

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010919\
 Data File : VN053324.D
 Acq On : 9 Jan 2019 17:05
 Operator : MD\SY
 Sample : PB116248ZHE#17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116248ZHE#17

Quant Time: Jan 10 03:36:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

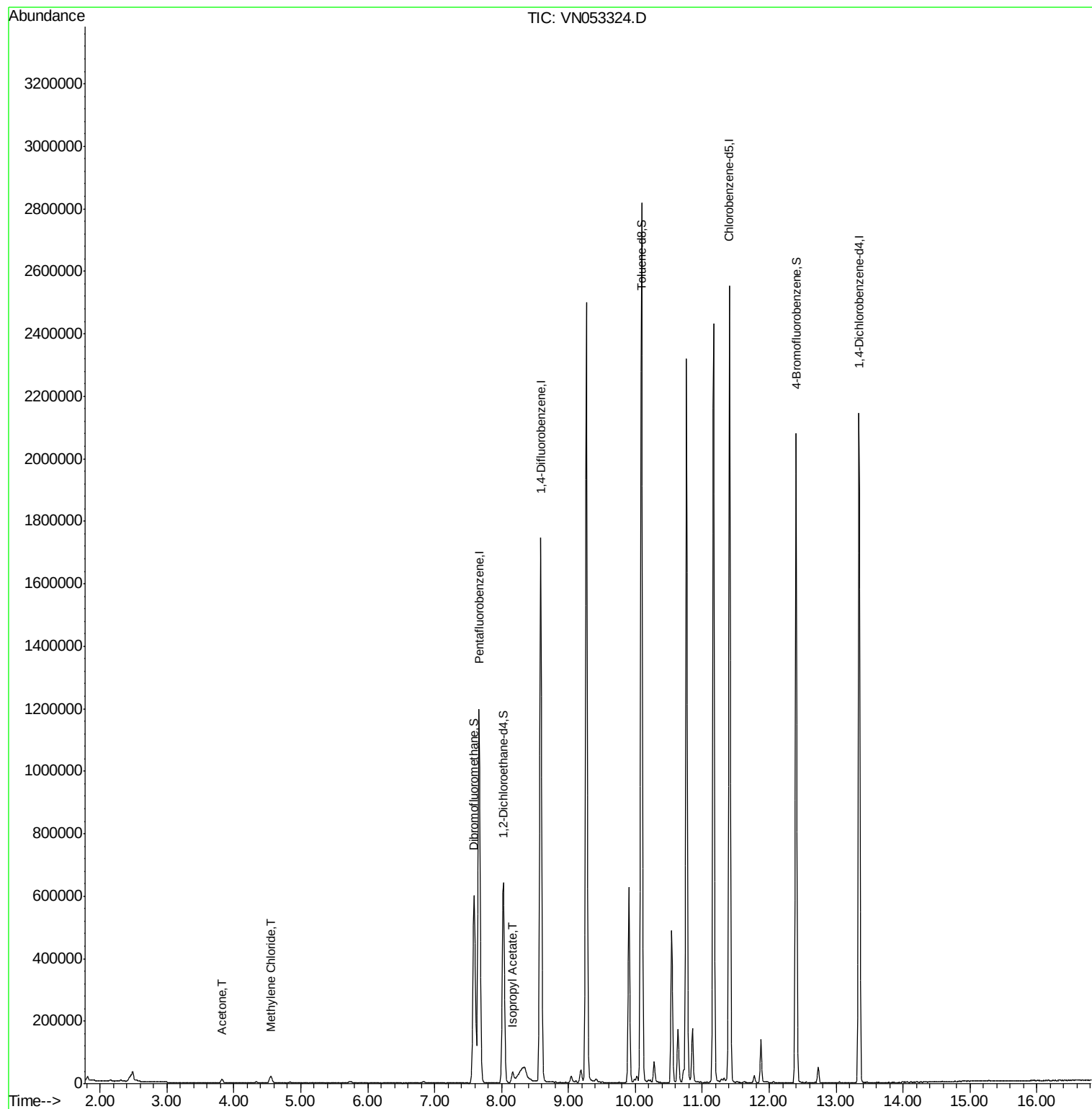
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1068866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1663268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1563145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	619907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	534506	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
35) Dibromofluoromethane	7.59	113	465218	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
50) Toluene-d8	10.09	98	2060658	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.40	95	711168	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
Target Compounds						
16) Acetone	3.82	43	20353	5.418	ug/l	100
20) Methylene Chloride	4.55	84	16959	1.420	ug/l	95
43) Isopropyl Acetate	8.16	43	45991	2.311	ug/l #	87

