

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
 Data File : VN054185.D
 Acq On : 13 Mar 2019 1:43
 Operator : JC/SP
 Sample : K1849-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 H1308-CON

Quant Time: Mar 13 08:32:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

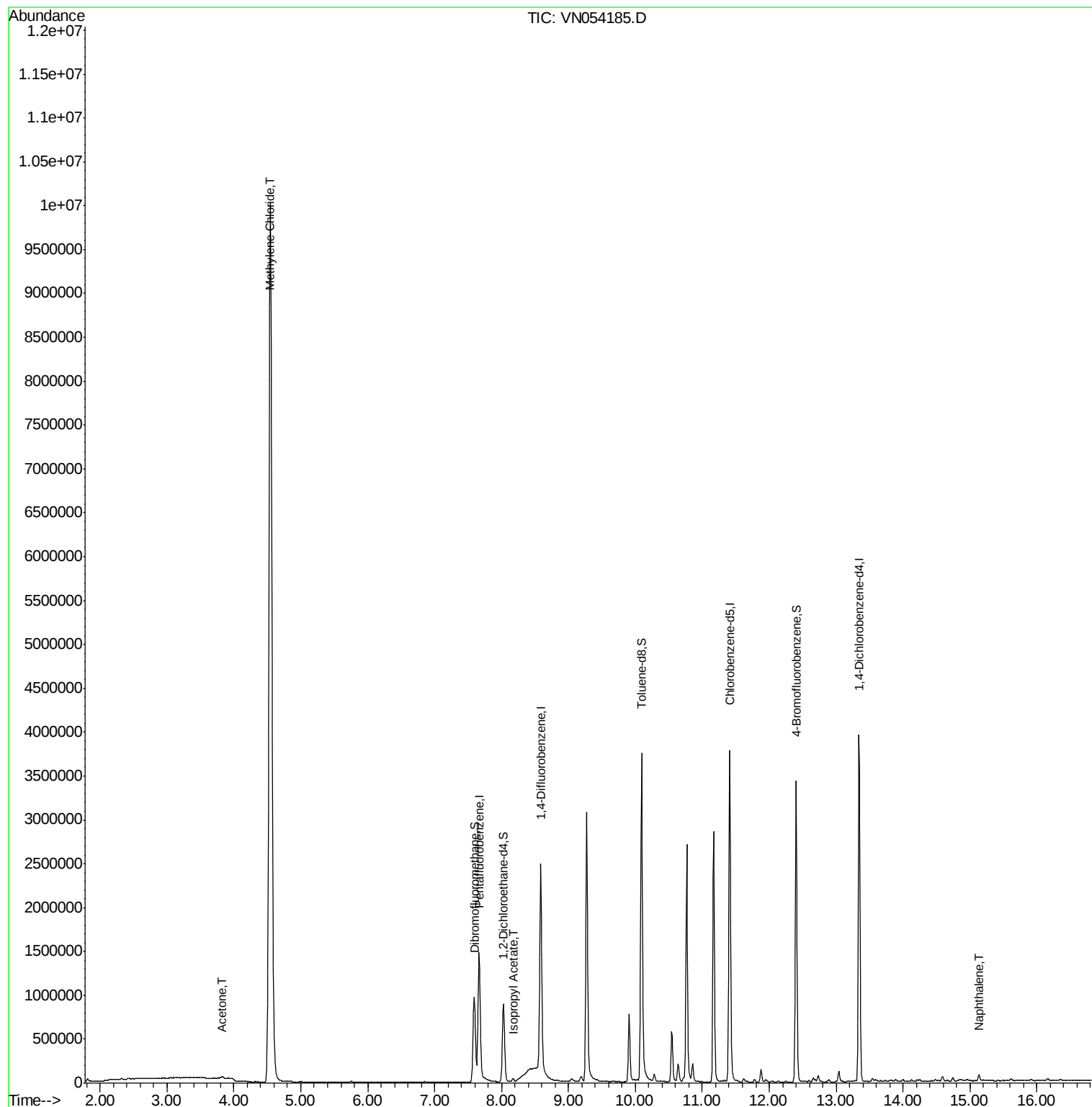
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1399981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2393077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2532397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1172083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	783992	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
35) Dibromofluoromethane	7.59	113	745899	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
50) Toluene-d8	10.09	98	2980102	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
62) 4-Bromofluorobenzene	12.40	95	1178745	59.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.20%	
Target Compounds						
16) Acetone	3.82	43	37804	8.880	ug/l	92
20) Methylene Chloride	4.54	84	8122214	581.069	ug/l	99
43) Isopropyl Acetate	8.17	43	48271	2.172	ug/l	98
95) Naphthalene	15.13	128	67767	4.696	ug/l	99

