

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020819\
 Data File : VN053683.D
 Acq On : 8 Feb 2019 15:58
 Operator : JC/SP
 Sample : K1348-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-020719

Quant Time: Feb 09 03:24:02 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	843582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1373686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1242407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	510769	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	438394	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	
35) Dibromofluoromethane	7.59	113	433711	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
50) Toluene-d8	10.09	98	1660830	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.40	95	549890	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	

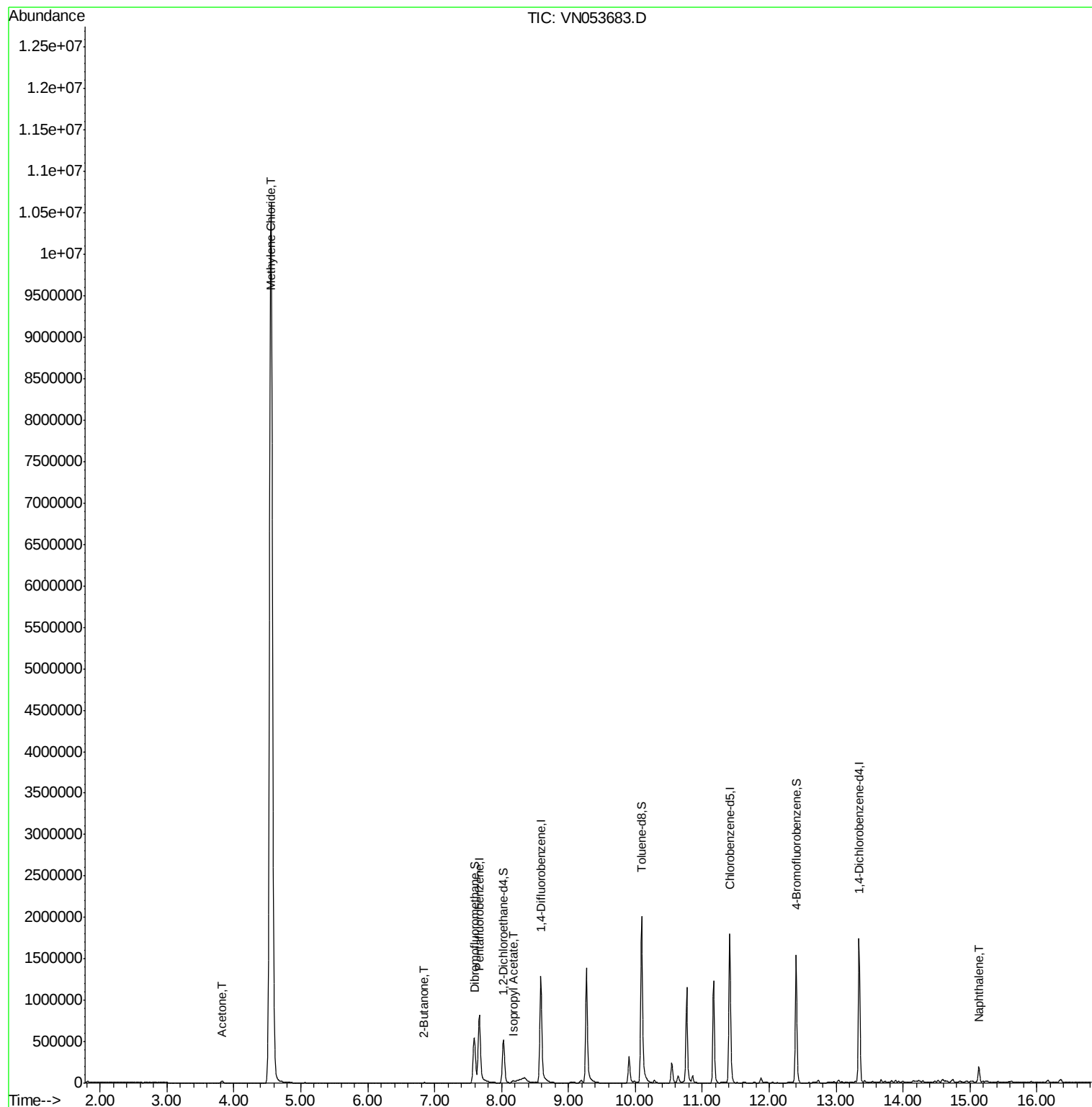
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	37456	17.255	ug/l	98
20) Methylene Chloride	4.55	84	8549704	938.801	ug/l	99
25) 2-Butanone	6.84	43	9552	3.085	ug/l	98
43) Isopropyl Acetate	8.17	43	35865	2.685	ug/l #	75
95) Naphthalene	15.13	128	156914	8.487	ug/l	99

