

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053704.D
 Acq On : 11 Feb 2019 15:00
 Operator : JC/SP
 Sample : K1442-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-12

Quant Time: Feb 11 22:54:59 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

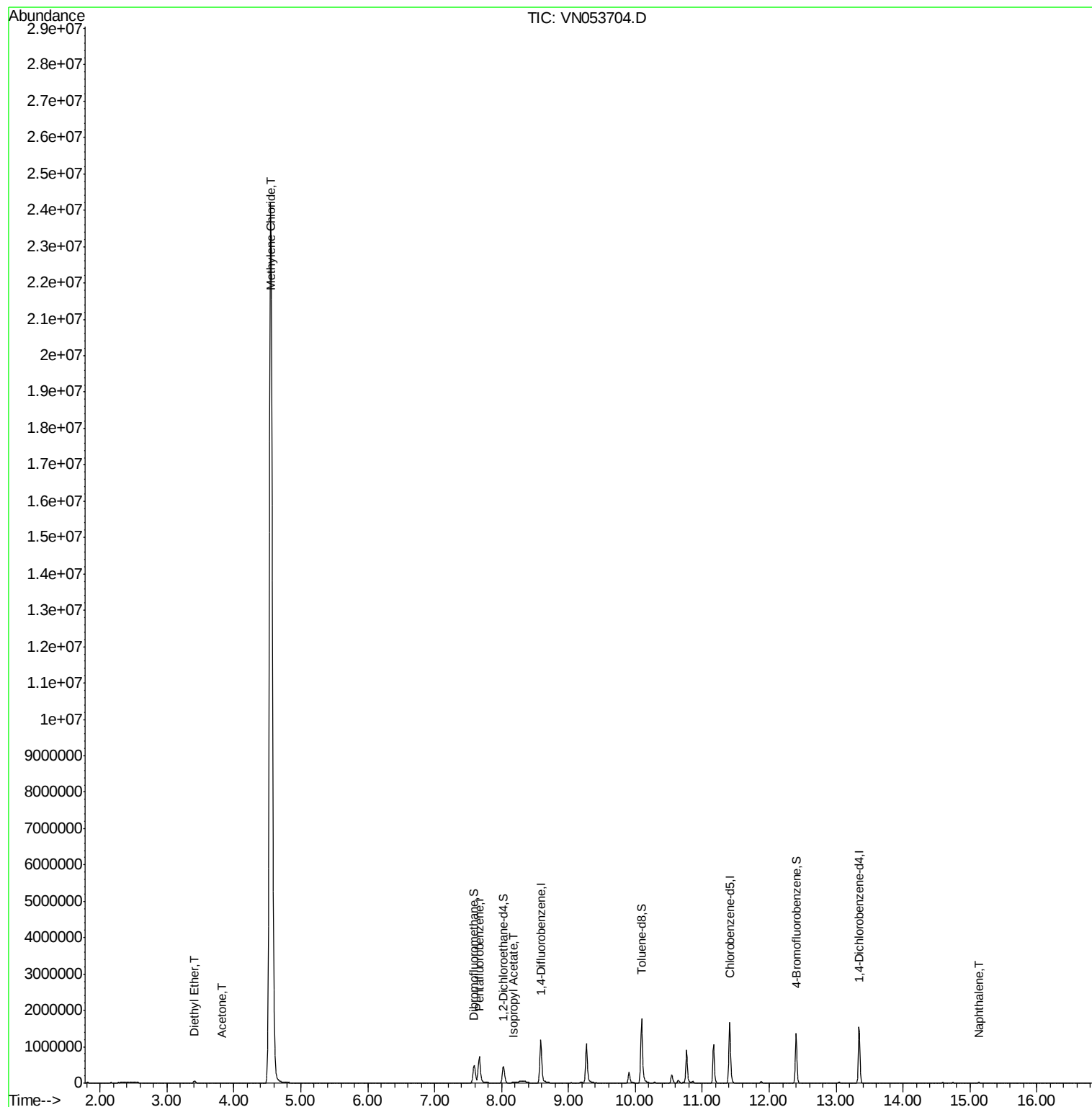
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	749343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1216214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1118668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	452906	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	392296	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
35) Dibromofluoromethane	7.59	113	389869	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
50) Toluene-d8	10.09	98	1485977	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.40	95	487472	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
Target Compounds						
8) Diethyl Ether	3.41	74	30875	7.219	ug/l	98
16) Acetone	3.82	43	18257	9.468	ug/l	100
20) Methylene Chloride	4.55	84	19613258	2424.482	ug/l	99
43) Isopropyl Acetate	8.17	43	36136	3.056	ug/l #	75
95) Naphthalene	15.13	128	9235	2.184	ug/l	99

