

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
 Data File : VN053550.D
 Acq On : 28 Jan 2019 17:16
 Operator : JC/SP
 Sample : PB116640ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116640ZHE#06

Quant Time: Jan 29 08:32:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

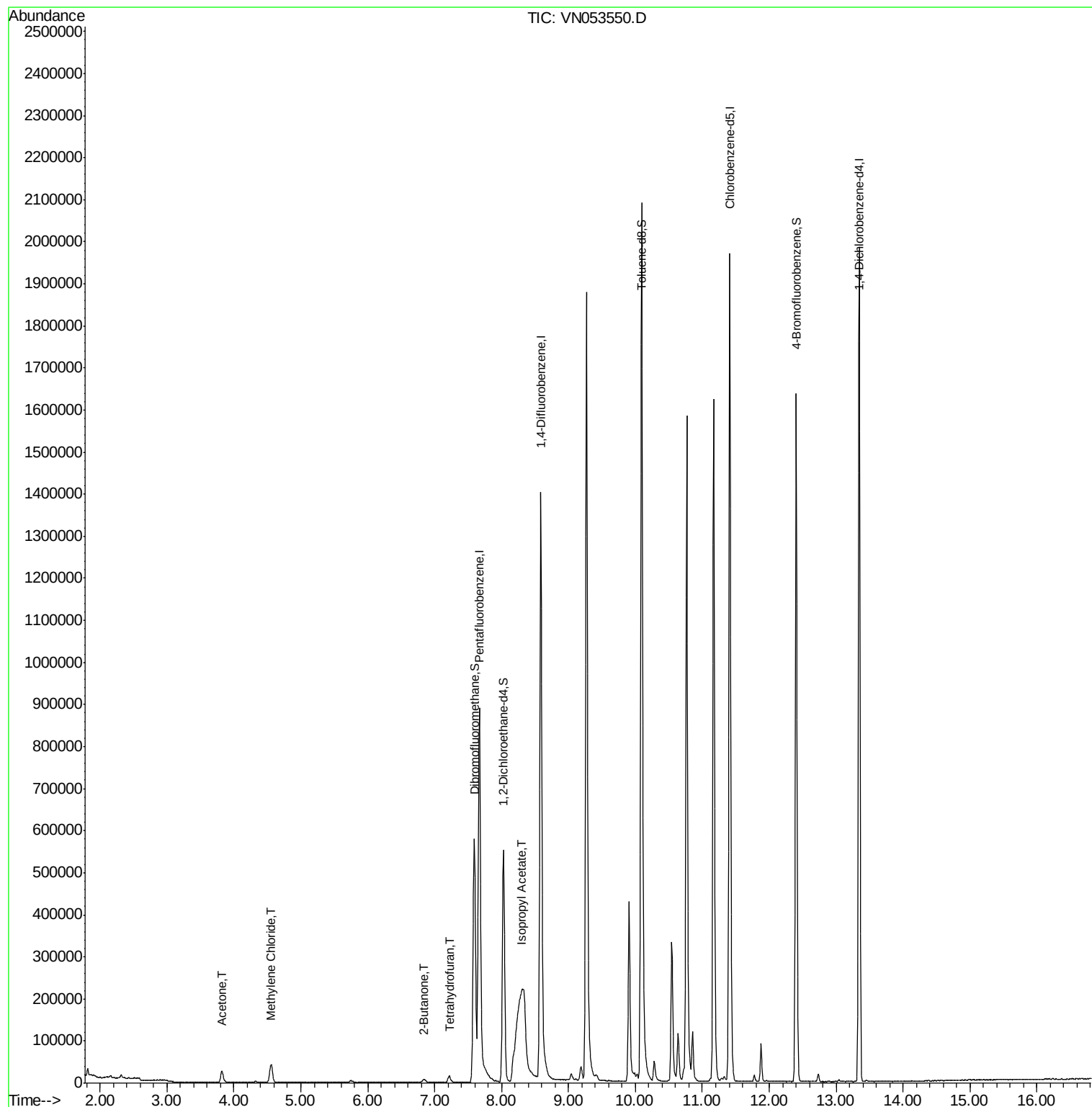
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	903262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1444307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1309745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	569251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	468083	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
35) Dibromofluoromethane	7.59	113	458727	55.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.30%	
50) Toluene-d8	10.09	98	1733373	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.40	95	586565	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
Target Compounds						
16) Acetone	3.82	43	47097	22.485	ug/l	99
20) Methylene Chloride	4.56	84	33583	3.512	ug/l	97
25) 2-Butanone	6.84	43	11380	3.526	ug/l	97
29) Tetrahydrofuran	7.22	42	13225	6.294	ug/l	99
43) Isopropyl Acetate	8.31	43	482260	35.441	ug/l #	51