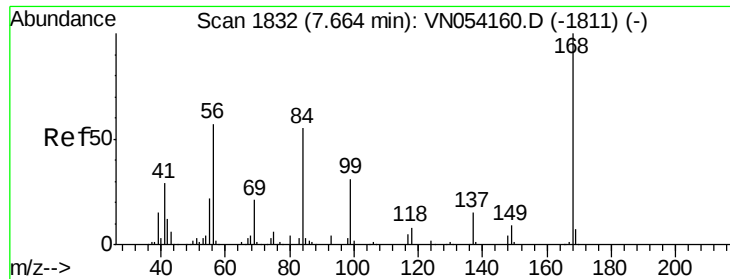
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 13 03:33:31 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: VN054185.D

Acq: 13 Mar 2019 1:43

Instrument :

MSVOA_N

ClientSampleId :

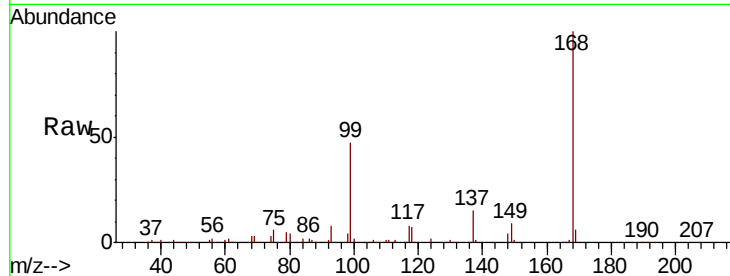
H1308-CON

Tgt Ion:168 Resp: 1399981

Ion Ratio Lower Upper

168 100

99 46.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054185.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN054185.D (-1739) (-)

7.67

600000

500000

400000

300000

200000

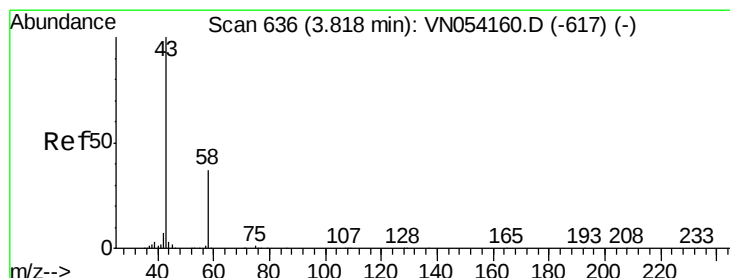
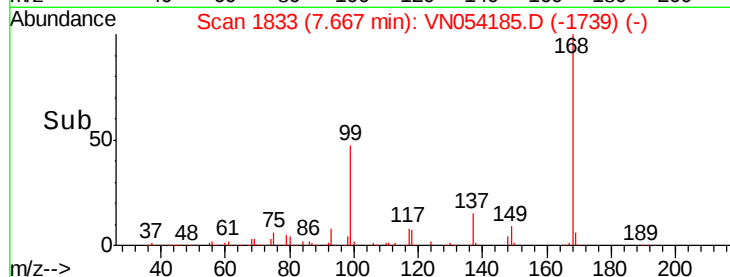
100000

0

7.60

7.70

Time-->



#16

Acetone

Concen: 8.880 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN054185.D

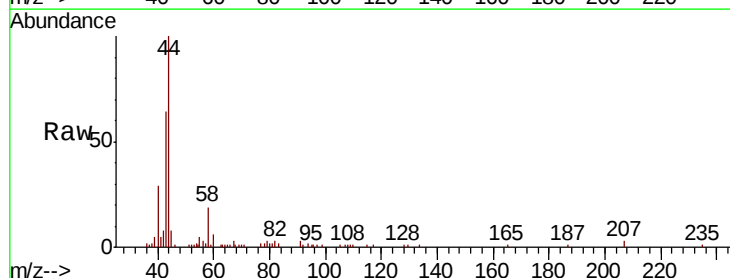
Acq: 13 Mar 2019 1:43

Tgt Ion: 43 Resp: 37804

Ion Ratio Lower Upper

43 100

58 32.7 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054185.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN054185.D (-543) (-)