(#) = 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: VN053683.D

Acq: 8 Feb 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

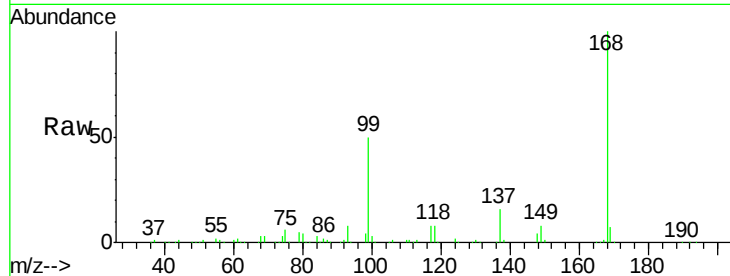
OK-01-020719

Tot Ion:168 Resp: 843582

Ion Ratio Lower Upper

168 100

99 49.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053561.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053561.D (-1813) (-)

7.67

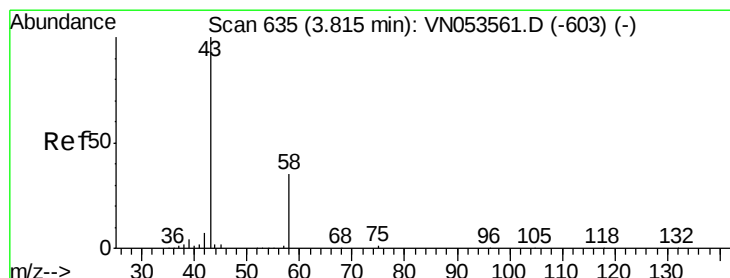
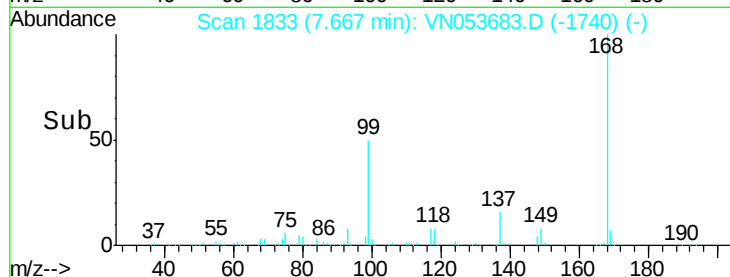
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 17.255 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053683.D

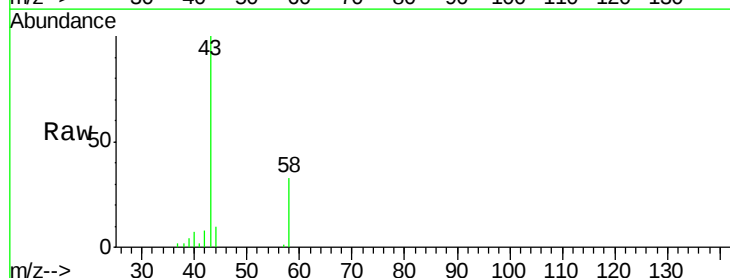
Acq: 8 Feb 2019 15:58

Tgt Ion: 43 Resp: 37456

Ion Ratio Lower Upper

43 100

58 32.9 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053561.D (-603) (-)

3.82

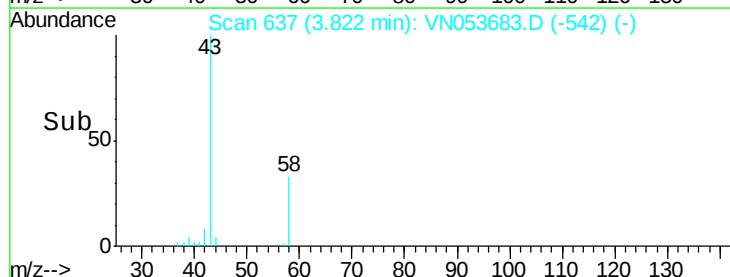
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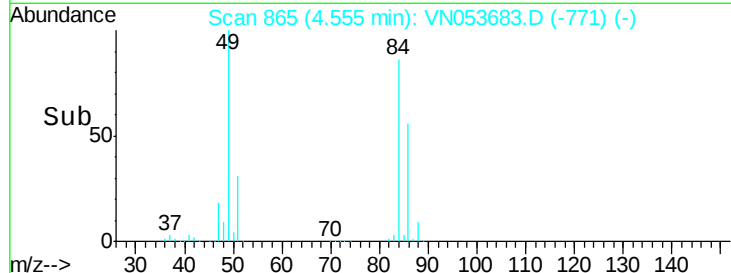
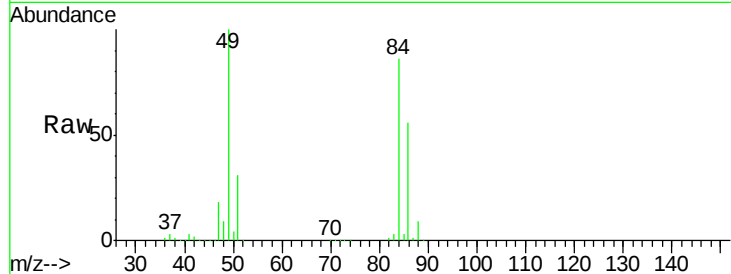
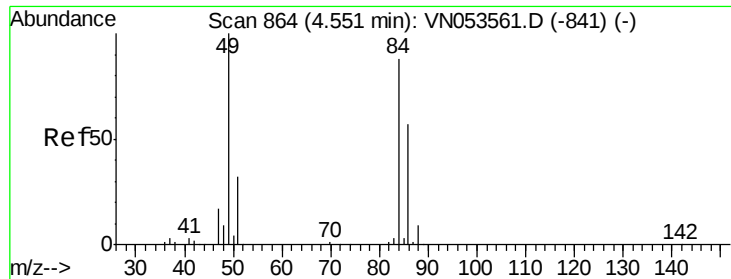
10000