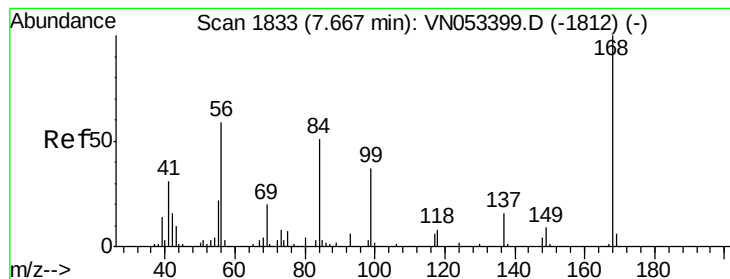
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
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: VN053550.D

Acq: 28 Jan 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

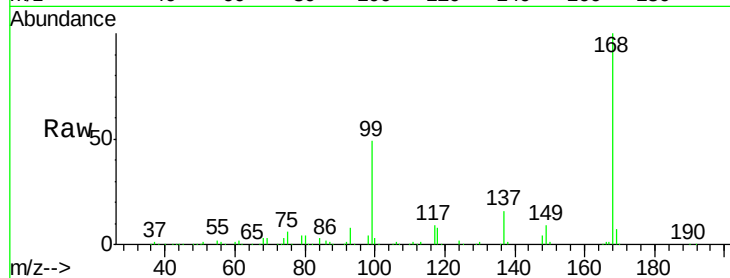
PB116640ZHE#06

Tot Ion:168 Resp: 903262

Ion Ratio Lower Upper

168 100

99 48.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)

7.67

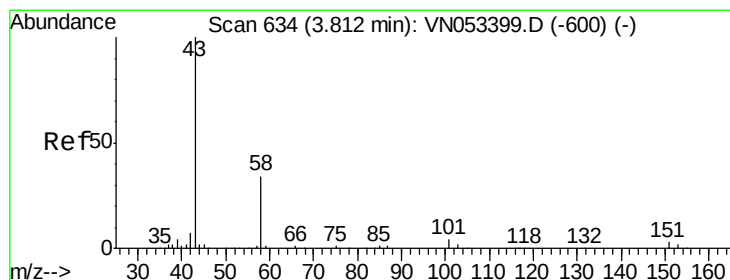
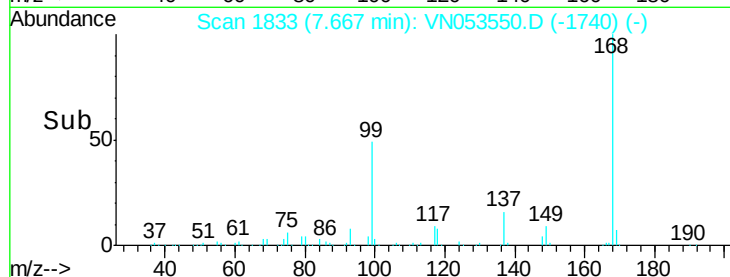
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 22.485 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053550.D

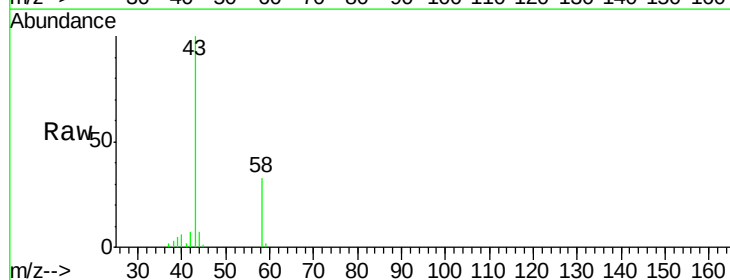
Acq: 28 Jan 2019 17:16

Tgt Ion: 43 Resp: 47097

Ion Ratio Lower Upper

43 100

58 33.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN053399.D (-600) (-)

