

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053794.D
 Acq On : 15 Feb 2019 12:37
 Operator : JC/SP
 Sample : K1484-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M-2-S

Quant Time: Feb 15 23:46:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

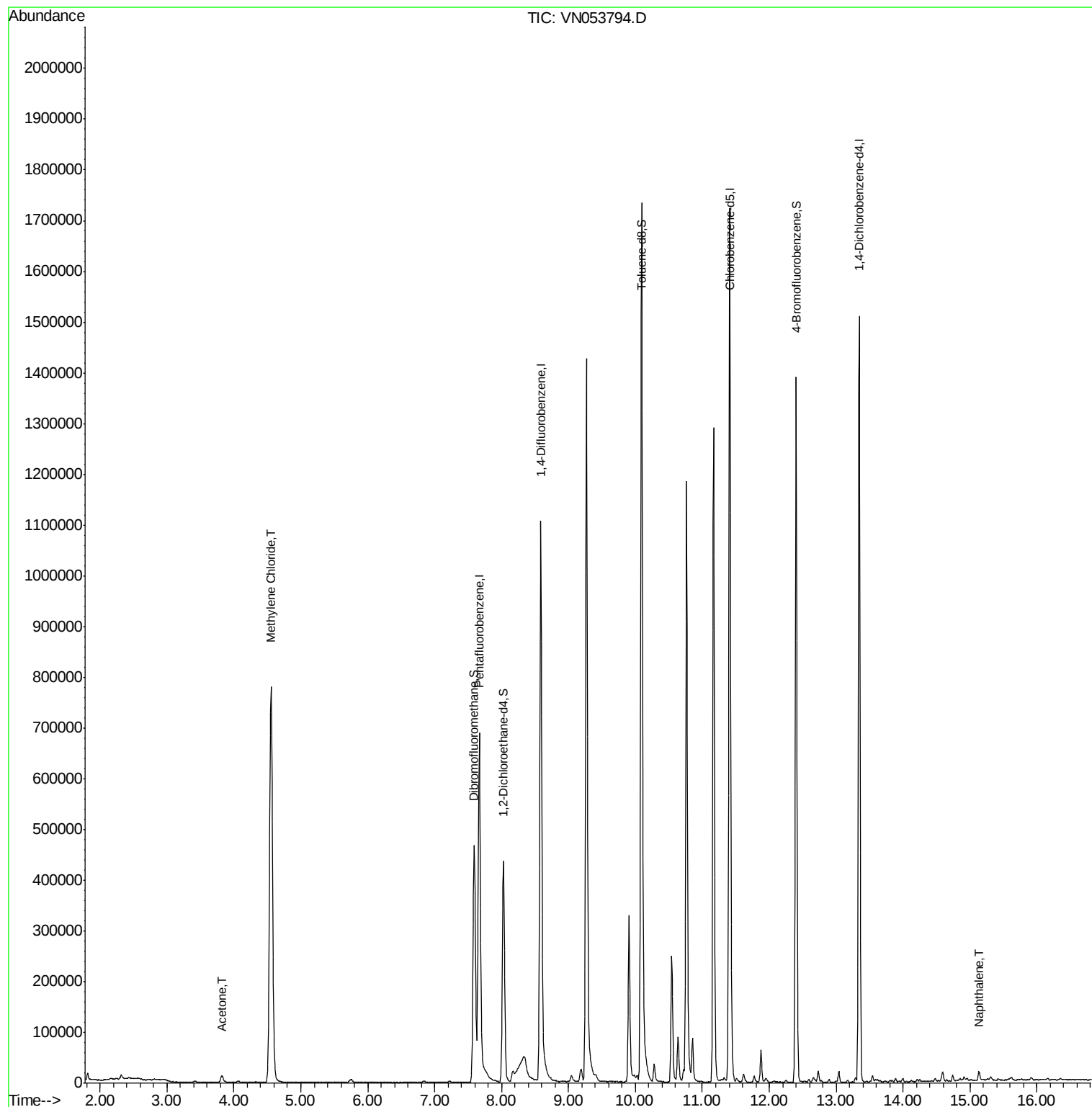
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	705120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1152983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1171408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	442700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	371838	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
35) Dibromofluoromethane	7.59	113	366134	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
50) Toluene-d8	10.09	98	1415793	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.40	95	491976	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
Target Compounds						
16) Acetone	3.82	43	24264	13.373	ug/l	99
20) Methylene Chloride	4.55	84	633131	83.173	ug/l	97
95) Naphthalene	15.13	128	17901	2.625	ug/l	98

