

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012119\
 Data File : VN053505.D
 Acq On : 21 Jan 2019 14:30
 Operator : JC/SP
 Sample : K1013-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-011819-A

Quant Time: Jan 22 04:58:18 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

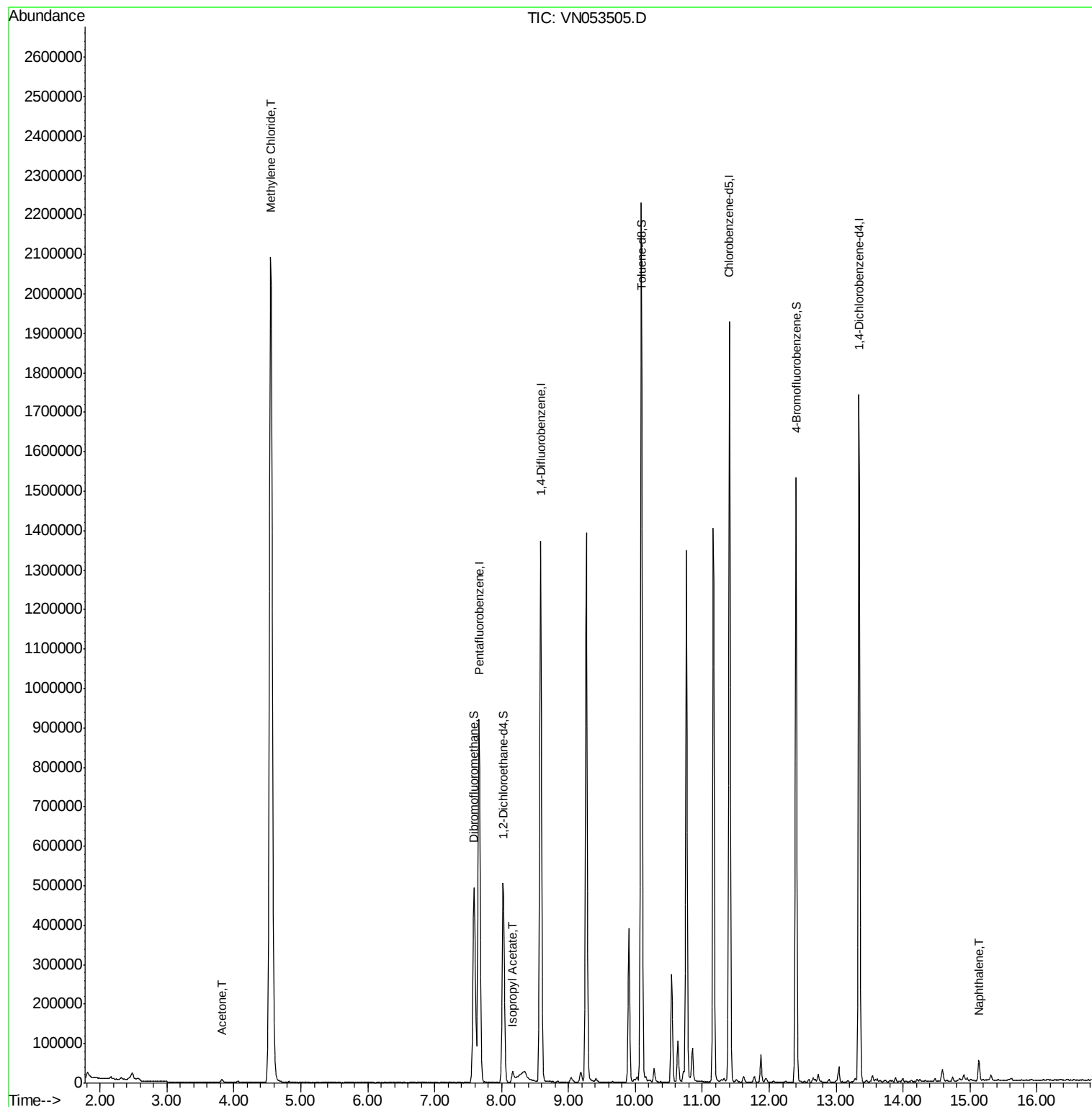
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	830342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1281643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1186315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	502736	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	414409	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
35) Dibromofluoromethane	7.59	113	380854	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
50) Toluene-d8	10.09	98	1601525	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.40	95	524825	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
Target Compounds						
16) Acetone	3.82	43	12794	6.644	ug/l	96
20) Methylene Chloride	4.55	84	1657057	188.492	ug/l	99
43) Isopropyl Acetate	8.17	43	33381	2.765	ug/l #	80
95) Naphthalene	15.13	128	46478	7.462	ug/l	98