3.82

20000

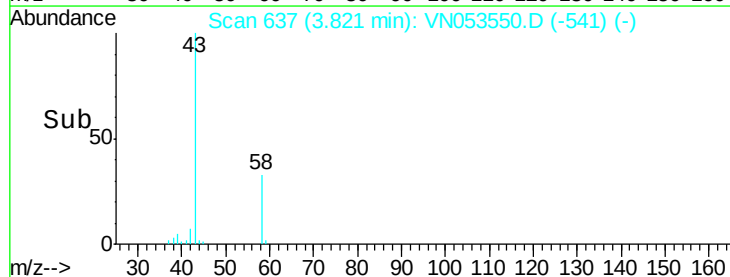
15000

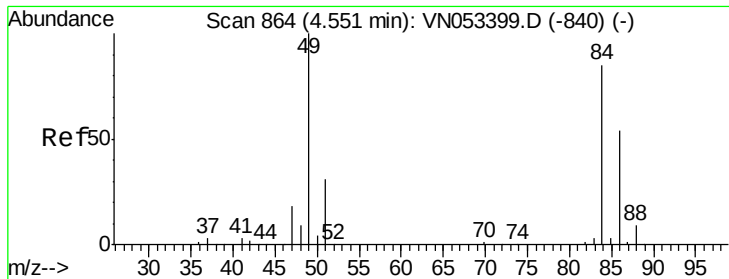
10000

5000

0

Time-->



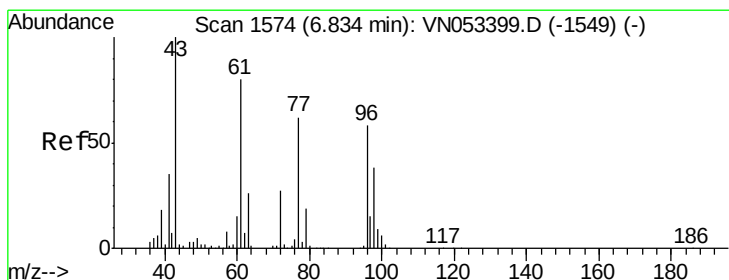
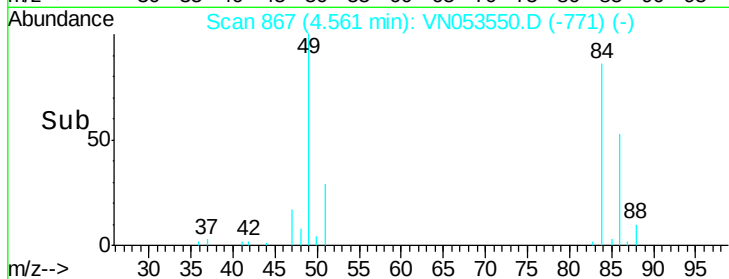
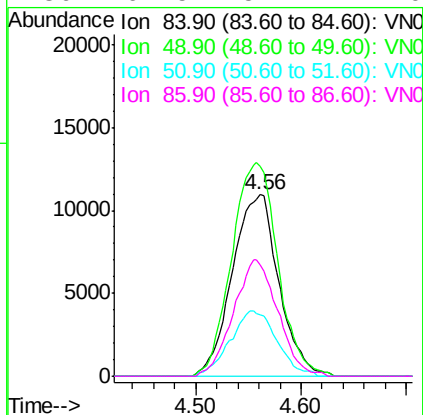
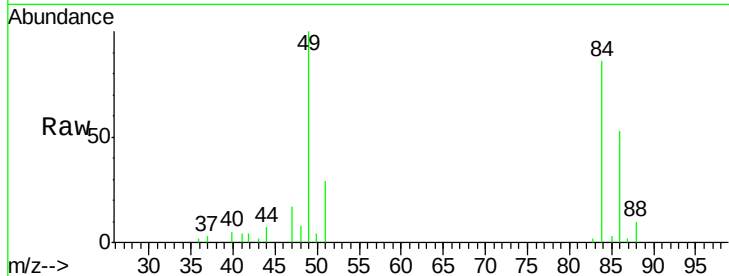


#20
Methvlene Chloride
Concen: 3.512 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN053550.D
Acq: 28 Jan 2019 17:16

Instrument :
MSVOA_N
ClientSampleId :
PB116640ZHE#06

Tot Ion: 84 Resp: 33583

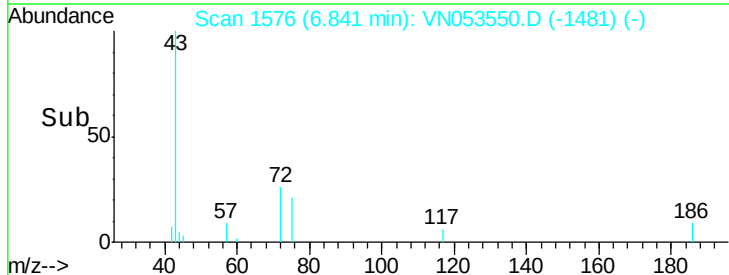
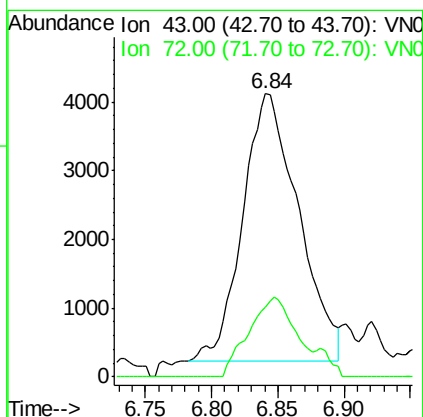
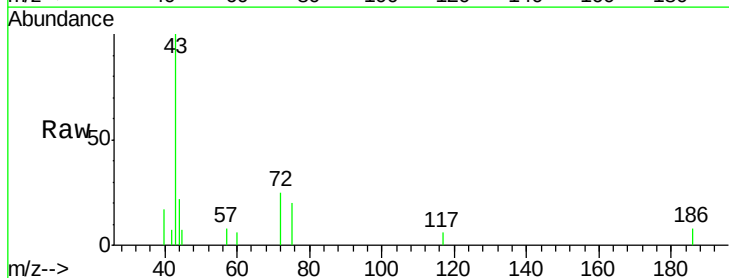
Ion	Ratio	Lower	Upper
84	100		
49	116.0	94.3	141.5
51	33.8	29.4	44.2
86	61.5	51.4	77.0

