

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110118\
 Data File : VN052105.D
 Acq On : 1 Nov 2018 16:15
 Operator : MD\SY
 Sample : J5788-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE-(OCT)

Quant Time: Nov 02 09:31:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 02 05:39:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	58228	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	343237	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	299757	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	139412	32.26	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	107.53%
60) 4-Bromofluorobenzene	12.40	95	132231	27.58	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.93%
63) Toluene-d8	10.09	98	422611	29.98	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.93%

Target Compounds

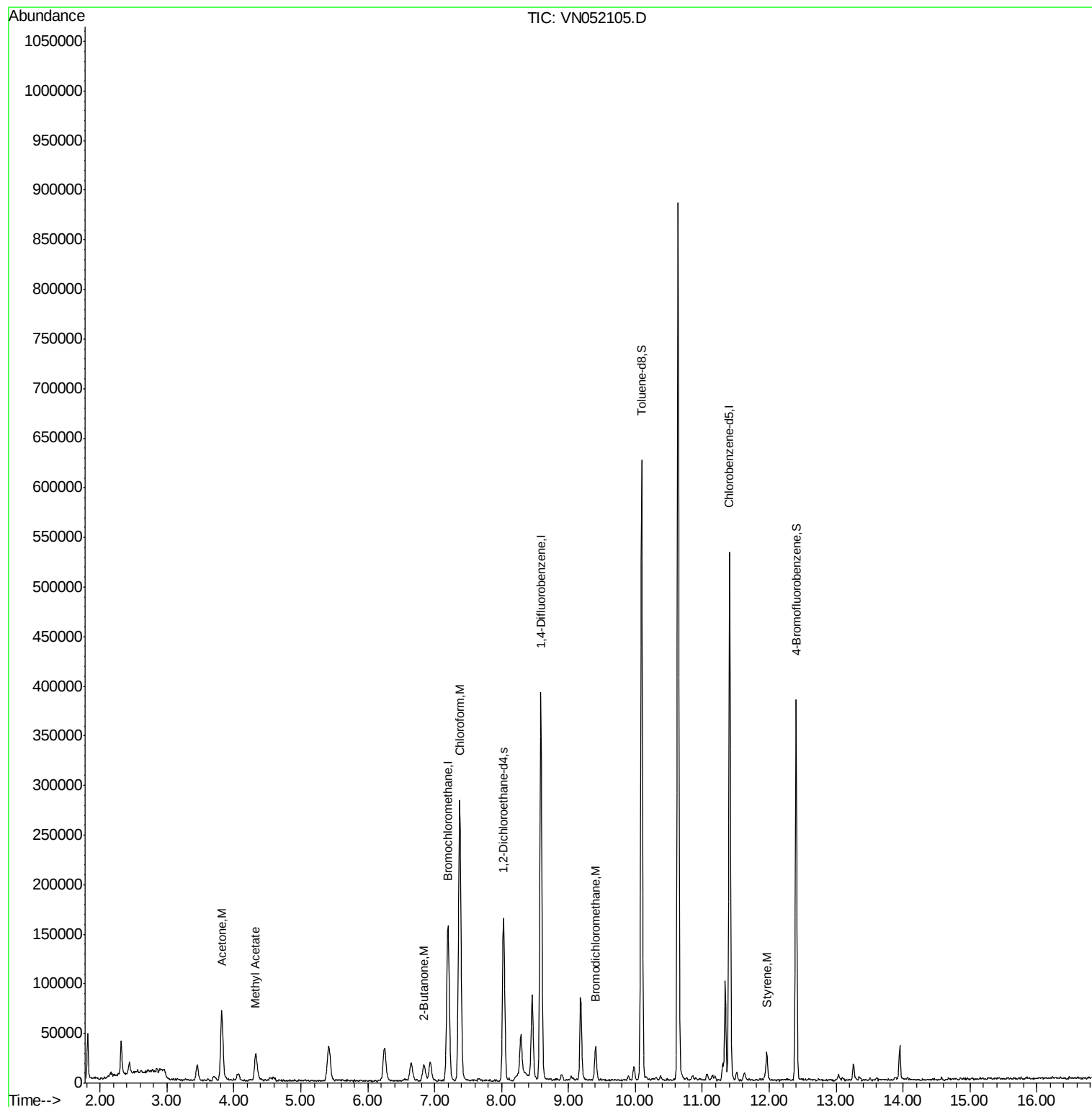
					Qvalue
12) Methyl Acetate	4.33	43	52648	19.425	ug/l 99
15) Acetone	3.82	58	36407	128.161	ug/l 84
25) Chloroform	7.38	83	294942	42.307	ug/l 95
30) 2-Butanone	6.84	43	27337	18.837	ug/l # 91
41) Bromodichloromethane	9.40	83	22008	4.109	ug/l # 97
69) Styrene	11.97	104	12531	1.166	ug/l # 85