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

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QLast Update : Fri Feb 01 09:11:52 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampleId :

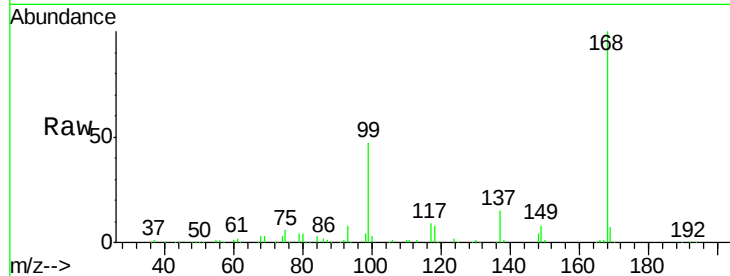
M-2-S

Tot Ion:168 Resp: 705120

Ion Ratio Lower Upper

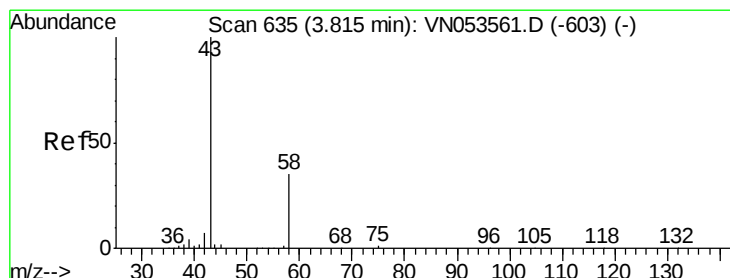
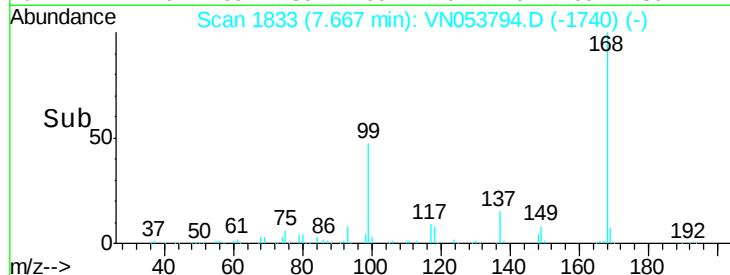
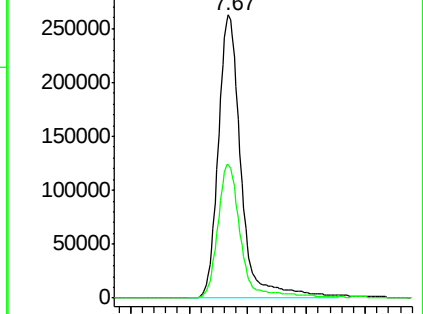
168 100

99 47.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 13.373 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053794.D

