

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
 Data File : VN053546.D
 Acq On : 28 Jan 2019 15:28
 Operator : JC/SP
 Sample : PB116640ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116640ZHE#02

Quant Time: Jan 29 08:25:23 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

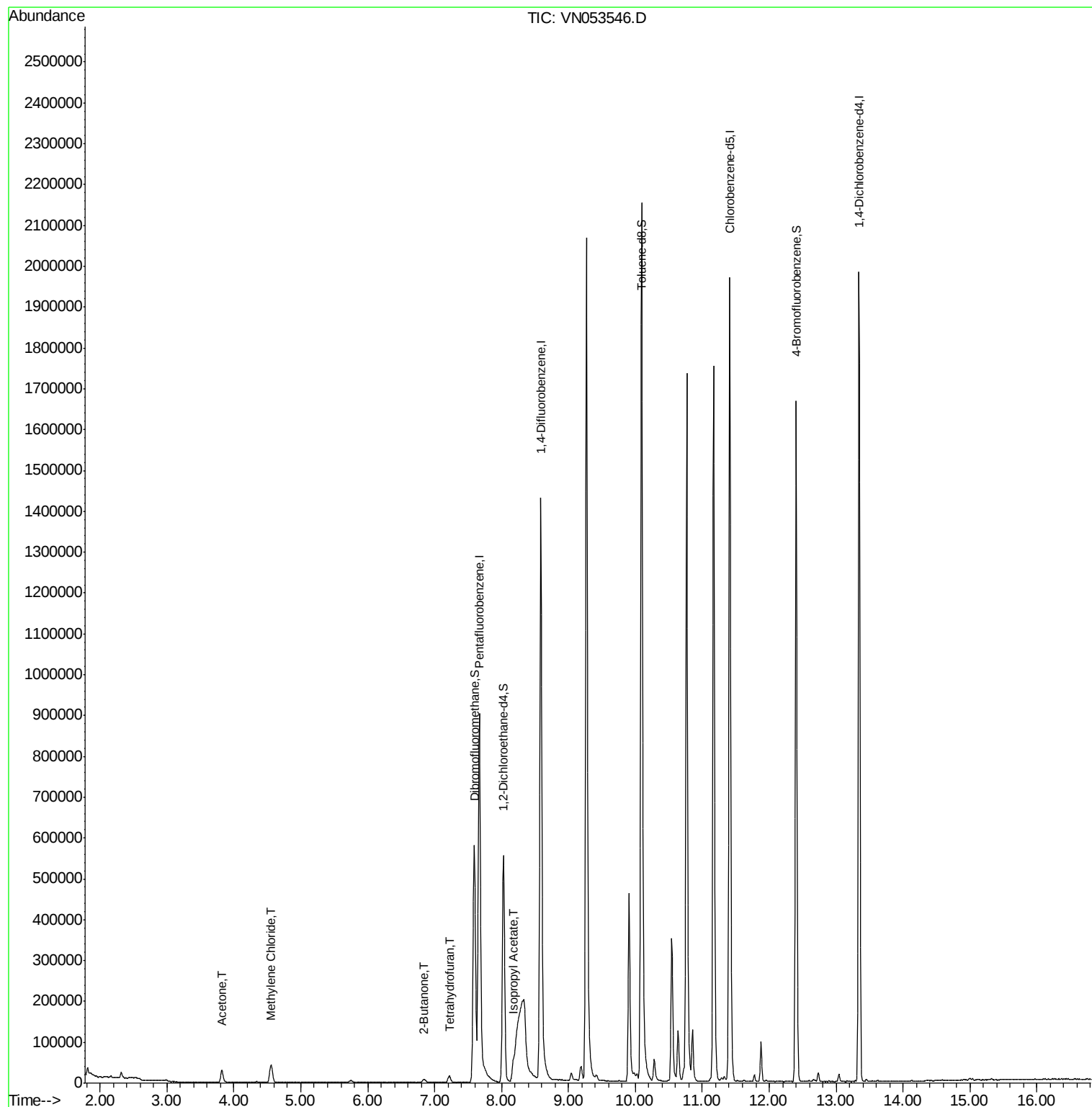
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	910832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1452439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1314888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	574239	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	470022	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
35) Dibromofluoromethane	7.59	113	449805	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
50) Toluene-d8	10.09	98	1761411	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.40	95	590372	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
Target Compounds						
16) Acetone	3.82	43	52393	24.805	ug/l	Qvalue 100
20) Methylene Chloride	4.55	84	34186	3.545	ug/l	97
25) 2-Butanone	6.84	43	13645	4.192	ug/l	93
29) Tetrahydrofuran	7.22	42	14155	6.680	ug/l	98
43) Isopropyl Acetate	8.17	43	43179	3.155	ug/l #	84

