

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020819\
 Data File : VN053684.D
 Acq On : 8 Feb 2019 16:25
 Operator : JC/SP
 Sample : K1349-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-020719-A

Quant Time: Feb 09 03:26:14 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

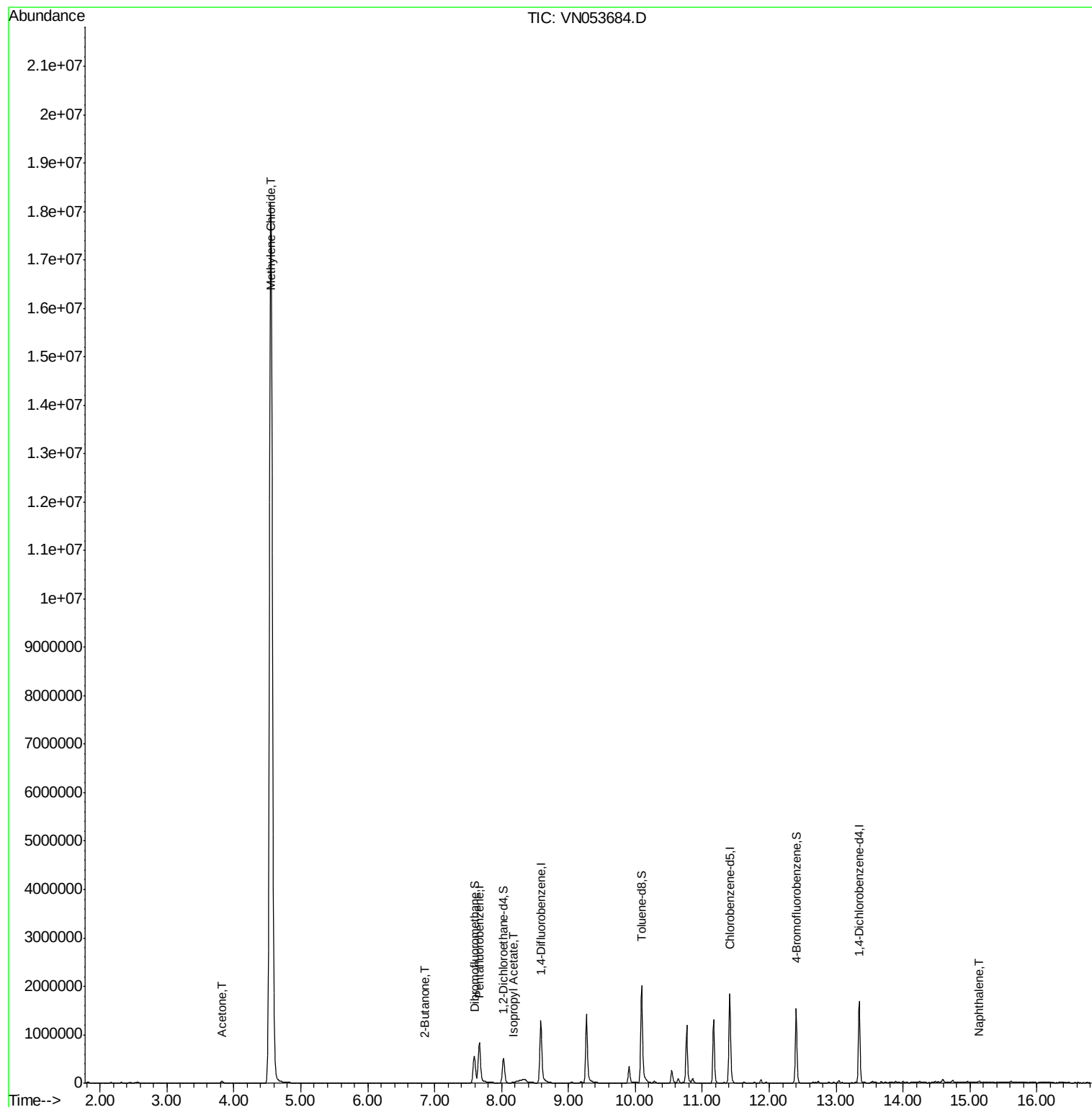
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	838519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1383011	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1258180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	495665	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	439835	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
35) Dibromofluoromethane	7.59	113	432843	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
50) Toluene-d8	10.09	98	1669314	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.40	95	550464	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
Target Compounds						
16) Acetone	3.82	43	58884	27.290	ug/l	99
20) Methylene Chloride	4.55	84	14594266	1612.201	ug/l	99
25) 2-Butanone	6.85	43	8995	2.923	ug/l #	89
43) Isopropyl Acetate	8.17	43	32510	2.418	ug/l #	85
95) Naphthalene	15.13	128	27229	2.943	ug/l	98

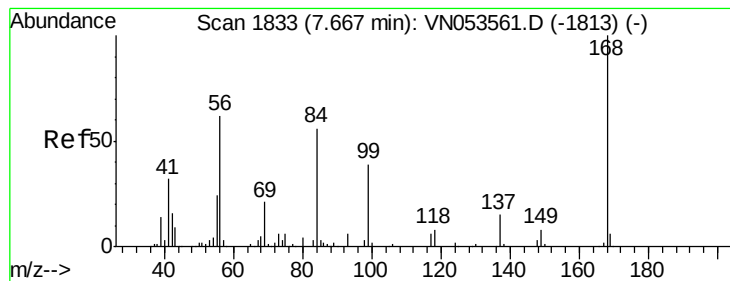
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VN053684.D

