

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020819\
 Data File : VN053685.D
 Acq On : 8 Feb 2019 16:51
 Operator : JC/SP
 Sample : K1349-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 09 03:27:45 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	870165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1423743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1290437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	544524	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	452115	51.79	ug/l	0.00
Spiked Amount						
			Recovery	=	103.58%	
35) Dibromofluoromethane	7.59	113	444812	49.44	ug/l	0.00
Spiked Amount						
			Recovery	=	98.88%	
50) Toluene-d8	10.09	98	1712989	50.71	ug/l	0.00
Spiked Amount						
			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.40	95	574744	51.02	ug/l	0.00
Spiked Amount						
			Recovery	=	102.04%	

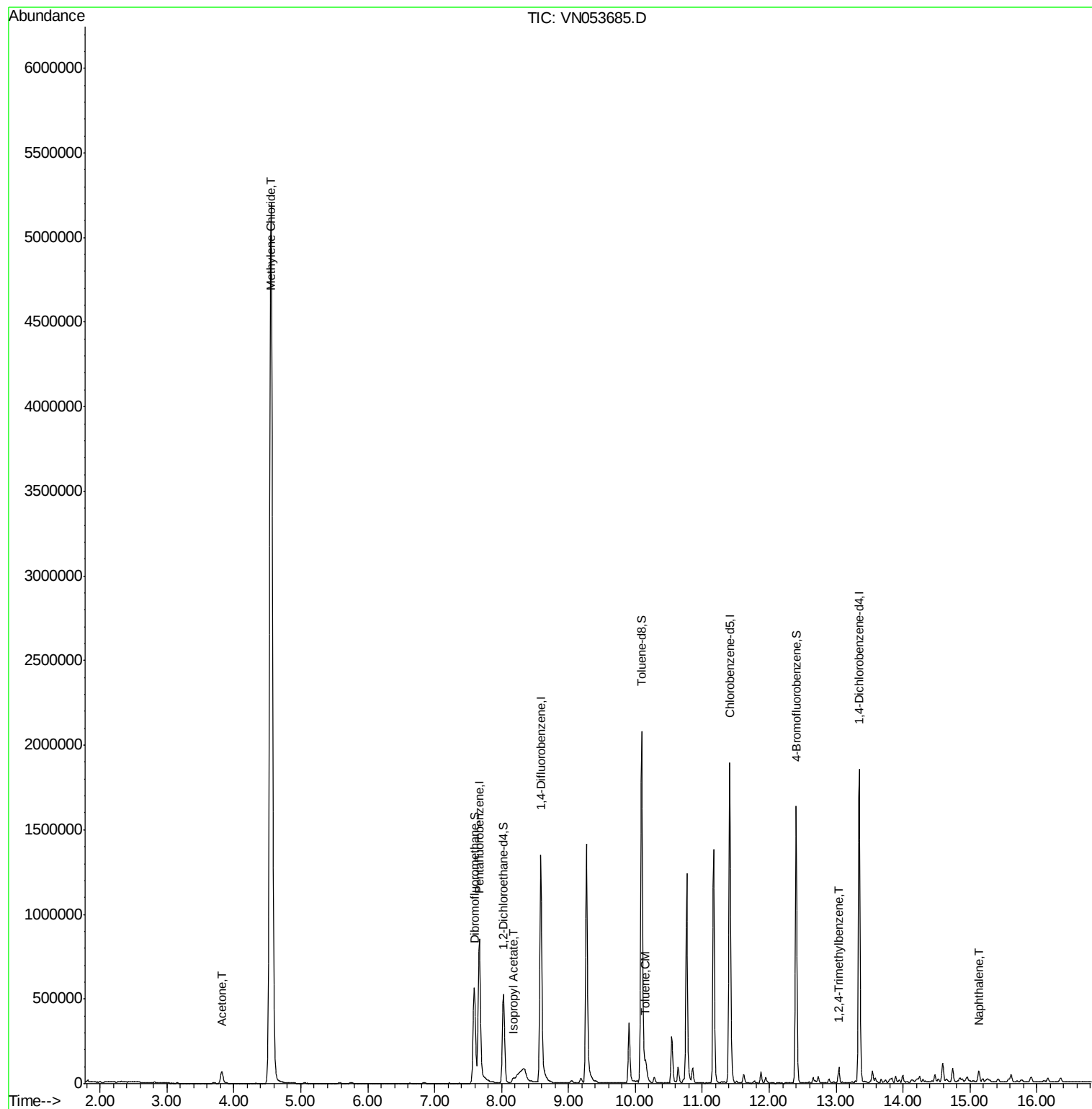
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	125217	55.922	ug/l	98
20) Methylene Chloride	4.55	84	4183297	445.315	ug/l	97
43) Isopropyl Acetate	8.17	43	35694	2.579	ug/l #	82
52) Toluene	10.16	92	35577	1.515	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	54511	1.686	ug/l	99
95) Naphthalene	15.13	128	60459	4.176	ug/l	99