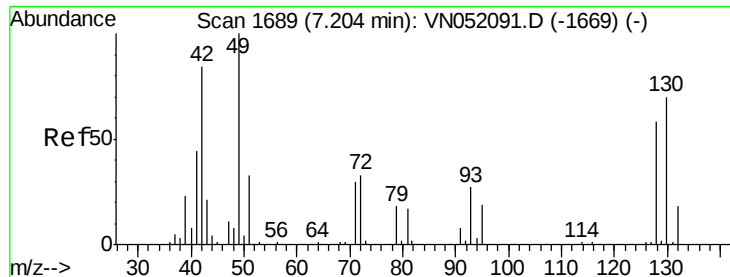
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110118\
Data File : VN052105.D
Acq On : 1 Nov 2018 16:15
Operator : MD\SY
Sample : J5788-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE-(OCT)

Quant Time: Nov 02 09:31:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 02 05:39:38 2018
Response via : Initial Calibration

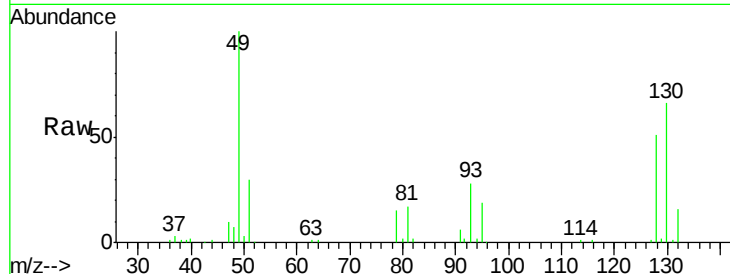




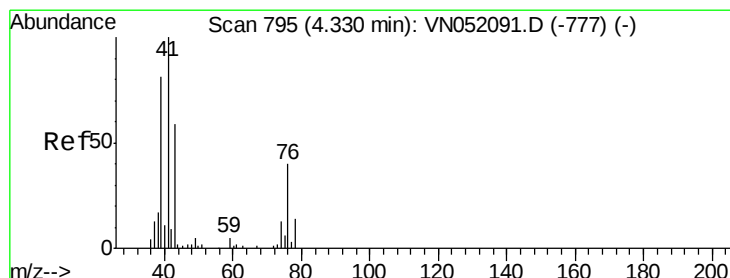
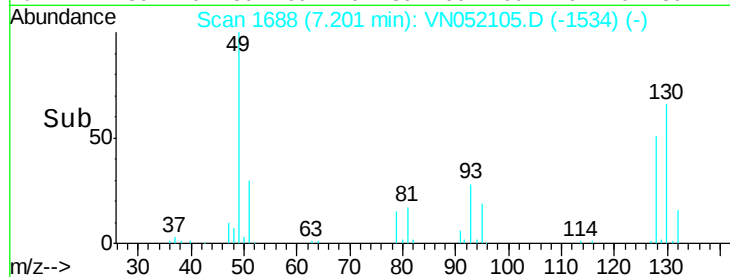
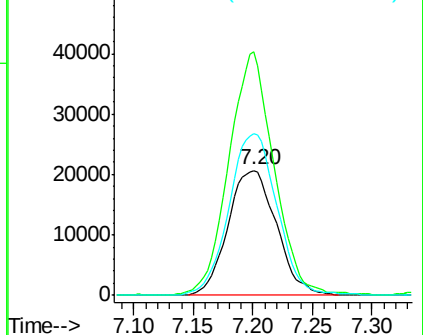
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.20 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: VN052105.D
 Acq: 1 Nov 2018 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE-(OCT)