5000

0

Time--> 3.70 3.80 3.90

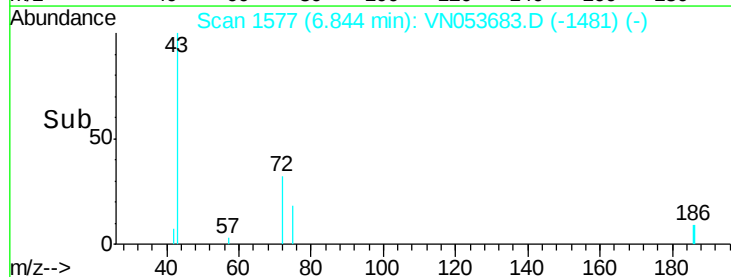
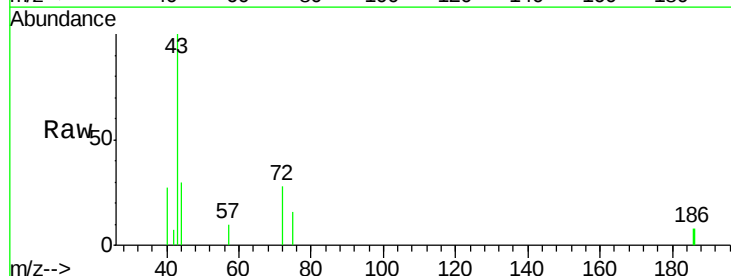
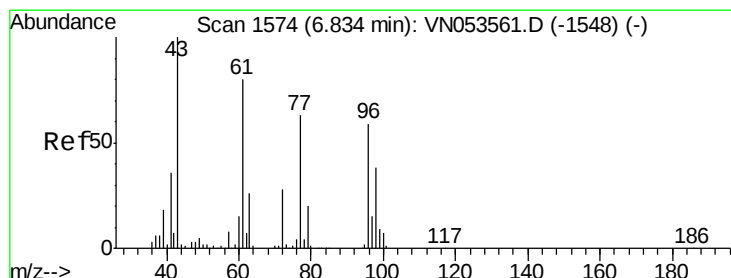
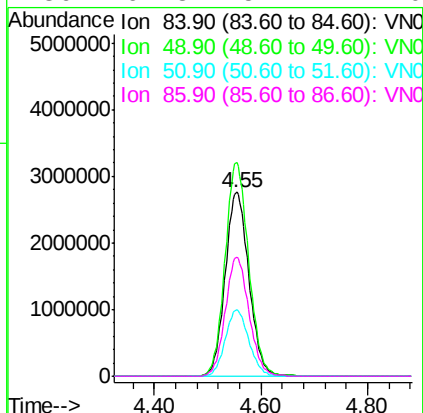




#20
Methvlene Chloride
Concen: 938.801 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053683.D
Acq: 8 Feb 2019 15:58

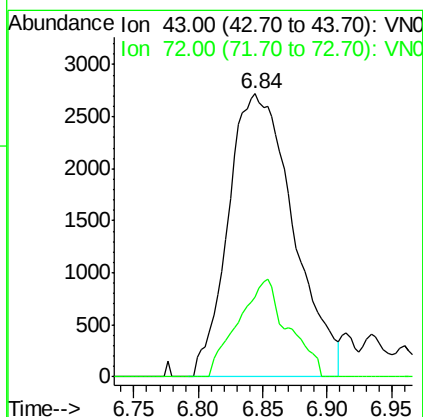
Instrument :
MSVOA_N
ClientSampleId :
OK-01-020719