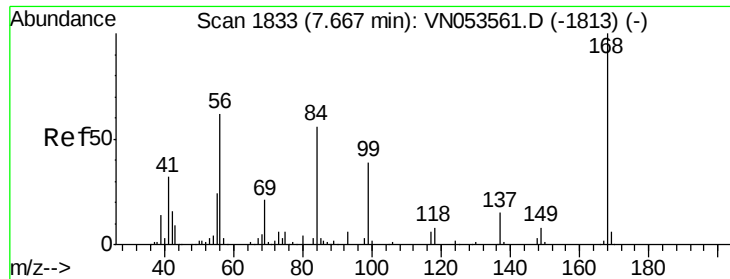
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 01 09:11:52 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: VN053704.D

Acq: 11 Feb 2019 15:00

Instrument :

MSVOA_N

ClientSampled :

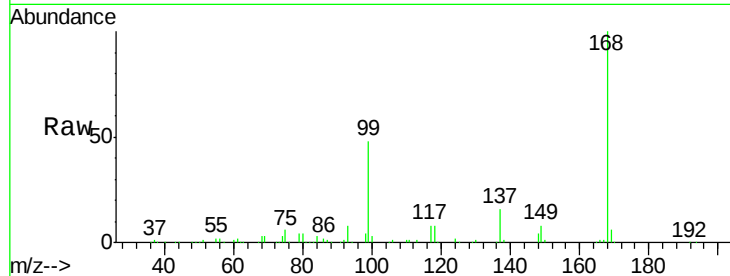
COMP-12

Tot Ion:168 Resp: 749343

Ion Ratio Lower Upper

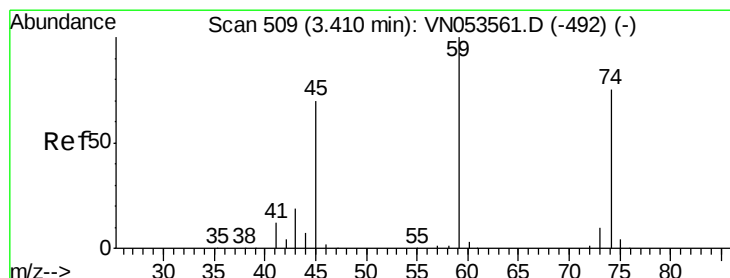
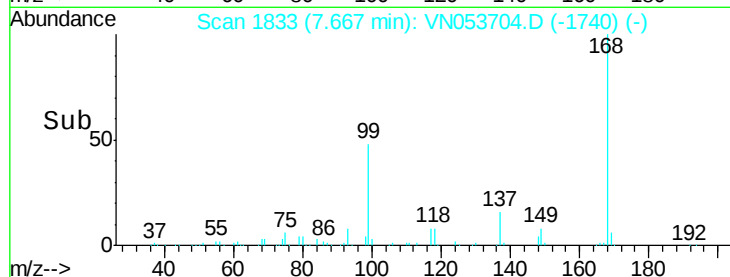
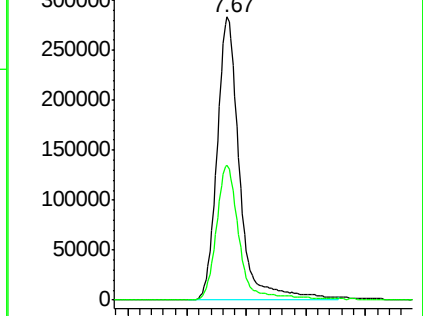
168 100

99 47.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#8

Diethyl Ether

Concen: 7.219 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN053704.D

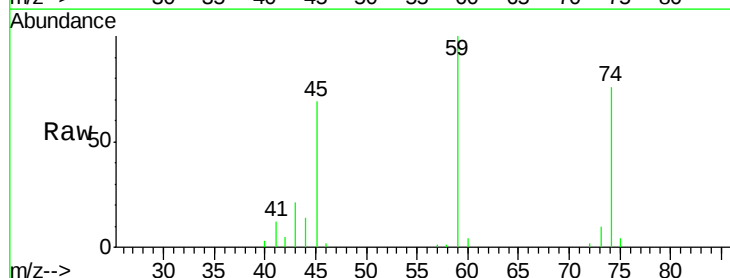
Acq: 11 Feb 2019 15:00

Tgt Ion: 74 Resp: 30875

Ion Ratio Lower Upper

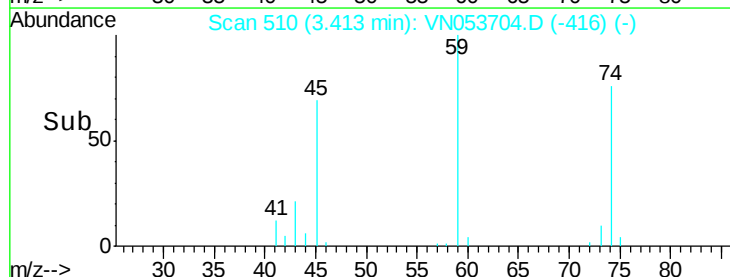
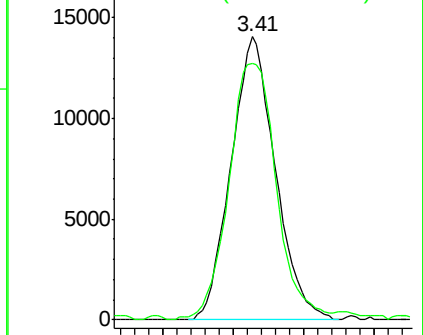
74 100