Tgt Ion:128 Resp: 58228
 Ion Ratio Lower Upper
 128 100
 49 181.1 0.0 453.7
 130 128.6 0.0 308.8

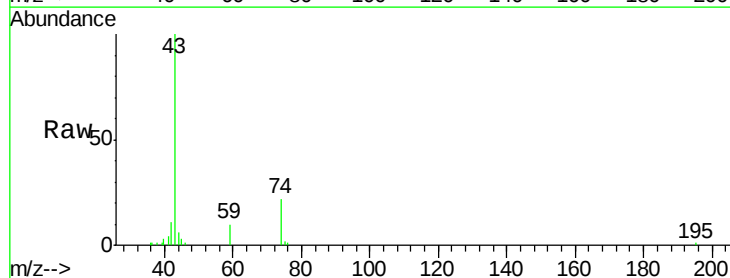


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

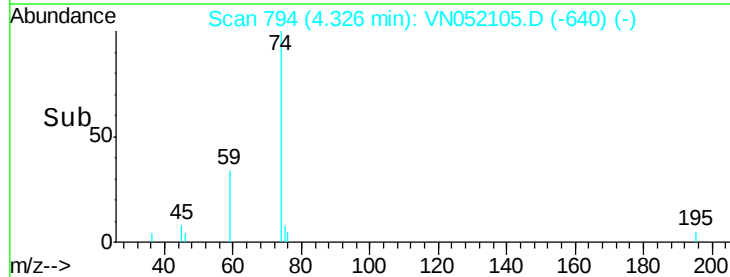
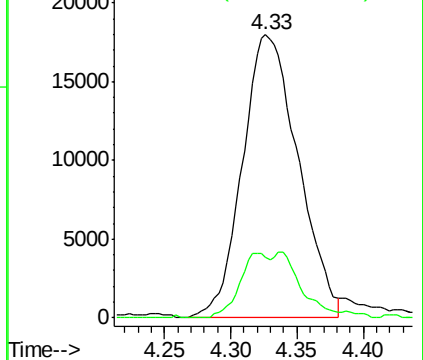


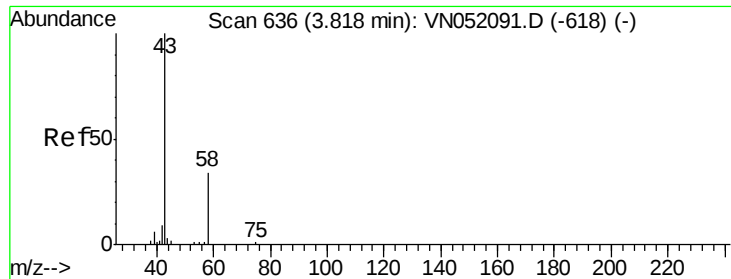
#12
 Methyl Acetate
 Concen: 19.425 ug/l
 RT: 4.33 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: VN052105.D
 Acq: 1 Nov 2018 16:15

Tgt Ion: 43 Resp: 52648
 Ion Ratio Lower Upper
 43 100
 74 21.3 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN
 Ion 74.00 (73.70 to 74.70): VN





#15

Acetone

Concen: 128.161 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN052105.D

Acq: 1 Nov 2018 16:15

Instrument :

MSVOA_N

ClientSampleId :