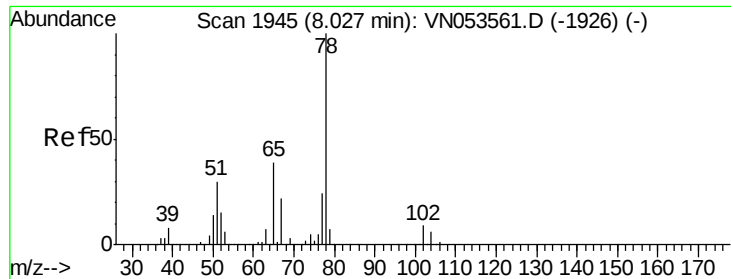
Tot Ion: 84 Resp: 8549704
Ion Ratio Lower Upper
84 100
49 116.0 94.3 141.5
51 36.1 29.4 44.2
86 64.8 51.4 77.0



#25
2-Butanone
Concen: 3.085 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053683.D
Acq: 8 Feb 2019 15:58

Tgt Ion: 43 Resp: 9552
Ion Ratio Lower Upper
43 100
72 28.4 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 51.803 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053683.D

Acq: 8 Feb 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

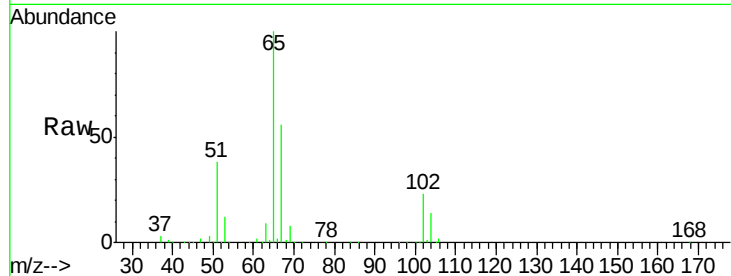
OK-01-020719

Tot Ion: 65 Resp: 438394

Ion Ratio Lower Upper

65 100

67 55.5 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN053683.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053683.D (-1852) (-)

8.03

200000

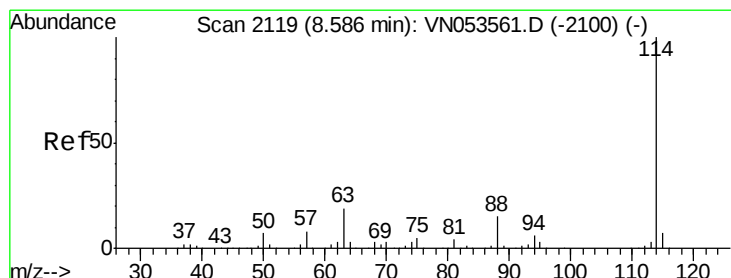
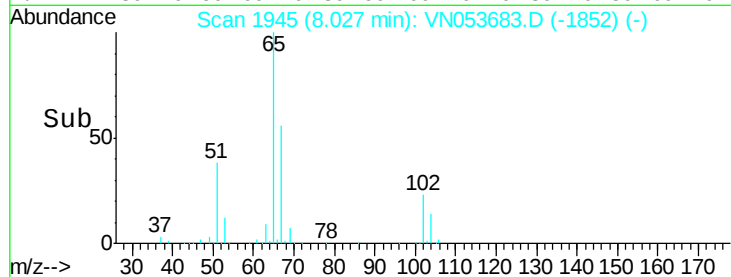
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053683.D

Acq: 8 Feb 2019 15:58

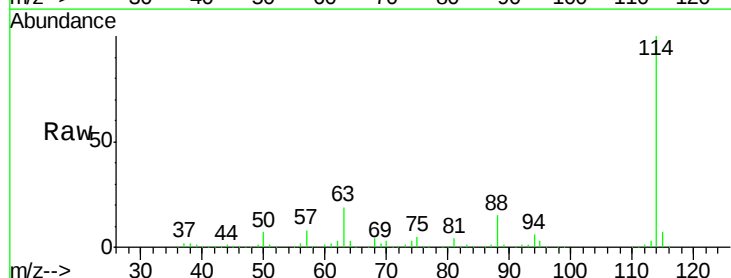
Tgt Ion: 114 Resp: 1373686

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

88 15.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053683.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053683.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053683.D (-2026) (-)