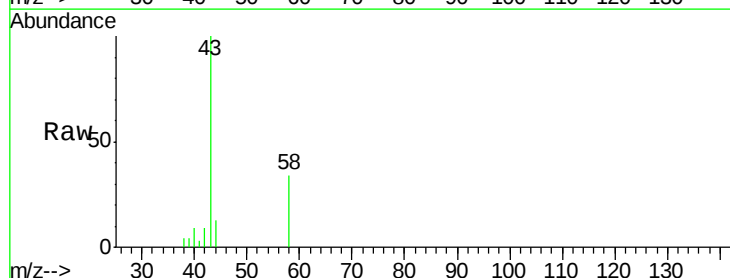
Acq: 15 Feb 2019 12:37

Tgt Ion: 43 Resp: 24264

Ion Ratio Lower Upper

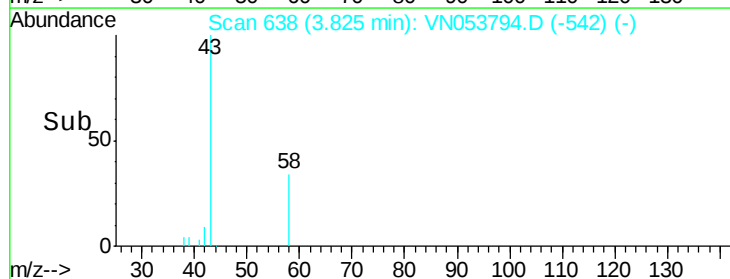
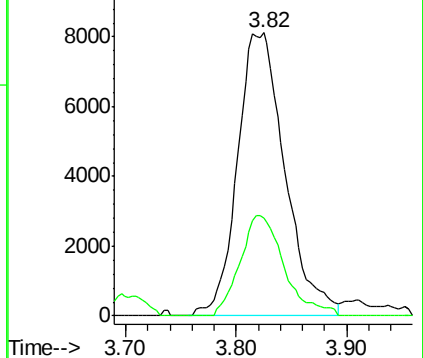
43 100

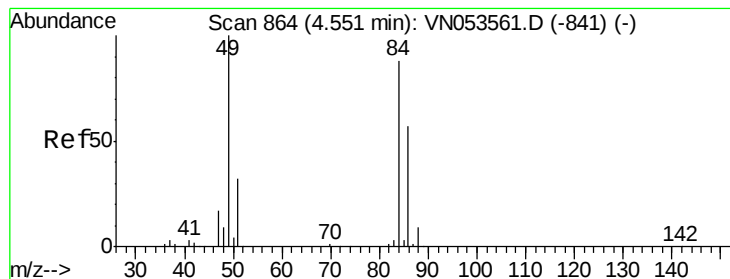
58 34.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 83.173 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampleId :

M-2-S

Tot Ion: 84 Resp: 633131

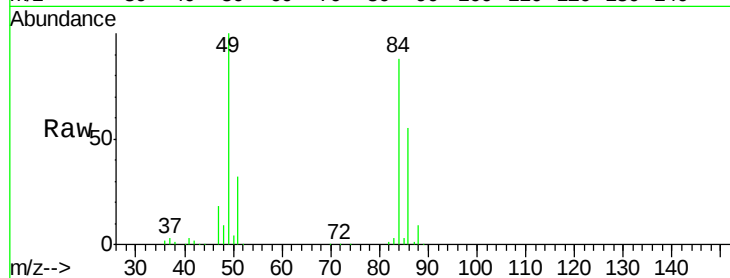
Ion Ratio Lower Upper

84 100

49 113.0 94.3 141.5

51 36.2 29.4 44.2

86 62.1 51.4 77.0

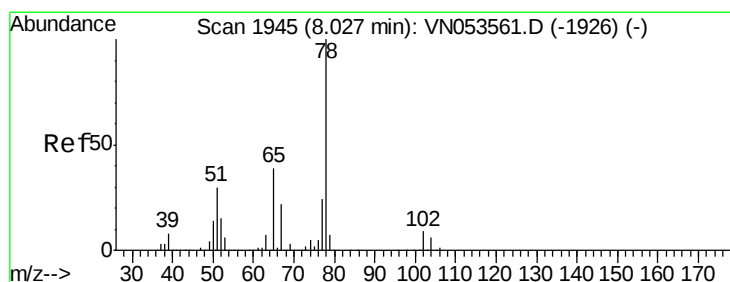
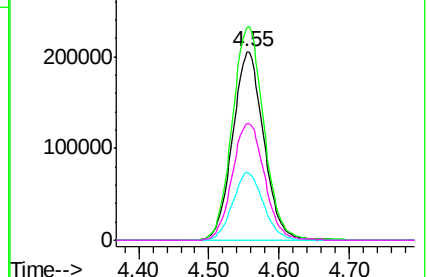
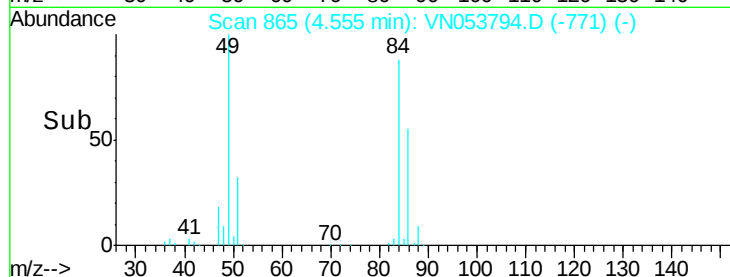


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#33

1,2-Dichloroethane-d4

Concen: 52.566 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053794.D

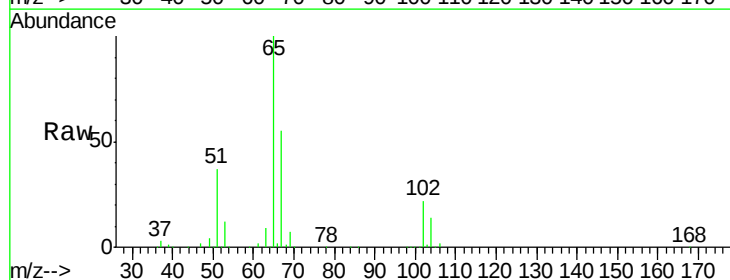
Acq: 15 Feb 2019 12:37

Tgt Ion: 65 Resp: 371838

Ion Ratio Lower Upper

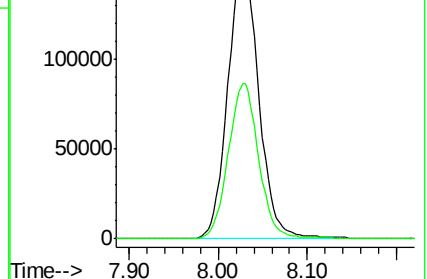
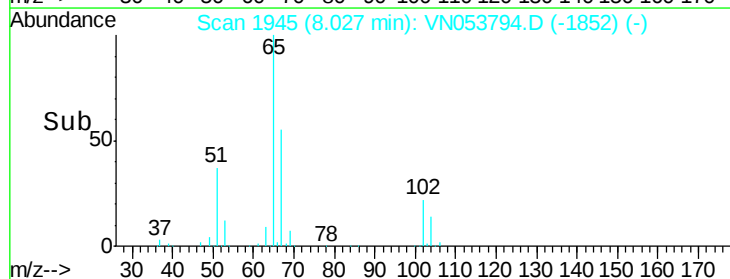
65 100

