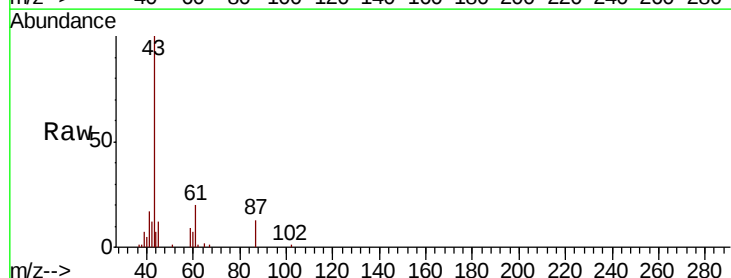
Instrument :
MSVOA_N
ClientSampled :
PB115821TB

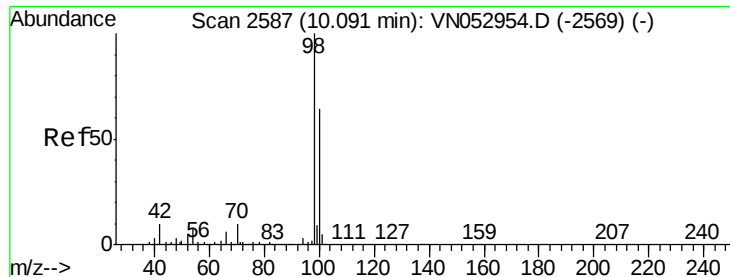
Tot Ion:113 Resp: 525403
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.4
192 23.1 17.5 26.3



#43
Isopropyl Acetate
Concen: 2.576 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN053010.D
Acq: 19 Dec 2018 14:49

Tgt Ion: 43 Resp: 78860
Ion Ratio Lower Upper
43 100
61 17.3 22.9 34.3#
87 10.6 10.6 15.8





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053010.D

Acq: 19 Dec 2018 14:49

Instrument :

MSVOA_N

ClientSampleId :

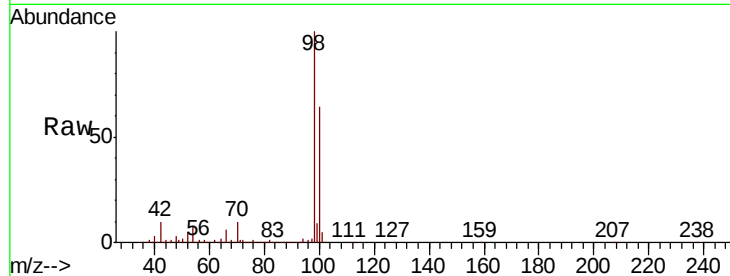
PB115821TB

Tot Ion: 98 Resp: 2640099

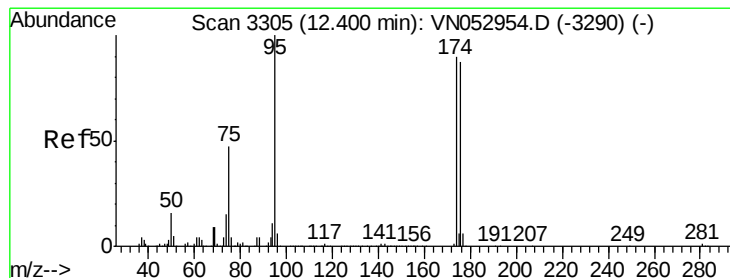
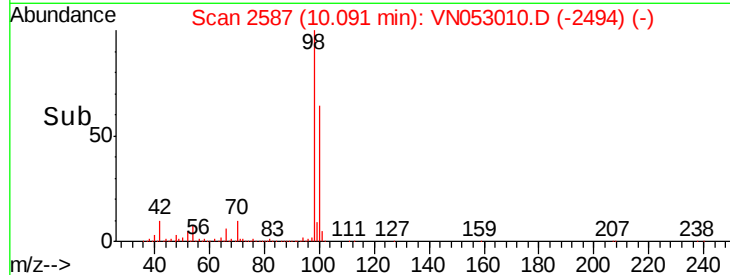
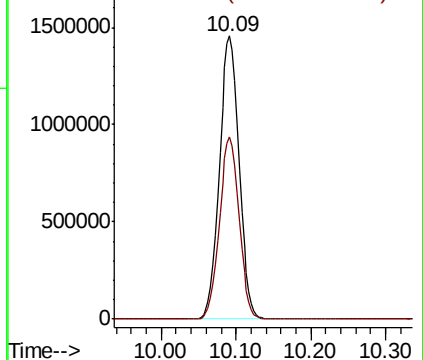
Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053010.D