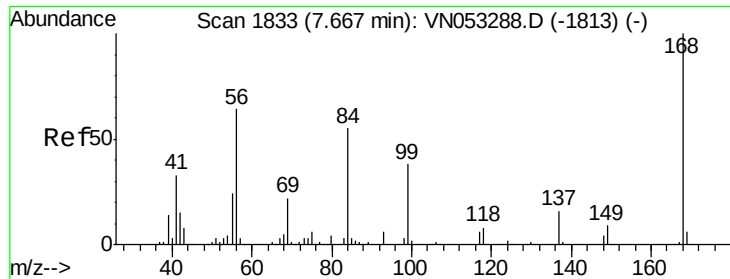
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053324.D

Acq: 9 Jan 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

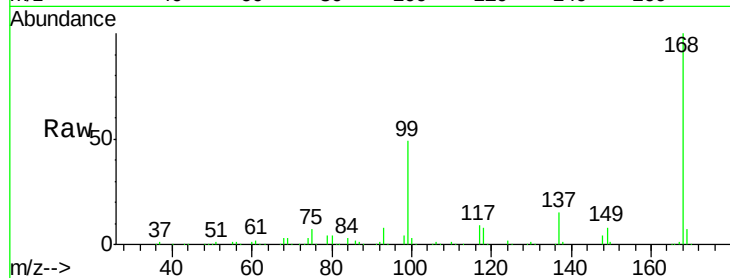
PB116248ZHE#17

Tot Ion:168 Resp: 1068866

Ion Ratio Lower Upper

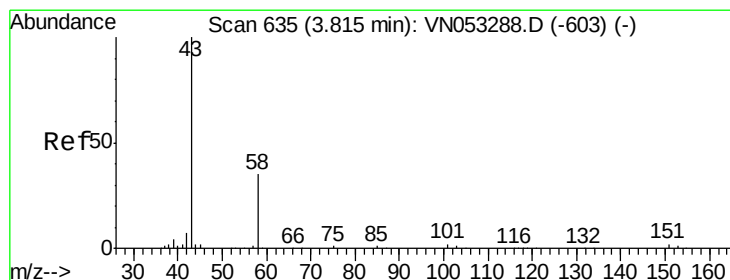
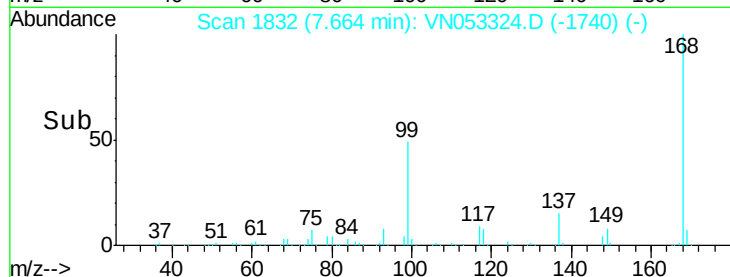
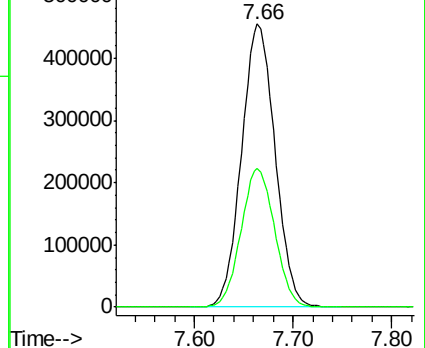
168 100

99 48.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.418 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053324.D