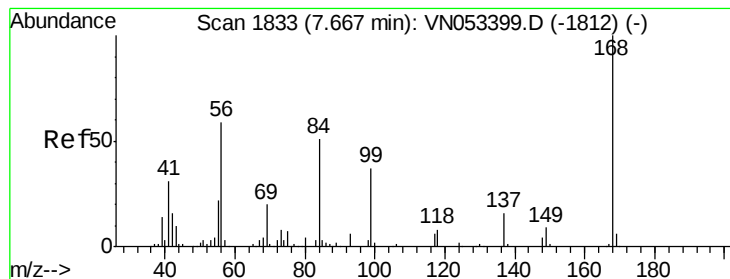
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053546.D

Acq: 28 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

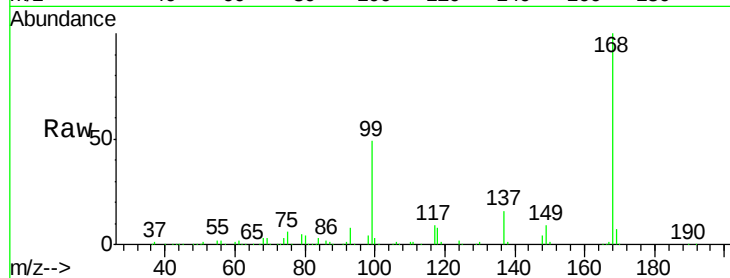
PB116640ZHE#02

Tot Ion:168 Resp: 910832

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

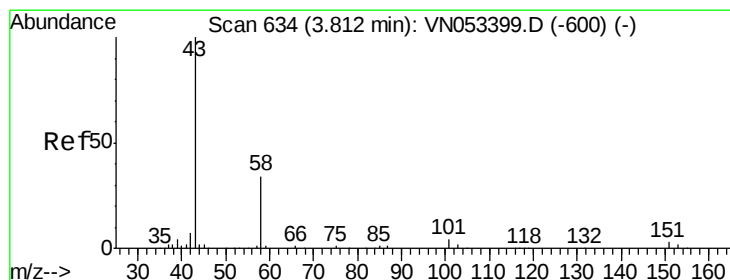
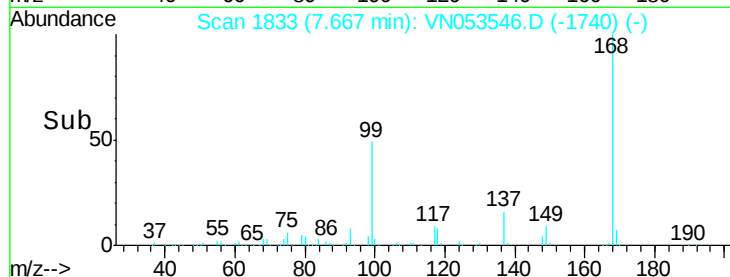
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 24.805 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053546.D