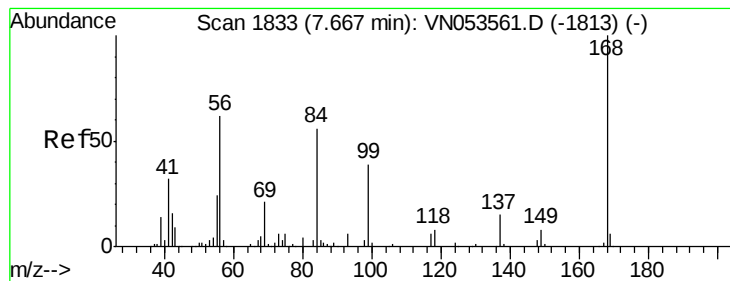
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053685.D

Acq: 8 Feb 2019 16:51

Instrument :

MSVOA_N

ClientSampleId :

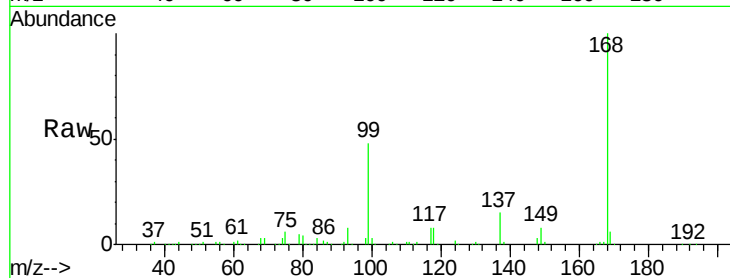
OR-03-020719-B

Tot Ion:168 Resp: 870165

Ion Ratio Lower Upper

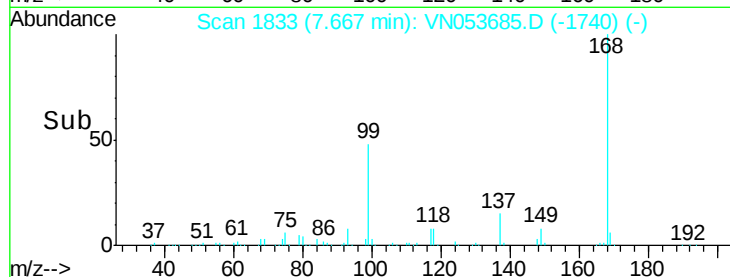
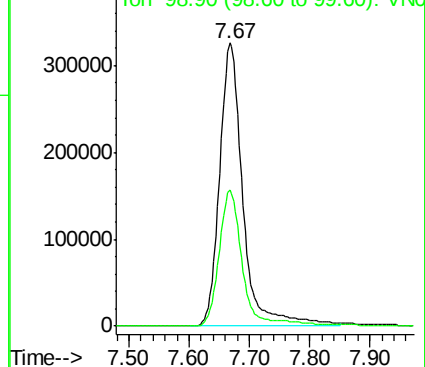
168 100

99 47.9 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: 55.922 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053685.D

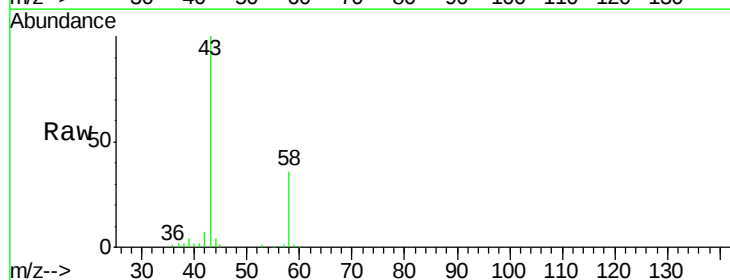
Acq: 8 Feb 2019 16:51

Tgt Ion: 43 Resp: 125217

Ion Ratio Lower Upper

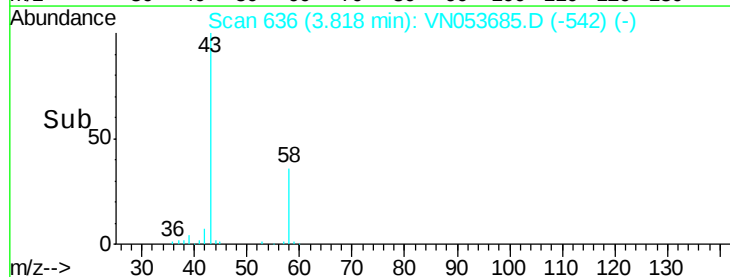
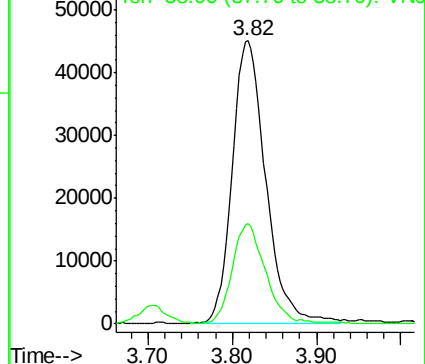
43 100

58 35.2 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: 445.315 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053685.D

Acq: 8 Feb 2019 16:51

Instrument :

MSVOA_N

ClientSampleId :