3.82

15000

10000

5000

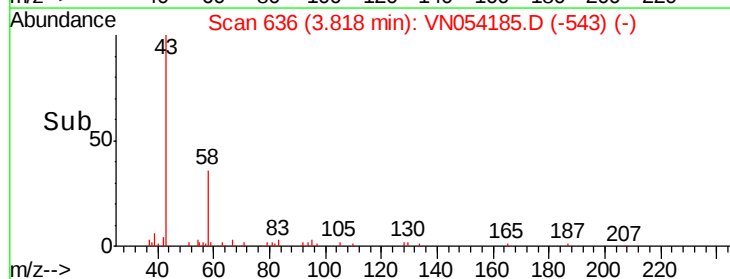
0

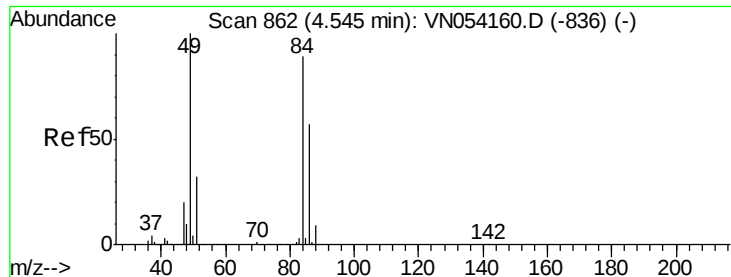
3.70

3.80

3.90

Time-->





#20

Methylene Chloride

Concen: 581.069 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN054185.D

Acq: 13 Mar 2019 1:43

Instrument :

MSVOA_N

ClientSampleId :

H1308-CON

Tgt Ion: 84 Resp: 8122214

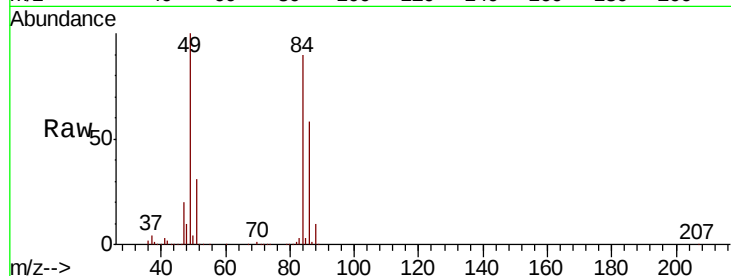
Ion	Ratio	Lower	Upper
84	100		
49	110.8	89.7	134.5
51	34.0	28.2	42.4
86	63.9	50.8	76.2

84 100

49 110.8 89.7 134.5

51 34.0 28.2 42.4

86 63.9 50.8 76.2



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

4.54

3000000

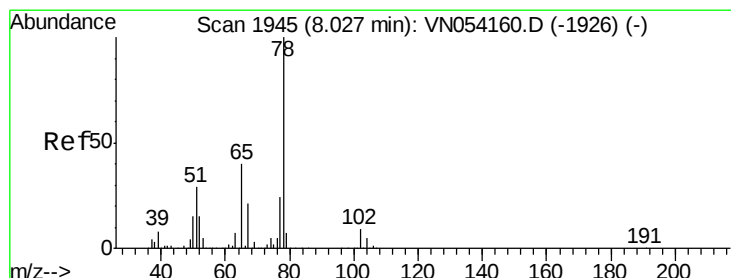
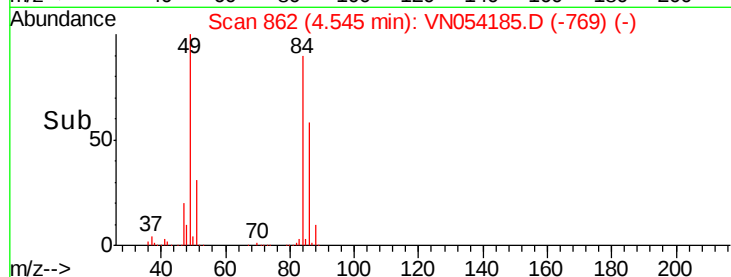
2000000

