

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
 Data File : VN053548.D
 Acq On : 28 Jan 2019 16:22
 Operator : JC/SP
 Sample : PB116640ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116640ZHE#04

Quant Time: Jan 29 08:29:18 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

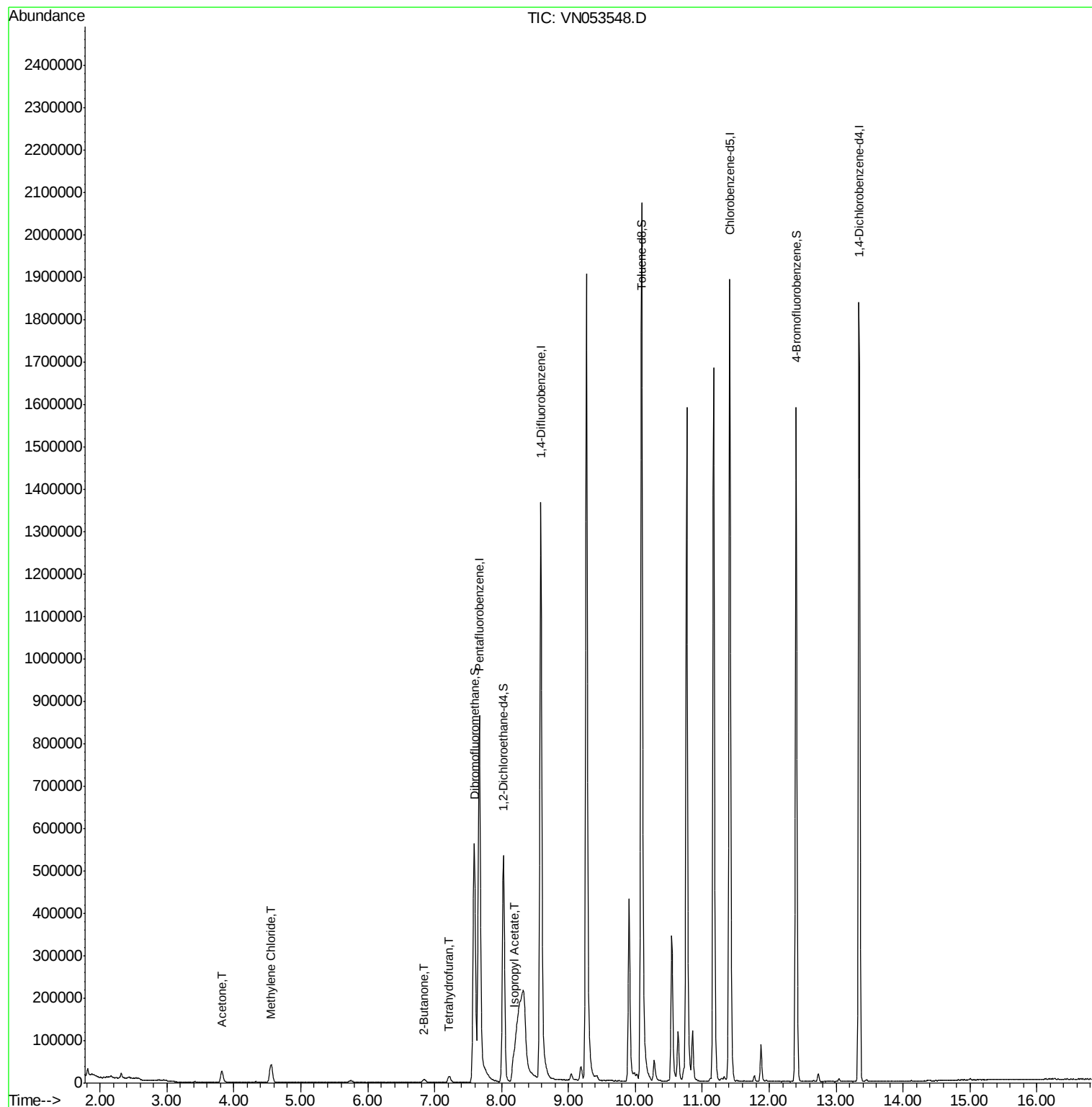
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	881031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1407770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1265090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	538248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	451226	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
35) Dibromofluoromethane	7.59	113	440822	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	
50) Toluene-d8	10.09	98	1699324	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	561479	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
Target Compounds						
16) Acetone	3.82	43	48631	23.803	ug/l	99
20) Methylene Chloride	4.56	84	33818	3.626	ug/l	97
25) 2-Butanone	6.84	43	12077	3.836	ug/l	95
29) Tetrahydrofuran	7.22	42	13774	6.720	ug/l	98
43) Isopropyl Acetate	8.18	43	49871	3.760	ug/l #	78