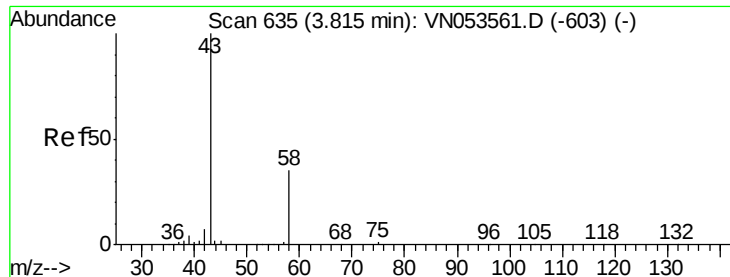
45 97.4 47.9 143.7



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#16

Acetone

Concen: 9.468 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053704.D

Acq: 11 Feb 2019 15:00

Instrument :

MSVOA_N

ClientSampleId :

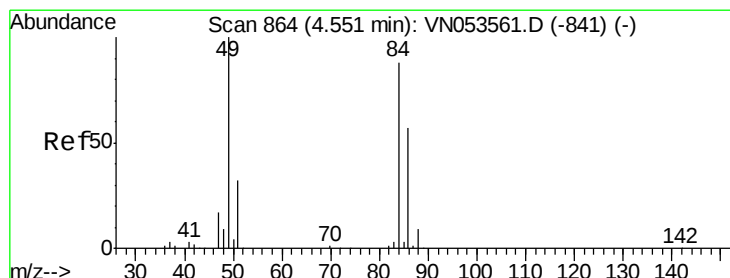
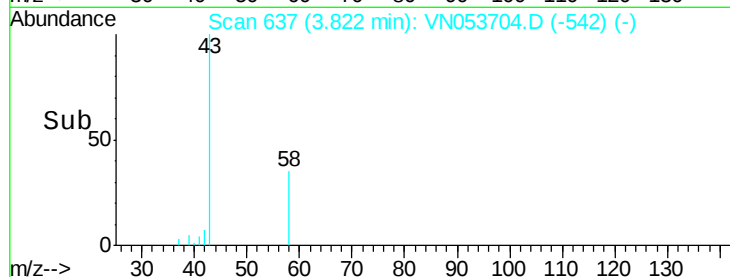
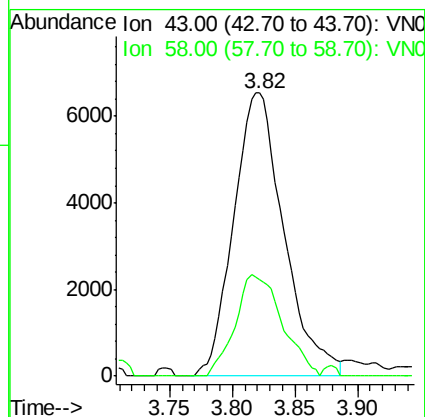
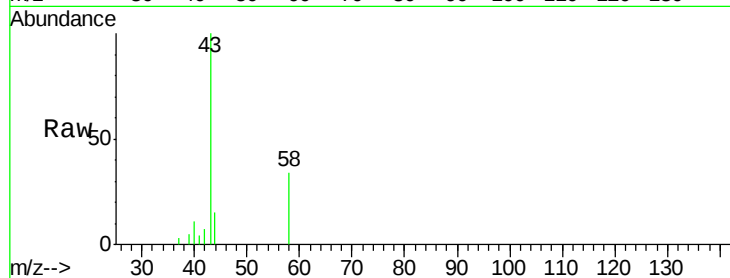
COMP-12