1000000

0

Time-->

4.40 4.60 4.80



#33

1,2-Dichloroethane-d4

Concen: 52.731 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054185.D

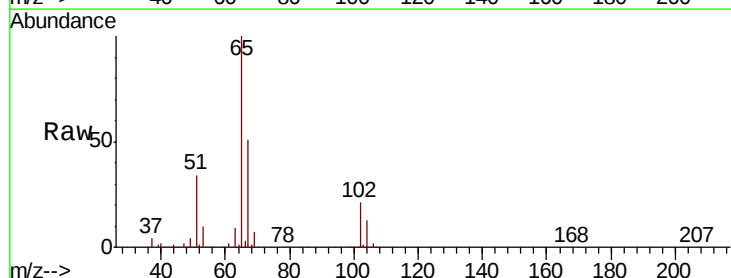
Acq: 13 Mar 2019 1:43

Tgt Ion: 65 Resp: 783992

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.6

65 100

67 51.5 0.0 104.6



Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

300000

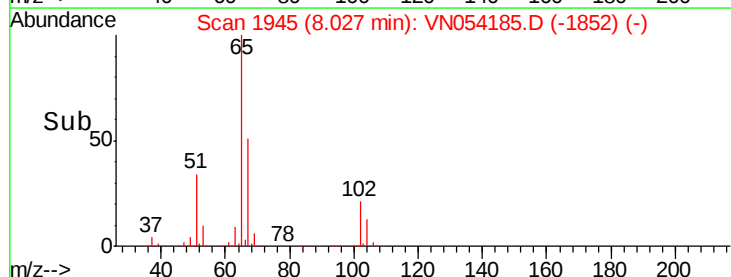
200000

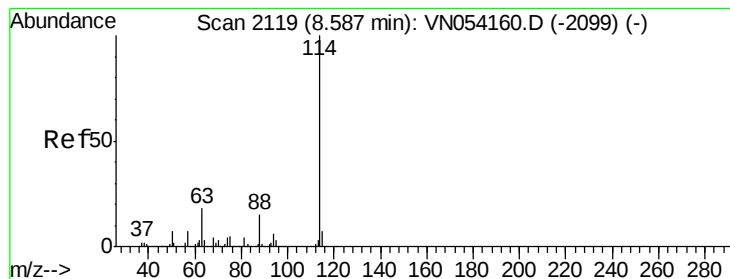
100000

0

Time-->

7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054185.D

Acq: 13 Mar 2019 1:43

Instrument :

MSVOA_N

ClientSampled :

H1308-CON

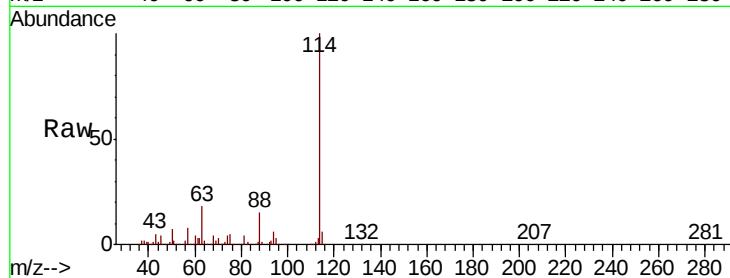
Tgt Ion:114 Resp: 2393077

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.2

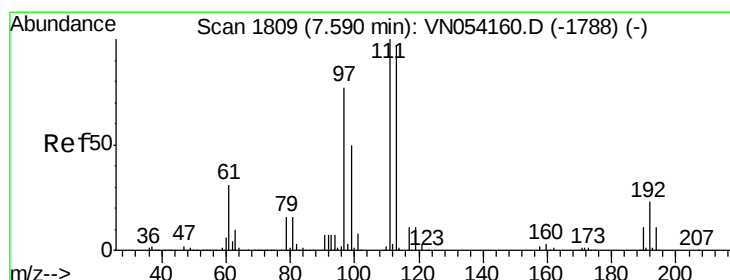
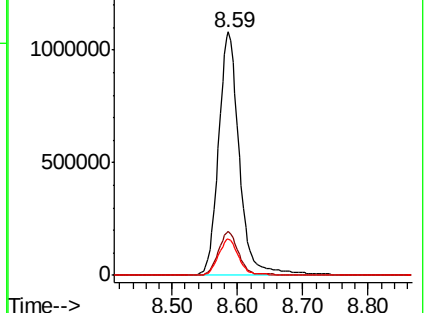
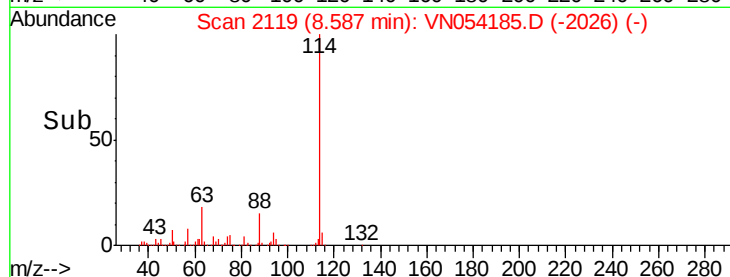
88 15.1 0.0 30.2