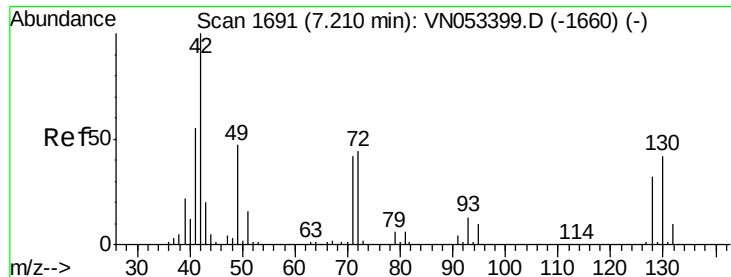


#25
2-Butanone
Concen: 3.526 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053550.D
Acq: 28 Jan 2019 17:16

Tgt Ion: 43 Resp: 11380

Ion	Ratio	Lower	Upper
43	100		
72	26.2	22.0	33.0





#29

Tetrahydrofuran

Concen: 6.294 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN053550.D

Acq: 28 Jan 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#06

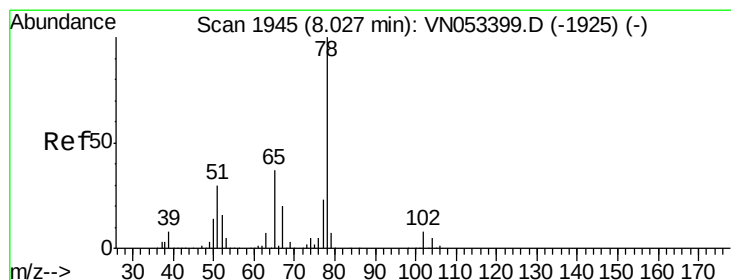
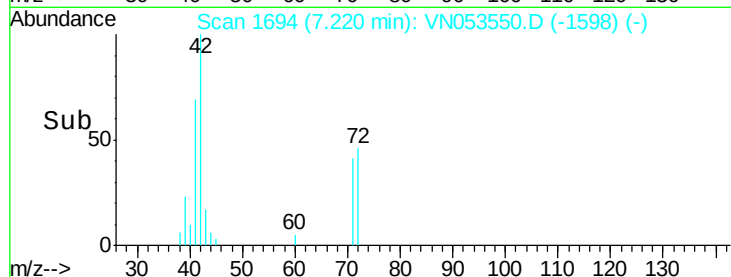
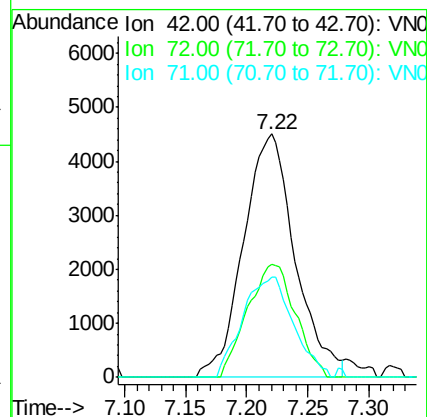
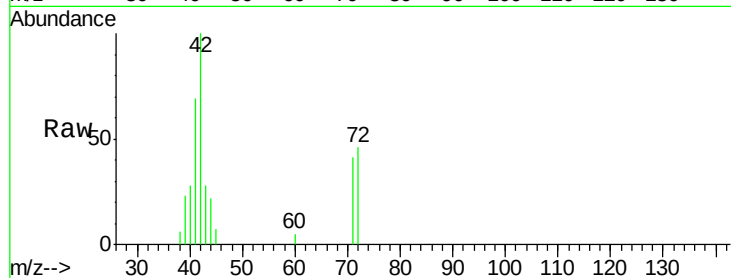
Tot Ion: 42 Resp: 13225