OR-03-020719-B

Tot Ion: 84 Resp: 4183297

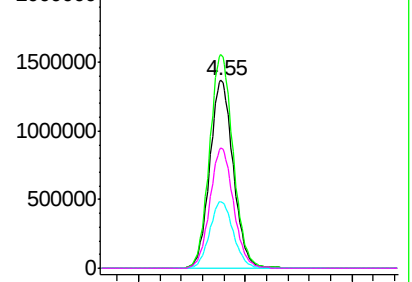
Ion	Ratio	Lower	Upper
84	100		
49	113.6	94.3	141.5
51	35.4	29.4	44.2
86	64.1	51.4	77.0

Abundance Ion 83.90 (83.60 to 84.60): VNC

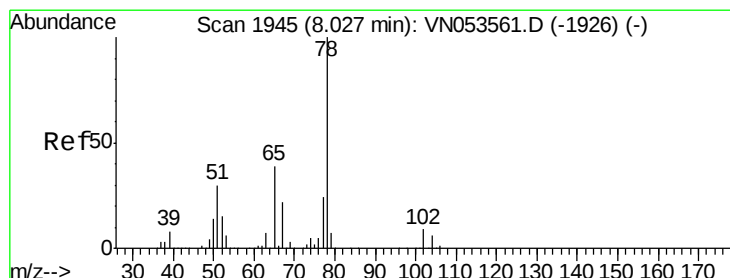
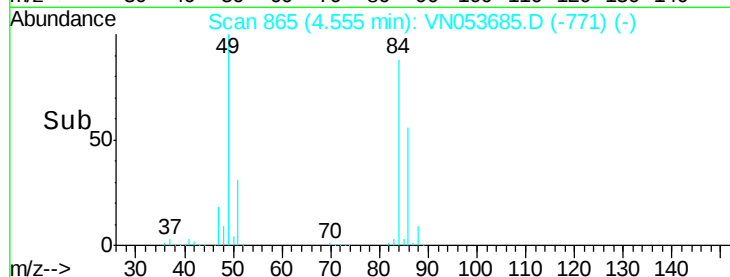
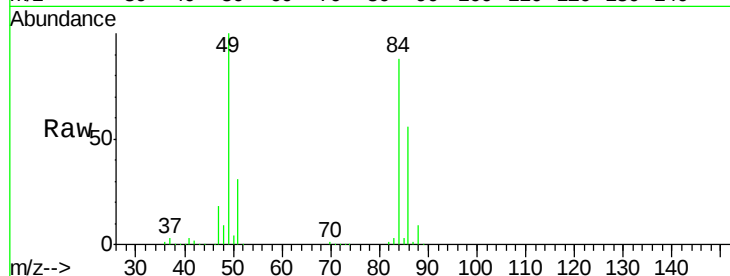
Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.792 ug/l

RT: 8.03 min Scan# 1945

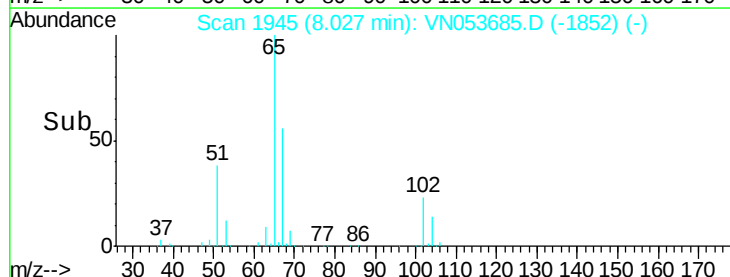
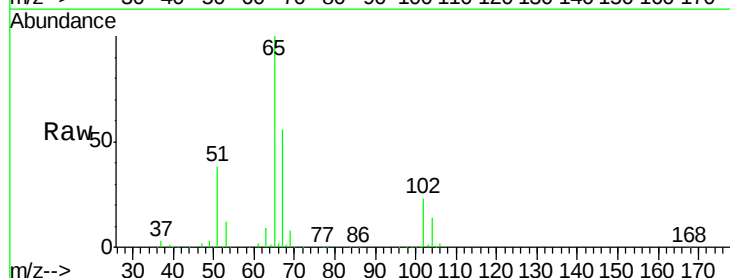
Delta R.T. 0.00 min

Lab File: VN053685.D

Acq: 8 Feb 2019 16:51

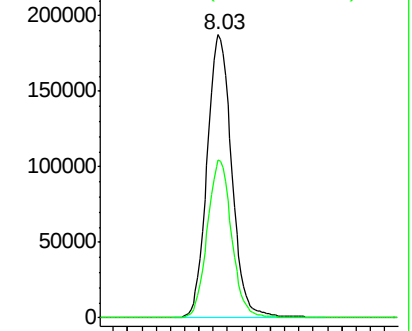
Tgt Ion: 65 Resp: 452115

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	111.2



Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053685.D

Acq: 8 Feb 2019 16:51

Instrument :

MSVOA_N

ClientSampleId :