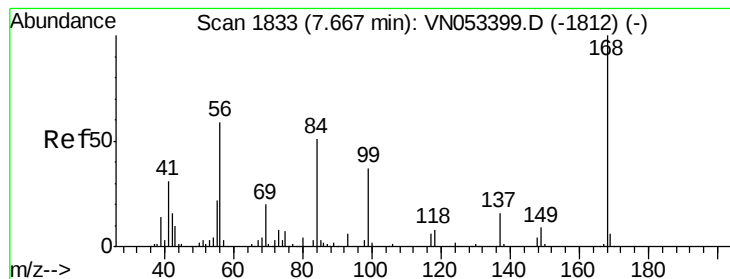
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012819\
Data File : VN053548.D
Acq On : 28 Jan 2019 16:22
Operator : JC/SP
Sample : PB116640ZHE#04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB116640ZHE#04

Quant Time: Jan 29 08:29:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
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: VN053548.D

Acq: 28 Jan 2019 16:22

Instrument :

MSVOA_N

ClientSampleId :

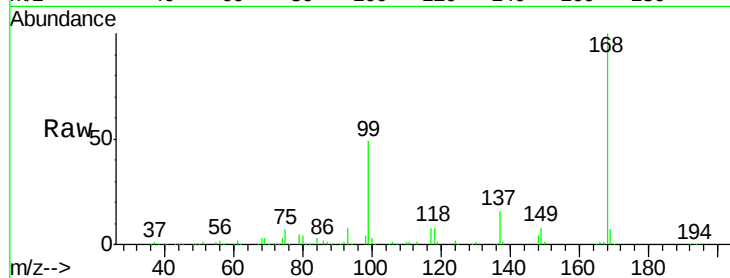
PB116640ZHE#04

Tot Ion:168 Resp: 881031

Ion Ratio Lower Upper

168 100

99 49.3 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

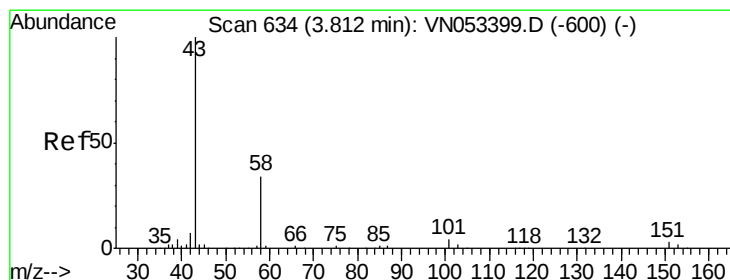
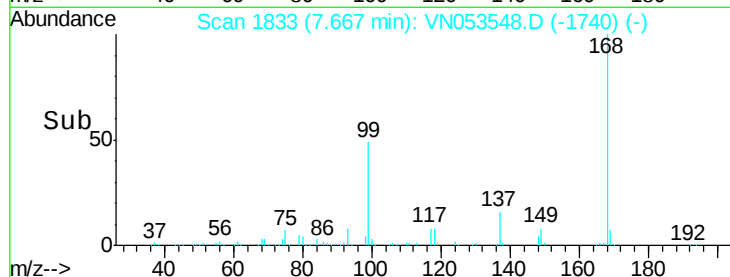
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 23.803 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053548.D