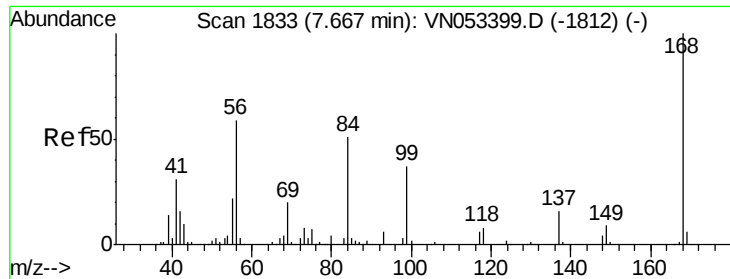
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012119\
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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: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053505.D

Acq: 21 Jan 2019 14:30

Instrument :

MSVOA_N

ClientSampleId :

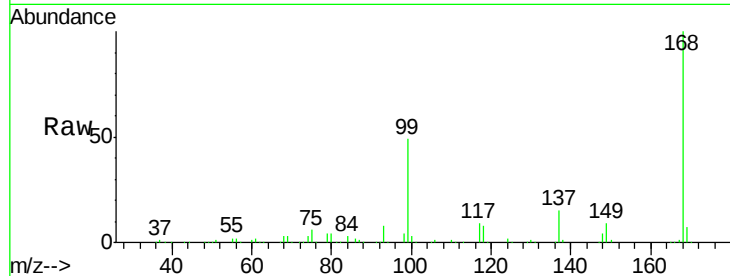
PL-01-011819-A

Tot Ion:168 Resp: 830342

Ion Ratio Lower Upper

168 100

99 48.8 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) (-)

7.66

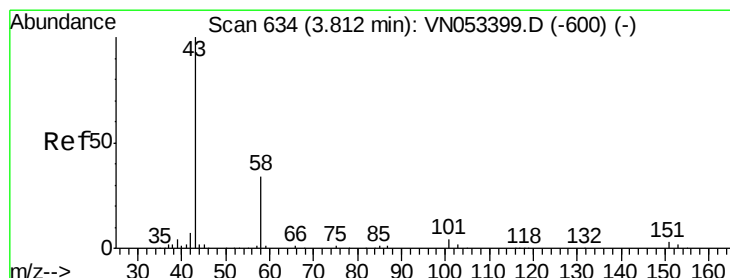
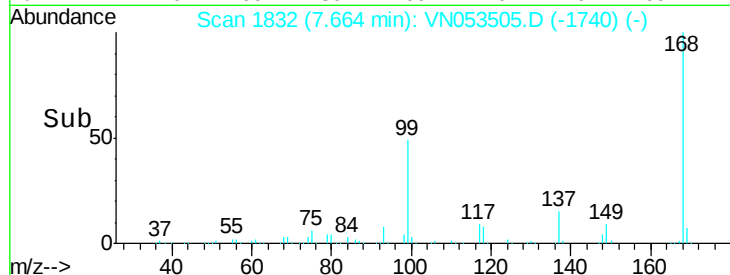
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.644 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053505.D