8.59

800000

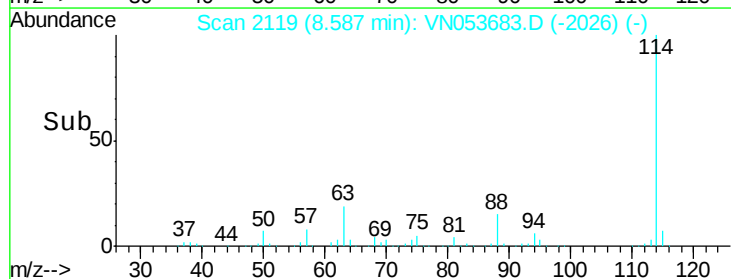
600000

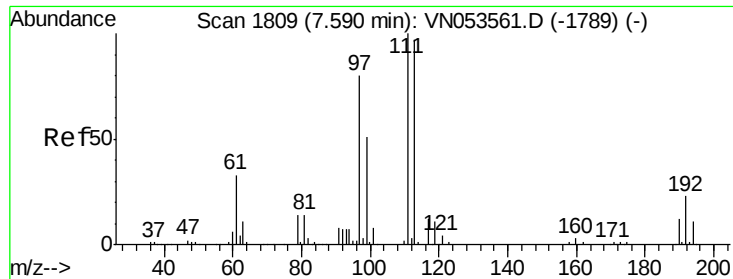
400000

200000

0

Time-->

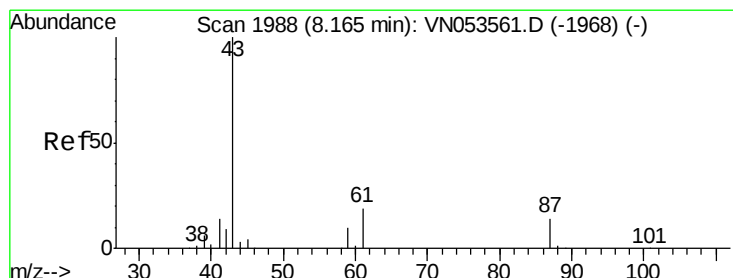
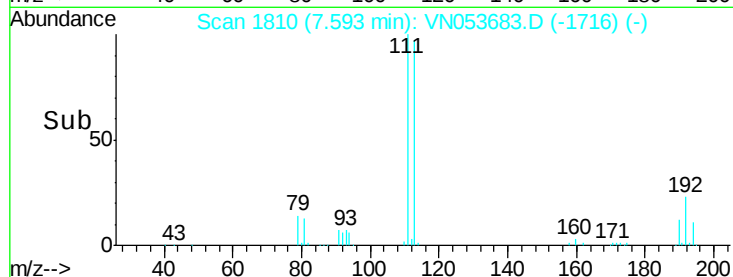
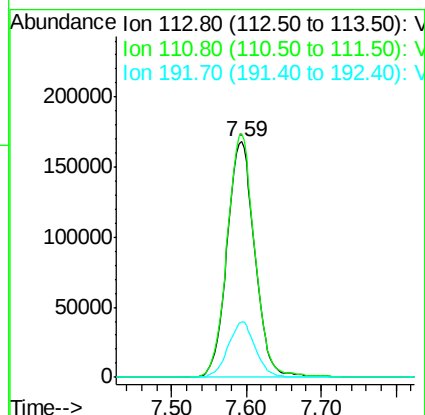
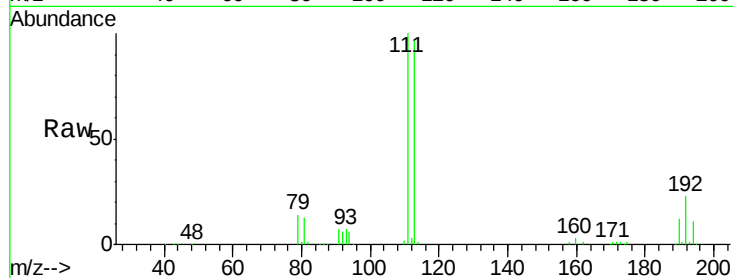




#35
 Dibromofluoromethane
 Concen: 49.967 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053683.D
 Acq: 8 Feb 2019 15:58