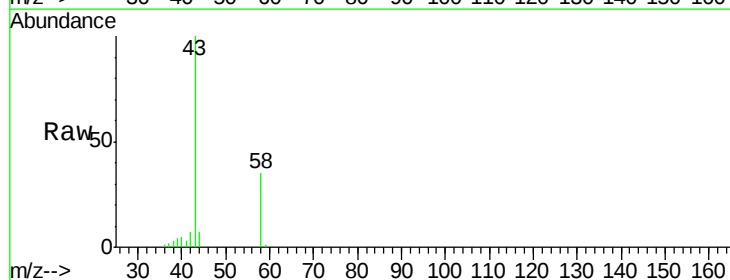
Acq: 28 Jan 2019 16:22

Tgt Ion: 43 Resp: 48631

Ion Ratio Lower Upper

43 100

58 34.6 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

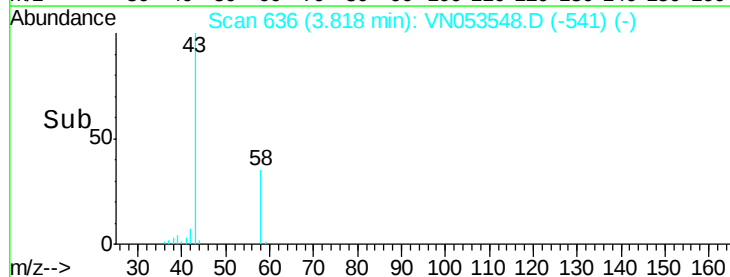
15000

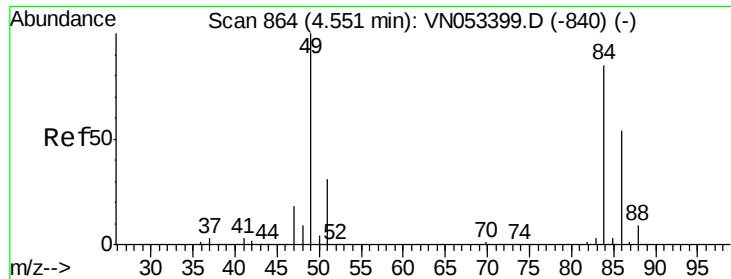
10000

5000

0

Time-->

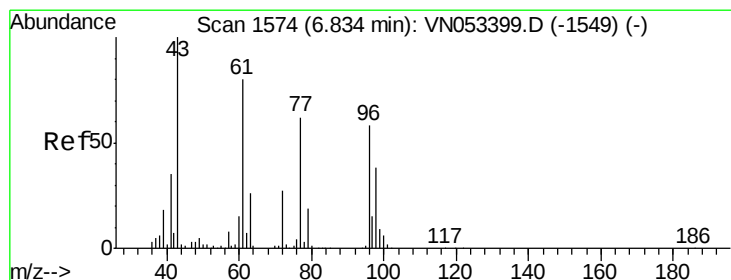
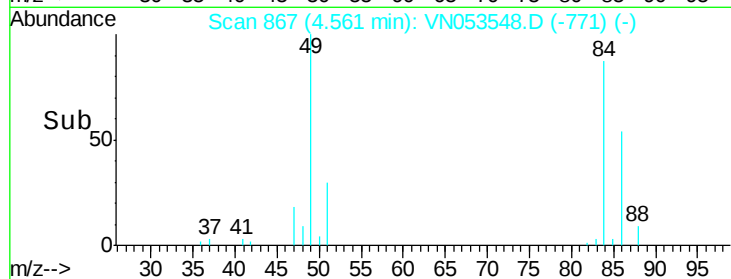
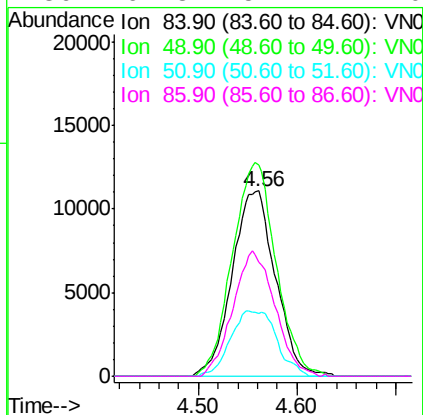
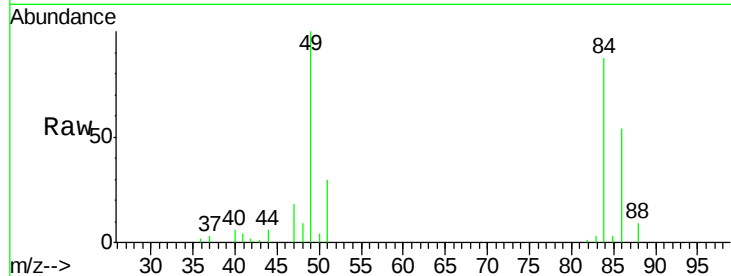




#20
Methvlene Chloride
Concen: 3.626 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN053548.D
Acq: 28 Jan 2019 16:22

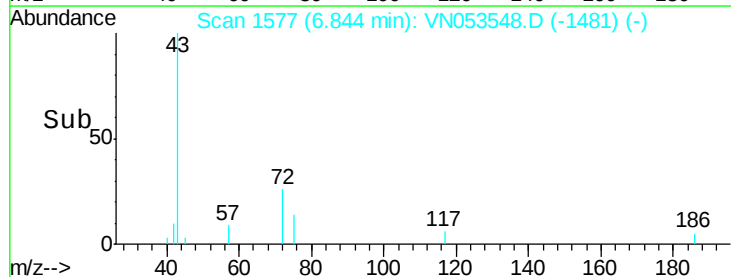
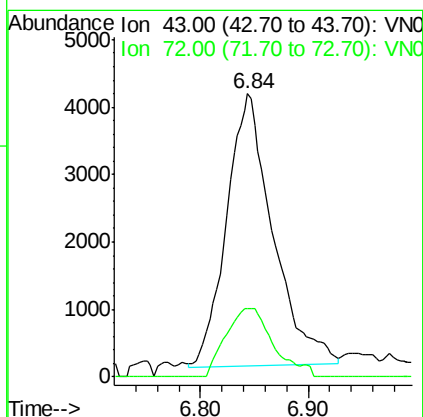
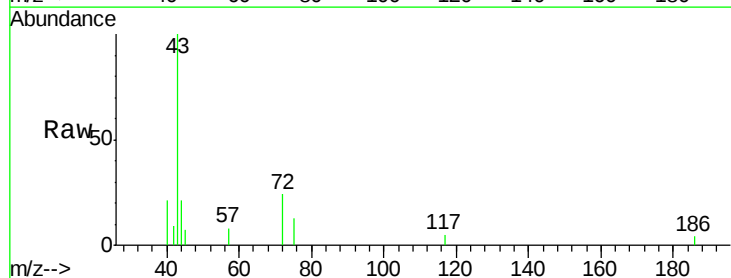
Instrument :
MSVOA_N
ClientSampleId :
PB116640ZHE#04