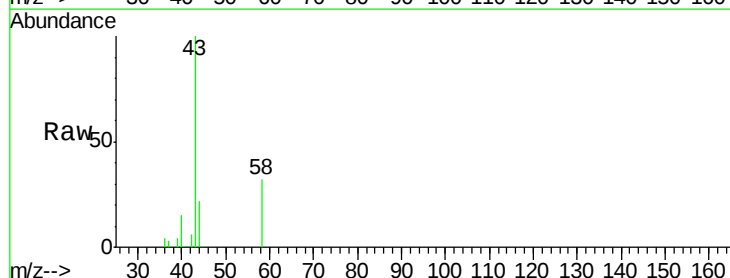
Acq: 21 Jan 2019 14:30

Tgt Ion: 43 Resp: 12794

Ion Ratio Lower Upper

43 100

58 31.9 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

5000

4000

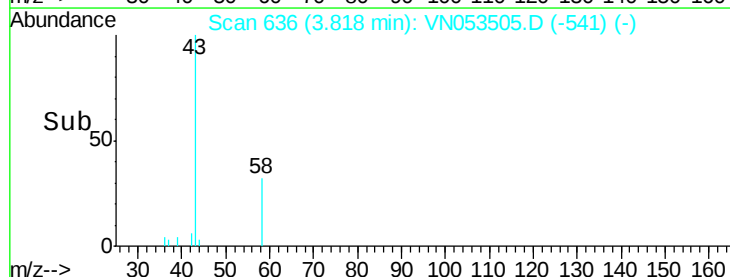
3000

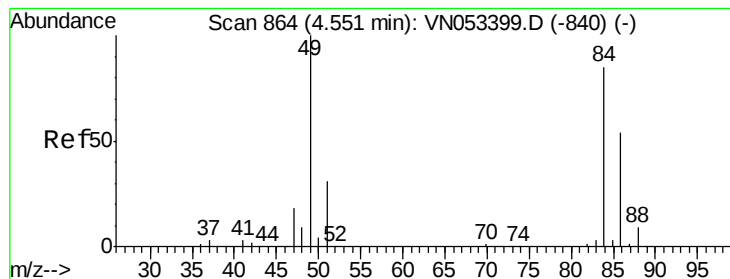
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 188.492 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN053505.D

Acq: 21 Jan 2019 14:30

Instrument :

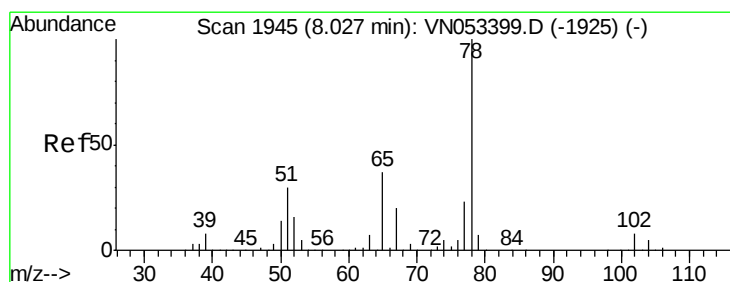
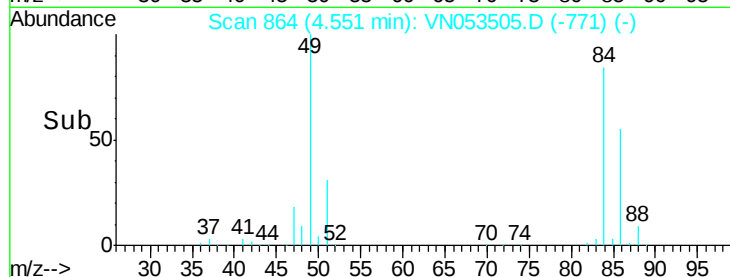
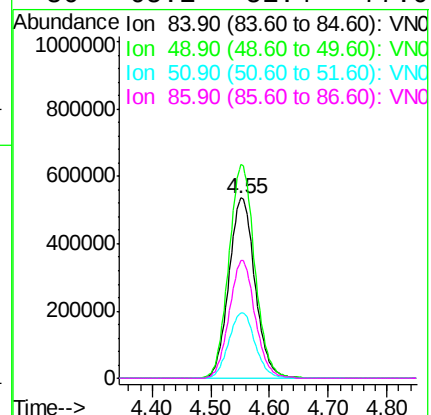
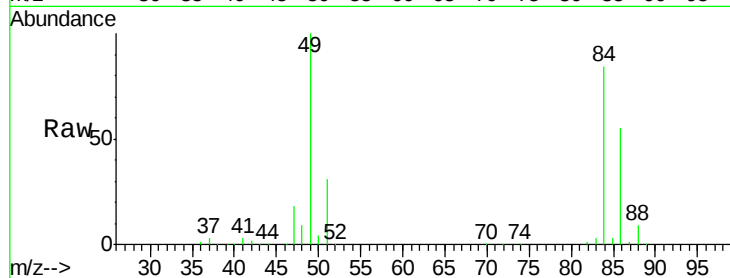
MSVOA_N

ClientSampleId :

PL-01-011819-A

Tot Ion: 84 Resp: 1657057

Ion	Ratio	Lower	Upper
84	100		
49	118.4	94.3	141.5
51	36.4	29.4	44.2
86	65.1	51.4	77.0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.02 min Scan# 1944