Ion Ratio Lower Upper

42 100

72 43.0 35.2 52.8

71 40.5 33.0 49.4



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053550.D

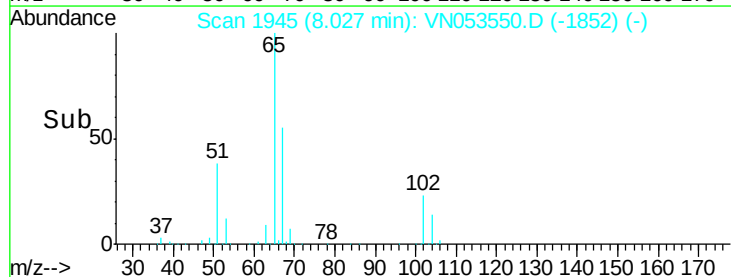
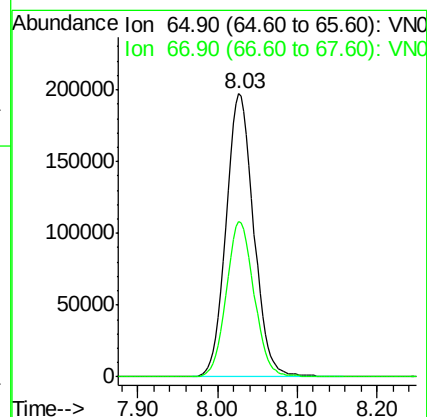
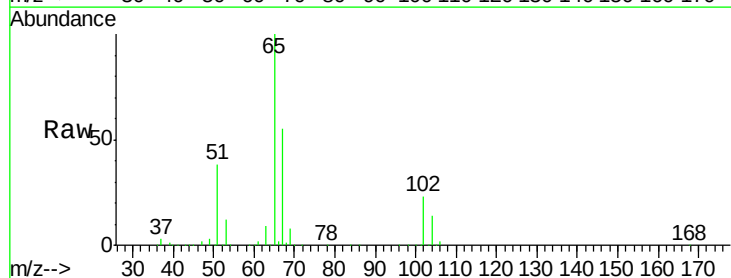
Acq: 28 Jan 2019 17:16

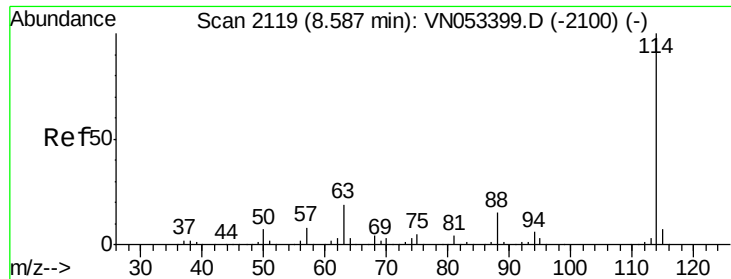
Tgt Ion: 65 Resp: 468083

Ion Ratio Lower Upper

65 100

67 55.0 0.0 111.2

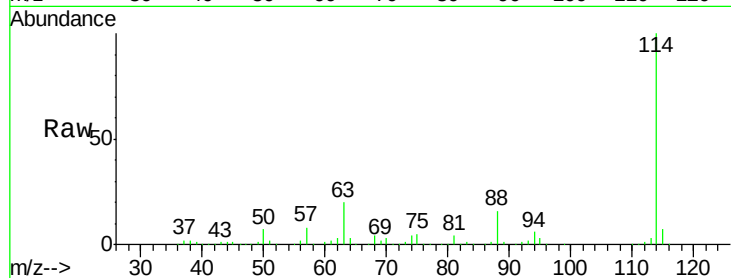




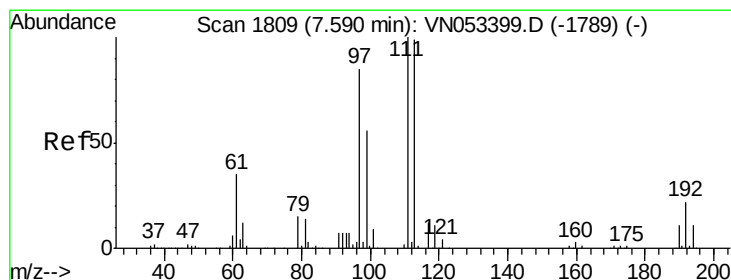
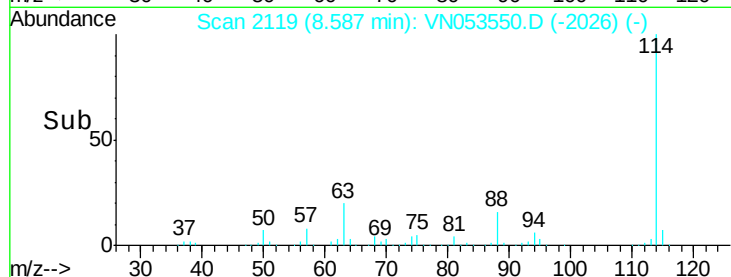
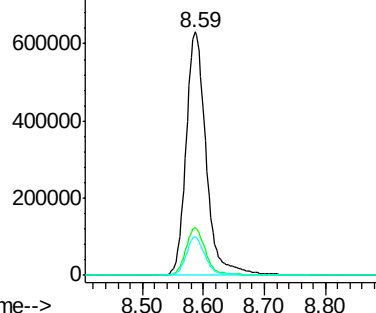
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053550.D
 Acq: 28 Jan 2019 17:16

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116640ZHE#06

Tot Ion:114 Resp: 1444307
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.7 0.0 30.4