OR-03-020719-B

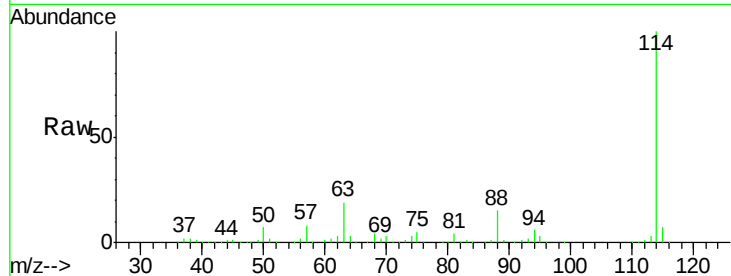
Tot Ion:114 Resp: 1423743

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.6

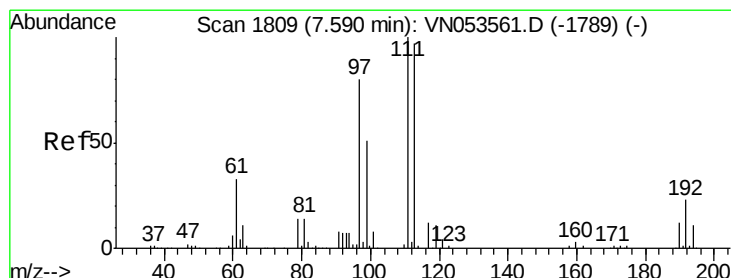
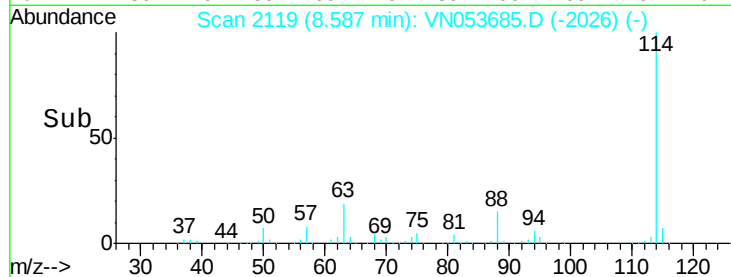
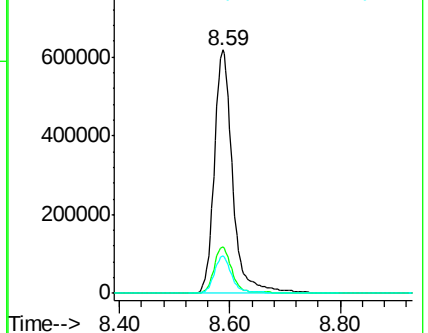
88 15.3 0.0 30.4



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: 49.444 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053685.D

Acq: 8 Feb 2019 16:51

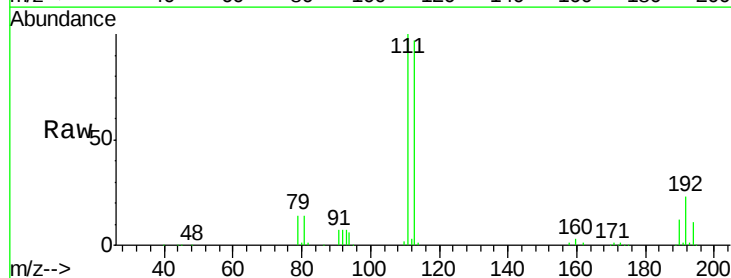
Tgt Ion:113 Resp: 444812

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

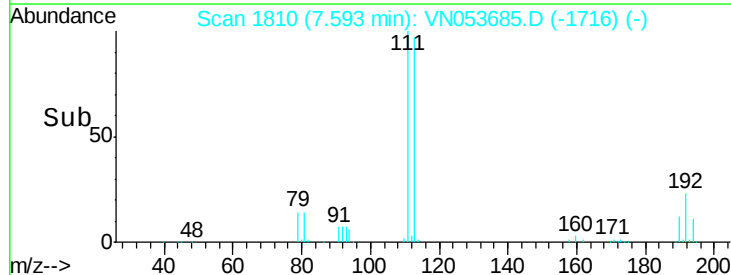
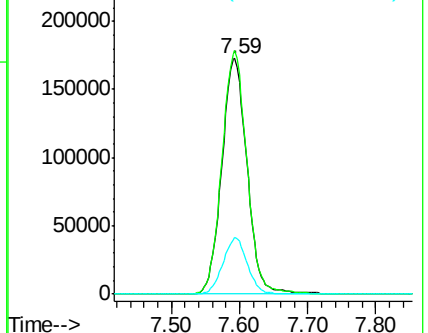
192 23.1 18.2 27.2

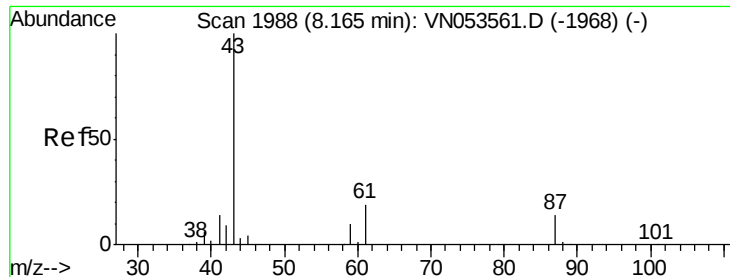


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.579 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053685.D

Acq: 8 Feb 2019 16:51

Instrument :

MSVOA_N

ClientSampleId :