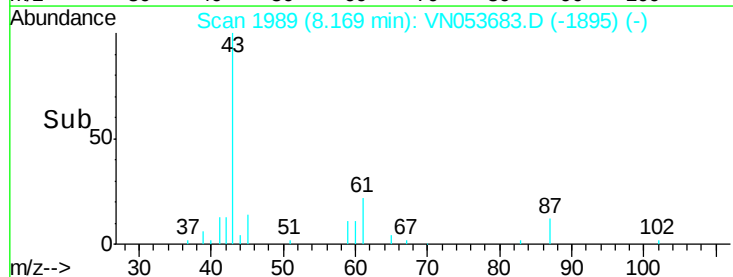
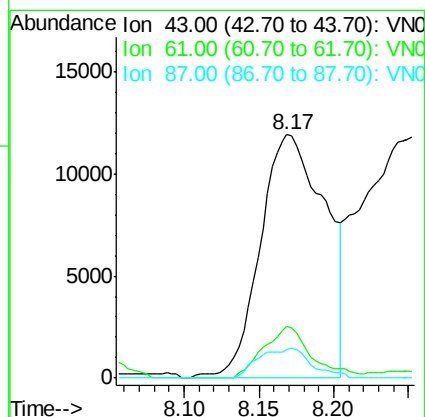
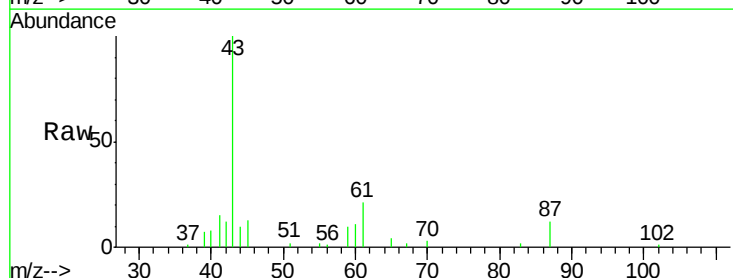
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-020719

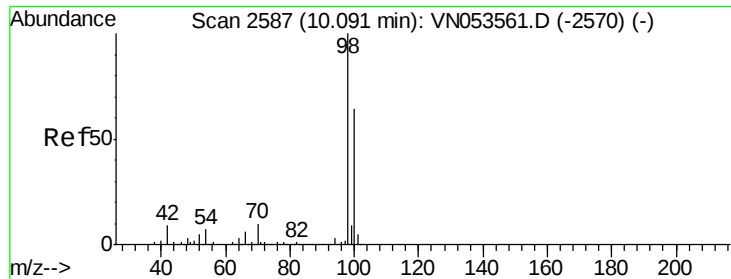
Tot Ion:113 Resp: 433711
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.1 121.7
 192 22.8 18.2 27.2



#43
 Isopropyl Acetate
 Concen: 2.685 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN053683.D
 Acq: 8 Feb 2019 15:58

Tgt Ion: 43 Resp: 35865
 Ion Ratio Lower Upper
 43 100
 61 15.6 23.9 35.9#
 87 4.3 11.0 16.6#





#50

Toluene-d8

Concen: 50.959 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053683.D

Acq: 8 Feb 2019 15:58

Instrument :

MSVOA_N

ClientSampled :

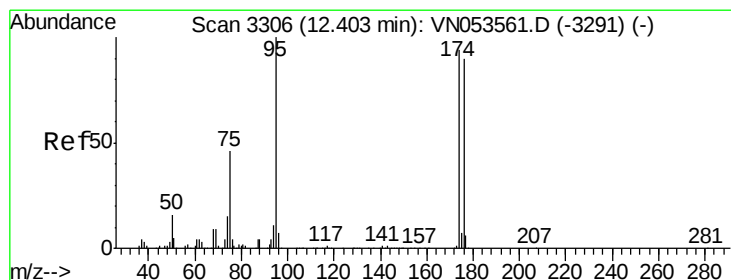
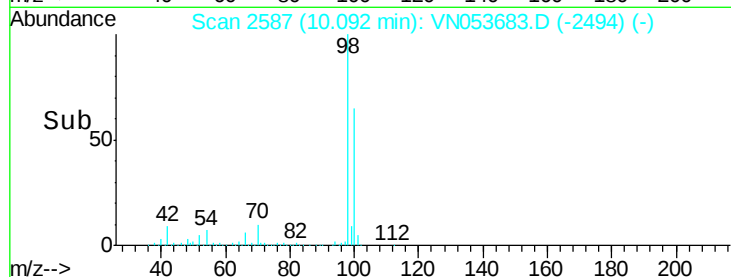
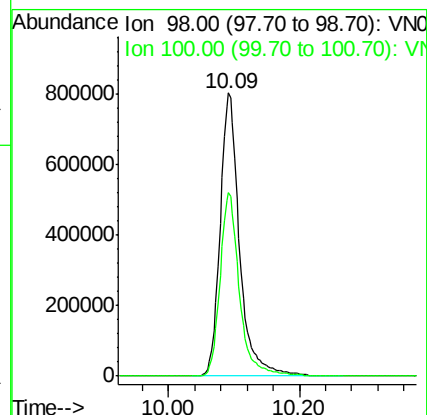
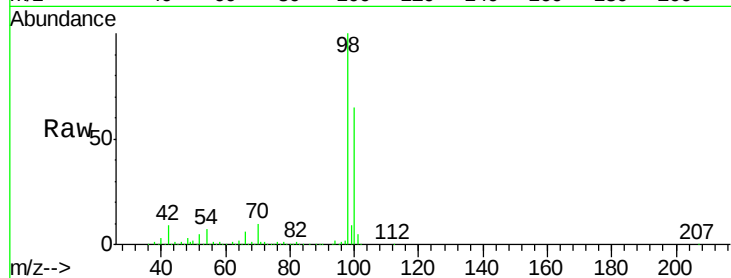
OK-01-020719