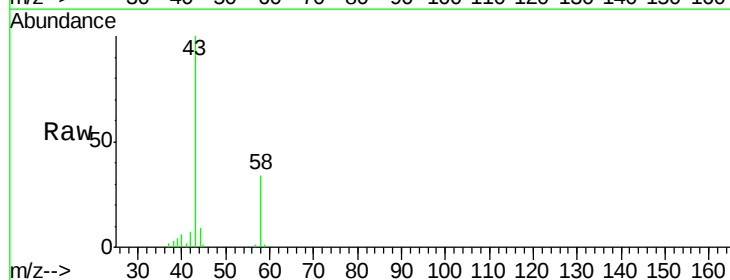
Acq: 28 Jan 2019 15:28

Tgt Ion: 43 Resp: 52393

Ion Ratio Lower Upper

43 100

58 33.7 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

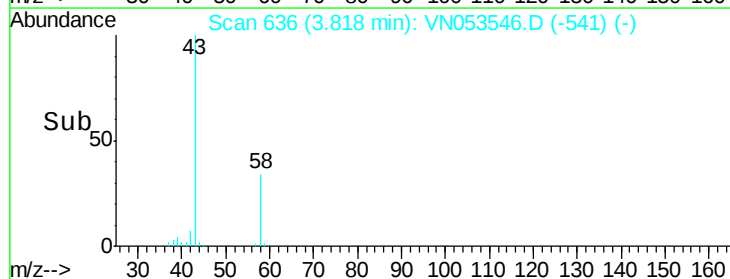
15000

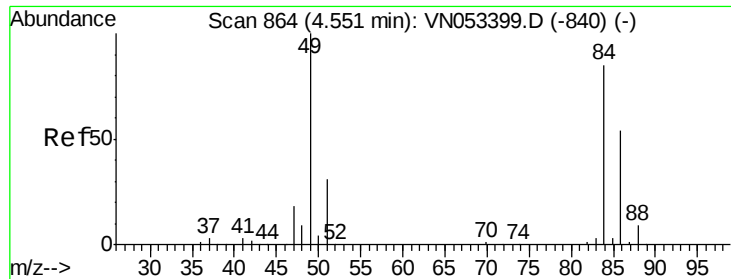
10000

5000

0

Time-->

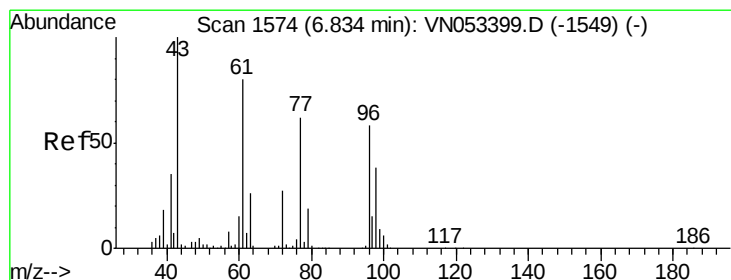
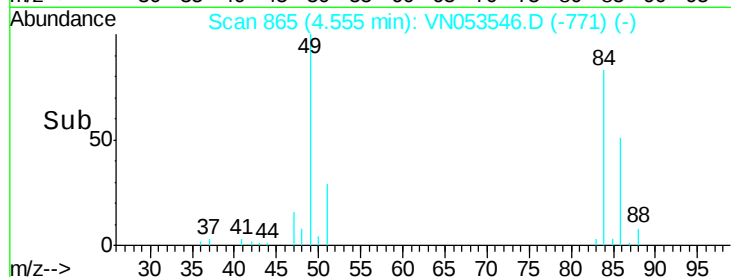
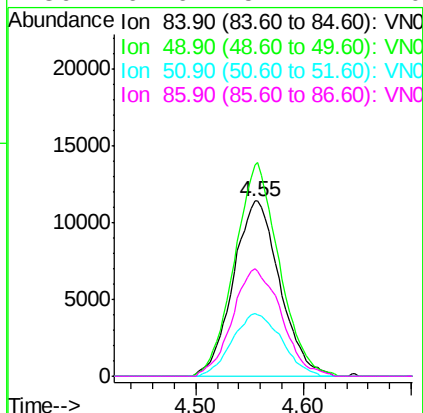
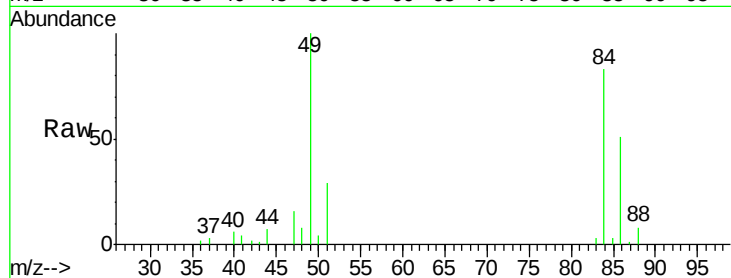




#20
Methvlene Chloride
Concen: 3.545 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053546.D
Acq: 28 Jan 2019 15:28

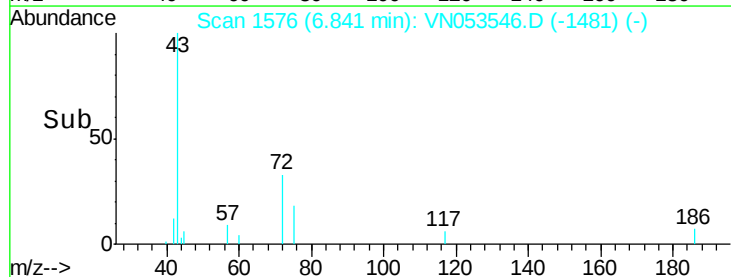
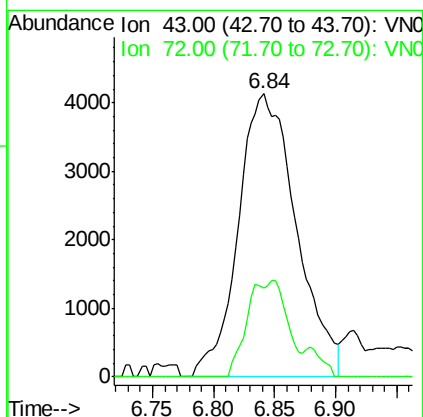
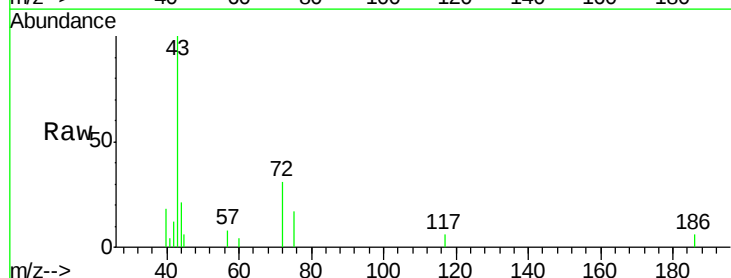
Instrument :
MSVOA_N
ClientSampleId :
PB116640ZHE#02