67 54.7 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

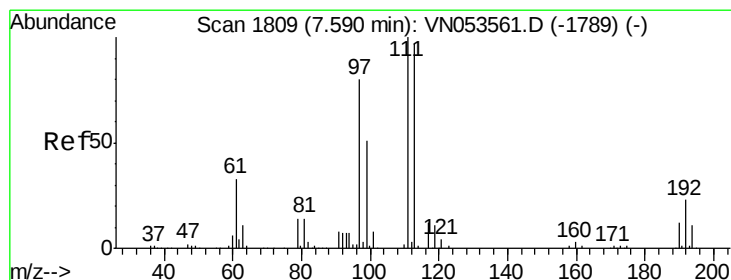
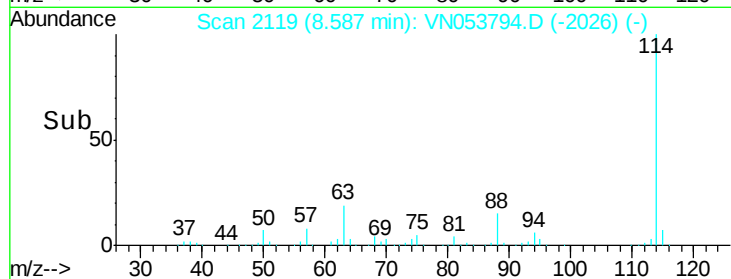
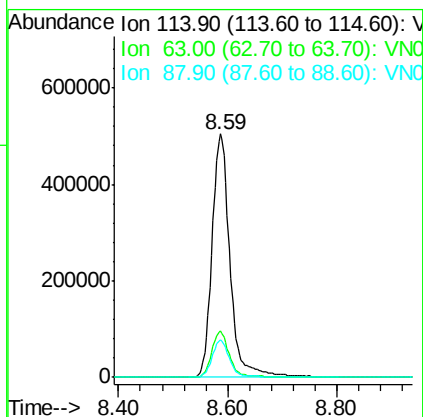
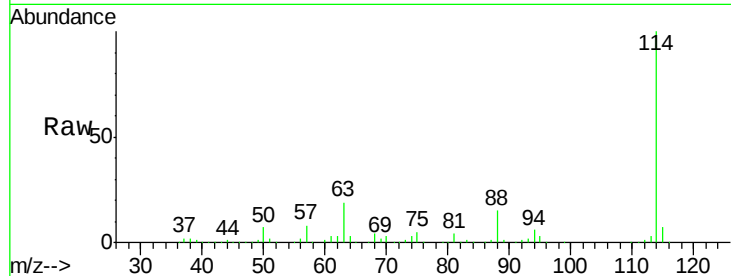




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053794.D
 Acq: 15 Feb 2019 12:37

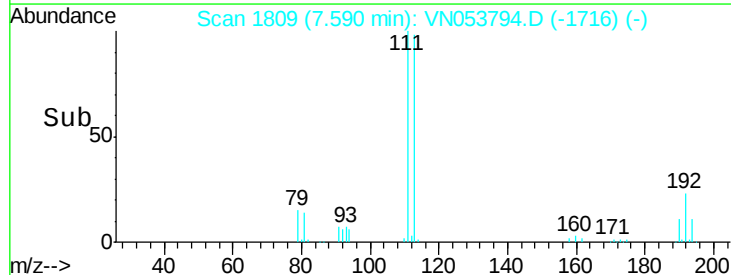
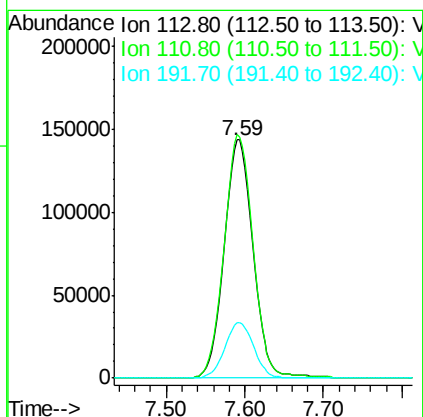
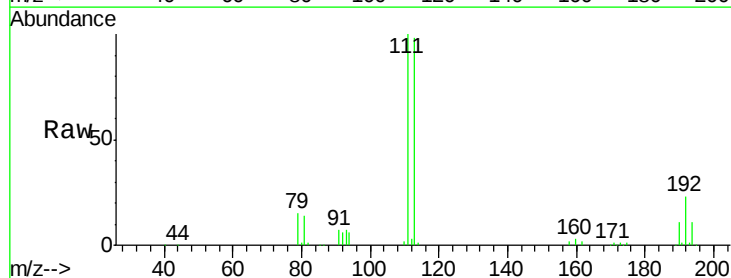
Instrument :
 MSVOA_N
 ClientSampleId :
 M-2-S