Tot Ion: 43 Resp: 18257

Ion Ratio Lower Upper

43 100

58 34.1 27.1 40.7



#20

Methylene Chloride

Concen: 2424.482 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN053704.D

Acq: 11 Feb 2019 15:00

Tgt Ion: 84 Resp:19613258

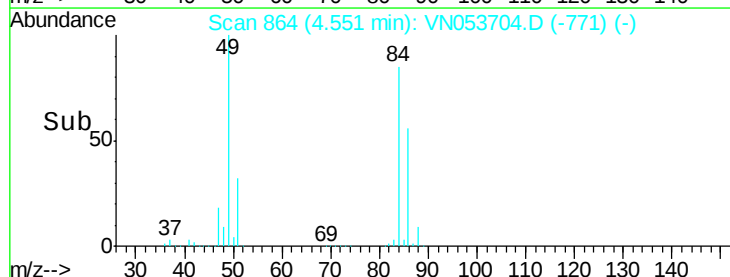
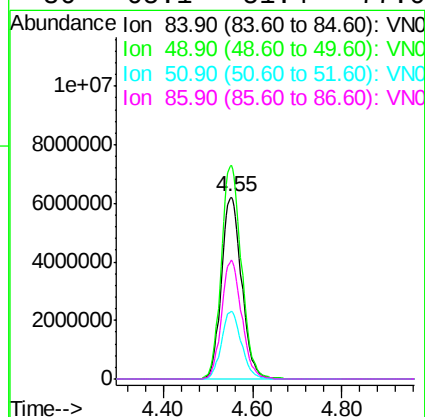
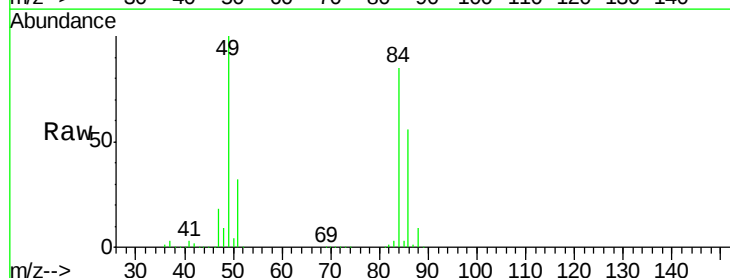
Ion Ratio Lower Upper

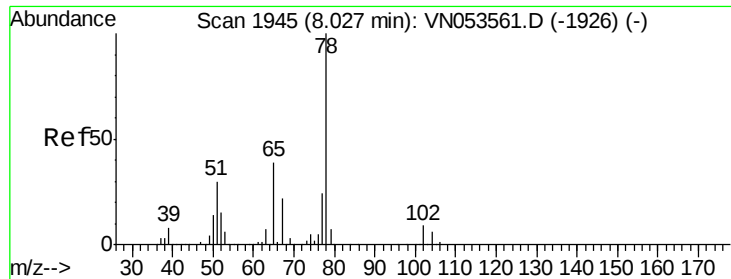
84 100

49 117.3 94.3 141.5

51 37.1 29.4 44.2

86 65.1 51.4 77.0

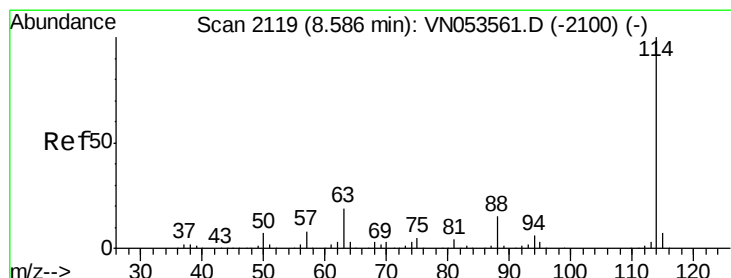
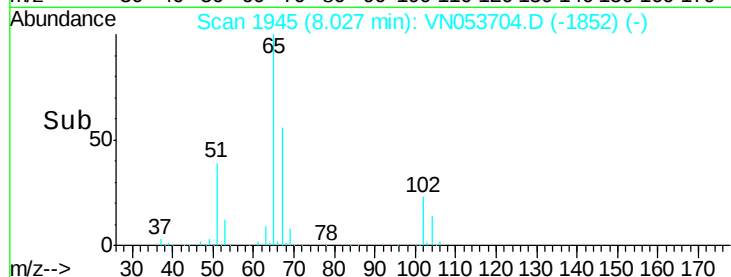
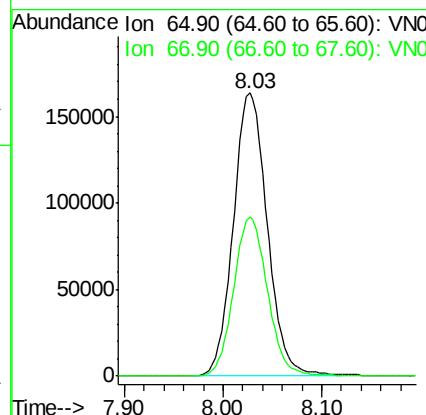
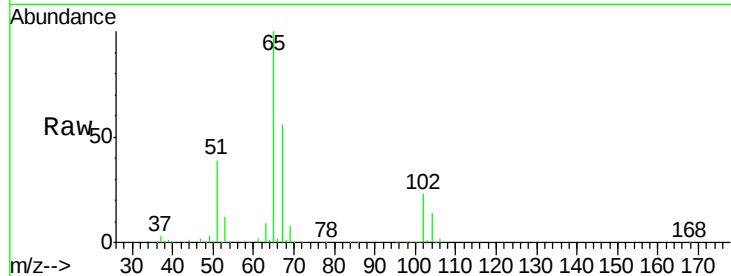




#33
 1,2-Dichloroethane-d4
 Concen: 52.185 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053704.D
 Acq: 11 Feb 2019 15:00