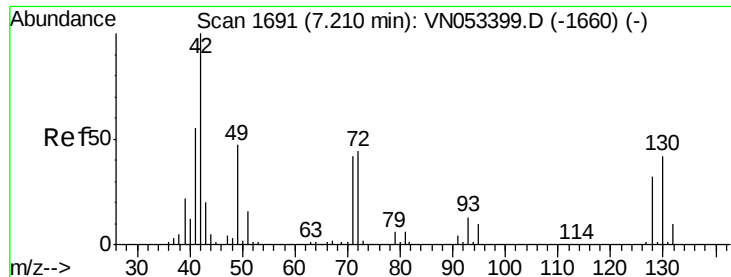
Tot Ion: 84 Resp: 34186
Ion Ratio Lower Upper
84 100
49 120.7 94.3 141.5
51 35.5 29.4 44.2
86 61.6 51.4 77.0



#25
2-Butanone
Concen: 4.192 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053546.D
Acq: 28 Jan 2019 15:28

Tgt Ion: 43 Resp: 13645
Ion Ratio Lower Upper
43 100
72 31.3 22.0 33.0

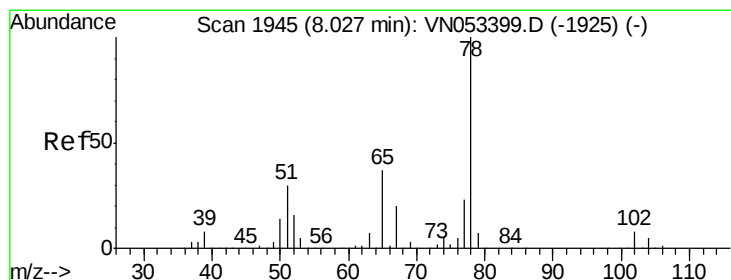
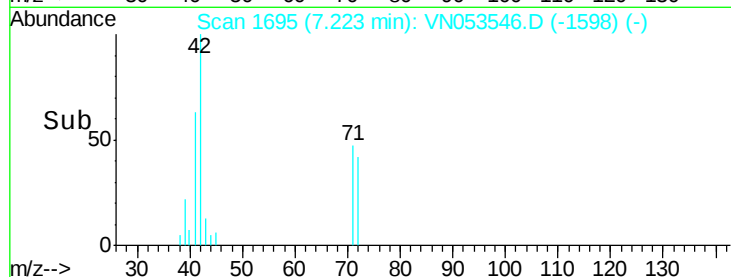
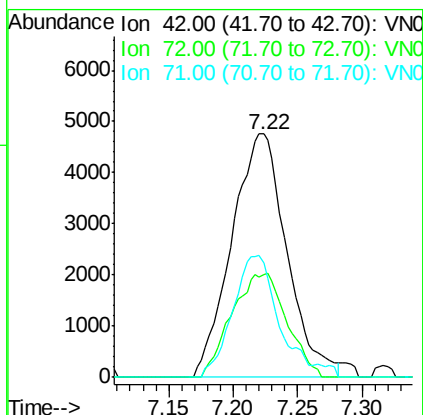
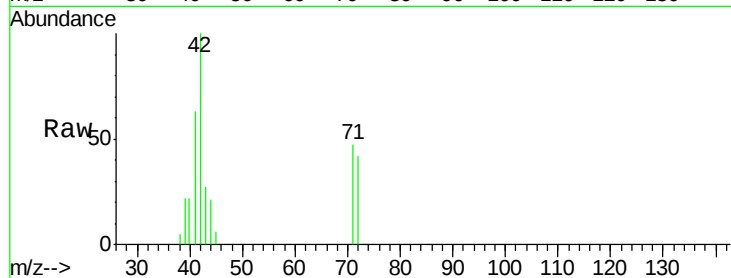




#29
Tetrahydrofuran
Concen: 6.680 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN053546.D
Acq: 28 Jan 2019 15:28