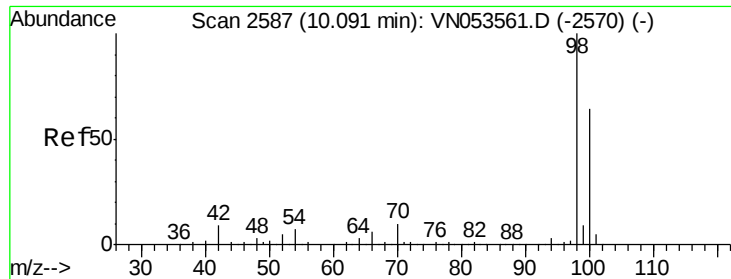
Tot Ion:114 Resp: 1152983
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.6
 88 15.4 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 50.256 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053794.D
 Acq: 15 Feb 2019 12:37

Tgt Ion:113 Resp: 366134
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.1 121.7
 192 23.3 18.2 27.2





#50

Toluene-d8

Concen: 51.756 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampled :

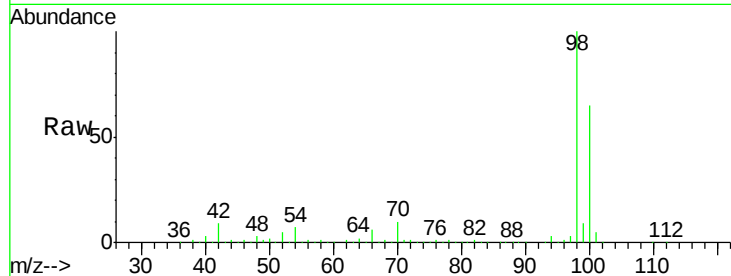
M-2-S

Tot Ion: 98 Resp: 1415793

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053561.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053561.D (-2570) (-)

10.09

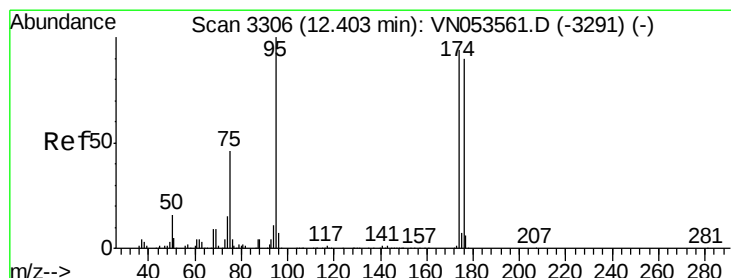
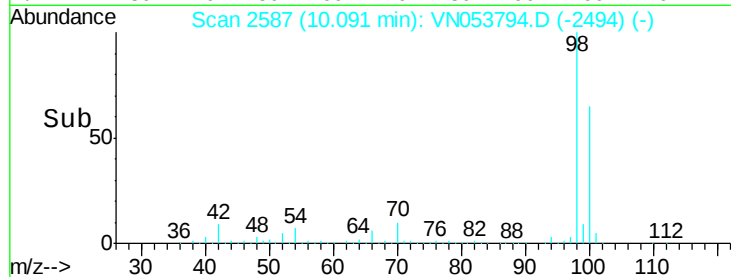
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.925 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

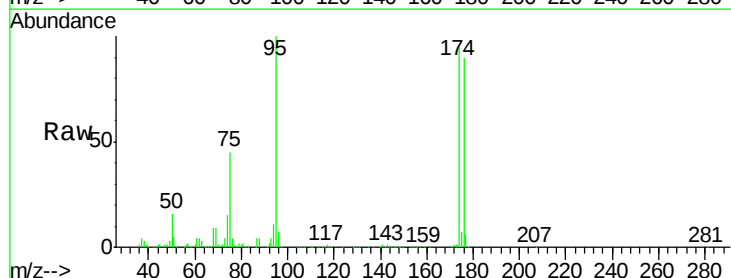
Tgt Ion: 95 Resp: 491976

Ion Ratio Lower Upper

95 100

174 93.7 0.0 183.2

176 89.8 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)