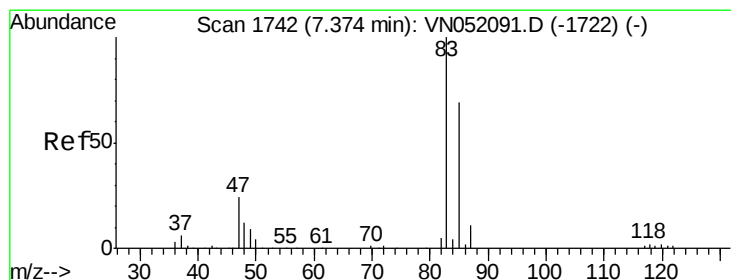
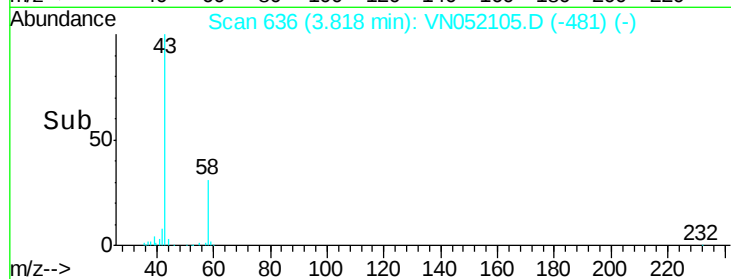
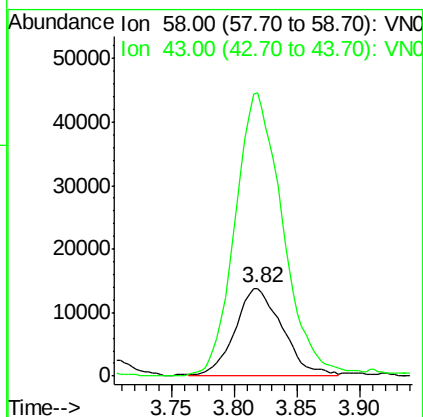
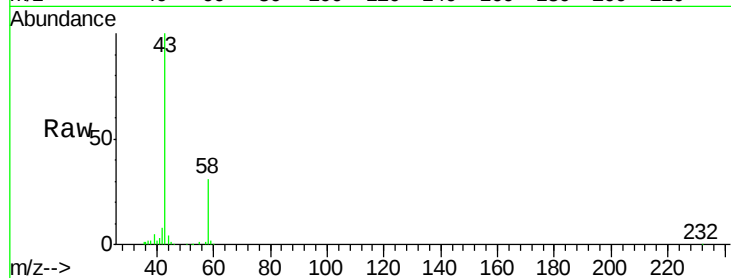
002M-35TH-AVE-(OCT)

Tgt Ion: 58 Resp: 36407

Ion Ratio Lower Upper

58 100

43 325.2 234.7 352.1



#25

Chloroform

Concen: 42.307 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VN052105.D

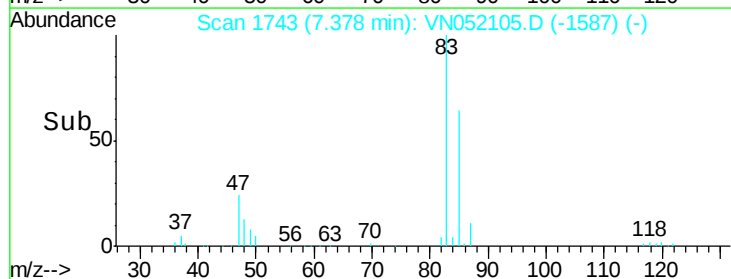
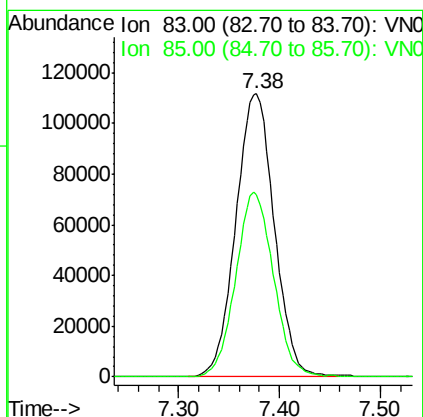
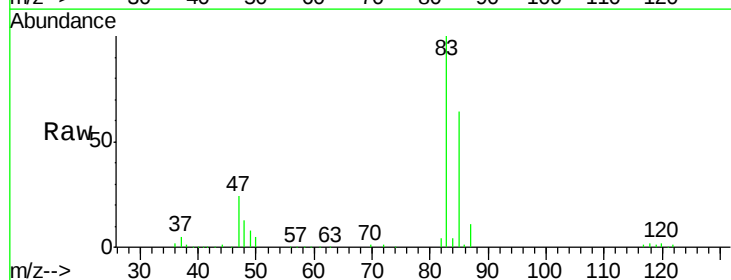
Acq: 1 Nov 2018 16:15