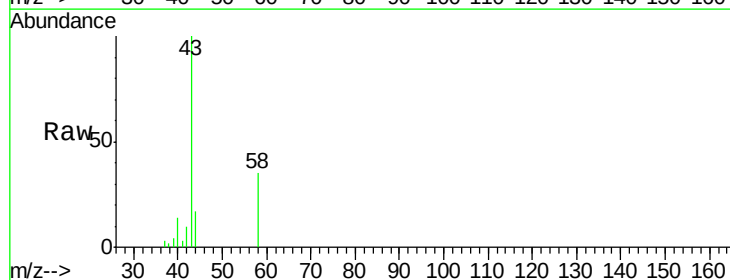
Acq: 9 Jan 2019 17:05

Tgt Ion: 43 Resp: 20353

Ion Ratio Lower Upper

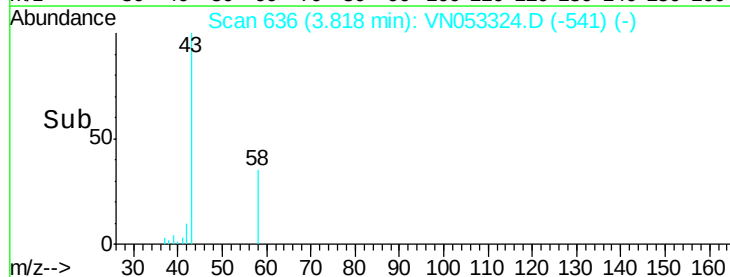
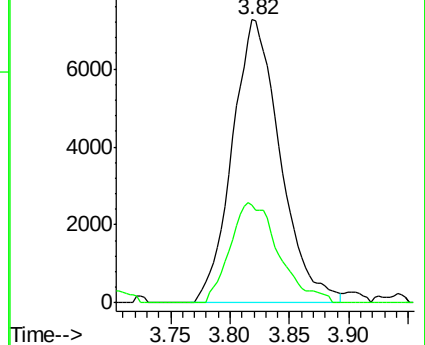
43 100

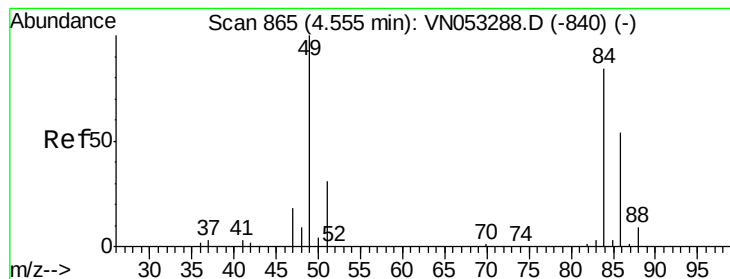
58 34.5 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 1.420 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.01 min

Lab File: VN053324.D

Acq: 9 Jan 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

PB116248ZHE#17

Tot Ion: 84 Resp: 16959

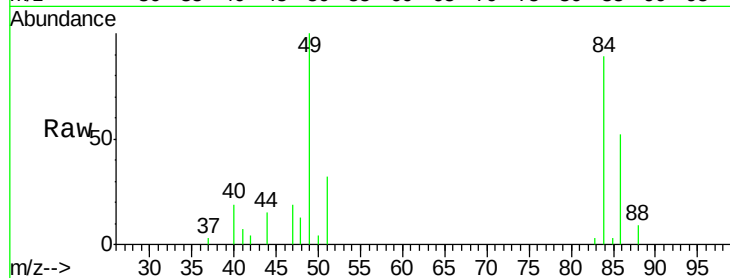
Ion Ratio Lower Upper

84 100

49 112.6 95.3 142.9

51 36.3 29.0 43.6

86 58.9 51.7 77.5

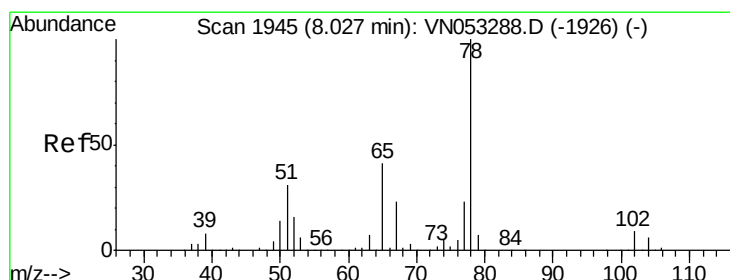
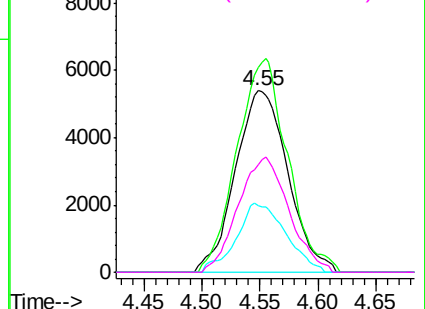
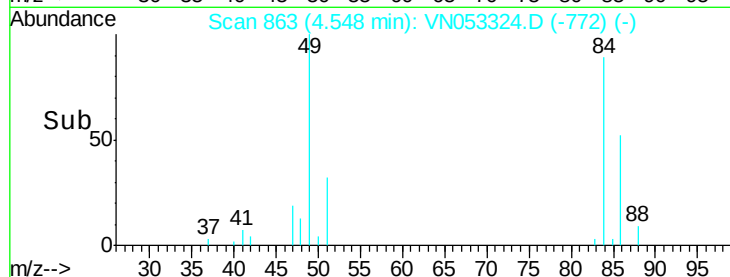