OR-03-020719-B

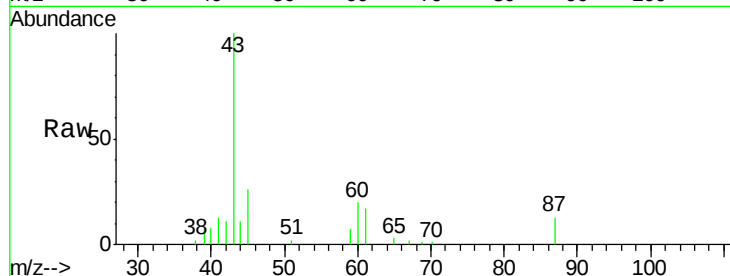
Tot Ion: 43 Resp: 35694

Ion Ratio Lower Upper

43 100

61 17.6 23.9 35.9#

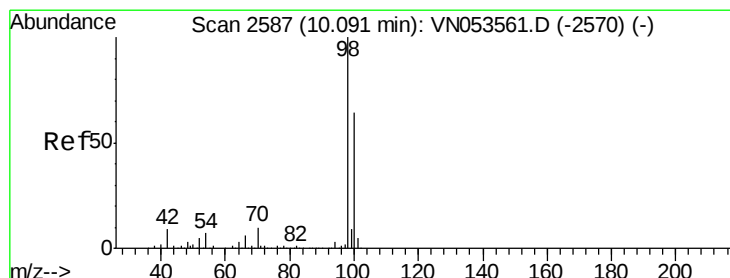
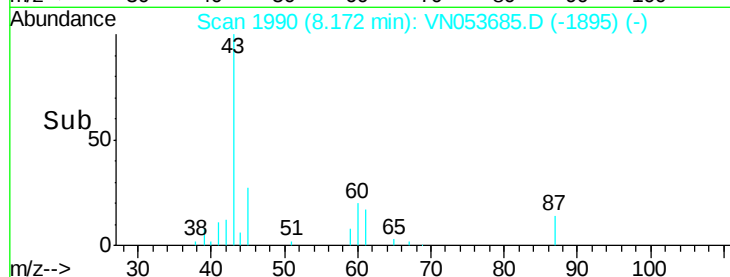
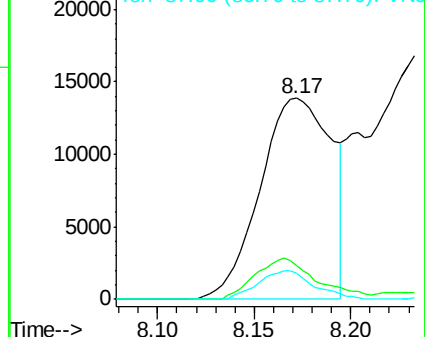
87 11.0 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN053561.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN053561.D (-1968) (-)



#50

Toluene-d8

Concen: 50.712 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053685.D

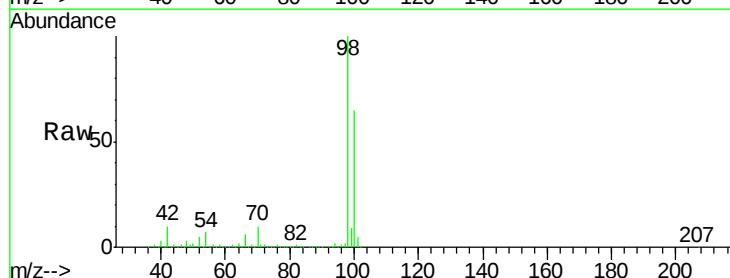
Acq: 8 Feb 2019 16:51

Tgt Ion: 98 Resp: 1712989

Ion Ratio Lower Upper

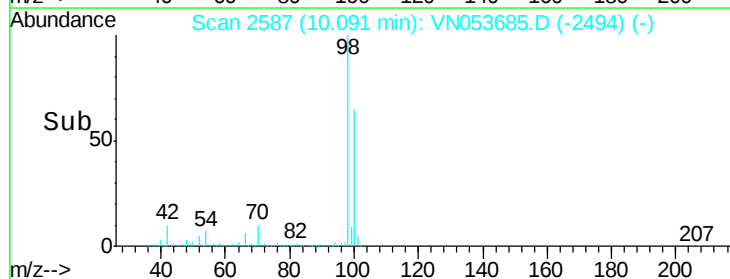
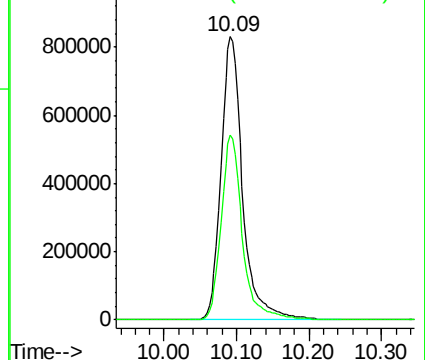
98 100