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: 48.327 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054185.D

Acq: 13 Mar 2019 1:43

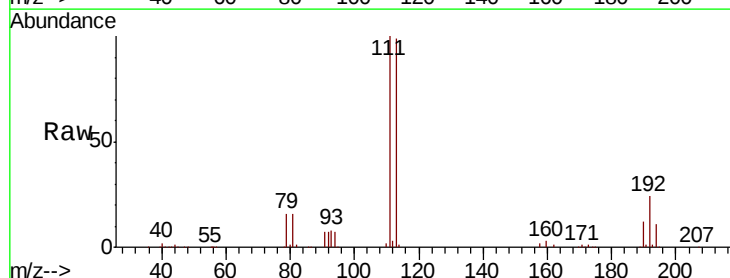
Tgt Ion:113 Resp: 745899

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

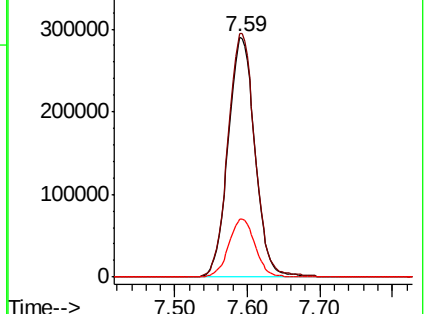
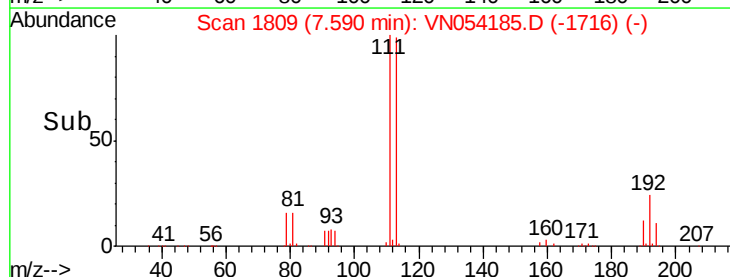
192 23.9 19.2 28.8

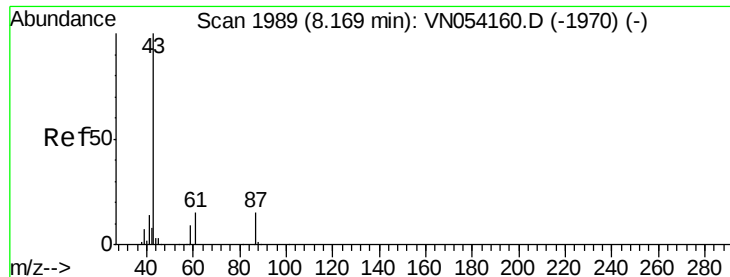


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.172 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054185.D

Acq: 13 Mar 2019 1:43

Instrument :

MSVOA_N

ClientSampleId :