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053324.D

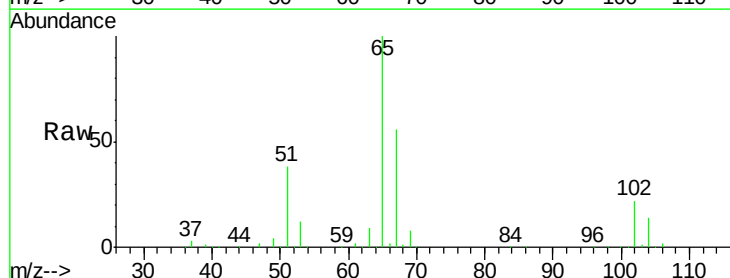
Acq: 9 Jan 2019 17:05

Tgt Ion: 65 Resp: 534506

Ion Ratio Lower Upper

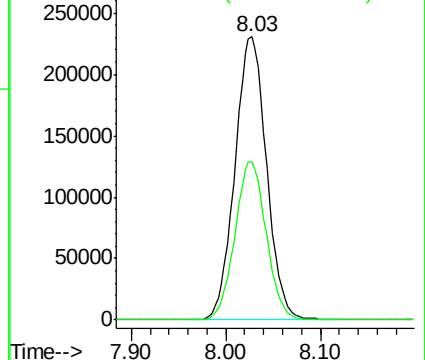
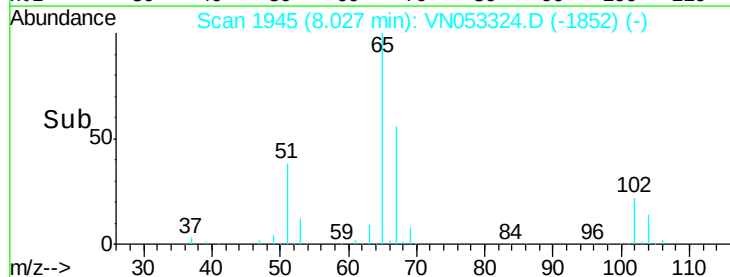
65 100

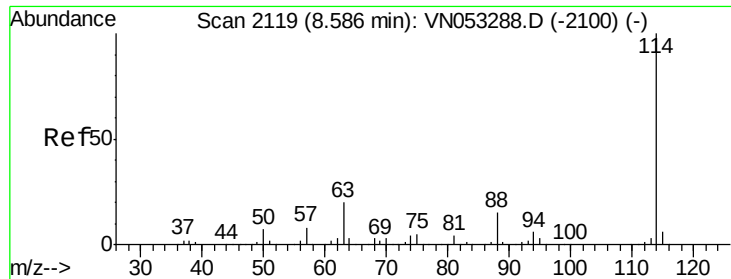
67 55.6 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