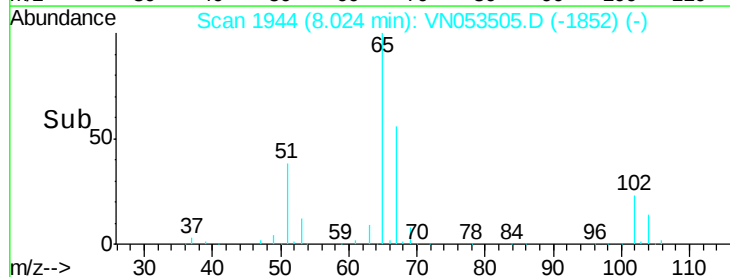
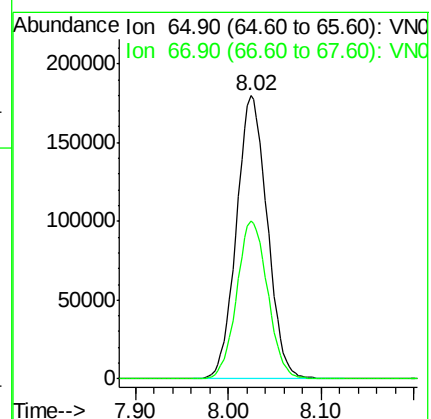
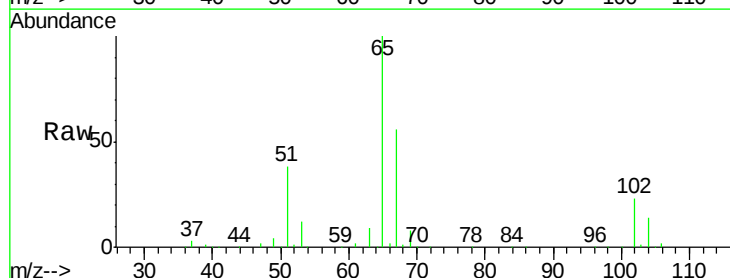
Delta R.T. -0.00 min

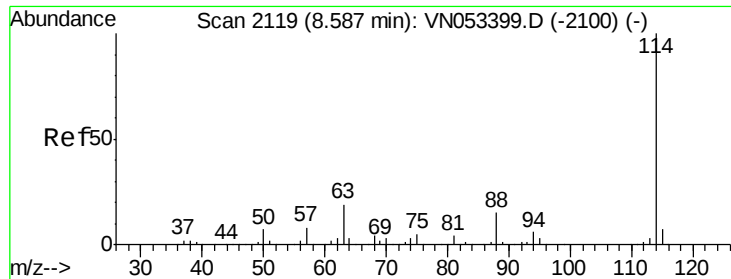
Lab File: VN053505.D

Acq: 21 Jan 2019 14:30

Tgt Ion: 65 Resp: 414409

Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	111.2

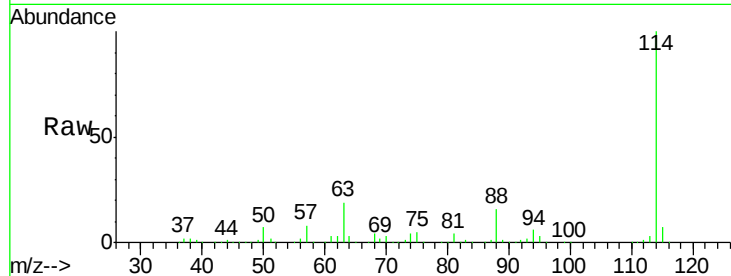




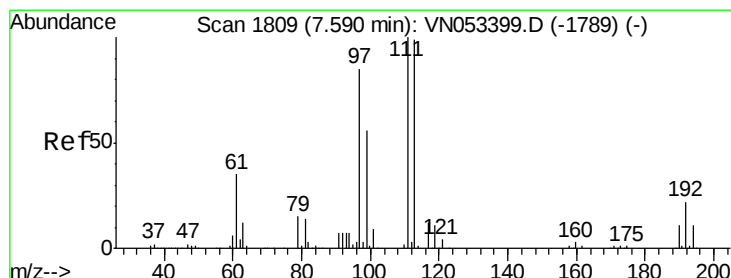
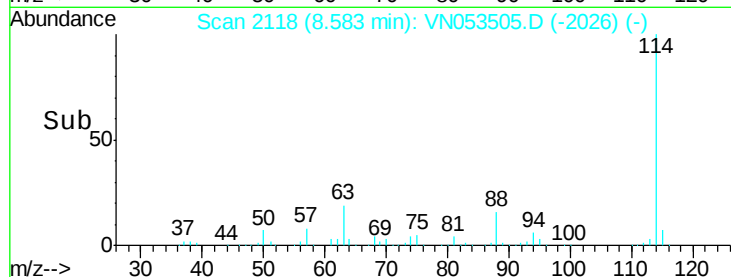
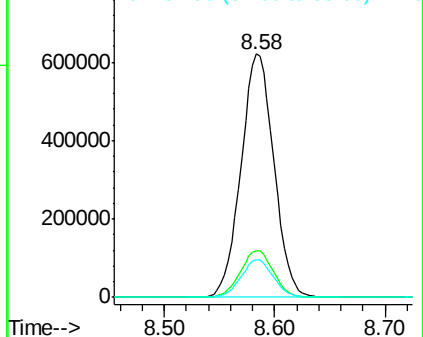
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053505.D
 Acq: 21 Jan 2019 14:30