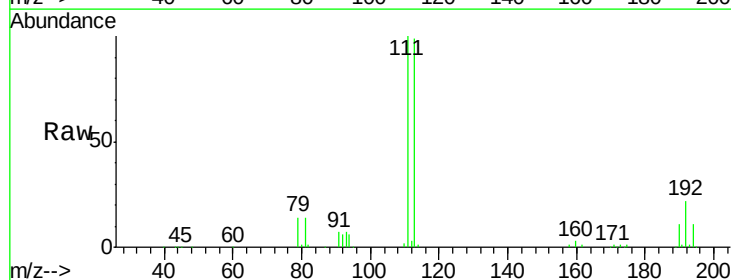


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

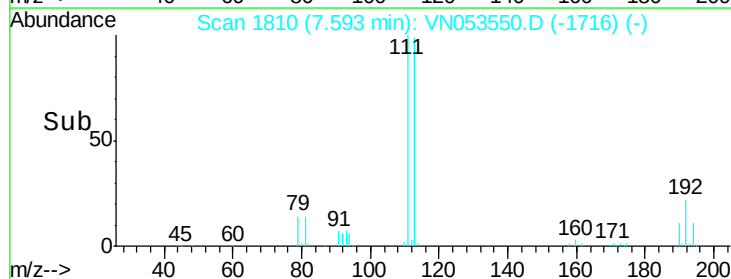
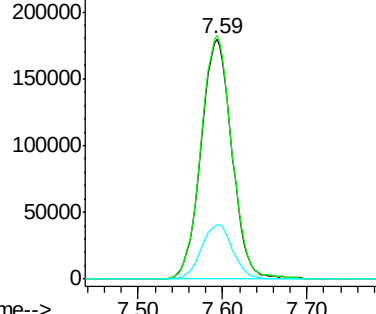


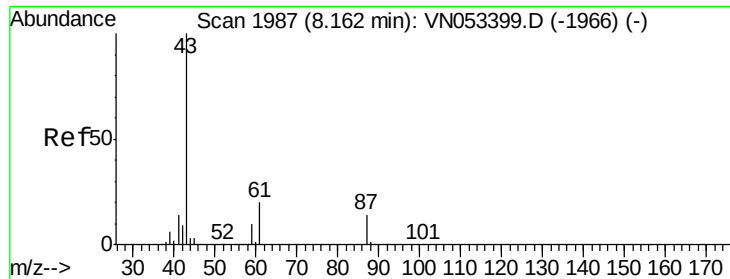
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053550.D
 Acq: 28 Jan 2019 17:16

Tgt Ion:113 Resp: 458727
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.1 121.7
 192 22.9 18.2 27.2



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: 35.441 ug/l

RT: 8.31 min Scan# 2032

Delta R.T. 0.14 min

Lab File: VN053550.D

Acq: 28 Jan 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#06

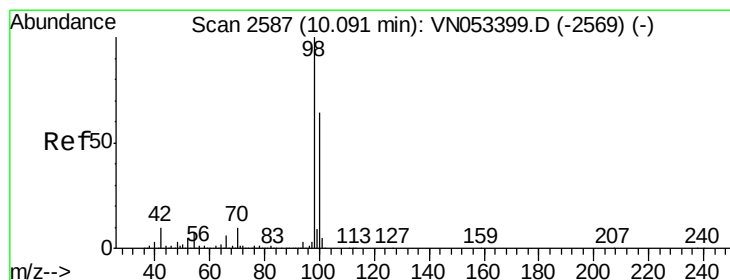
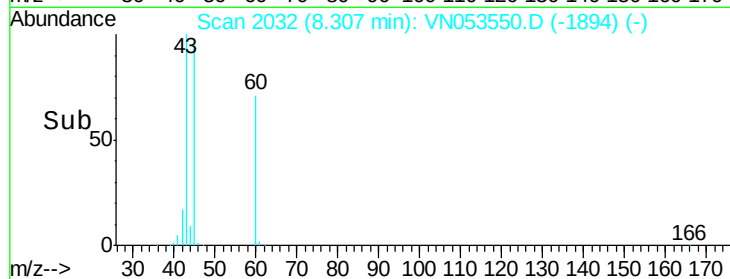
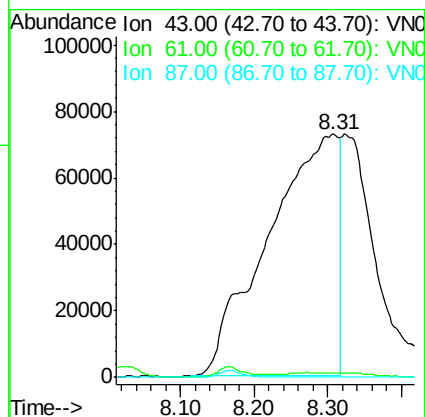
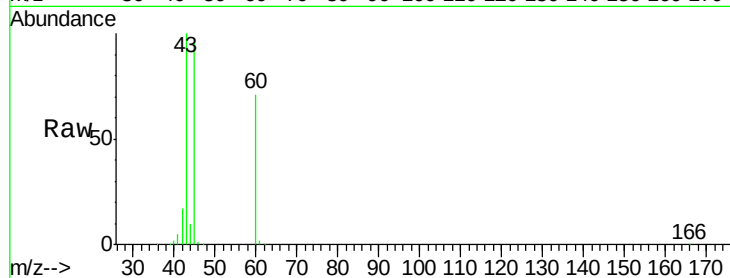
Tot Ion: 43 Resp: 482260