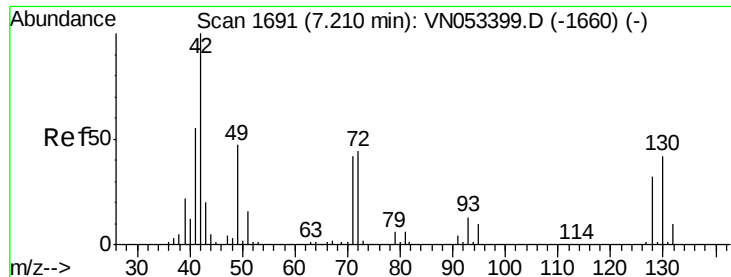
Tot Ion:	84	Resp:	33818
Ion	Ratio	Lower	Upper
84	100		
49	114.5	94.3	141.5
51	34.1	29.4	44.2
86	61.8	51.4	77.0



#25
2-Butanone
Concen: 3.836 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053548.D
Acq: 28 Jan 2019 16:22

Tgt Ion:	43	Resp:	12077
Ion	Ratio	Lower	Upper
43	100		
72	25.1	22.0	33.0





#29

Tetrahydrofuran

Concen: 6.720 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN053548.D

Acq: 28 Jan 2019 16:22

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#04

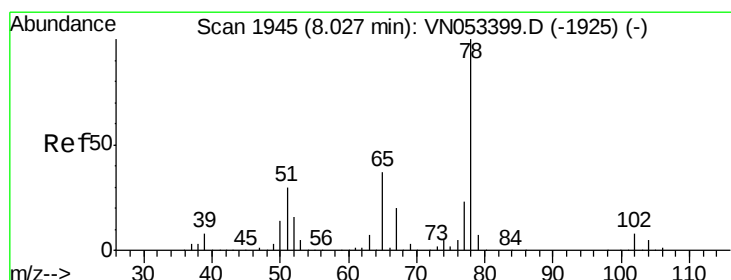
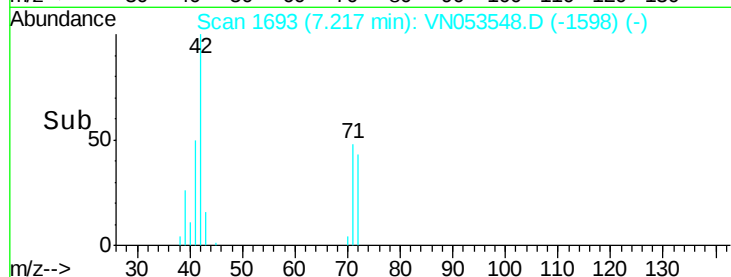
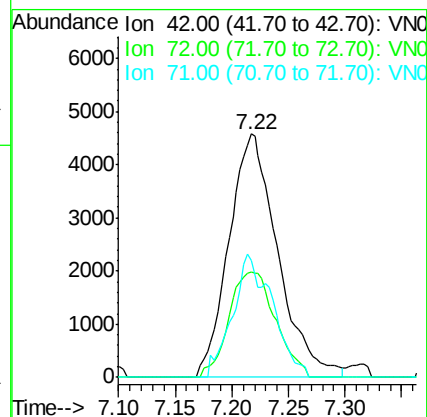
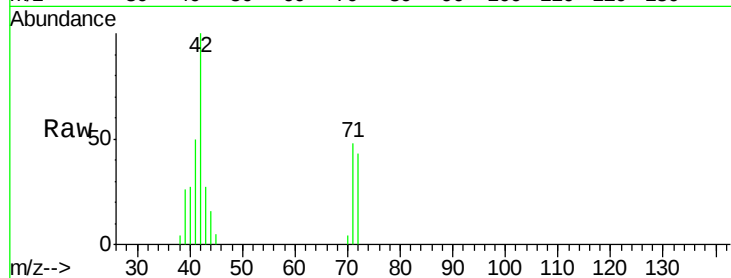
Tot Ion: 42 Resp: 13774