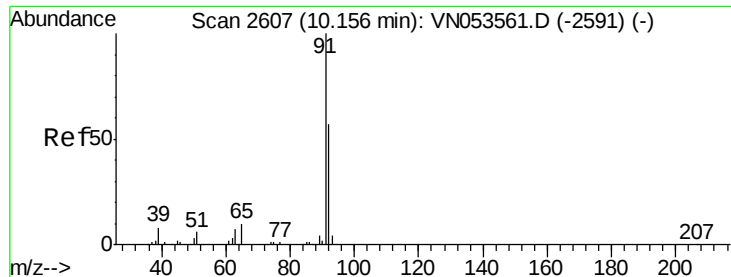
100 64.3 51.4 77.0



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

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





#52

Toluene

Concen: 1.515 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN053685.D

Acq: 8 Feb 2019 16:51

Instrument :

MSVOA_N

ClientSampleId :

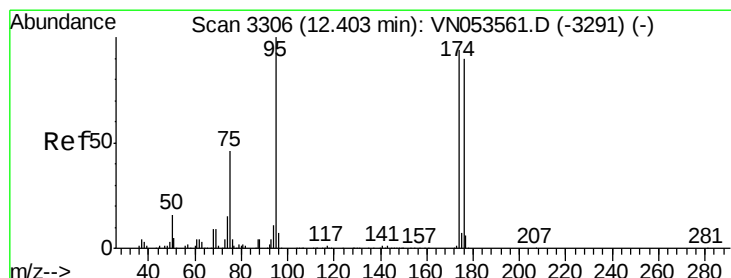
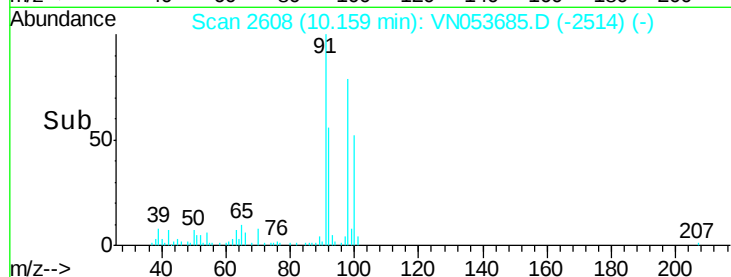
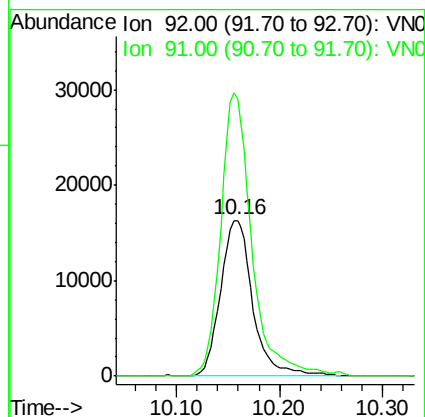
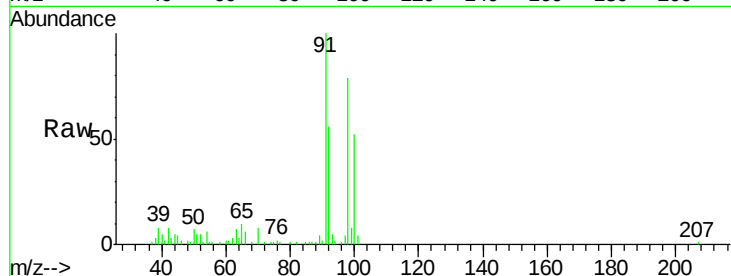
OR-03-020719-B

Tot Ion: 92 Resp: 35577

Ion Ratio Lower Upper

92 100

91 174.7 139.9 209.9



#62

4-Bromofluorobenzene

Concen: 51.016 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053685.D

Acq: 8 Feb 2019 16:51

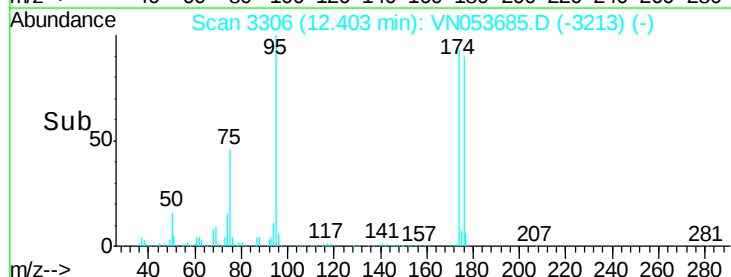
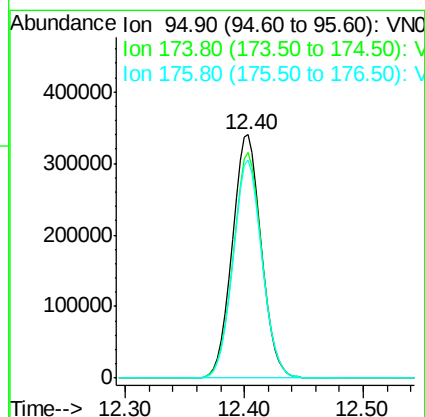
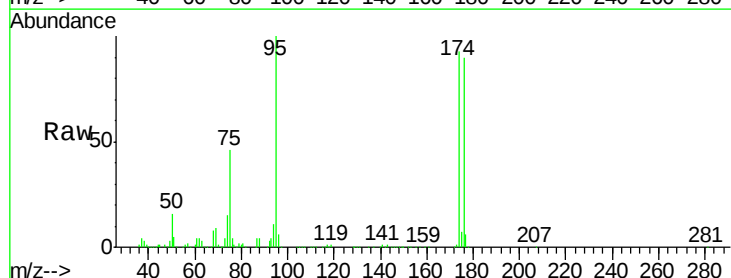
Tgt Ion: 95 Resp: 574744