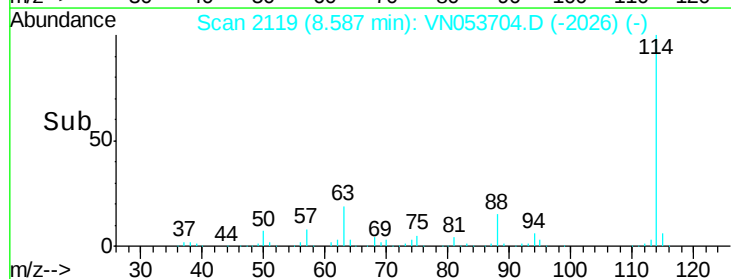
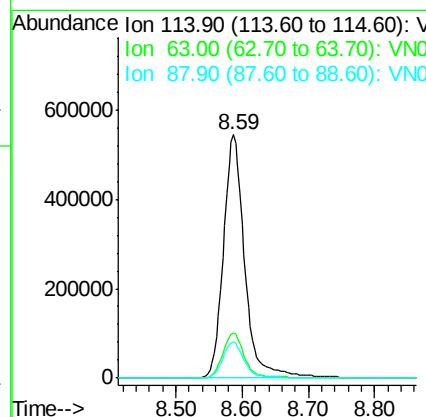
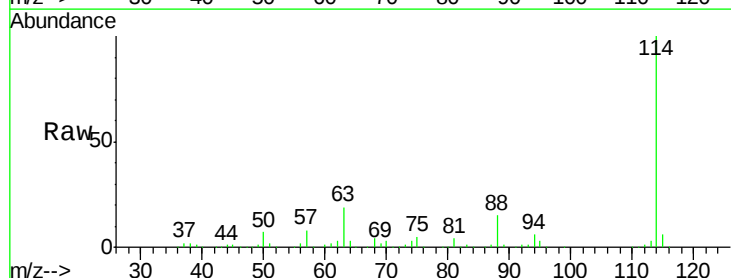
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-12

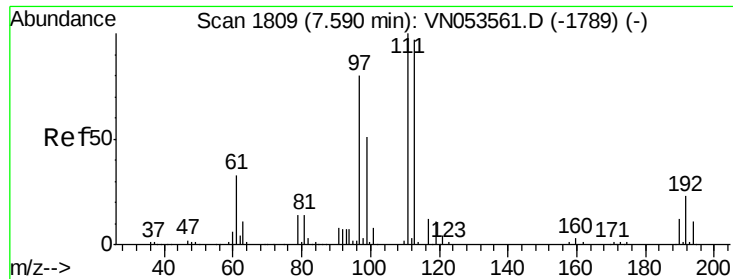
Tot Ion: 65 Resp: 392296
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053704.D
 Acq: 11 Feb 2019 15:00

Tgt Ion: 114 Resp: 1216214
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.6
 88 14.9 0.0 30.4

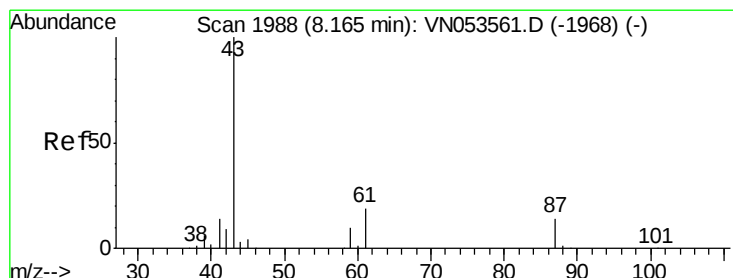
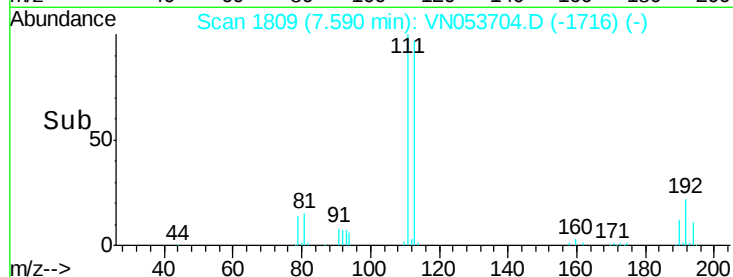
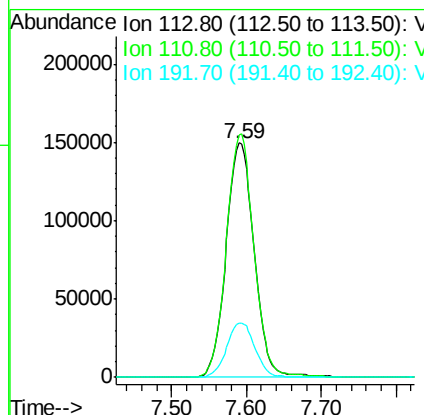
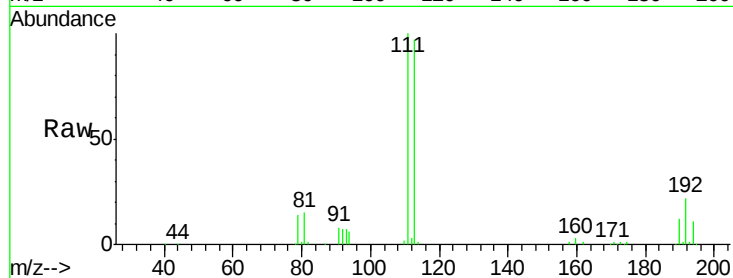