12.40

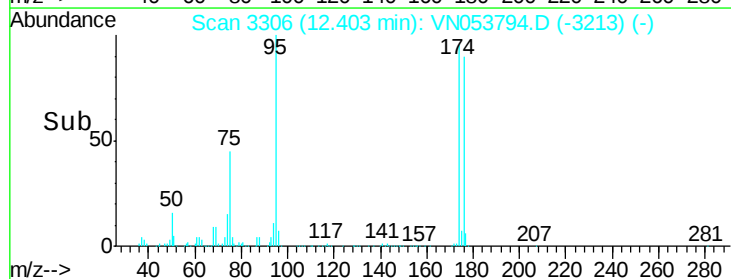
300000

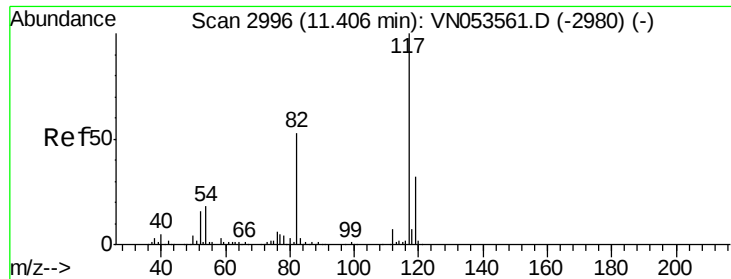
200000

100000

0

Time-->

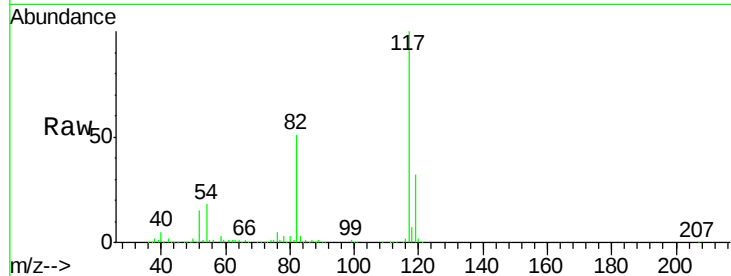




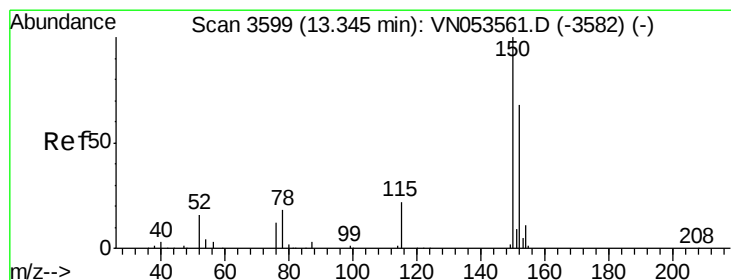
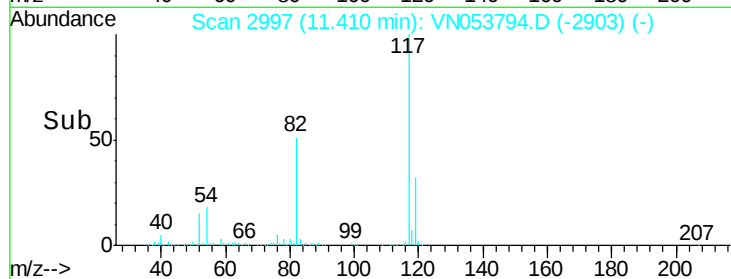
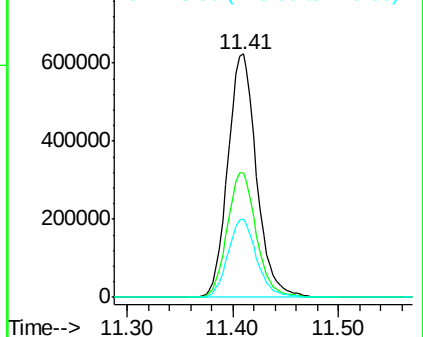
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053794.D
Acq: 15 Feb 2019 12:37