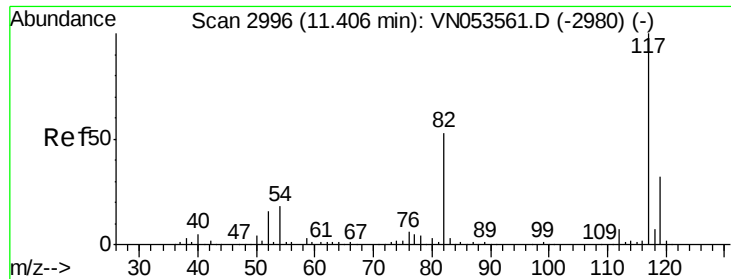
Ion Ratio Lower Upper

95 100

174 92.1 0.0 183.2

176 89.1 0.0 177.4

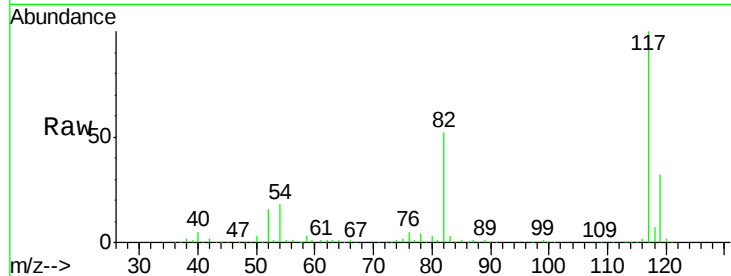




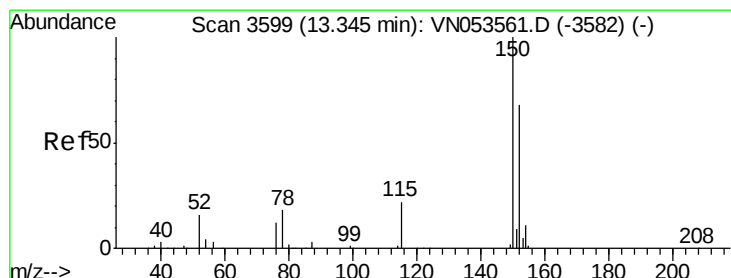
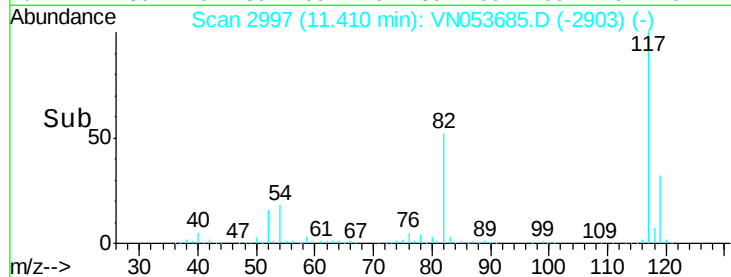
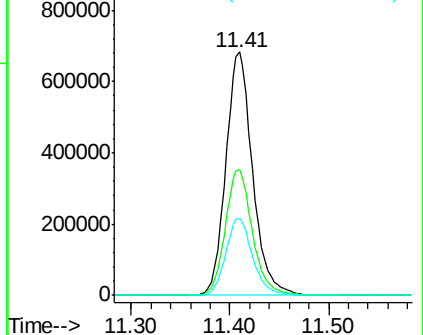
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

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

Tot Ion:117 Resp: 1290437
Ion Ratio Lower Upper
117 100
82 51.9 42.9 64.3
119 31.9 26.0 39.0

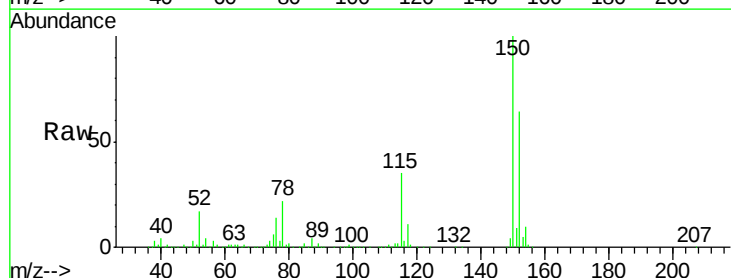


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

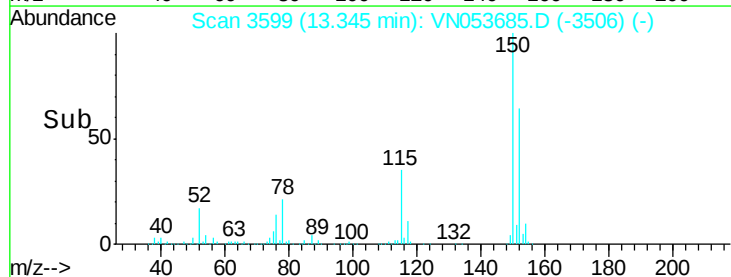
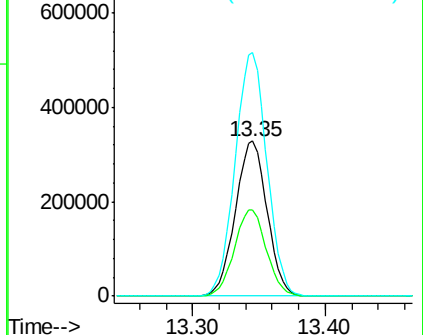