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-011819-A

Tot Ion:114 Resp: 1281643
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.5 0.0 30.4

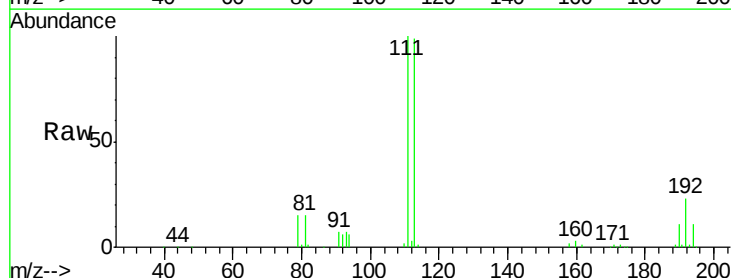


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

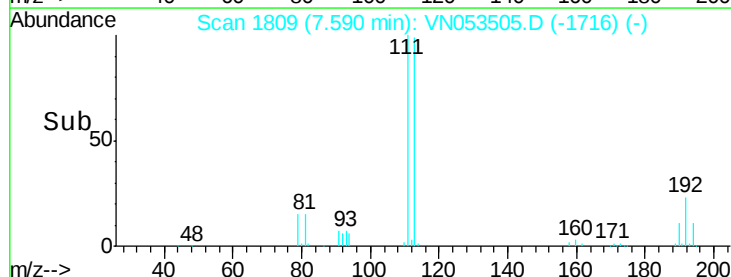
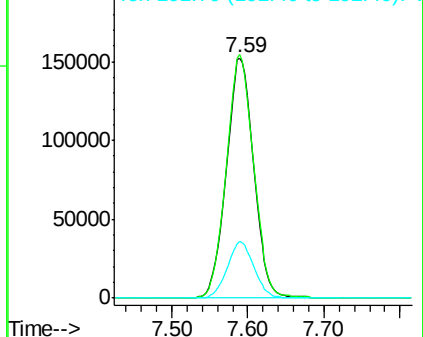


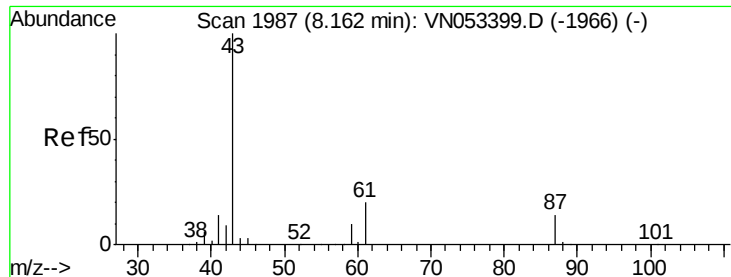
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053505.D
 Acq: 21 Jan 2019 14:30

Tgt Ion:113 Resp: 380854
 Ion Ratio Lower Upper
 113 100
 111 101.4 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: 2.765 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053505.D

Acq: 21 Jan 2019 14:30

Instrument :

MSVOA_N

ClientSampleId :