Ion Ratio Lower Upper

42 100

72 41.3 35.2 52.8

71 41.1 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: VN053548.D

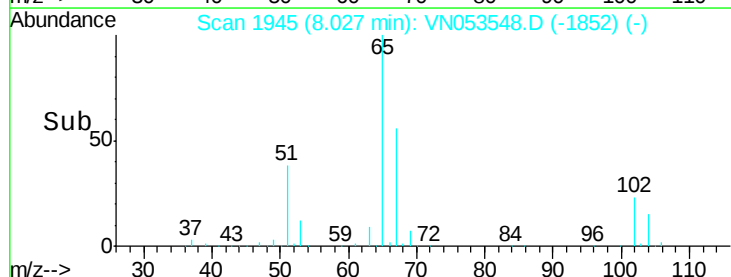
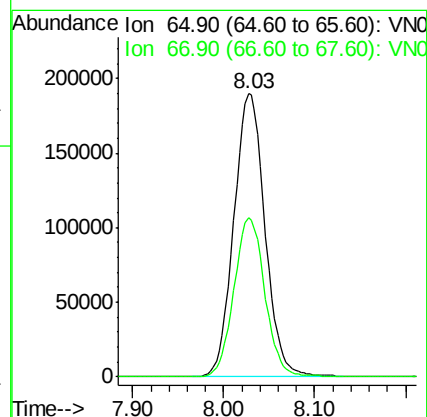
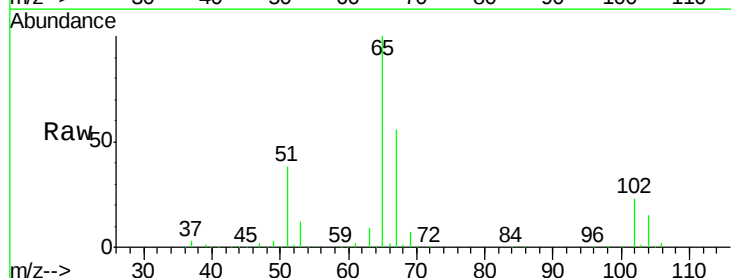
Acq: 28 Jan 2019 16:22

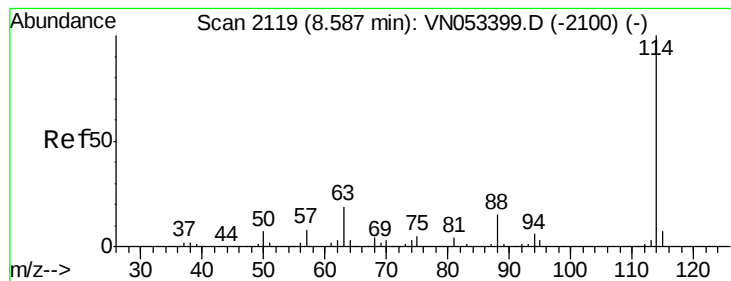
Tgt Ion: 65 Resp: 451226

Ion Ratio Lower Upper

65 100

67 56.0 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: VN053548.D

Acq: 28 Jan 2019 16:22

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#04

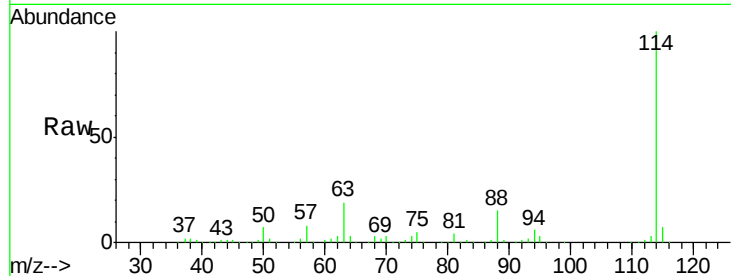
Tot Ion:114 Resp: 1407770

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

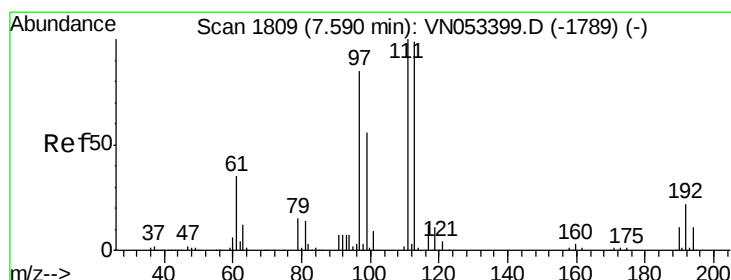
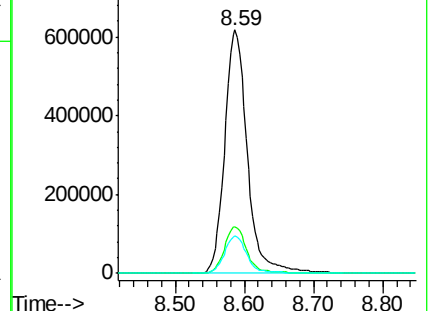
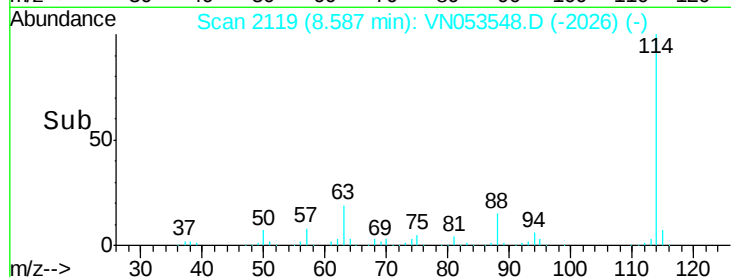
88 15.3 0.0 30.4