H1308-CON

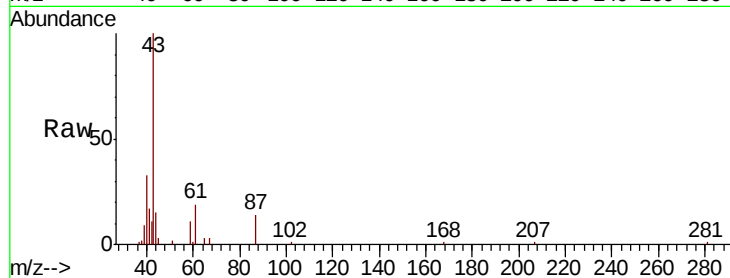
Tgt Ion: 43 Resp: 48271

Ion Ratio Lower Upper

43 100

61 21.5 15.8 23.8

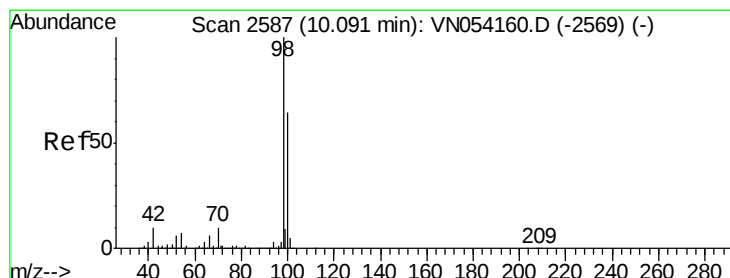
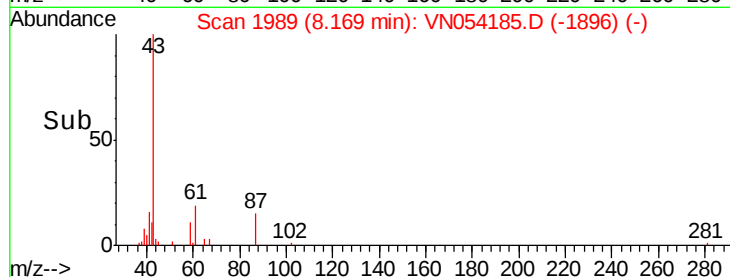
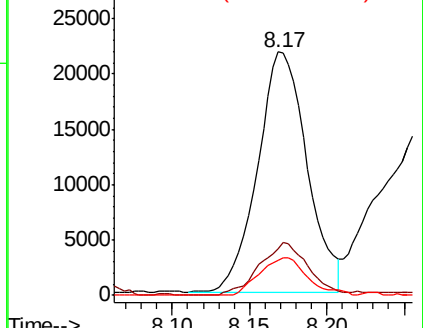
87 15.2 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN054160.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN054160.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN054160.D (-1970) (-)



#50

Toluene-d8

Concen: 52.281 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054185.D

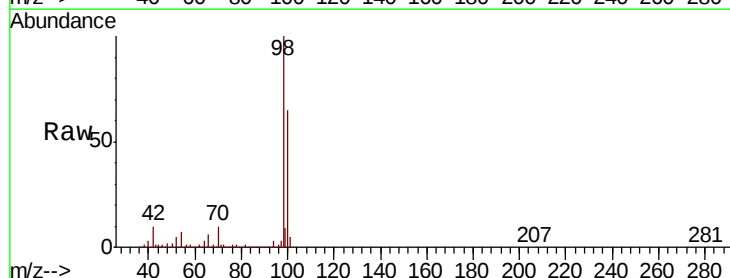
Acq: 13 Mar 2019 1:43

Tgt Ion: 98 Resp: 2980102

Ion Ratio Lower Upper

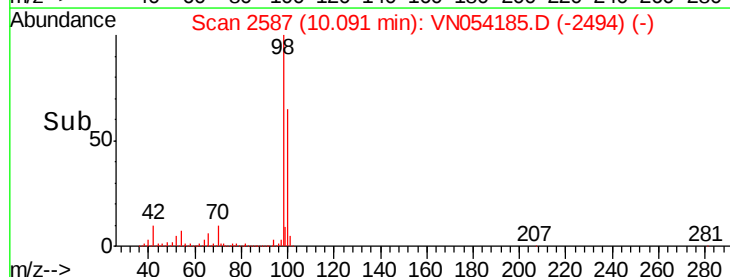
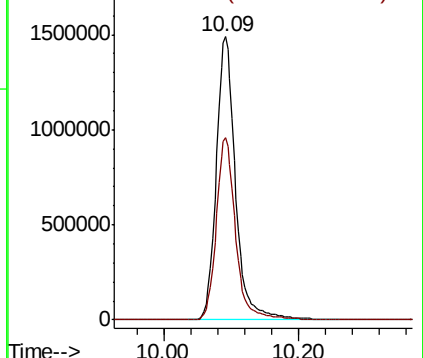
98 100

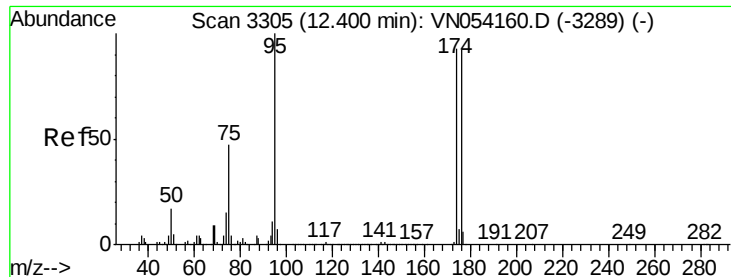
100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054160.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054160.D (-2569) (-)