PL-01-011819-A

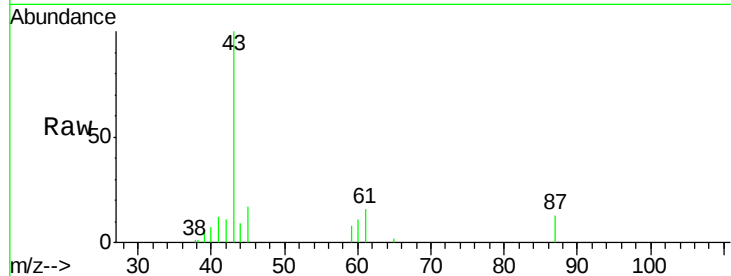
Tot Ion: 43 Resp: 33381

Ion Ratio Lower Upper

43 100

61 16.0 23.9 35.9#

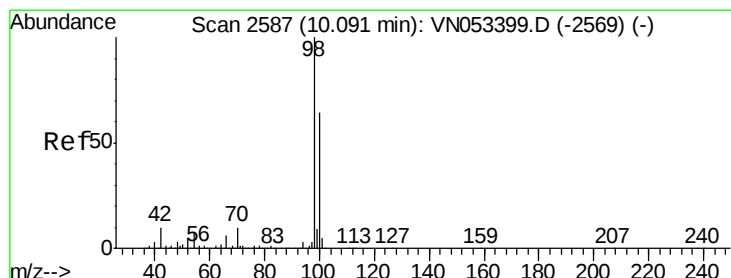
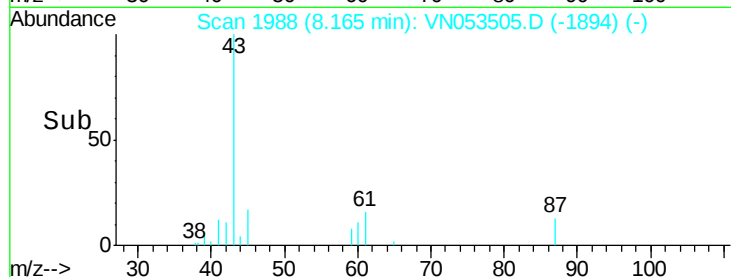
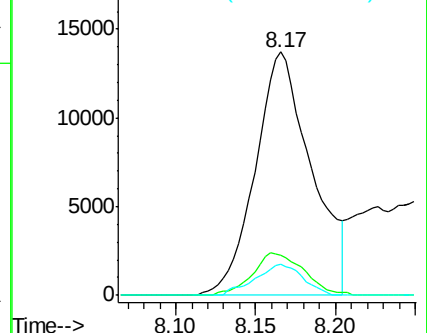
87 10.7 11.0 16.6#



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# 2586

Delta R.T. -0.00 min

Lab File: VN053505.D

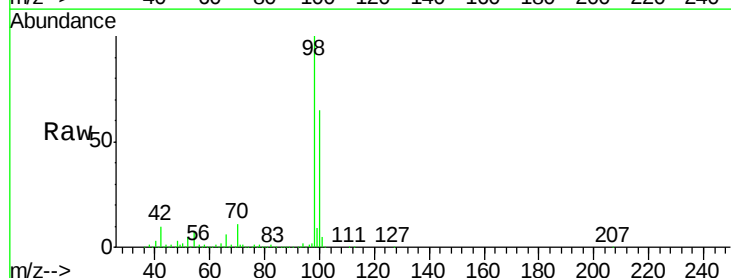
Acq: 21 Jan 2019 14:30

Tgt Ion: 98 Resp: 1601525

Ion Ratio Lower Upper

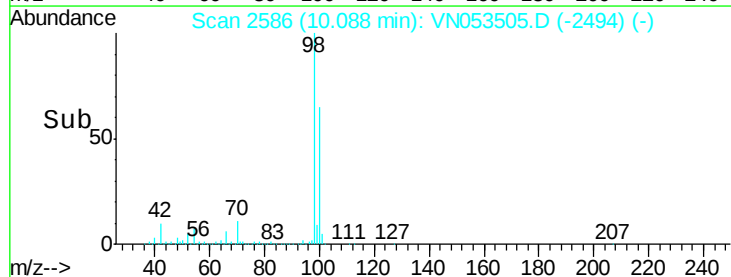
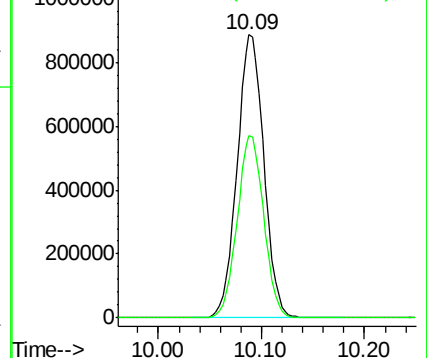
98 100

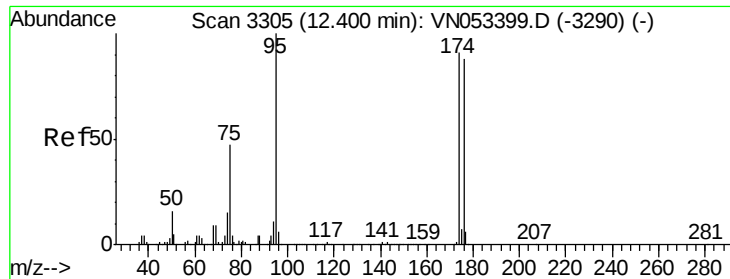
100 63.9 51.4 77.0



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# 3305

Delta R.T. -0.00 min

Lab File: VN053505.D

Acq: 21 Jan 2019 14:30

Instrument :

MSVOA_N

ClientSampleId :