Tot Ion: 98 Resp: 1660830

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 50.589 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053683.D

Acq: 8 Feb 2019 15:58

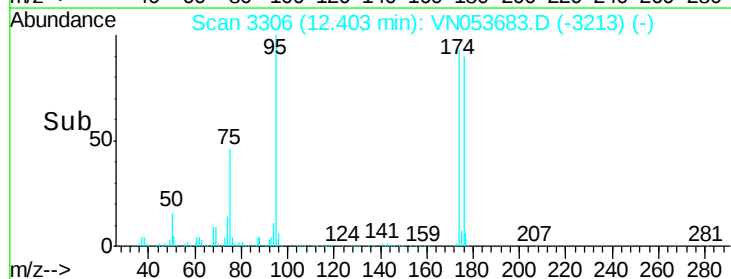
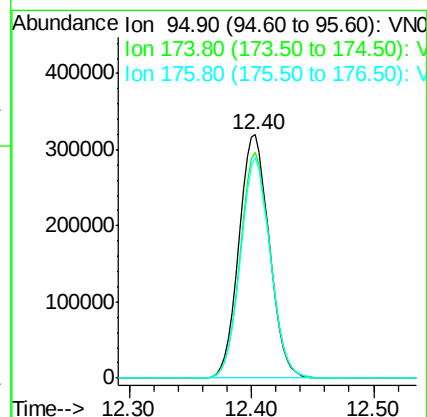
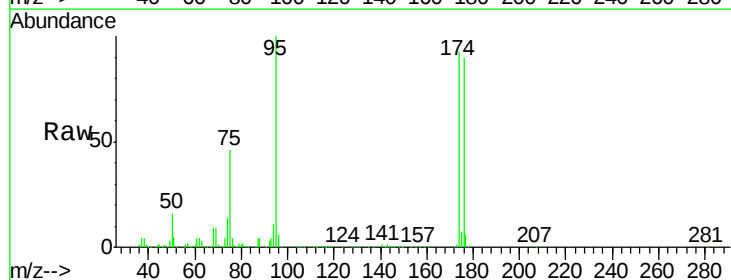
Tgt Ion: 95 Resp: 549890