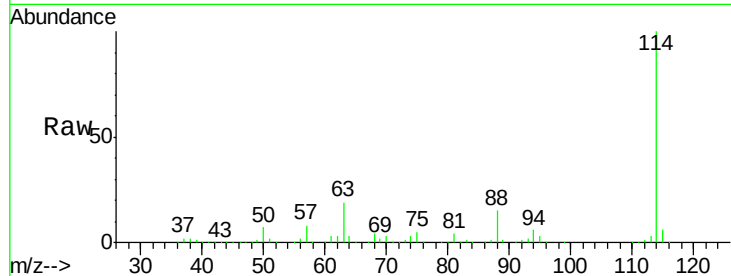




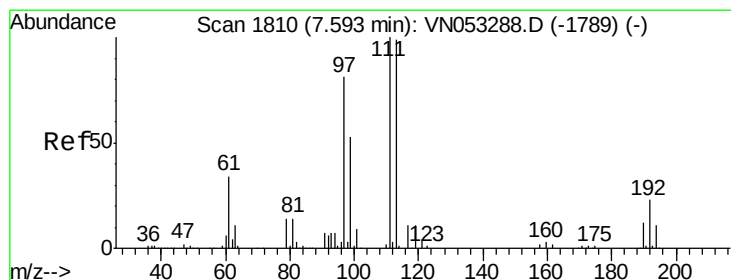
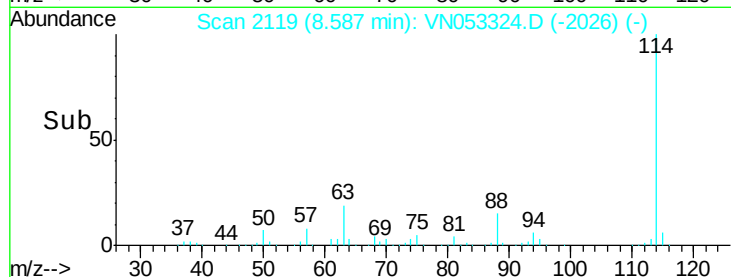
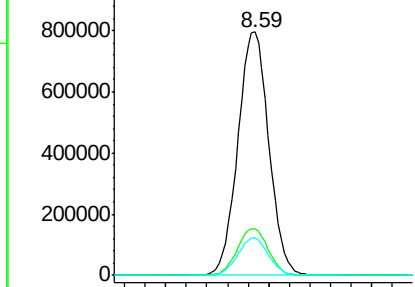
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053324.D
 Acq: 9 Jan 2019 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116248ZHE#17

Tot Ion:114 Resp: 1663268
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.0
 88 15.2 0.0 30.8

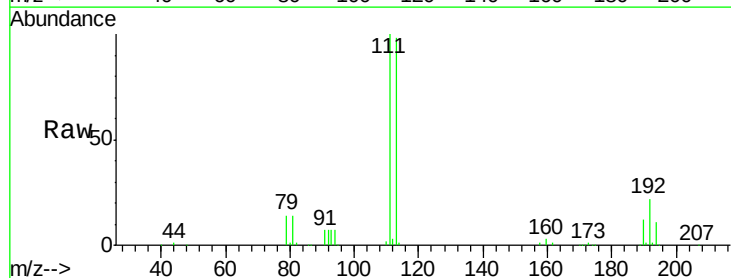


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

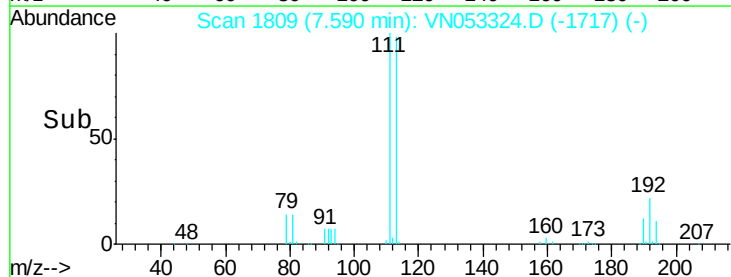
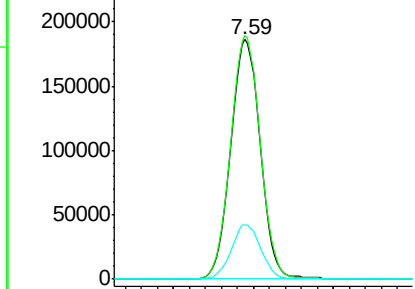


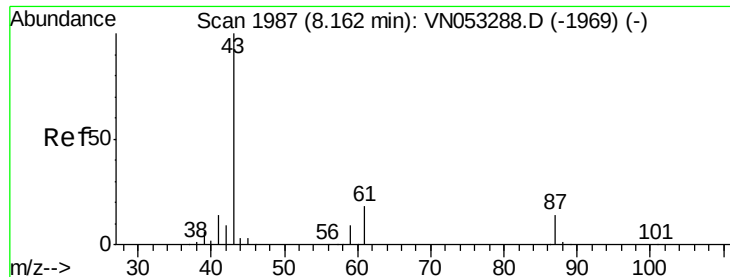
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053324.D
 Acq: 9 Jan 2019 17:05