#35
 Dibromofluoromethane
 Concen: 50.732 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053704.D
 Acq: 11 Feb 2019 15:00

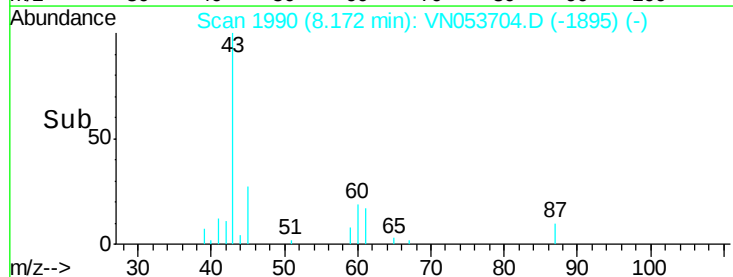
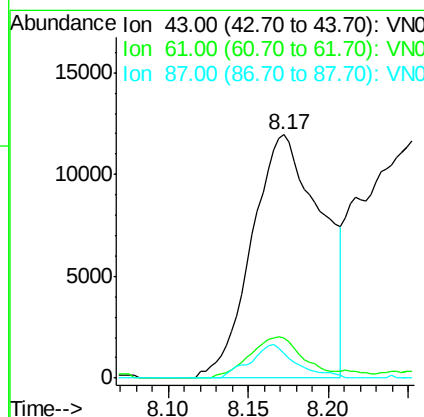
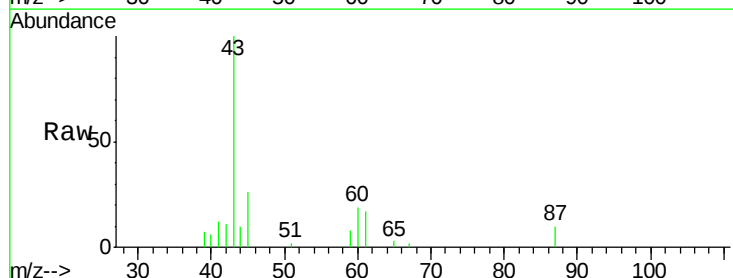
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-12

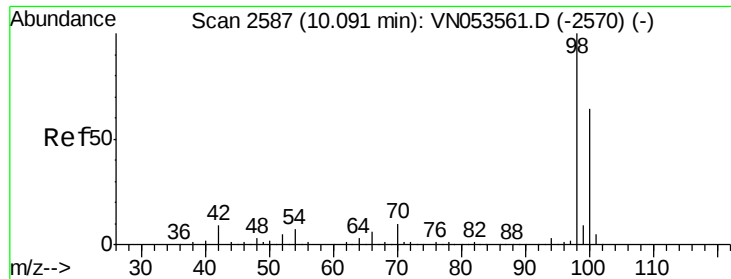
Tot Ion:113 Resp: 389869
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.1 121.7
 192 23.3 18.2 27.2



#43
 Isopropyl Acetate
 Concen: 3.056 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN053704.D
 Acq: 11 Feb 2019 15:00

Tgt Ion: 43 Resp: 36136
 Ion Ratio Lower Upper
 43 100
 61 12.9 23.9 35.9#
 87 8.8 11.0 16.6#





#50

Toluene-d8

Concen: 51.498 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053704.D

Acq: 11 Feb 2019 15:00

Instrument :

MSVOA_N

ClientSampleId :