Acq: 8 Feb 2019 16:25

Instrument :

MSVOA_N

ClientSampleId :

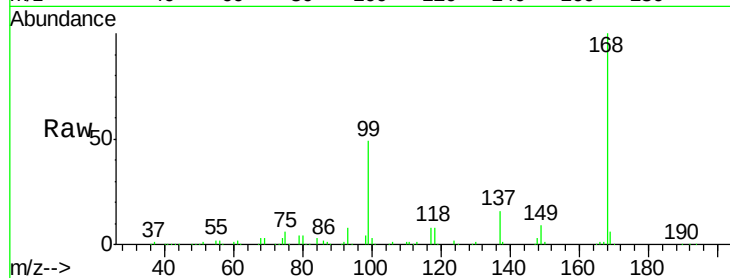
OR-03-020719-A

Tot Ion:168 Resp: 838519

Ion Ratio Lower Upper

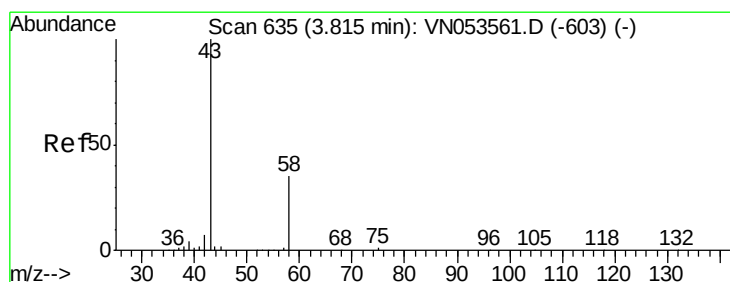
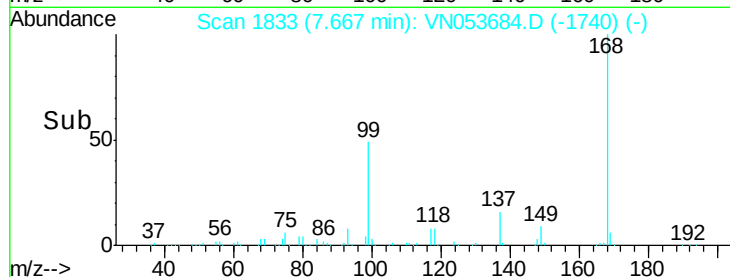
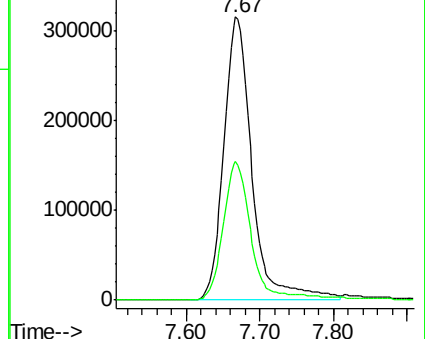
168 100

99 48.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 27.290 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053684.D

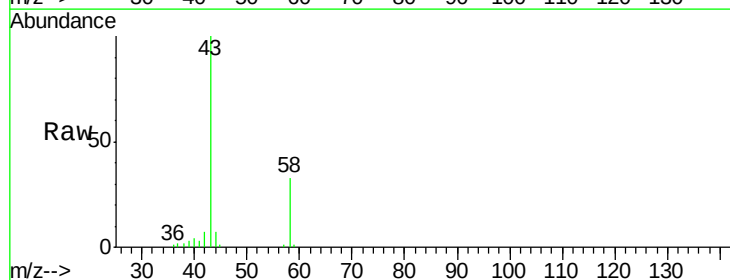
Acq: 8 Feb 2019 16:25

Tgt Ion: 43 Resp: 58884

Ion Ratio Lower Upper

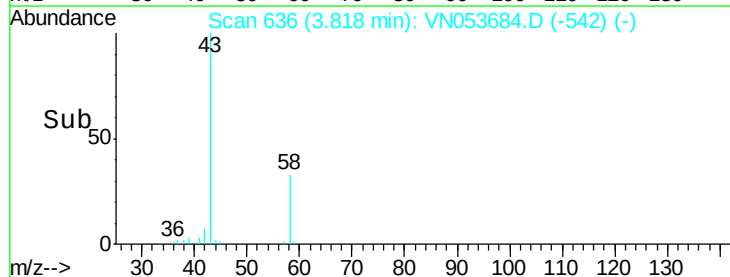
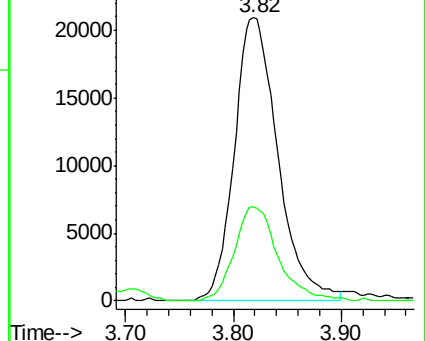
43 100