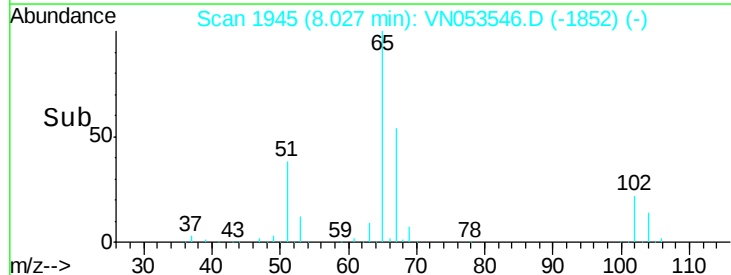
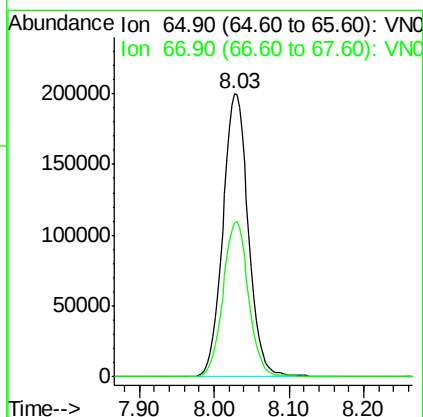
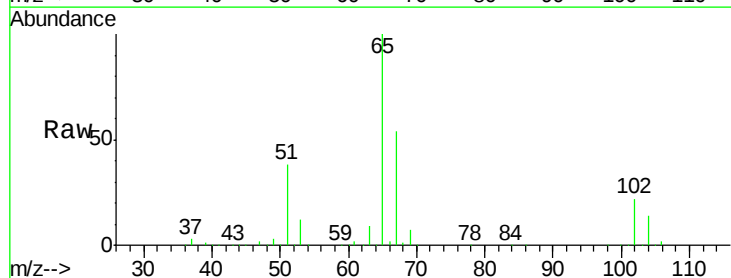
Instrument :
MSVOA_N
ClientSampleId :
PB116640ZHE#02

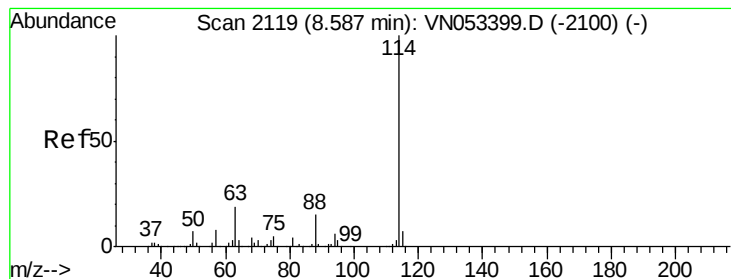
Tot Ion: 42 Resp: 14155
Ion Ratio Lower Upper
42 100
72 42.5 35.2 52.8
71 42.7 33.0 49.4



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053546.D
Acq: 28 Jan 2019 15:28

Tgt Ion: 65 Resp: 470022
Ion Ratio Lower Upper
65 100
67 55.1 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: VN053546.D

Acq: 28 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#02

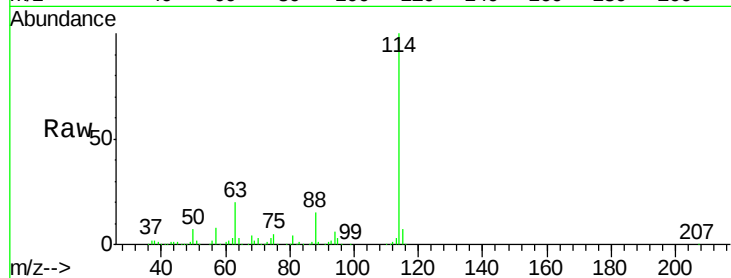
Tot Ion:114 Resp: 1452439

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

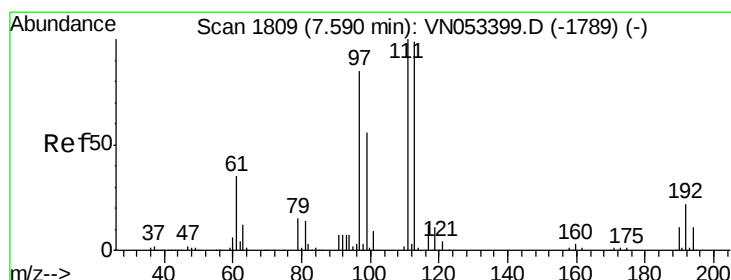
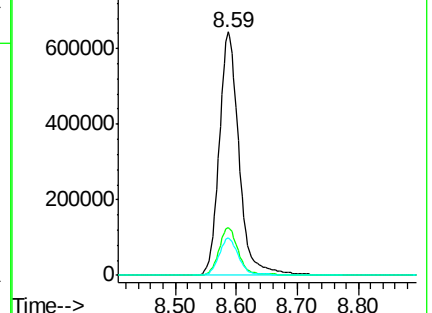
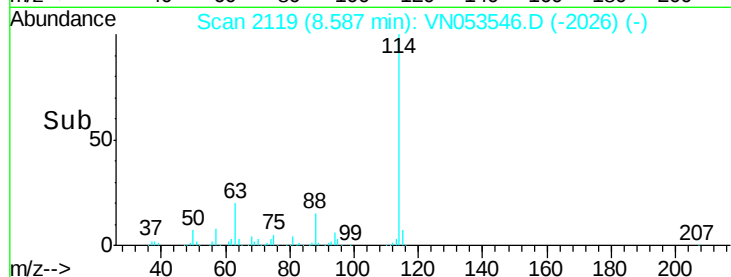
88 15.2 0.0 30.4