Acq: 19 Dec 2018 14:49

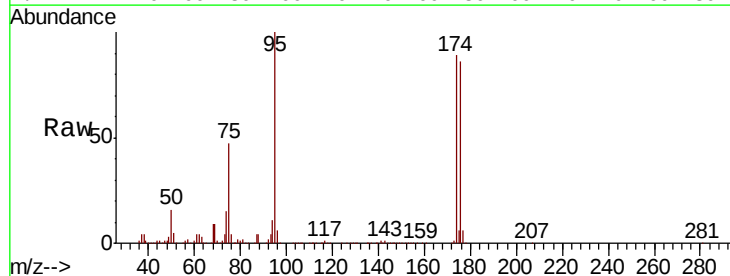
Tgt Ion: 95 Resp: 876795

Ion Ratio Lower Upper

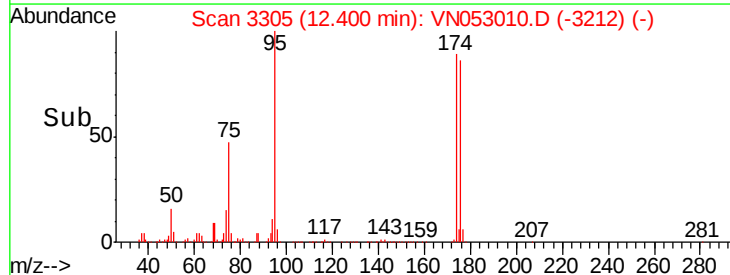
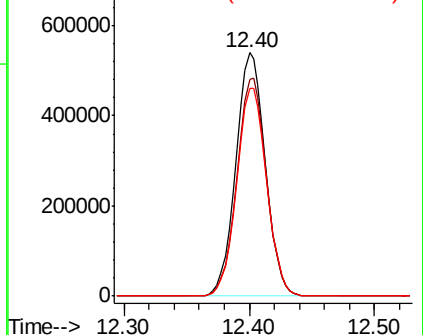
95 100

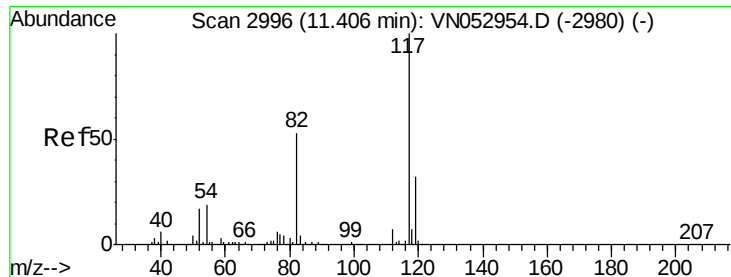
174 89.8 0.0 178.8

176 87.0 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

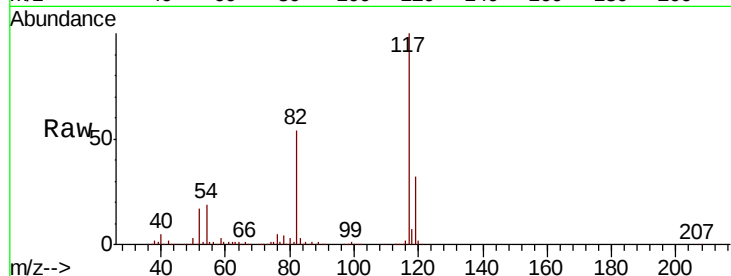




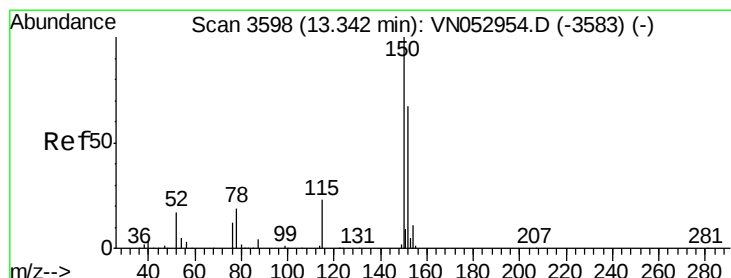
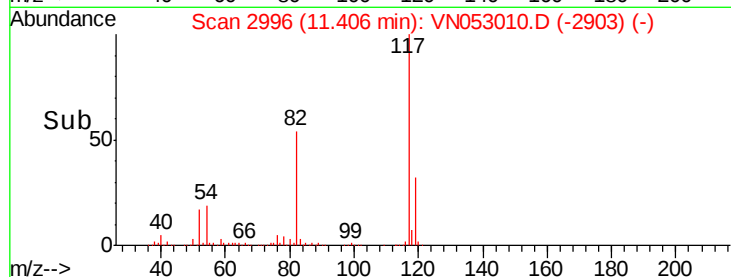
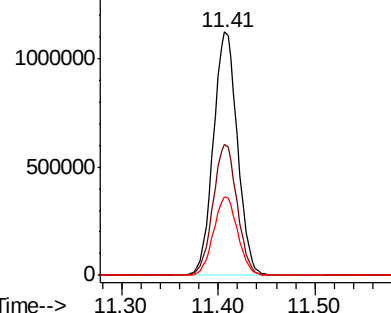
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053010.D
Acq: 19 Dec 2018 14:49