Instrument :
MSVOA_N
ClientSampled :
M-2-S

Tot Ion:117 Resp: 1171408
Ion Ratio Lower Upper
117 100
82 51.3 42.9 64.3
119 32.0 26.0 39.0

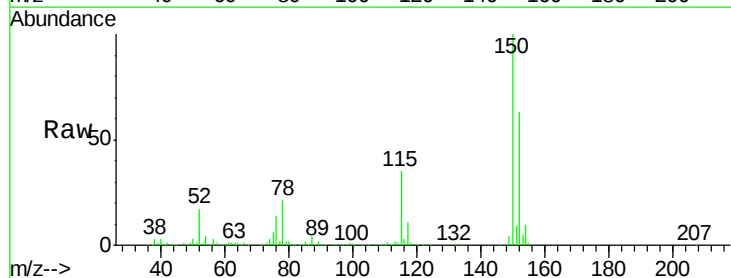


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

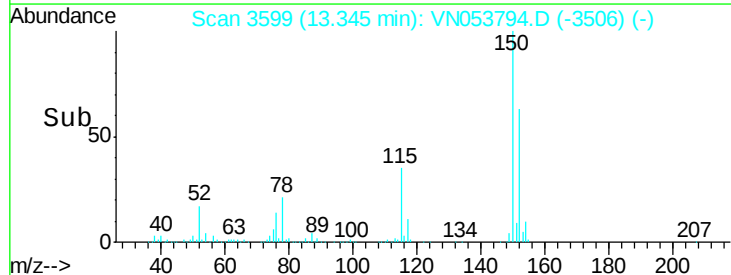
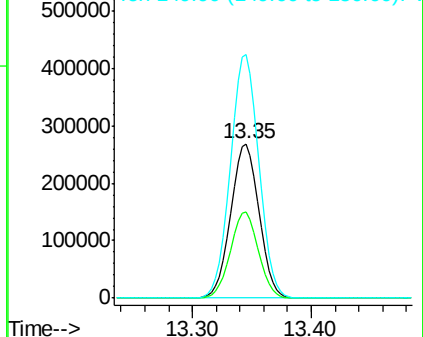


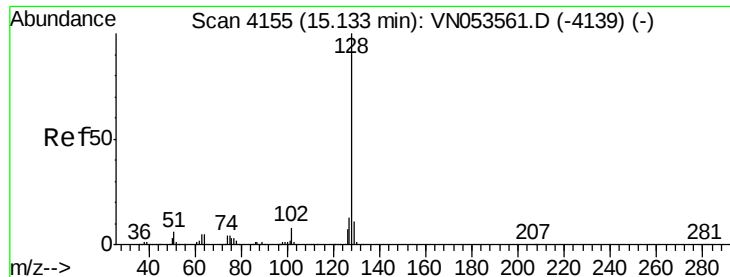
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053794.D
Acq: 15 Feb 2019 12:37

Tgt Ion:152 Resp: 442700
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 158.4 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





#95

Naphthalene

Concen: 2.625 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampleId :

M-2-S

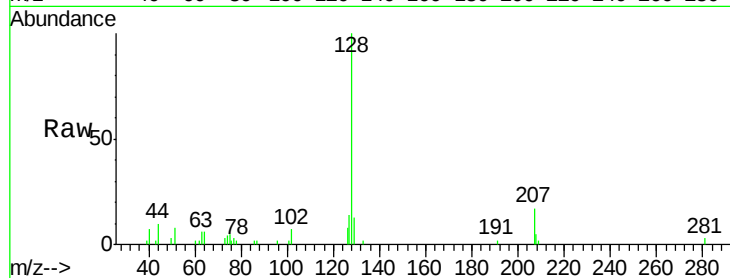
Tot Ion:128 Resp: 17901

Ion Ratio Lower Upper

128 100

127 11.6 10.3 15.5

129 11.2 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