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: VN053546.D

Acq: 28 Jan 2019 15:28

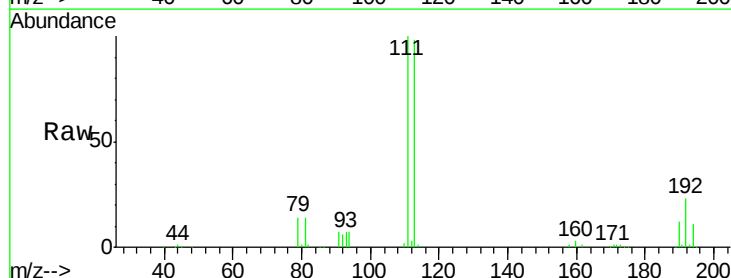
Tgt Ion:113 Resp: 449805

Ion Ratio Lower Upper

113 100

111 103.0 81.1 121.7

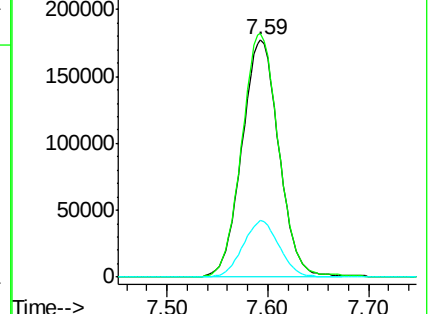
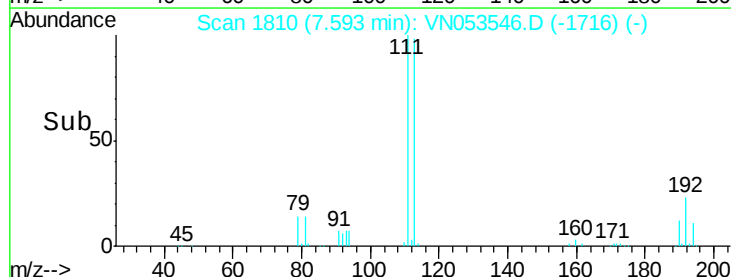
192 23.3 18.2 27.2

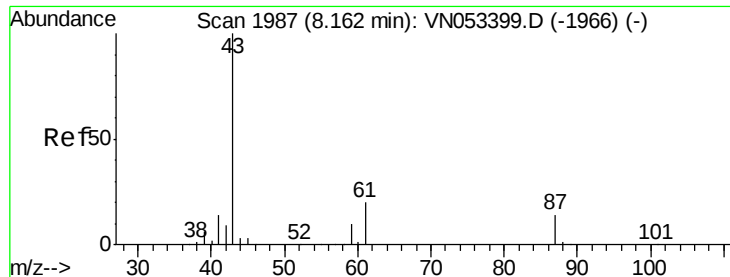


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.155 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053546.D