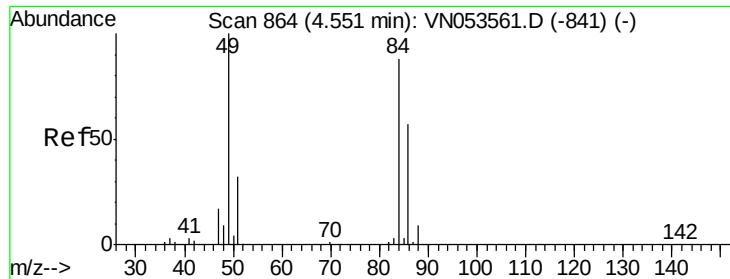
58 33.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN



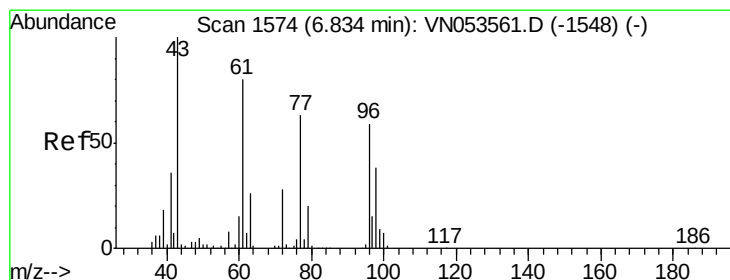
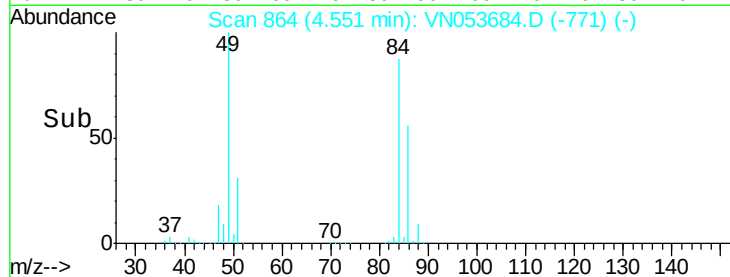
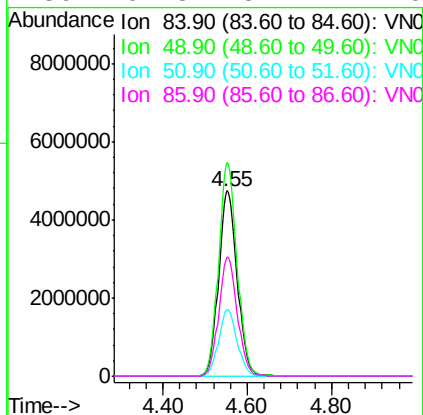
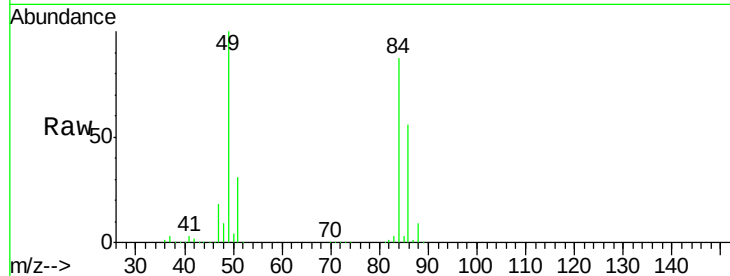


#20
Methvlene Chloride
Concen: 1612.201 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053684.D
Acq: 8 Feb 2019 16:25

Instrument :
MSVOA_N
ClientSampleId :
OR-03-020719-A

Tot Ion: 84 Resp:14594266

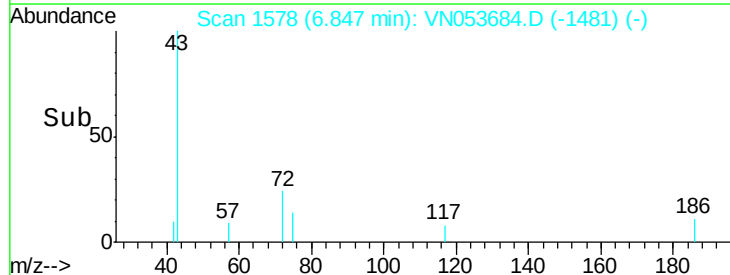
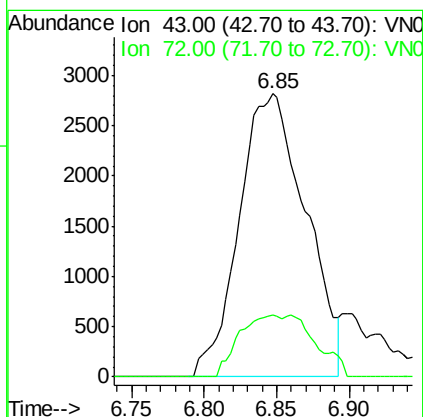
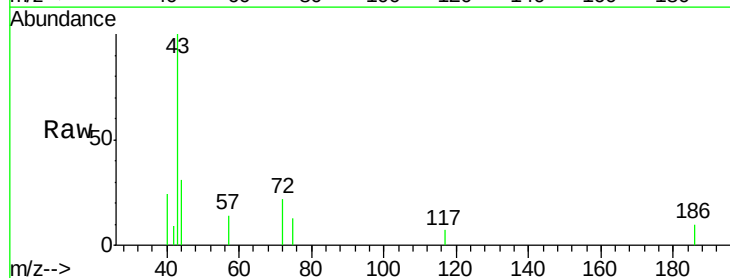
Ion	Ratio	Lower	Upper
84	100		
49	115.4	94.3	141.5
51	36.2	29.4	44.2
86	64.3	51.4	77.0