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# 1810

Delta R.T. 0.00 min

Lab File: VN053548.D

Acq: 28 Jan 2019 16:22

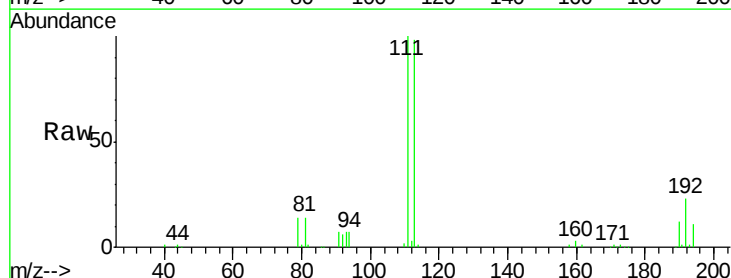
Tgt Ion:113 Resp: 440822

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

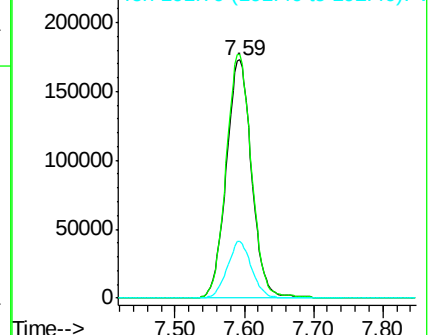
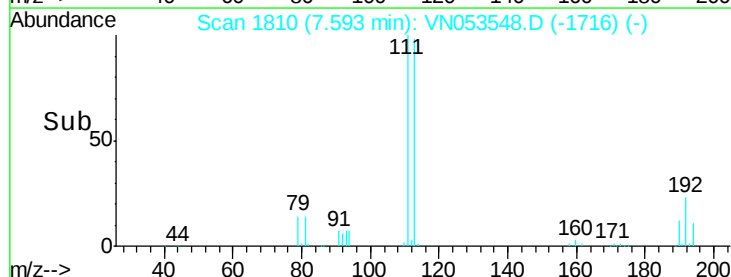
192 23.0 18.2 27.2

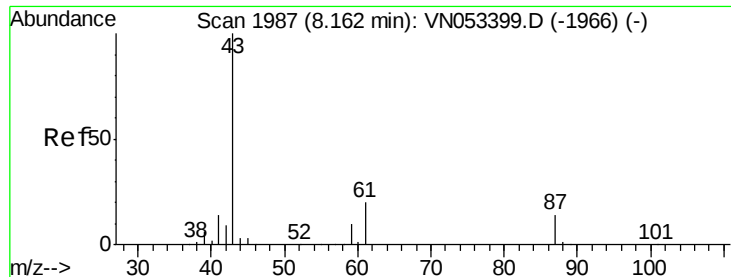


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.760 ug/l

RT: 8.18 min Scan# 1992

Delta R.T. 0.02 min

Lab File: VN053548.D

Acq: 28 Jan 2019 16:22

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#04

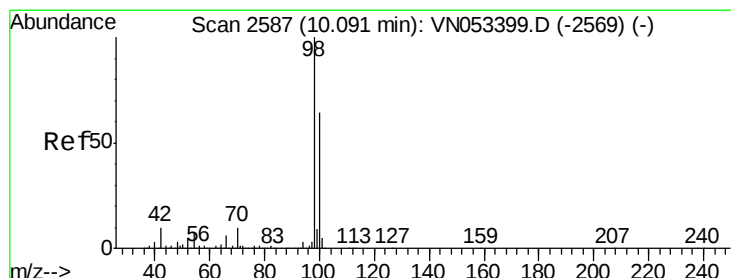
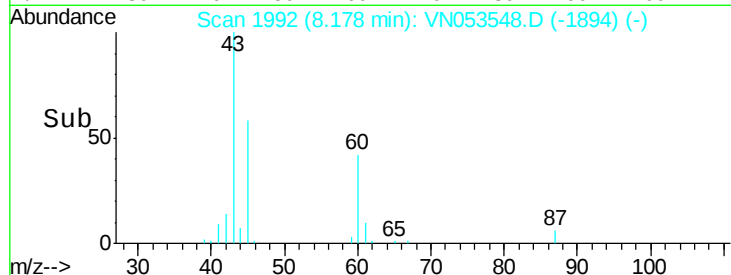
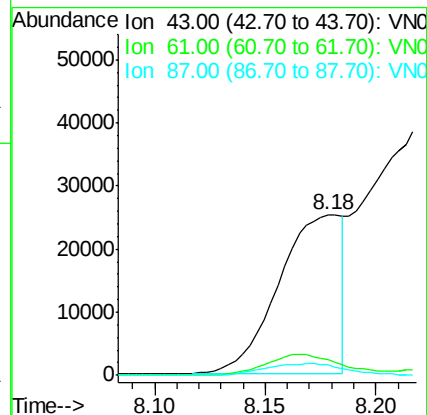
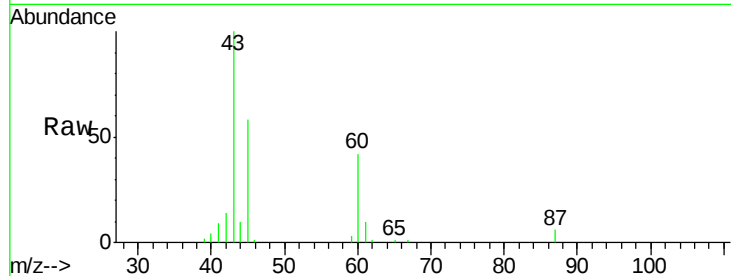
Tot Ion: 43 Resp: 49871