Tgt Ion:113 Resp: 465218
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.4 122.2
 192 22.7 17.9 26.9



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: 2.311 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053324.D

Acq: 9 Jan 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

PB116248ZHE#17

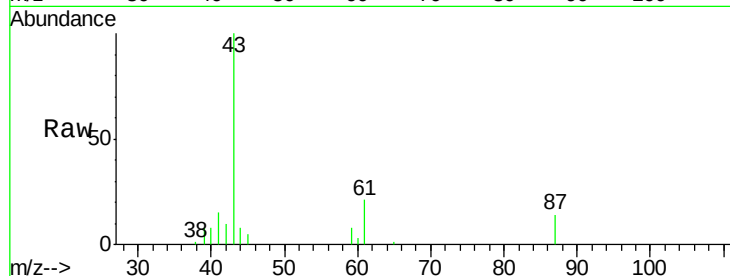
Tot Ion: 43 Resp: 45991

Ion Ratio Lower Upper

43 100

61 19.8 23.3 34.9#

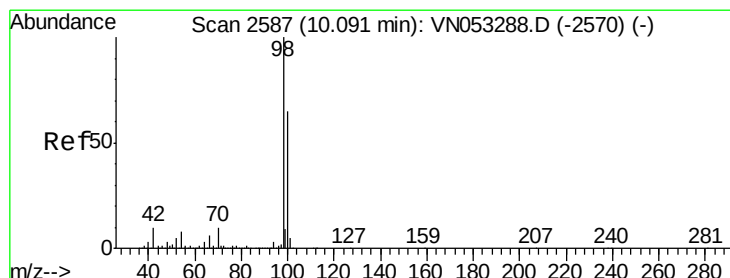
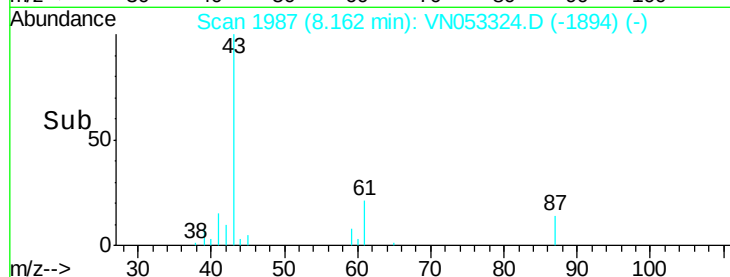
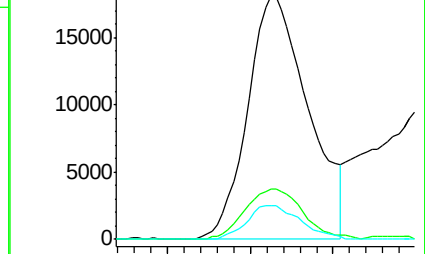
87 12.2 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VN053324.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN053324.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN053324.D (-1894) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN053324.D

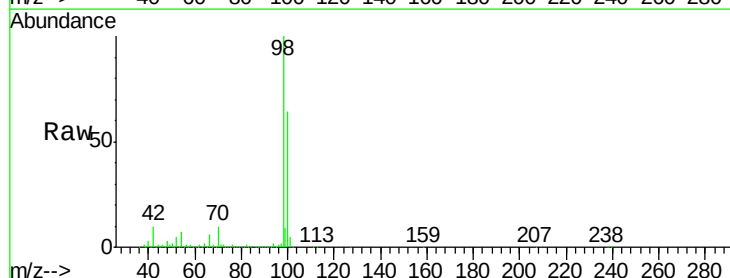
Acq: 9 Jan 2019 17:05

Tgt Ion: 98 Resp: 2060658

Ion Ratio Lower Upper

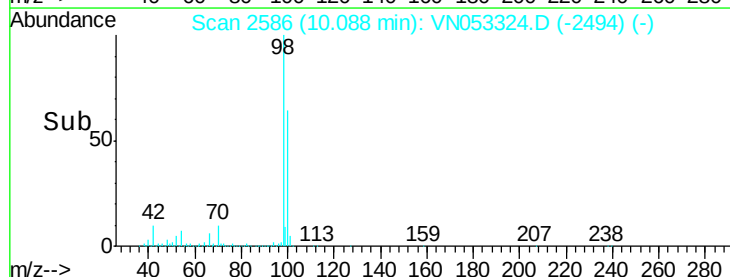
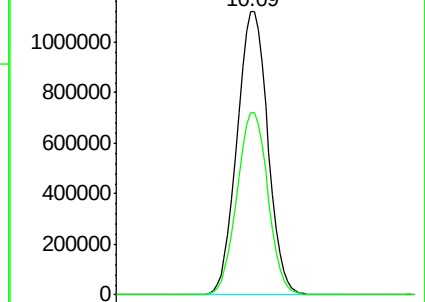
98 100