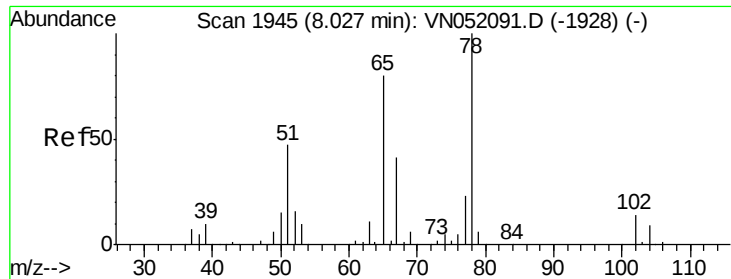
Tgt Ion: 83 Resp: 294942

Ion Ratio Lower Upper

83 100

85 64.2 54.9 82.3

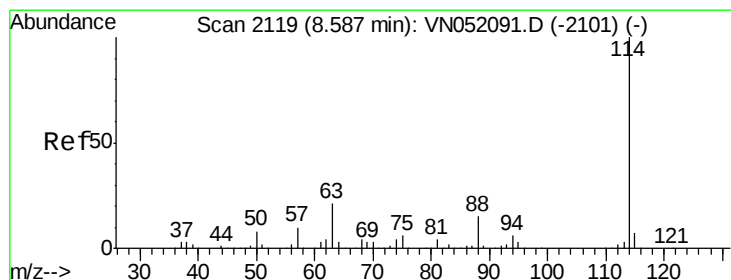
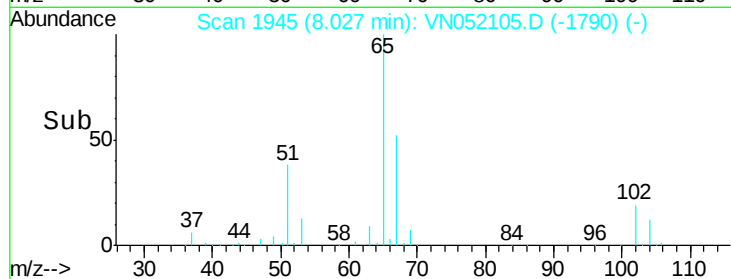
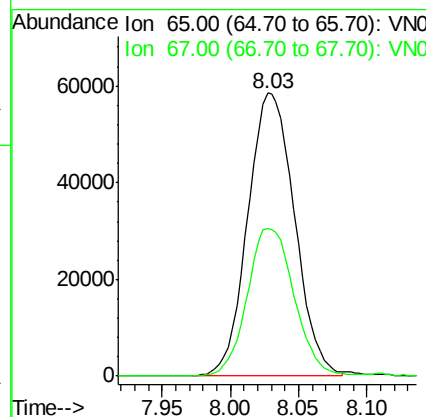
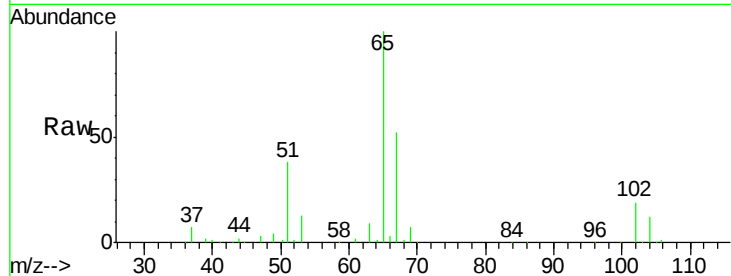




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052105.D
 Acq: 1 Nov 2018 16:15