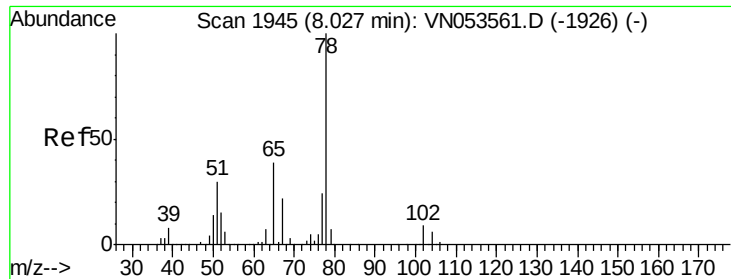


#25
2-Butanone
Concen: 2.923 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053684.D
Acq: 8 Feb 2019 16:25

Tgt Ion: 43 Resp: 8995

Ion	Ratio	Lower	Upper
43	100		
72	21.9	22.0	33.0#

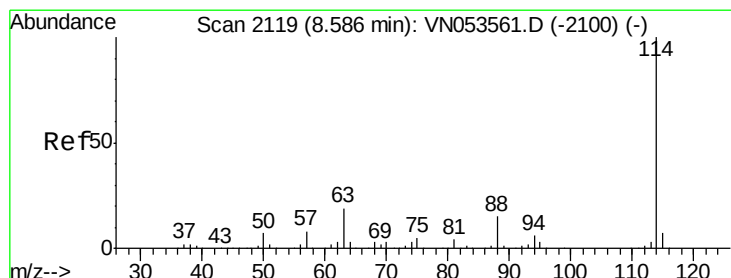
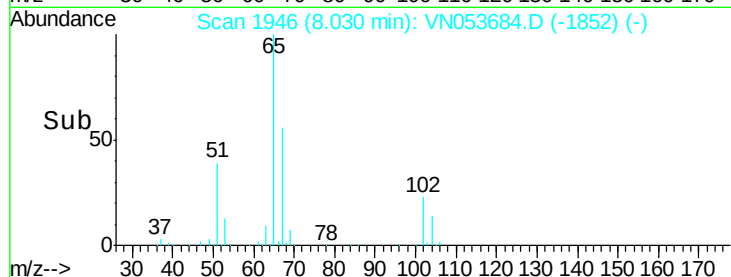
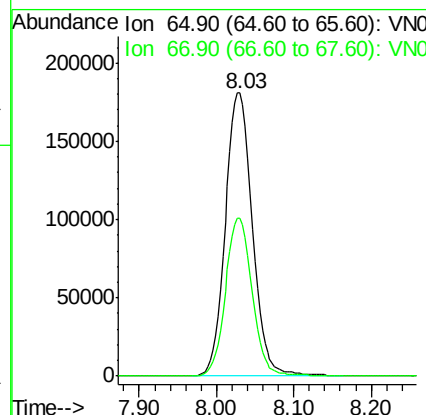
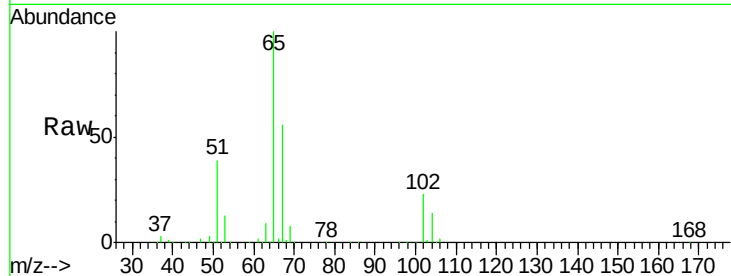




#33
 1,2-Dichloroethane-d4
 Concen: 52.287 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN053684.D
 Acq: 8 Feb 2019 16:25