PL-01-011819-A

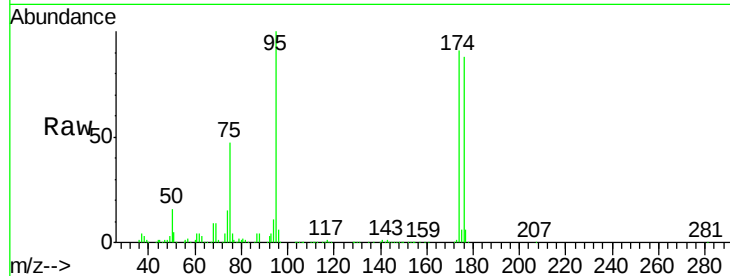
Tot Ion: 95 Resp: 524825

Ion Ratio Lower Upper

95 100

174 91.8 0.0 183.2

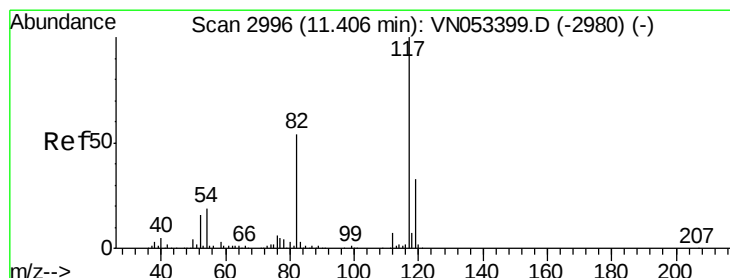
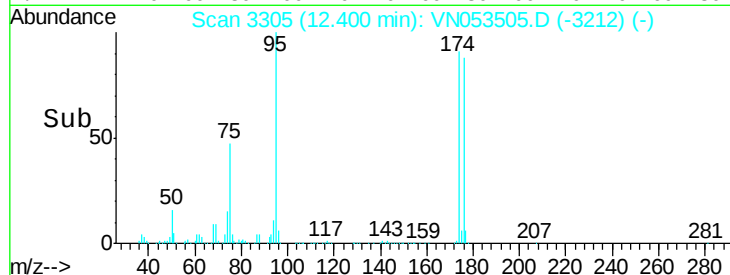
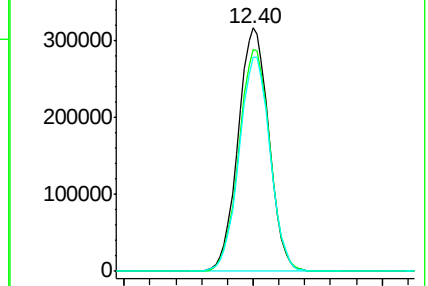
176 88.6 0.0 177.4



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# 2996

Delta R.T. -0.00 min

Lab File: VN053505.D

Acq: 21 Jan 2019 14:30

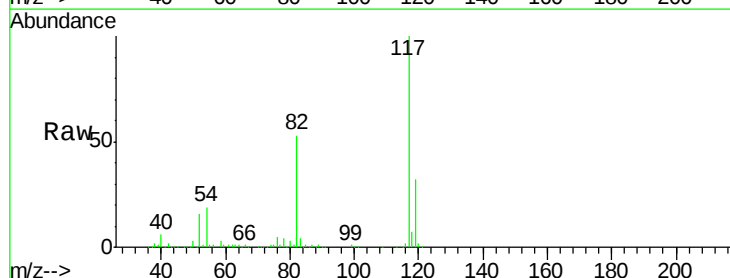
Tgt Ion: 117 Resp: 1186315

Ion Ratio Lower Upper

117 100

82 53.3 42.9 64.3

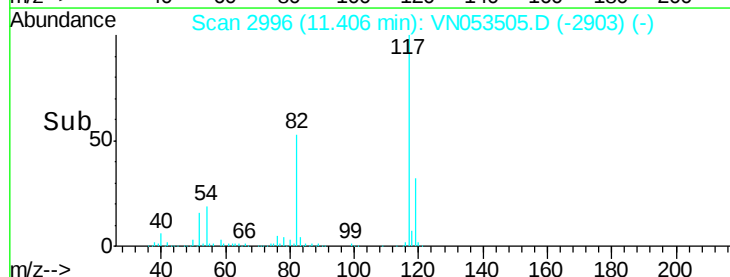
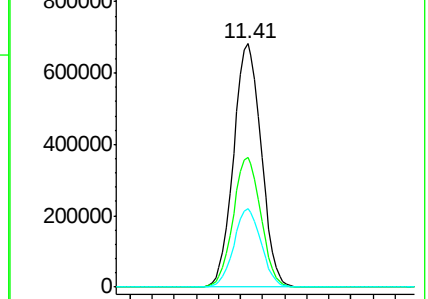
119 32.0 26.0 39.0