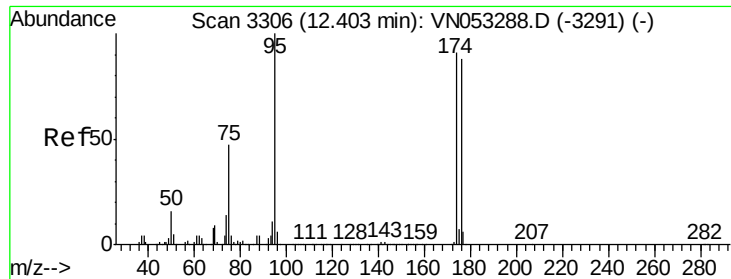
100 64.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053324.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053324.D (-2494) (-)

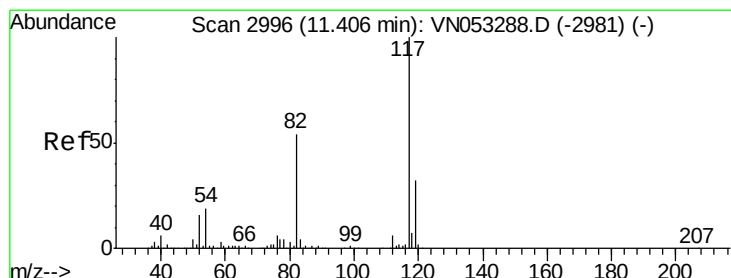
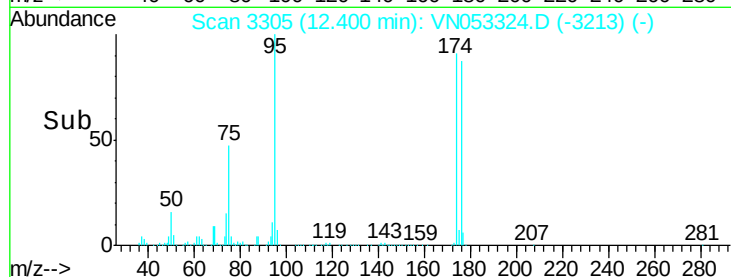
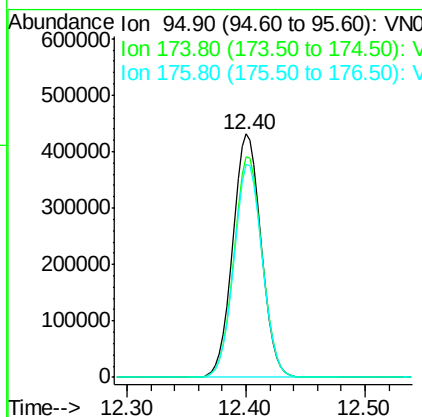
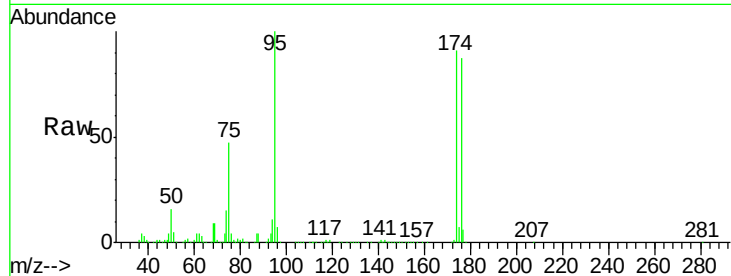




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053324.D
Acq: 9 Jan 2019 17:05