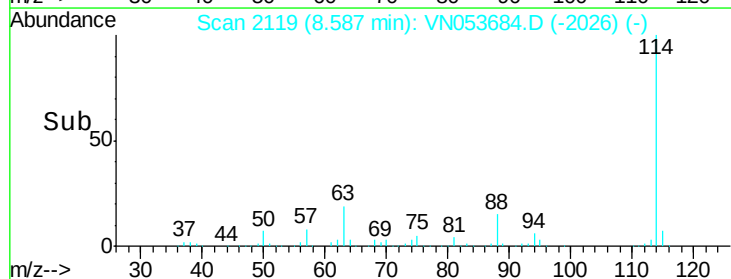
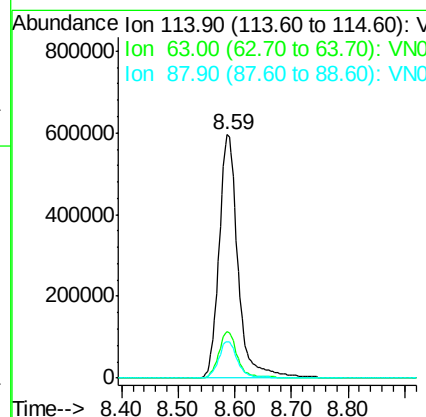
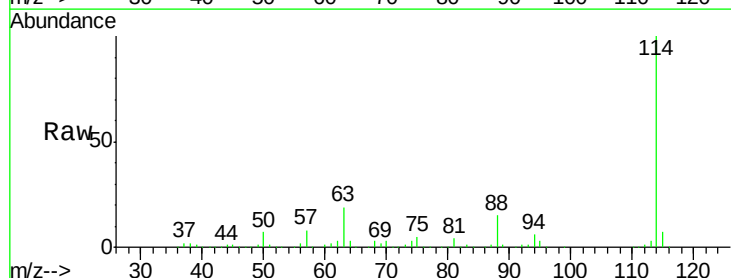
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-020719-A

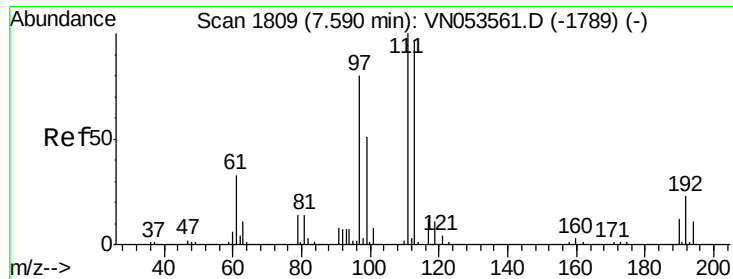
Tot Ion: 65 Resp: 439835
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053684.D
 Acq: 8 Feb 2019 16:25

Tgt Ion: 114 Resp: 1383011
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.0 0.0 30.4

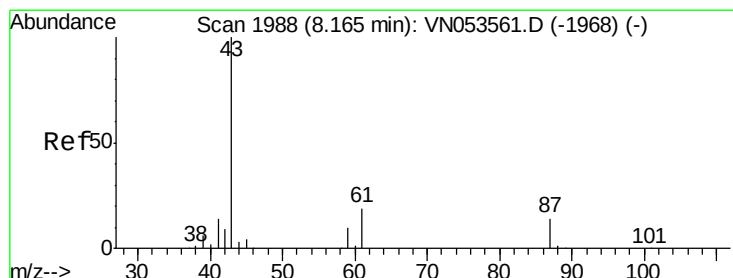
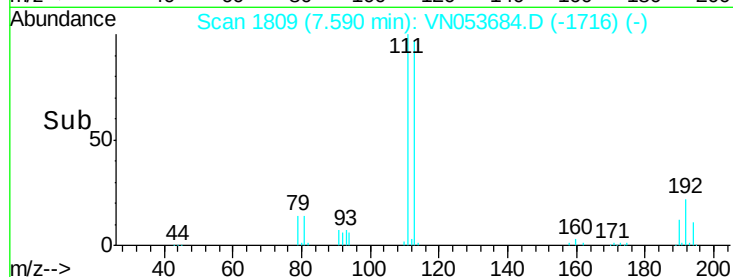
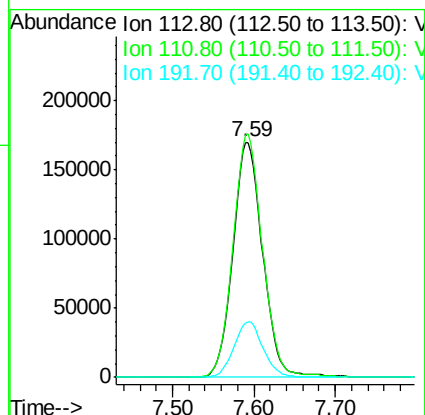
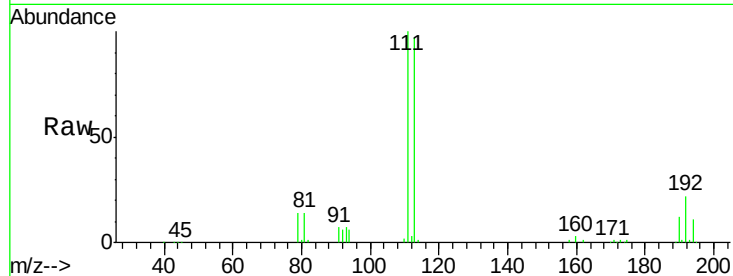




#35
Dibromofluoromethane
Concen: 49.531 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053684.D
Acq: 8 Feb 2019 16:25