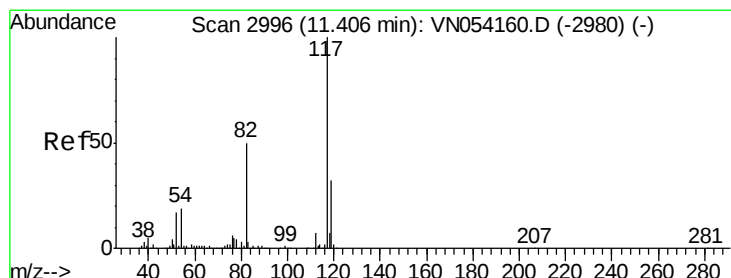
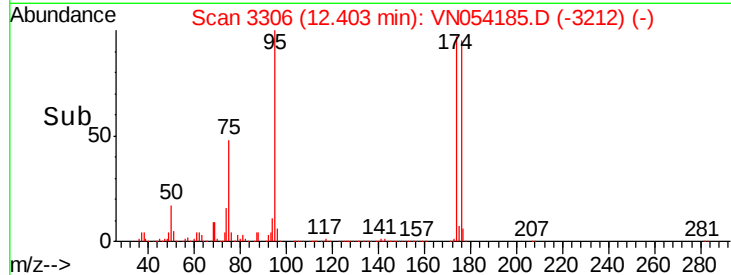
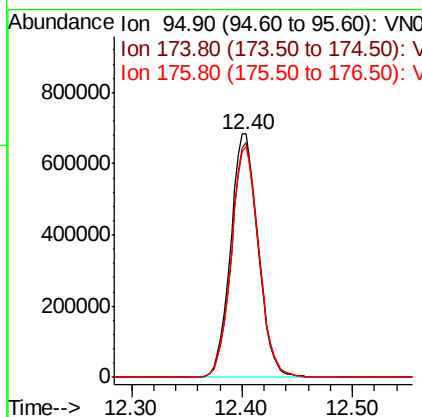
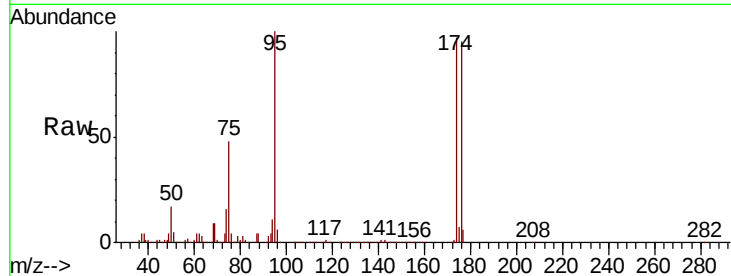




#62
4-Bromofluorobenzene
Concen: 59.100 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054185.D
Acq: 13 Mar 2019 1:43

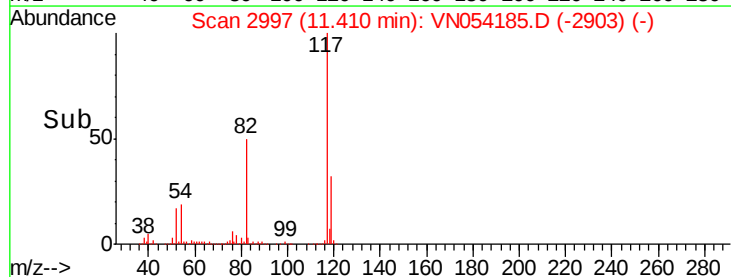
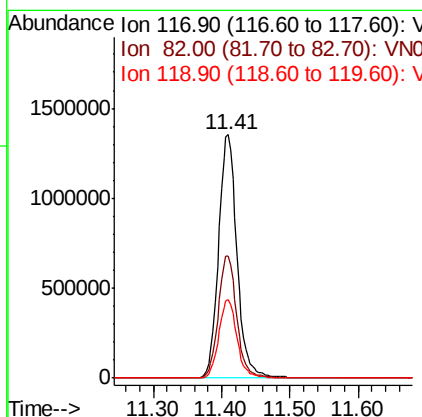
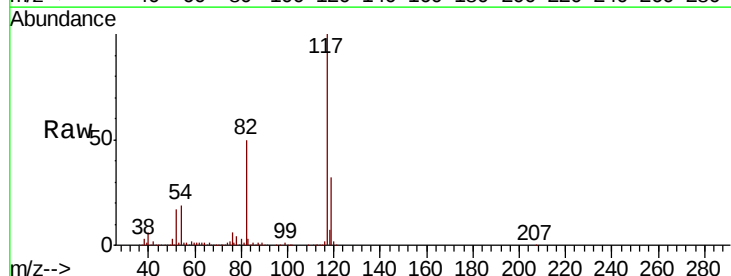
Instrument :
MSVOA_N
ClientSampleId :
H1308-CON