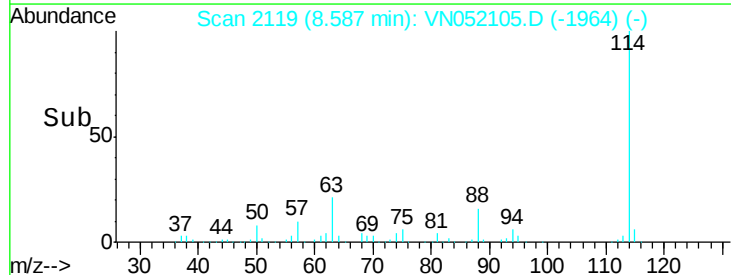
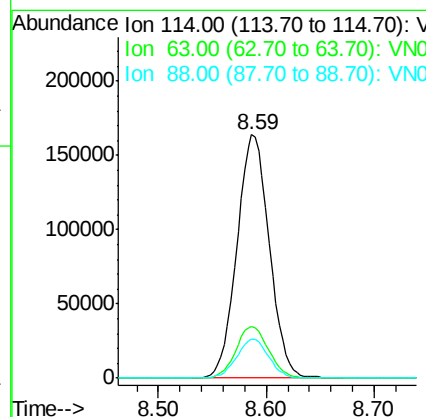
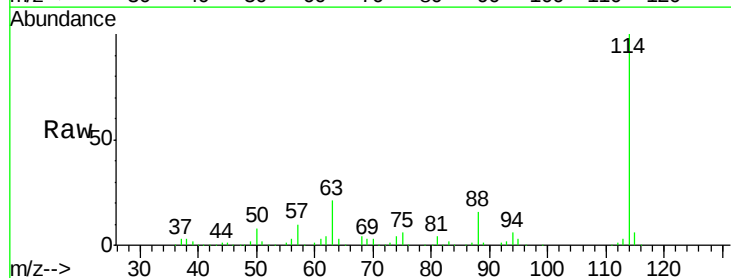
Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE-(OCT)

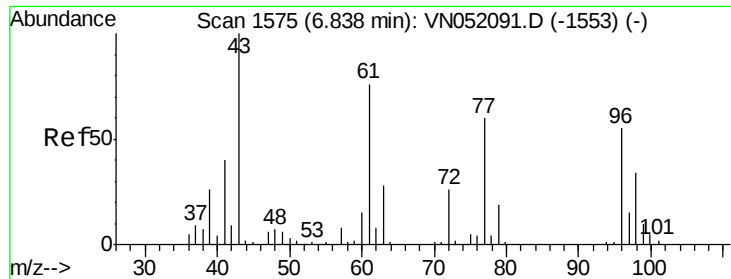
Tgt Ion: 65 Resp: 139412
 Ion Ratio Lower Upper
 65 100
 67 52.3 42.6 64.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052105.D
 Acq: 1 Nov 2018 16:15

Tgt Ion: 114 Resp: 343237
 Ion Ratio Lower Upper
 114 100
 63 21.4 17.5 26.3
 88 15.8 12.6 18.8

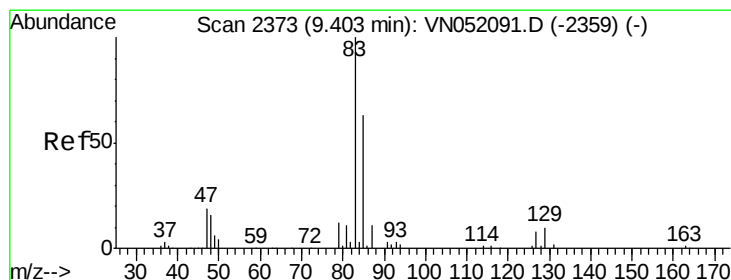
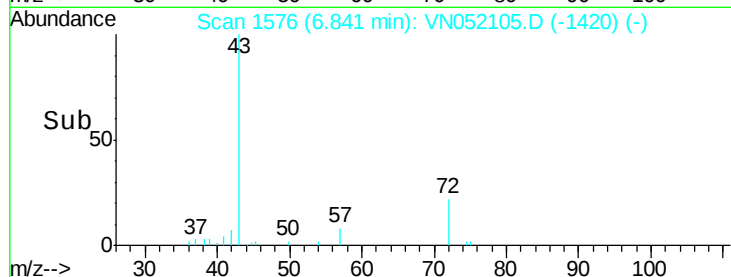
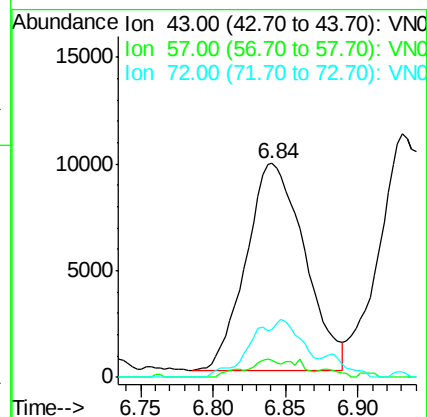
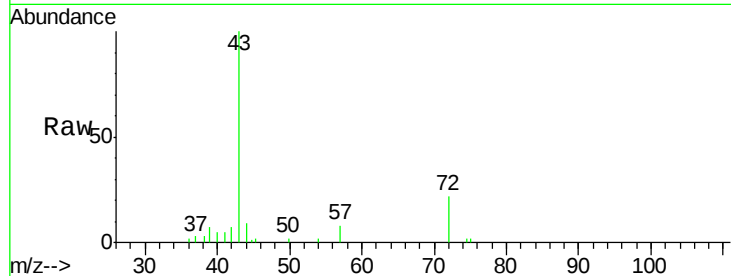