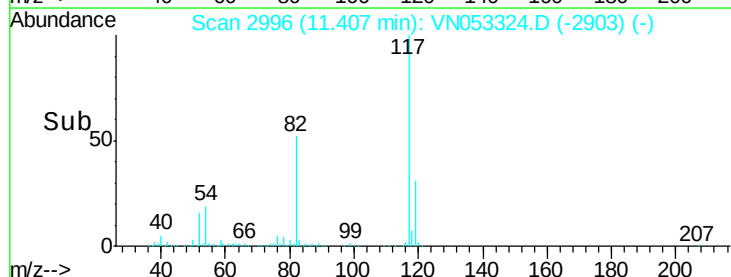
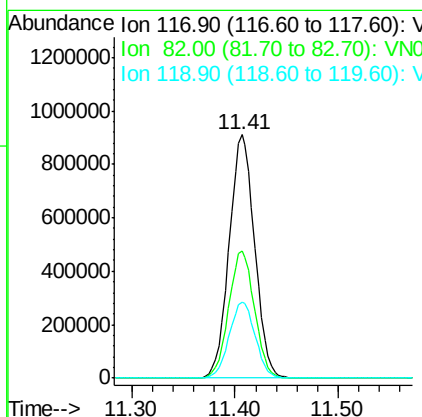
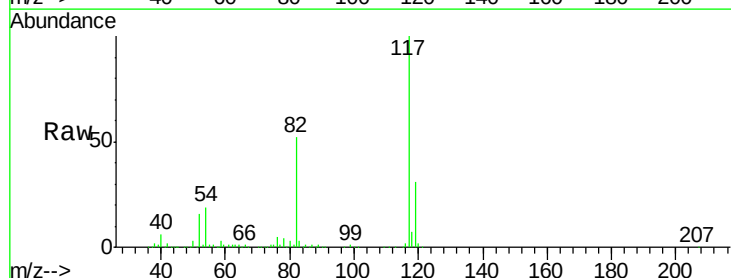
Instrument :
MSVOA_N
ClientSampleId :
PB116248ZHE#17

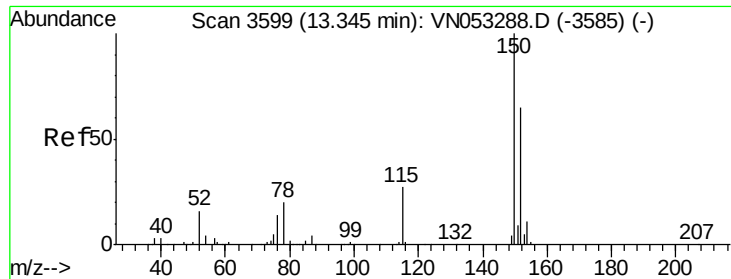
Tot Ion: 95 Resp: 711168
Ion Ratio Lower Upper
95 100
174 90.4 0.0 180.4
176 87.5 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053324.D
Acq: 9 Jan 2019 17:05

Tgt Ion: 117 Resp: 1563145
Ion Ratio Lower Upper
117 100
82 52.4 42.9 64.3
119 31.4 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053324.D

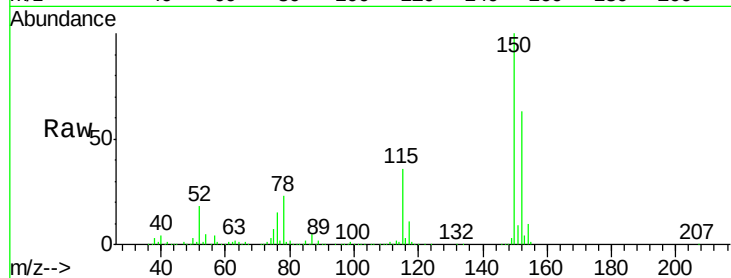
Acq: 9 Jan 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

PB116248ZHE#17



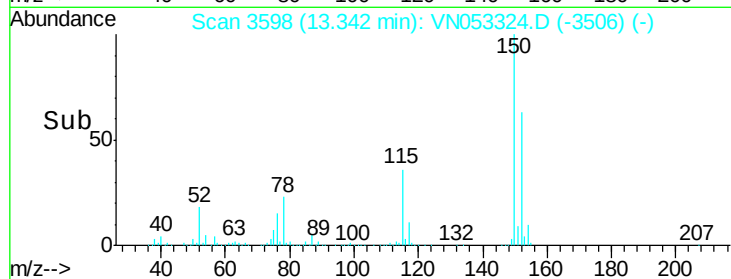
Tot Ion:152 Resp: 619907

Ion Ratio Lower Upper

152 100

115 56.3 28.0 84.0

150 156.7 0.0 346.6



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