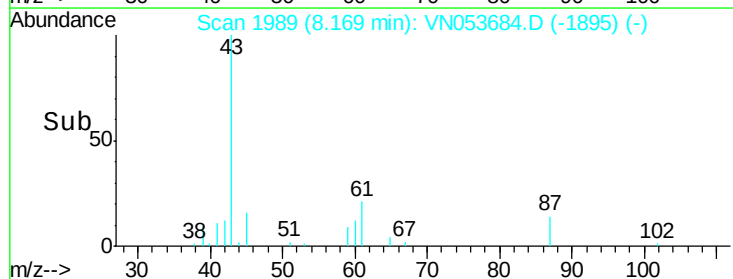
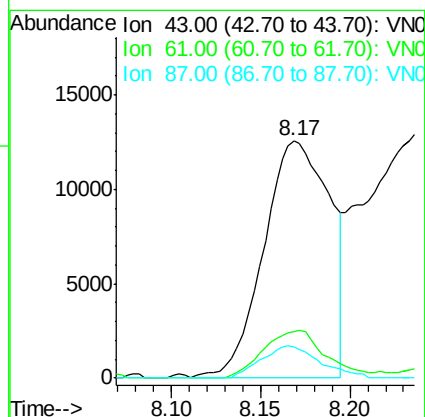
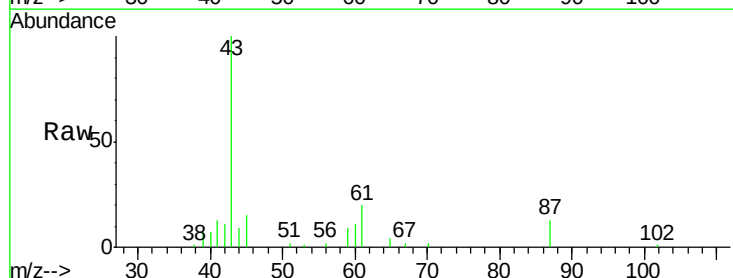
Instrument :
MSVOA_N
ClientSampleId :
OR-03-020719-A

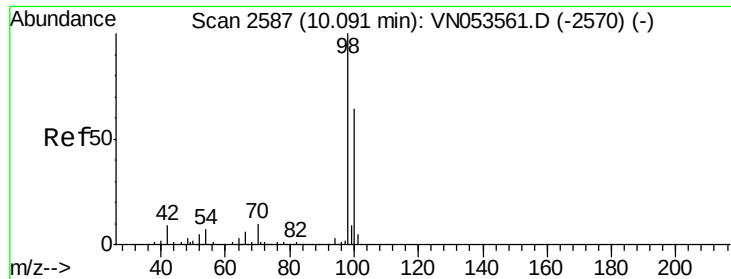
Tot Ion:113 Resp: 432843
Ion Ratio Lower Upper
113 100
111 102.7 81.1 121.7
192 23.3 18.2 27.2



#43
Isopropyl Acetate
Concen: 2.418 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN053684.D
Acq: 8 Feb 2019 16:25

Tgt Ion: 43 Resp: 32510
Ion Ratio Lower Upper
43 100
61 19.0 23.9 35.9#
87 12.0 11.0 16.6





#50

Toluene-d8

Concen: 50.874 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053684.D

Acq: 8 Feb 2019 16:25

Instrument :

MSVOA_N

ClientSampleId :

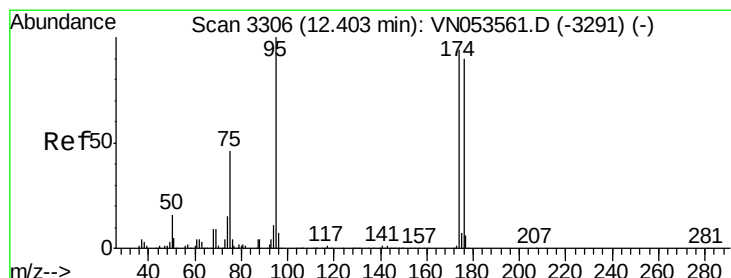
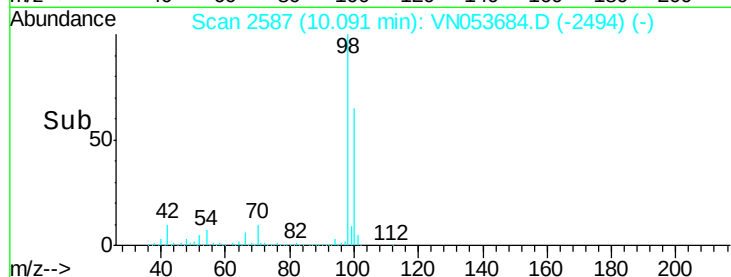
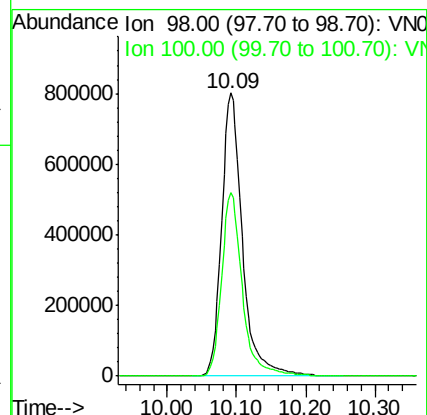
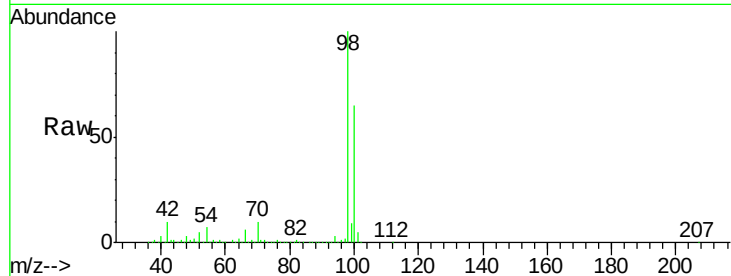
OR-03-020719-A