Ion Ratio Lower Upper

43 100

61 0.0 23.9 35.9#

87 0.0 11.0 16.6#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053550.D

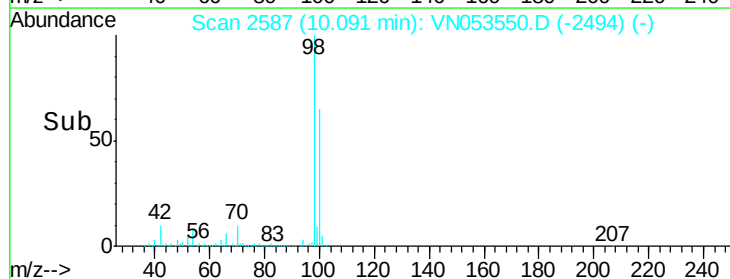
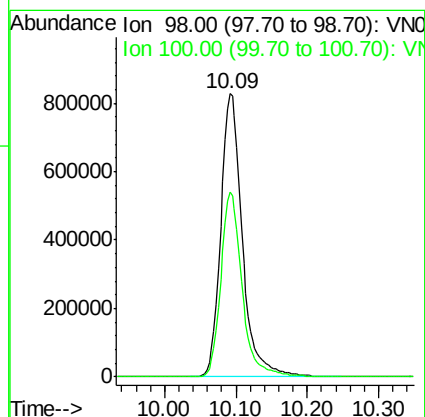
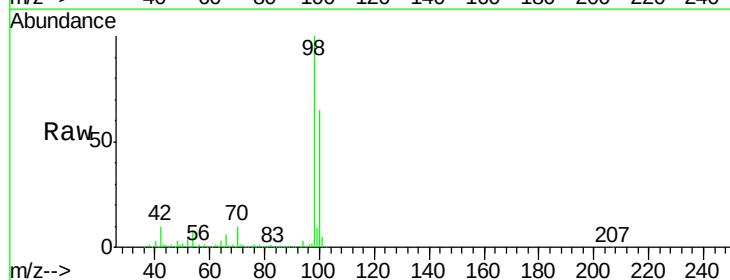
Acq: 28 Jan 2019 17:16

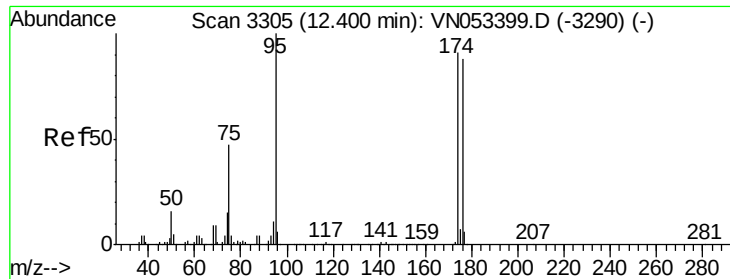
Tgt Ion: 98 Resp: 1733373

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053550.D

Acq: 28 Jan 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#06

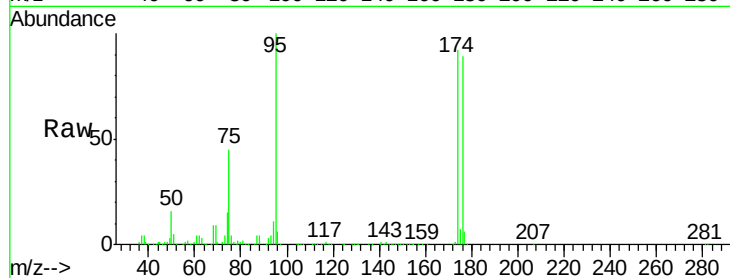
Tot Ion: 95 Resp: 586565

Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.2

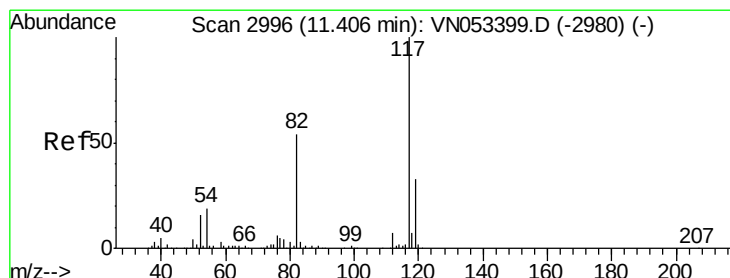
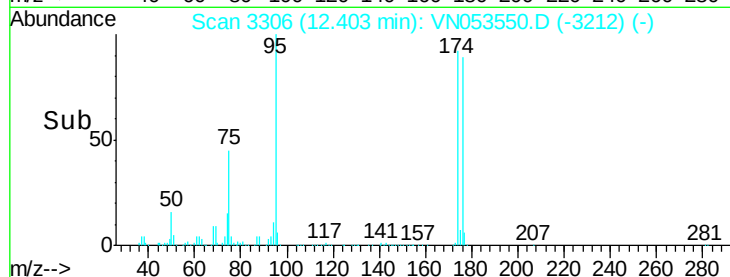
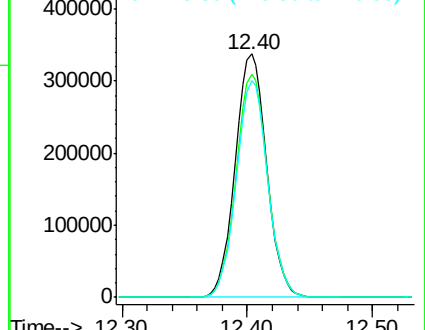
176 88.9 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053550.D