Acq: 28 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#02

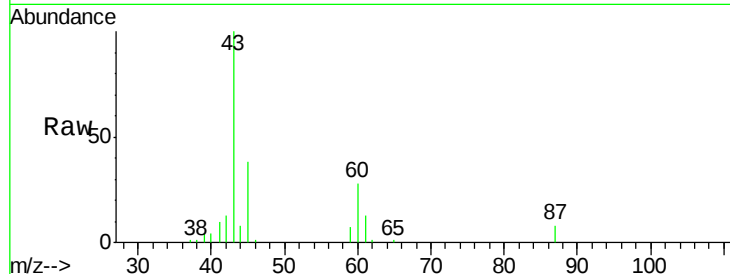
Tot Ion: 43 Resp: 43179

Ion Ratio Lower Upper

43 100

61 18.7 23.9 35.9#

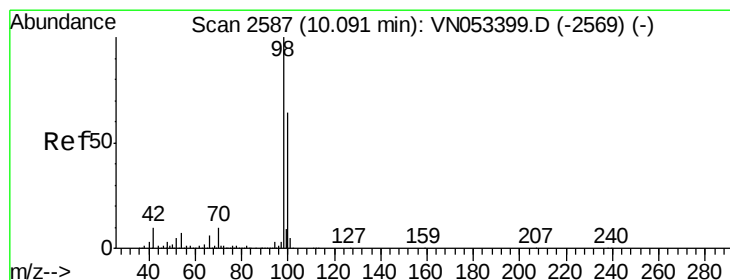
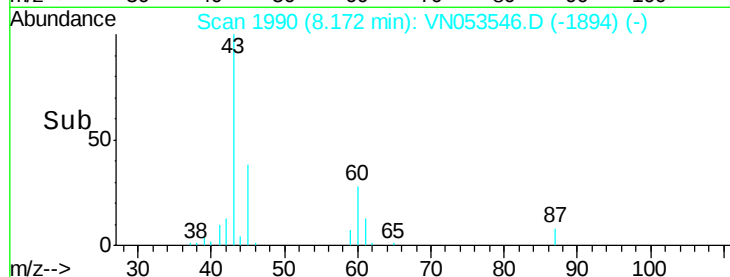
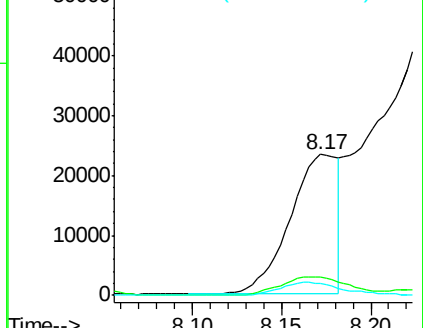
87 12.1 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053546.D

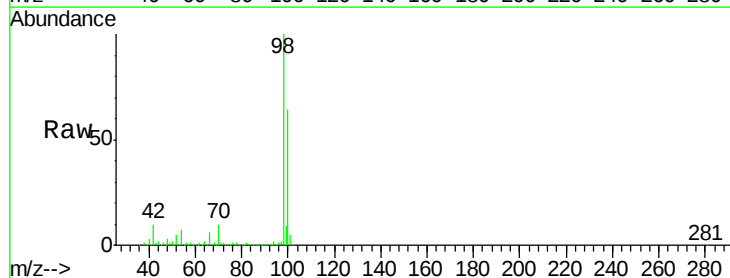
Acq: 28 Jan 2019 15:28

Tgt Ion: 98 Resp: 1761411

Ion Ratio Lower Upper

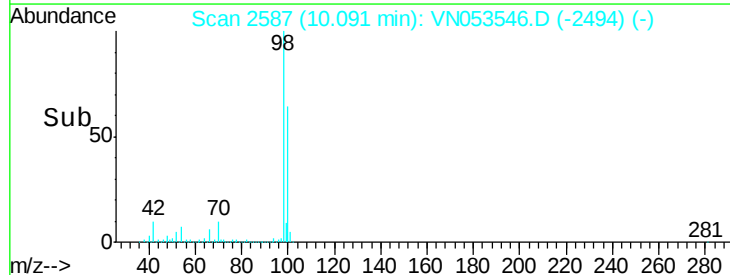
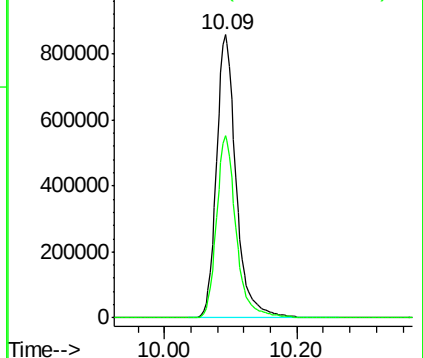
98 100

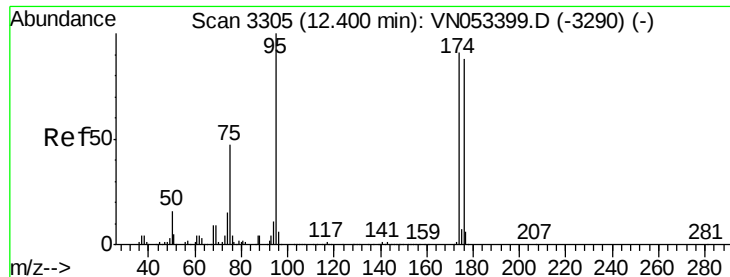
100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053546.D

Acq: 28 Jan 2019 15:28

Instrument :

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ClientSampleId :

PB116640ZHE#02

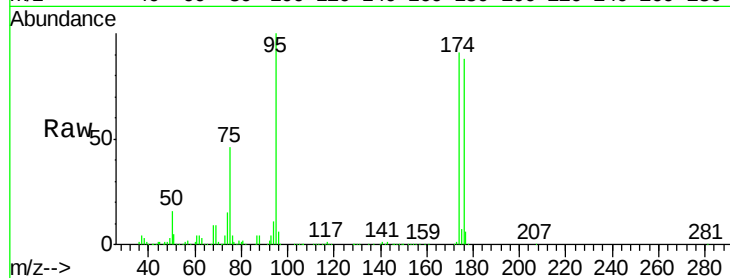
Tot Ion: 95 Resp: 590372

Ion Ratio Lower Upper

95 100

174 91.5 0.0 183.2

176 88.5 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) (-)