Ion Ratio Lower Upper

43 100

61 15.6 23.9 35.9#

87 9.3 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: VN053548.D

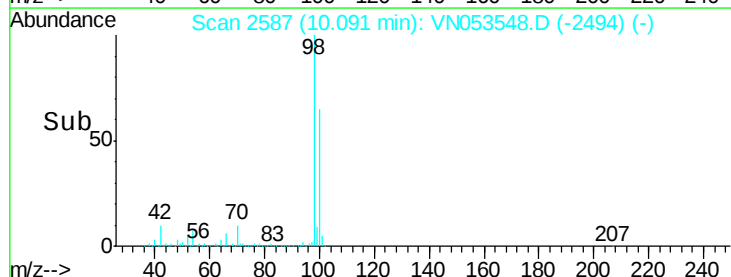
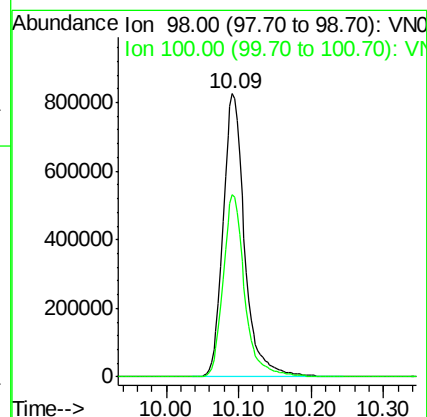
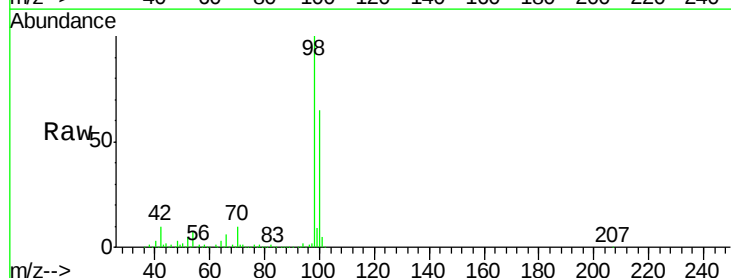
Acq: 28 Jan 2019 16:22