Instrument :
MSVOA_N
ClientSampled :
PB115821TB

Tot Ion:117 Resp: 1936366
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 32.0 25.5 38.3

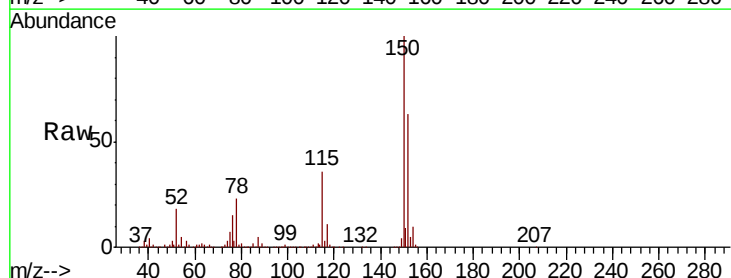


Abundance Ion 116.90 (116.60 to 117.60): V
1500000 Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

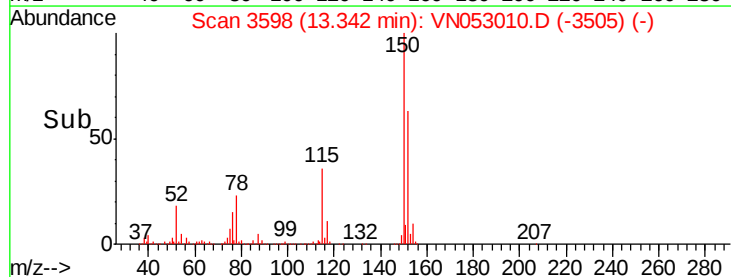
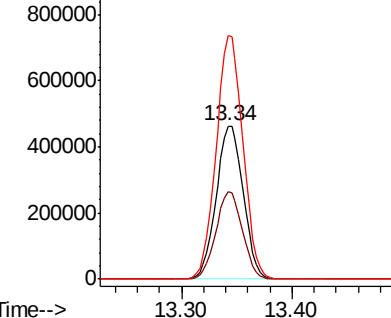


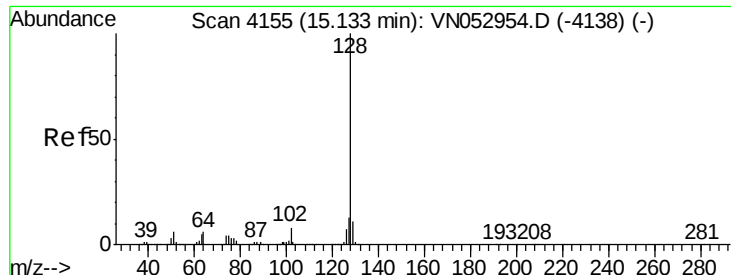
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053010.D
Acq: 19 Dec 2018 14:49

Tgt Ion:152 Resp: 786863
Ion Ratio Lower Upper
152 100
115 56.1 28.3 85.0
150 157.1 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V
1000000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.746 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053010.D

Acq: 19 Dec 2018 14:49

Instrument :

MSVOA_N

ClientSampleId :

PB115821TB

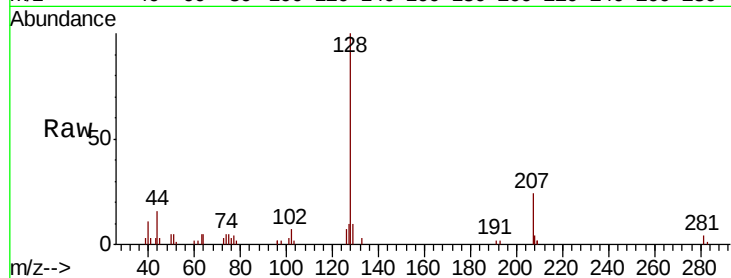
Tot Ion:128 Resp: 18966

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.4

129 10.4 8.6 13.0



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