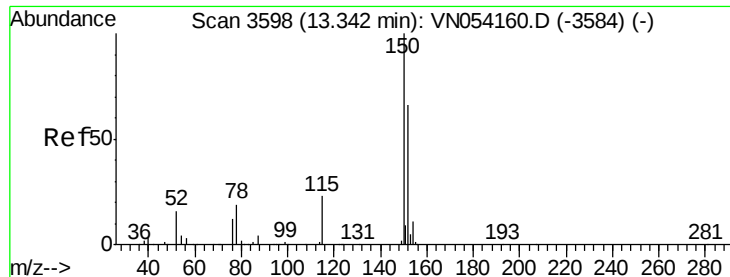
Tgt Ion: 95 Resp: 1178745
Ion Ratio Lower Upper
95 100
174 96.2 0.0 191.0
176 94.3 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054185.D
Acq: 13 Mar 2019 1:43

Tgt Ion: 117 Resp: 2532397
Ion Ratio Lower Upper
117 100
82 50.3 40.0 60.0
119 32.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054185.D

Acq: 13 Mar 2019 1:43

Instrument :

MSVOA_N

ClientSampleId :

H1308-CON

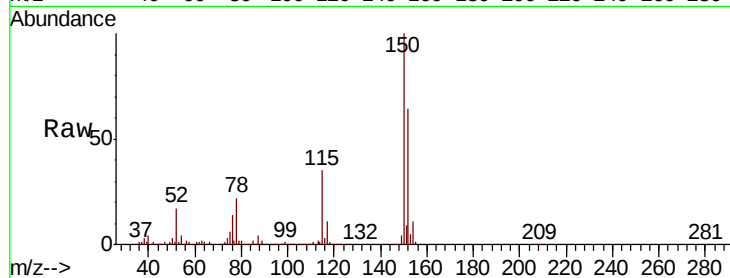
Tgt Ion:152 Resp: 1172083

Ion Ratio Lower Upper

152 100

115 55.1 27.2 81.6

150 156.1 0.0 349.2

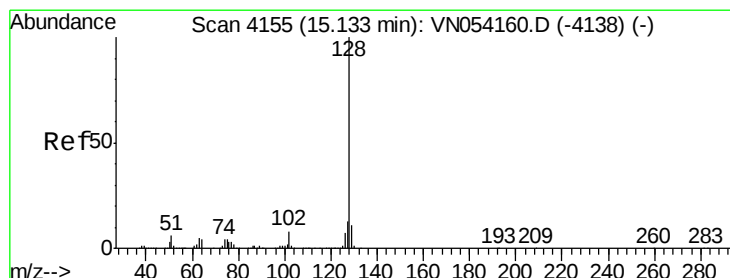
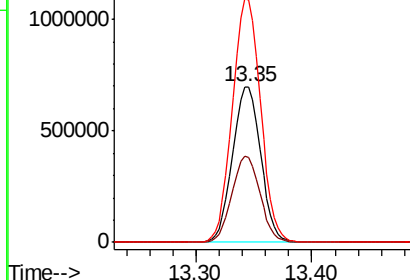
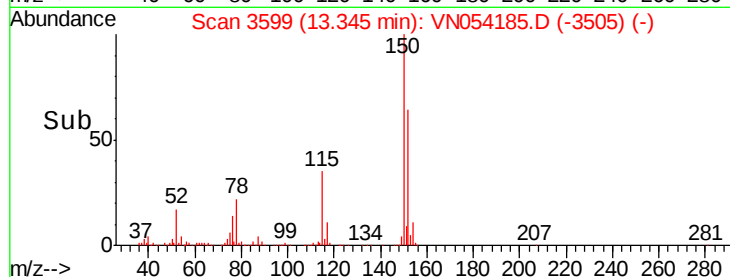


Abundance

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: 4.696 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054185.D

Acq: 13 Mar 2019 1:43

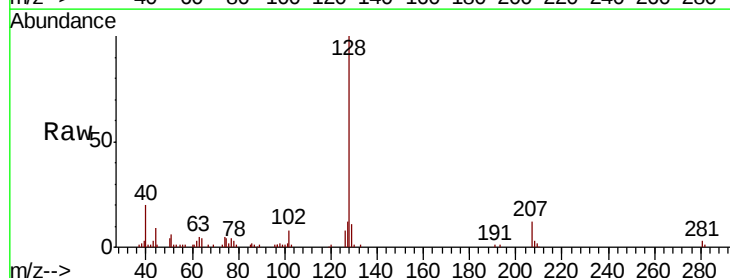
Tgt Ion:128 Resp: 67767

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 11.1 8.7 13.1



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