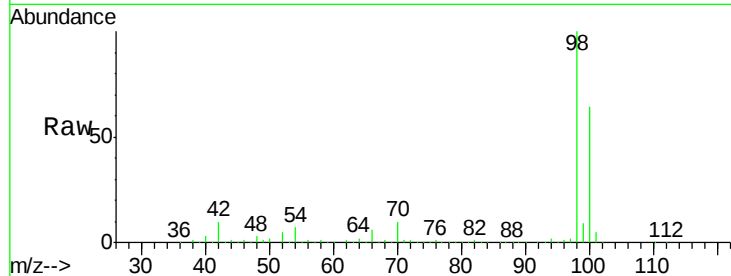
COMP-12

Tot Ion: 98 Resp: 1485977

Ion Ratio Lower Upper

98 100

100 64.1 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

800000

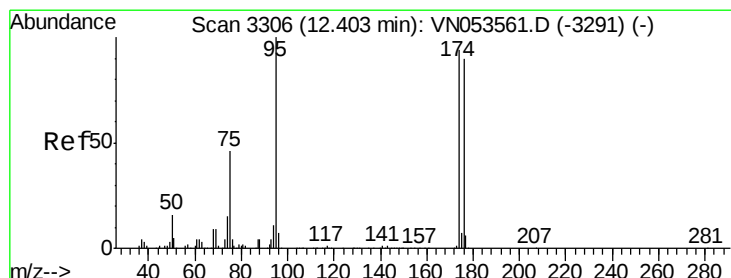
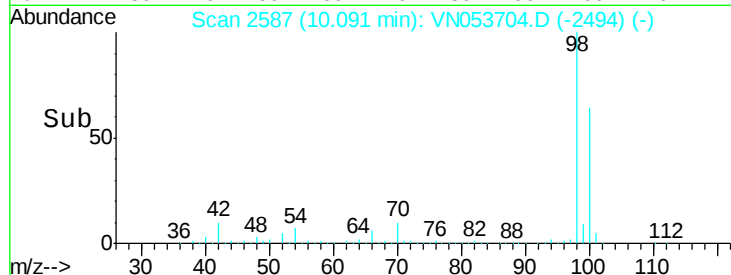
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.653 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053704.D