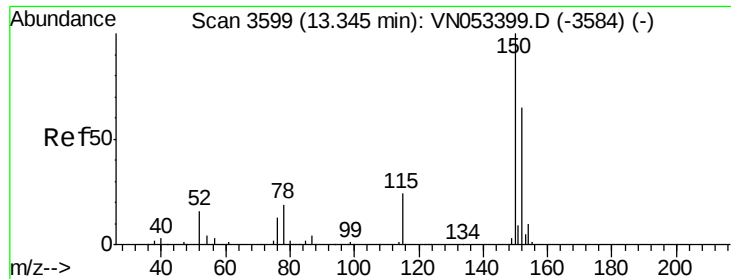


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053505.D

Acq: 21 Jan 2019 14:30

Instrument :

MSVOA_N

ClientSampleId :

PL-01-011819-A

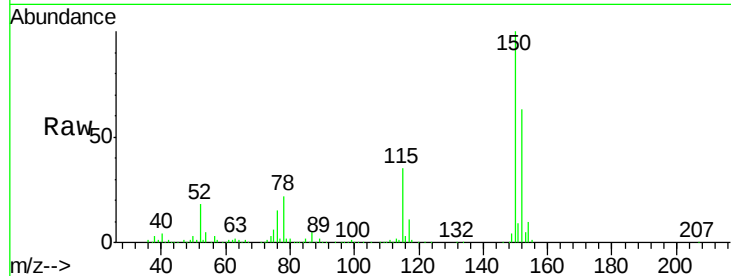
Tot Ion:152 Resp: 502736

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.4

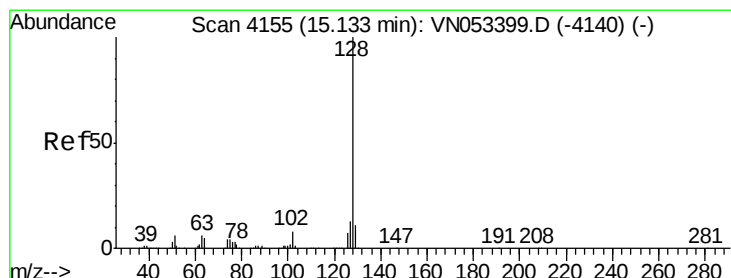
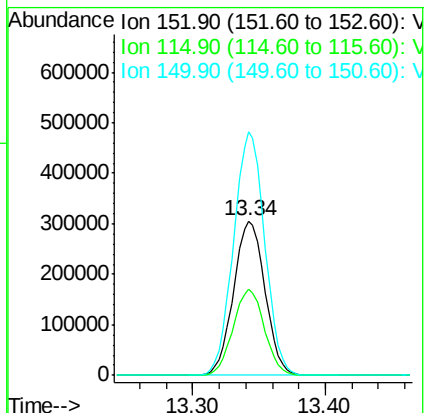
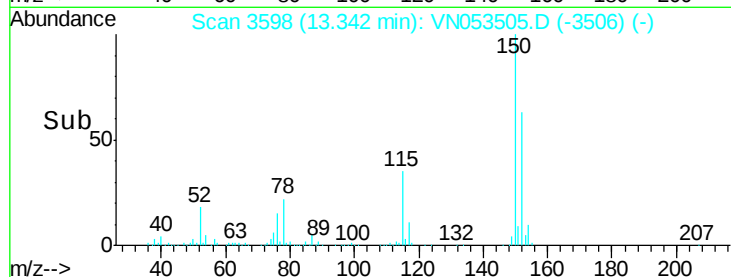
150 156.1 0.0 349.0



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



#95

Naphthalene

Concen: 7.462 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053505.D

Acq: 21 Jan 2019 14:30

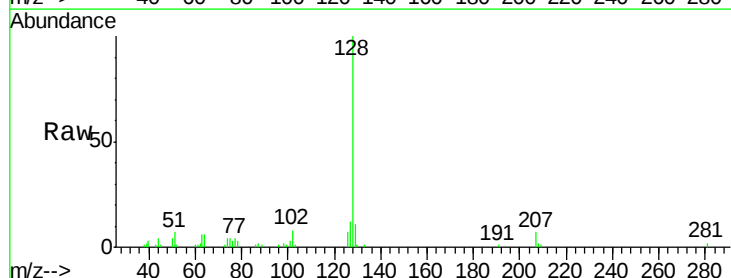
Tgt Ion:128 Resp: 46478

Ion Ratio Lower Upper

128 100

127 11.8 10.3 15.5

129 11.6 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