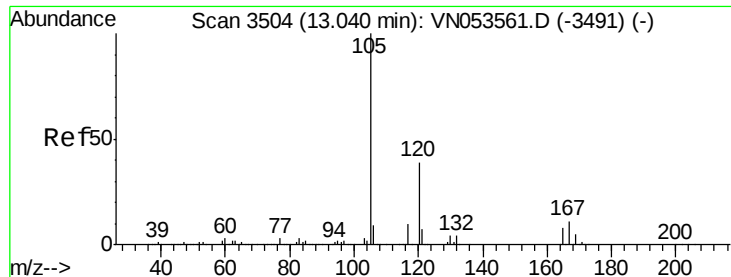
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion:152 Resp: 544524
Ion Ratio Lower Upper
152 100
115 56.3 27.8 83.4
150 158.0 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





#84

1,2,4-Trimethylbenzene

Concen: 1.686 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053685.D

Acq: 8 Feb 2019 16:51

Instrument :

MSVOA_N

ClientSampleId :

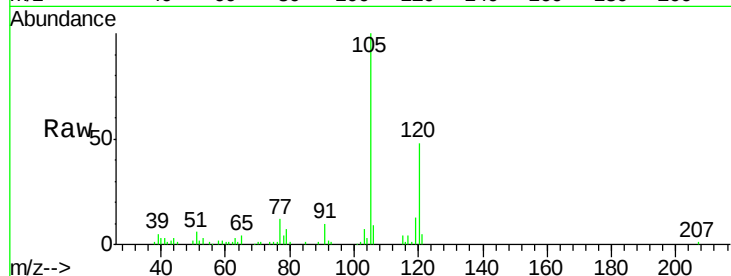
OR-03-020719-B

Tot Ion:105 Resp: 54511

Ion Ratio Lower Upper

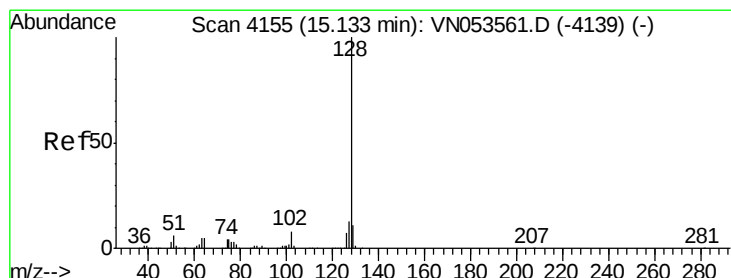
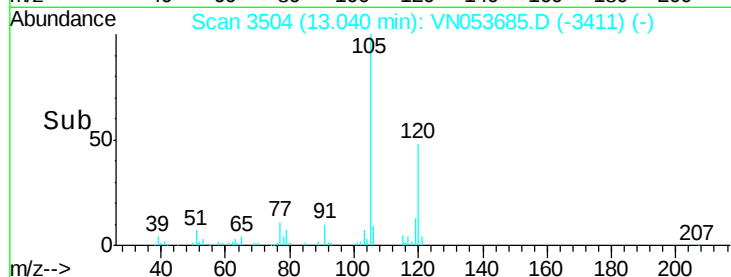
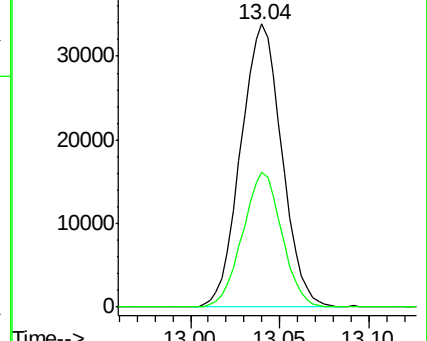
105 100

120 45.5 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 4.176 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053685.D

Acq: 8 Feb 2019 16:51

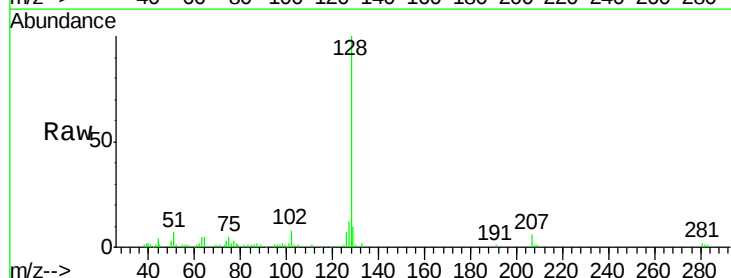
Tgt Ion:128 Resp: 60459

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.3 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