Tot Ion: 98 Resp: 1669314

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 50.300 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053684.D

Acq: 8 Feb 2019 16:25

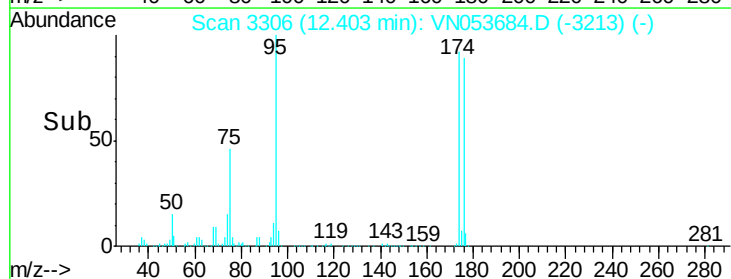
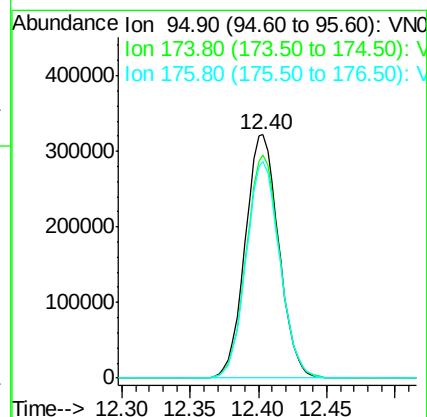
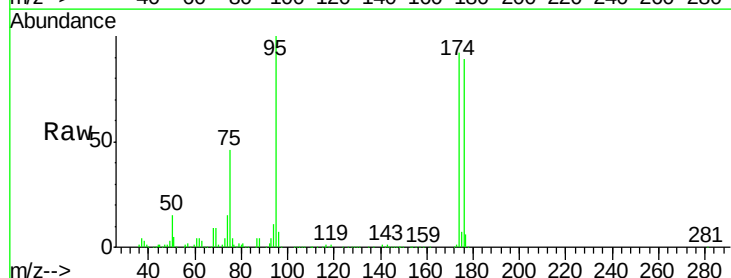
Tgt Ion: 95 Resp: 550464