Acq: 28 Jan 2019 17:16

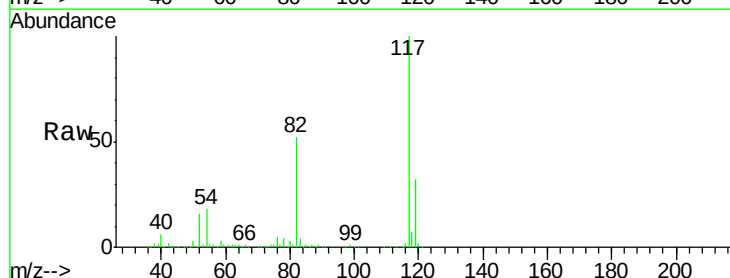
Tgt Ion: 117 Resp: 1309745

Ion Ratio Lower Upper

117 100

82 52.4 42.9 64.3

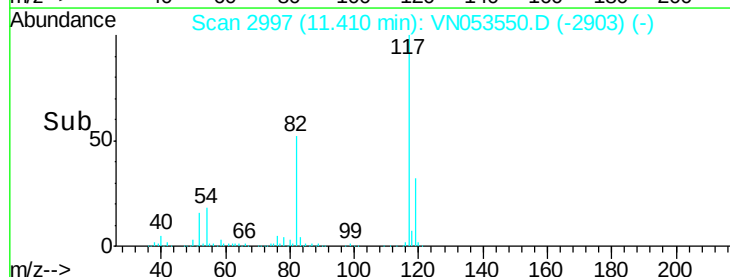
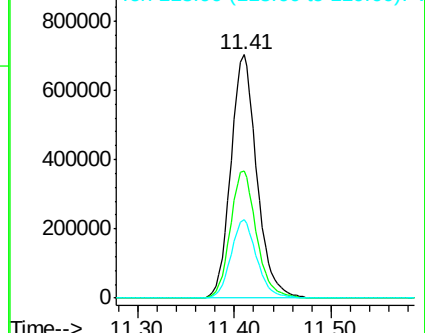
119 32.1 26.0 39.0

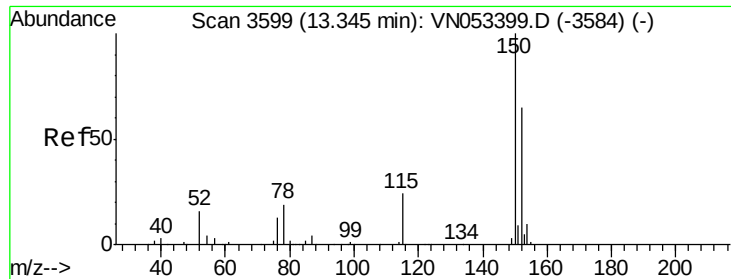


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053550.D

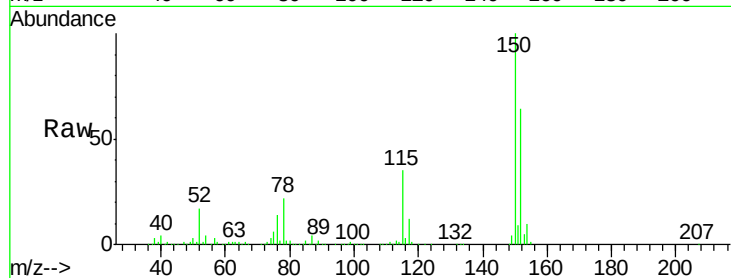
Acq: 28 Jan 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#06



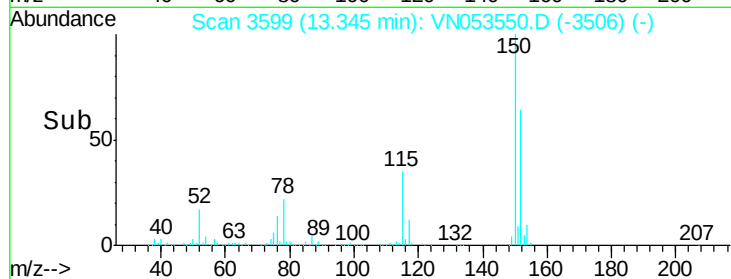
Tot Ion:152 Resp: 569251

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.4

150 158.3 0.0 349.0



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