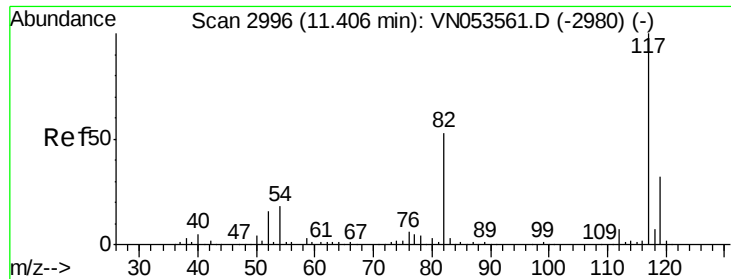
Ion Ratio Lower Upper

95 100

174 91.7 0.0 183.2

176 88.9 0.0 177.4

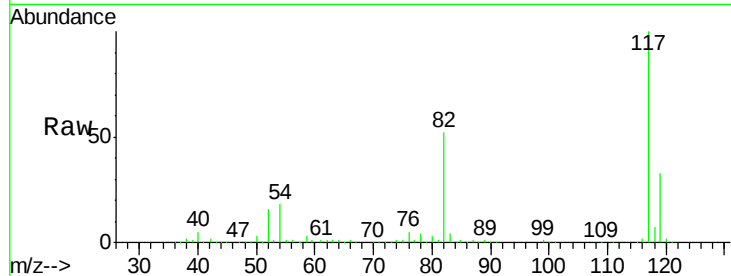




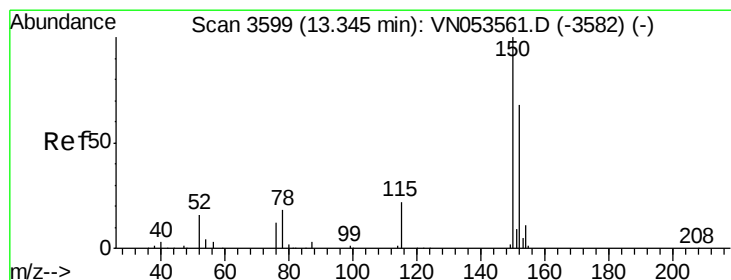
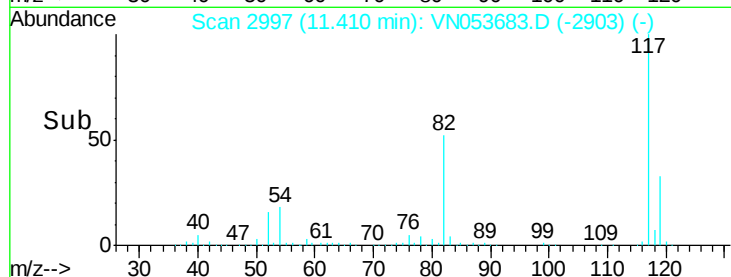
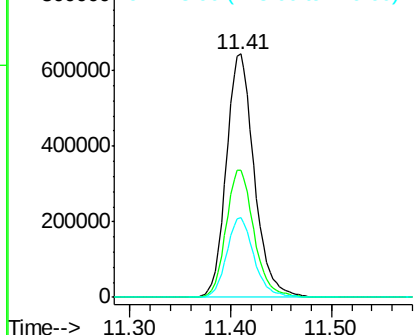
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053683.D
Acq: 8 Feb 2019 15:58

Instrument :
MSVOA_N
ClientSampled :
OK-01-020719

Tot Ion:117 Resp: 1242407
Ion Ratio Lower Upper
117 100
82 52.2 42.9 64.3
119 32.6 26.0 39.0

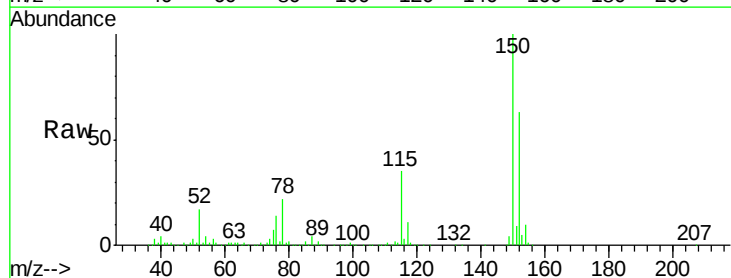


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

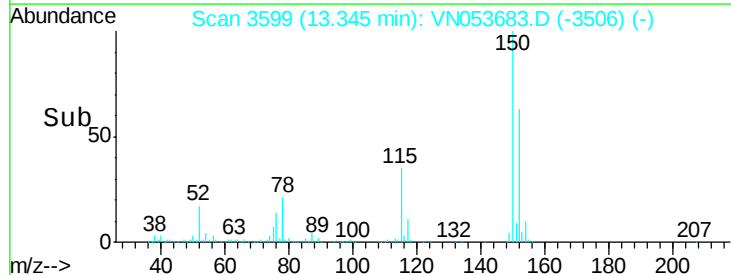
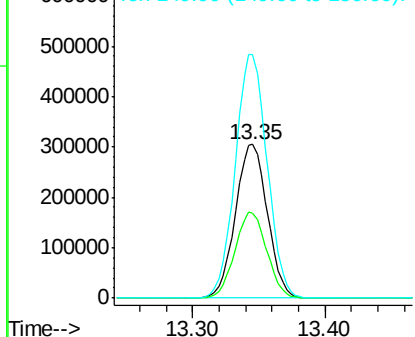


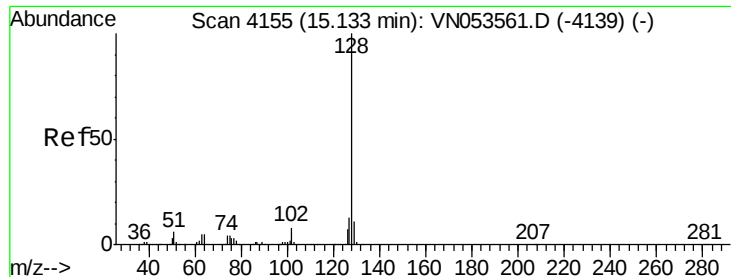
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053683.D
Acq: 8 Feb 2019 15:58

Tgt Ion:152 Resp: 510769
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.4
150 157.8 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: 8.487 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053683.D
Acq: 8 Feb 2019 15:58

Instrument :
MSVOA_N
ClientSampleId :
OK-01-020719

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.3	15.5
129	11.1	8.6	13.0