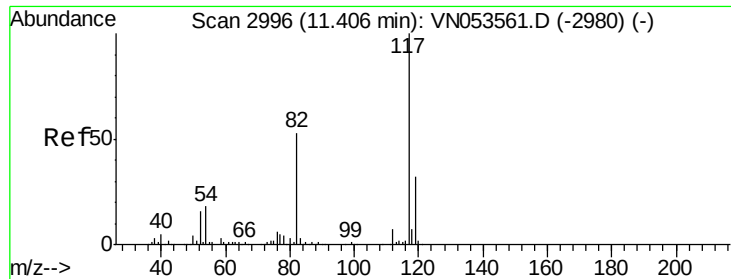
Ion Ratio Lower Upper

95 100

174 91.7 0.0 183.2

176 88.9 0.0 177.4

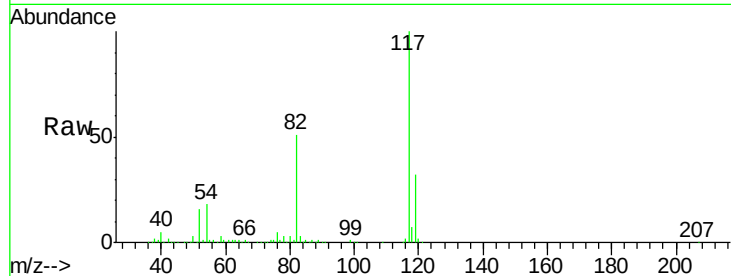




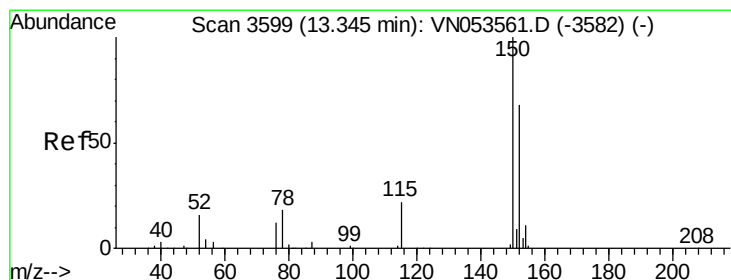
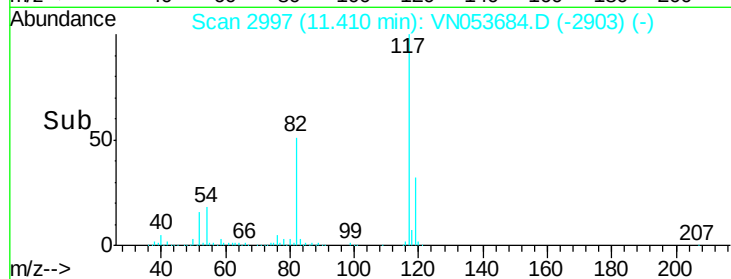
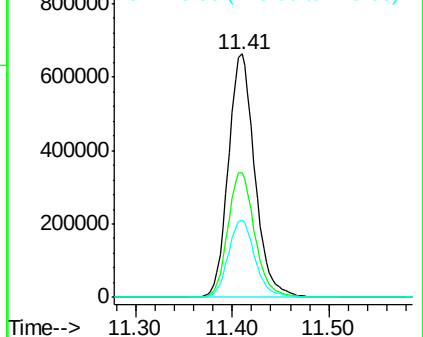
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053684.D
Acq: 8 Feb 2019 16:25

Instrument :
MSVOA_N
ClientSampleId :
OR-03-020719-A

Tot Ion:117 Resp: 1258180
Ion Ratio Lower Upper
117 100
82 51.3 42.9 64.3
119 32.0 26.0 39.0

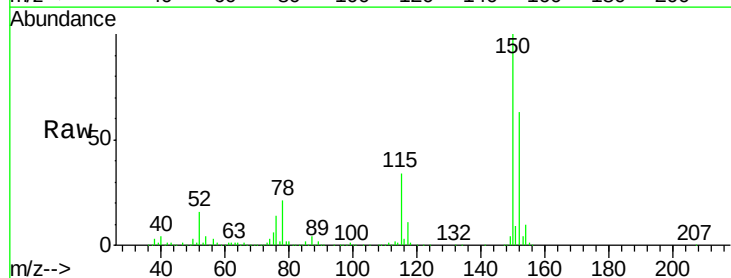


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

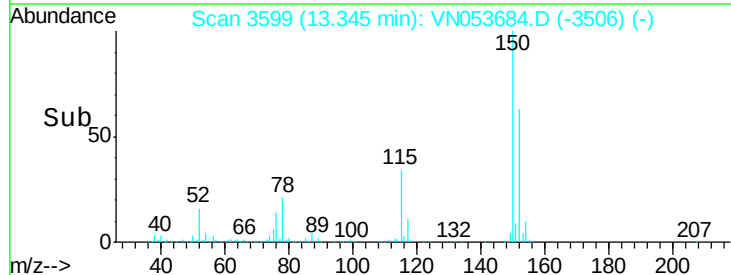
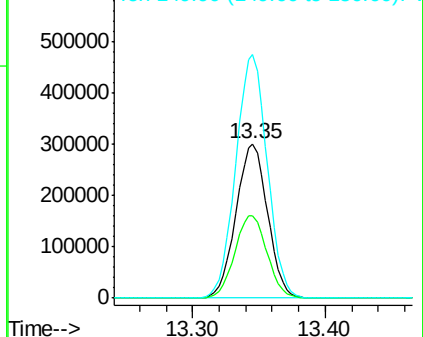


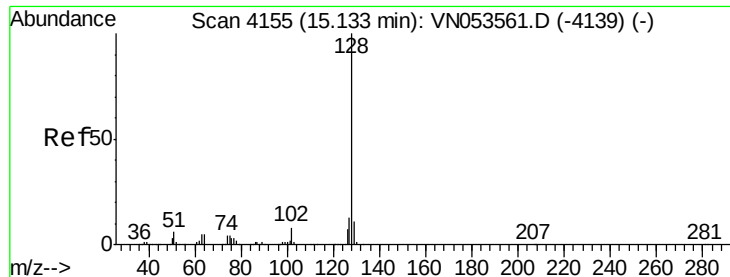
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053684.D
Acq: 8 Feb 2019 16:25

Tgt Ion:152 Resp: 495665
Ion Ratio Lower Upper
152 100
115 54.8 27.8 83.4
150 157.6 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: 2.943 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053684.D

Acq: 8 Feb 2019 16:25

Instrument :

MSVOA_N

ClientSampleId :

OR-03-020719-A

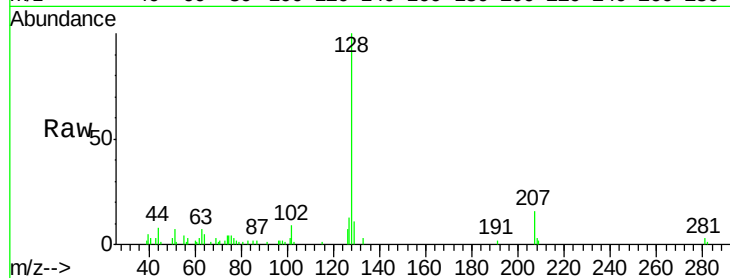
Tot Ion:128 Resp: 27229

Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

129 10.9 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