Acq: 11 Feb 2019 15:00

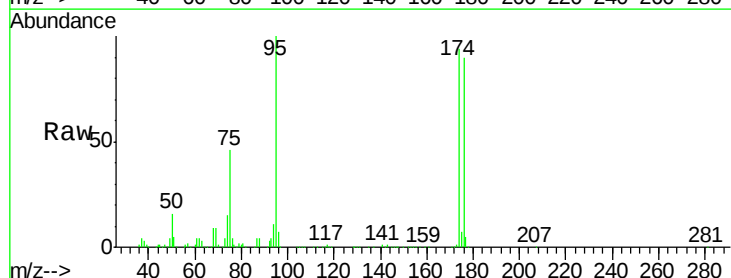
Tgt Ion: 95 Resp: 487472

Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.2

176 89.7 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

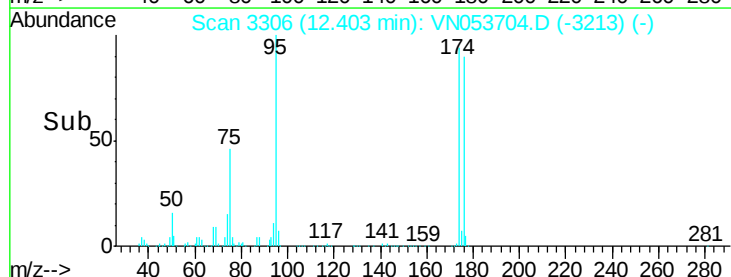
300000

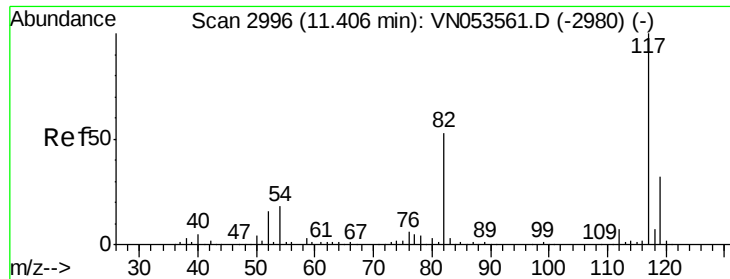
200000

100000

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Time-->

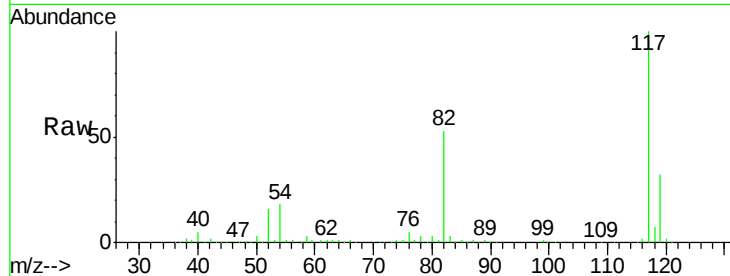




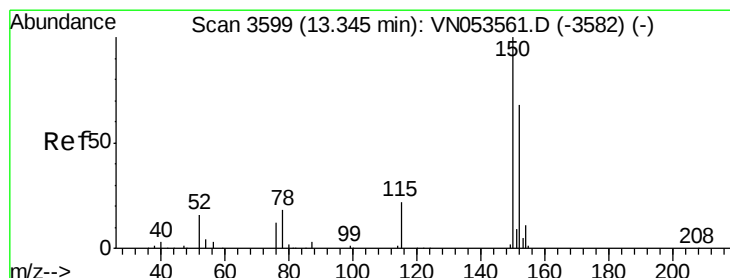
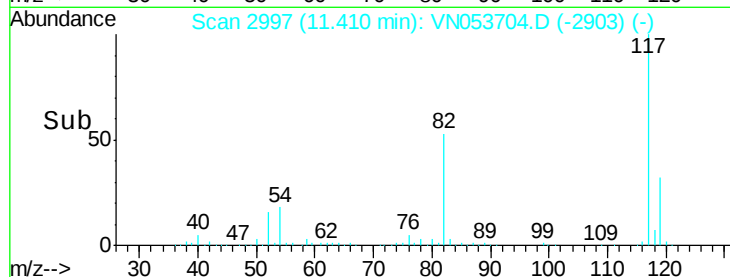
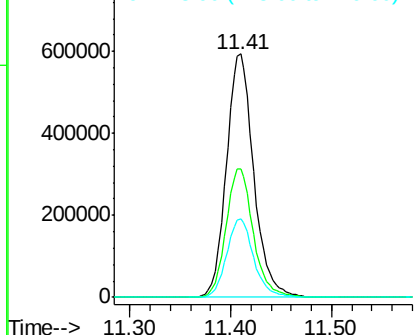
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053704.D
Acq: 11 Feb 2019 15:00

Instrument :
MSVOA_N
ClientSampleId :
COMP-12

Tot Ion:117 Resp: 1118668
Ion Ratio Lower Upper
117 100
82 52.7 42.9 64.3
119 32.2 26.0 39.0

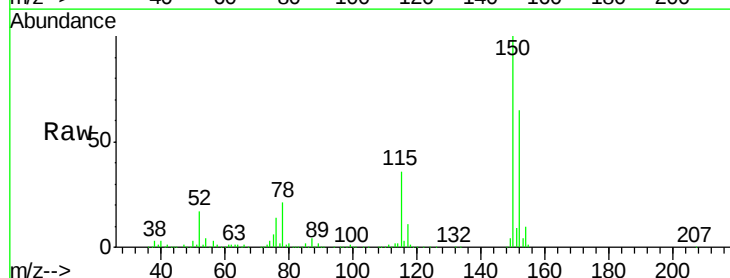


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

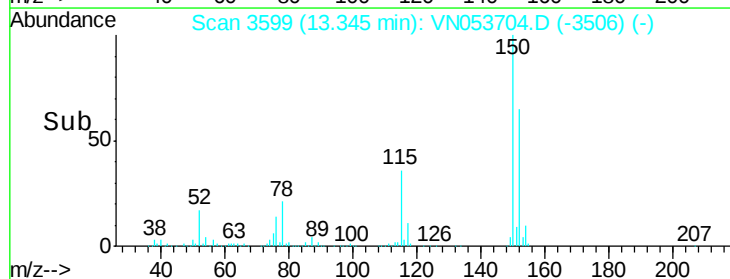
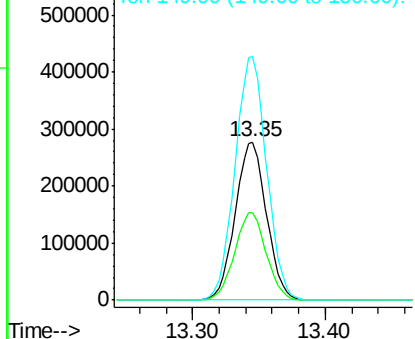


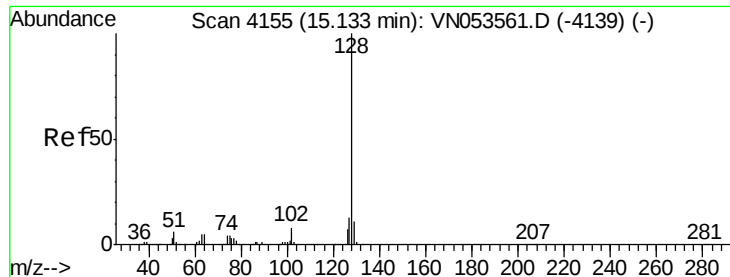
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053704.D
Acq: 11 Feb 2019 15:00

Tgt Ion:152 Resp: 452906
Ion Ratio Lower Upper
152 100
115 55.8 27.8 83.4
150 155.8 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

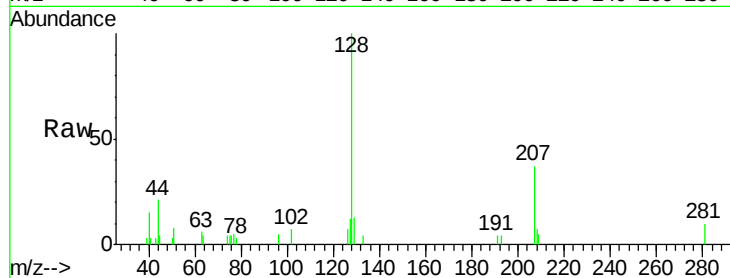




#95
 Naphthalene
 Concen: 2.184 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053704.D
 Acq: 11 Feb 2019 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-12

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.3	15.5
129	10.6	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