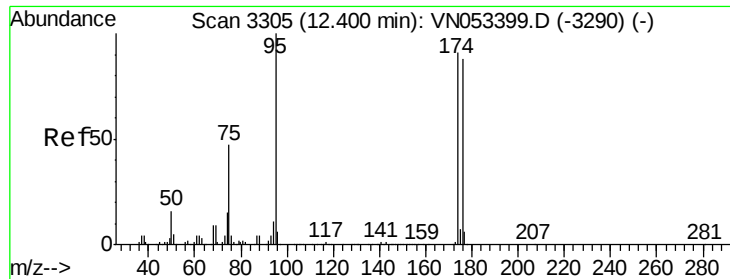
Tgt Ion: 98 Resp: 1699324

Ion Ratio Lower Upper

98 100

100 64.1 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: VN053548.D

Acq: 28 Jan 2019 16:22

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#04

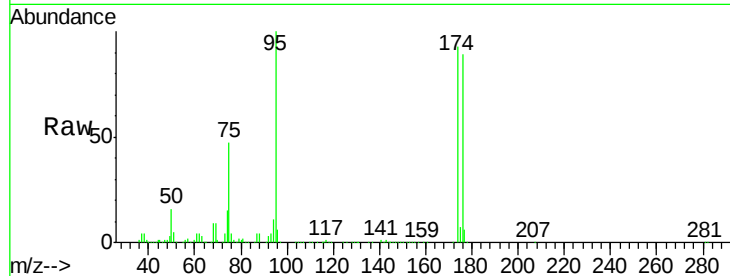
Tot Ion: 95 Resp: 561479

Ion Ratio Lower Upper

95 100

174 92.5 0.0 183.2

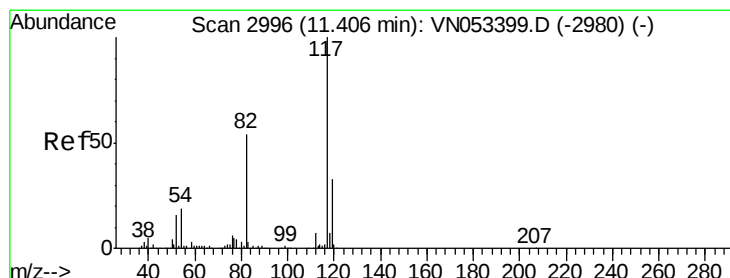
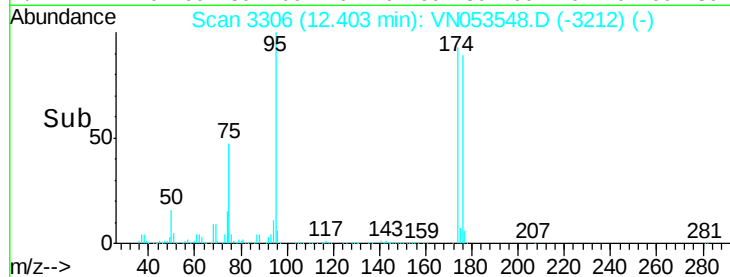
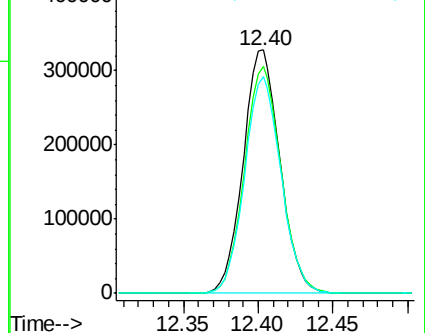
176 88.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053548.D

Acq: 28 Jan 2019 16:22

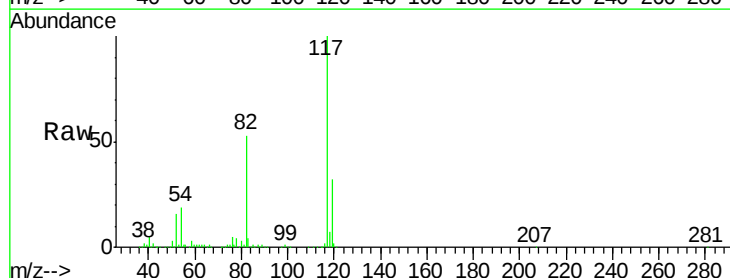
Tgt Ion: 117 Resp: 1265090

Ion Ratio Lower Upper

117 100

82 53.1 42.9 64.3

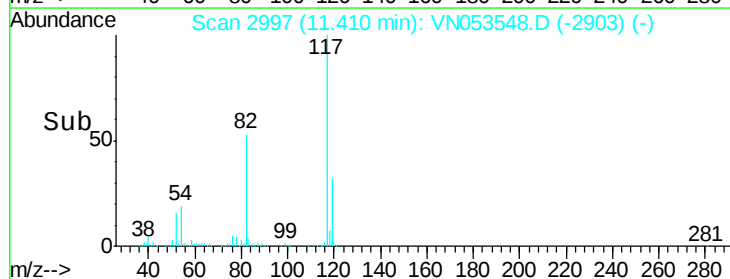
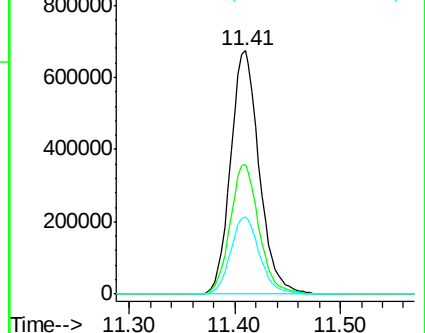
119 31.9 26.0 39.0

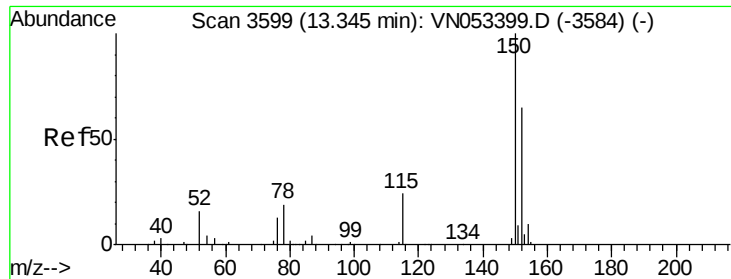


Abundance Ion 116.90 (116.60 to 117.60): VN

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053548.D

Acq: 28 Jan 2019 16:22

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#04

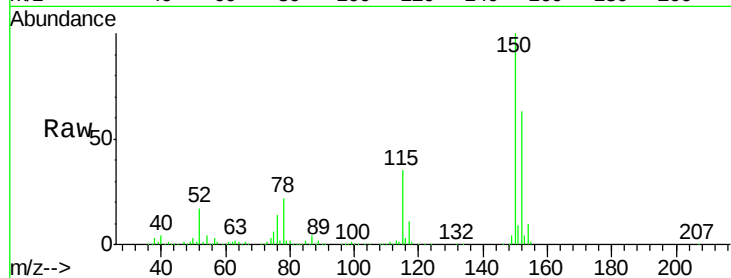
Tot Ion:152 Resp: 538248

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.4

150 157.4 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