12.40

400000

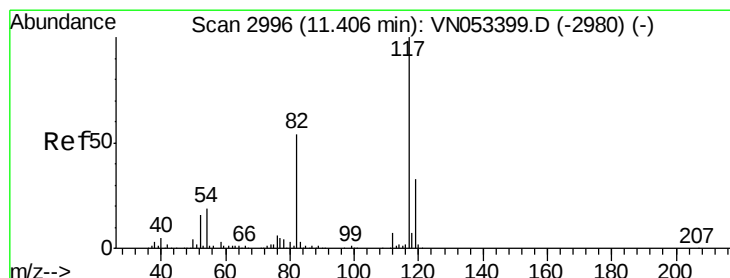
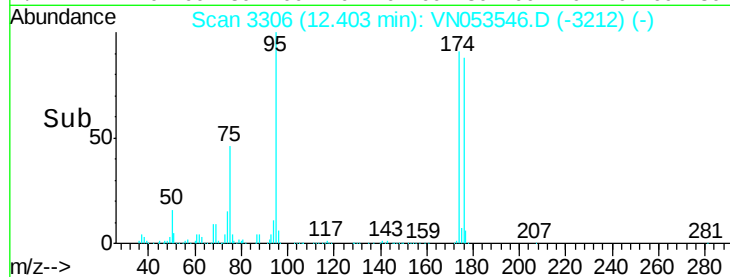
300000

200000

100000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053546.D

Acq: 28 Jan 2019 15:28

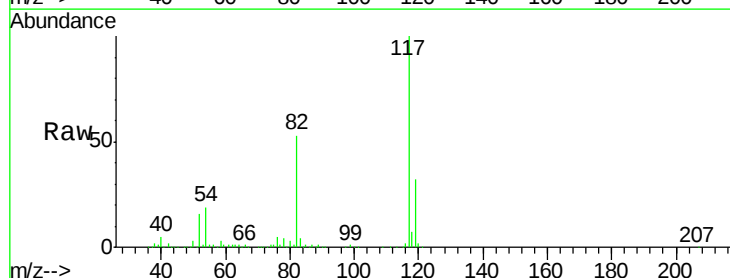
Tgt Ion: 117 Resp: 1314888

Ion Ratio Lower Upper

117 100

82 53.1 42.9 64.3

119 32.3 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) (-)

11.41

800000

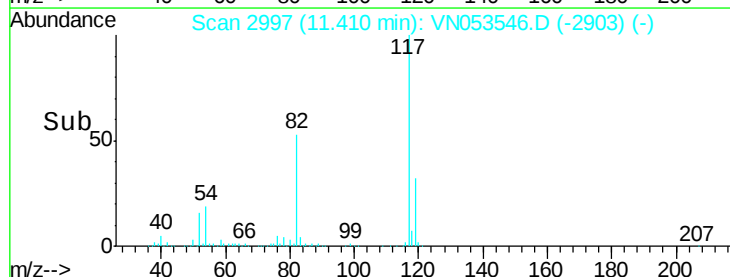
600000

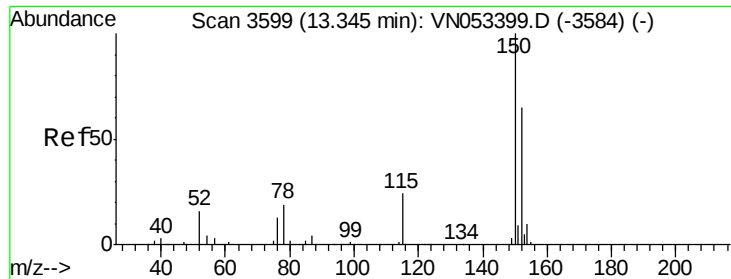
400000

200000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053546.D

Acq: 28 Jan 2019 15:28

Instrument :

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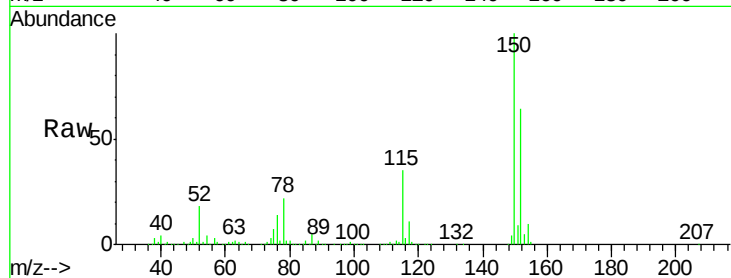
Tot Ion:152 Resp: 574239

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.4

150 156.0 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