#30
2-Butanone
Concen: 18.837 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN052105.D
Acq: 1 Nov 2018 16:15

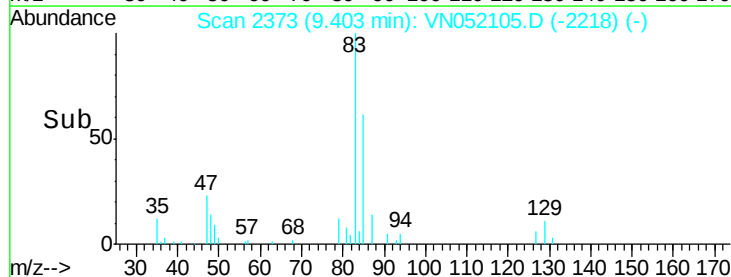
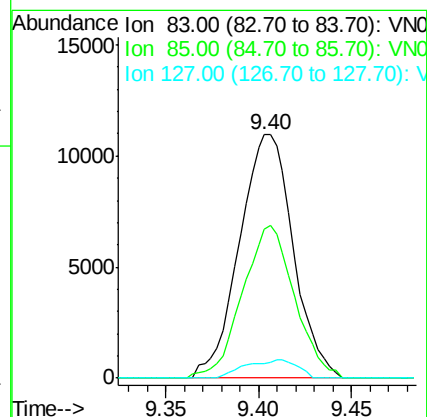
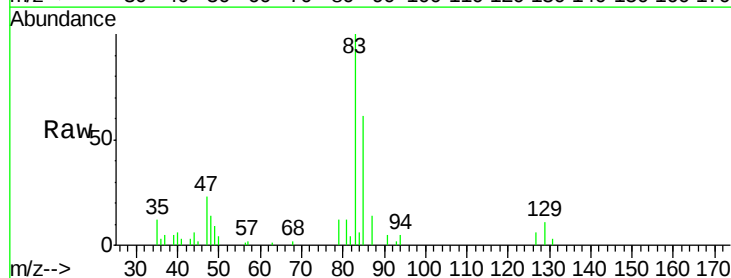
Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE-(OCT)

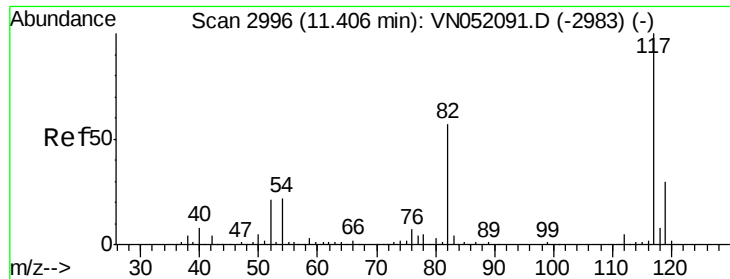
Tgt Ion: 43 Resp: 27337
Ion Ratio Lower Upper
43 100
57 3.8 6.6 9.8#
72 8.8 9.2 13.8#



#41
Bromodichloromethane
Concen: 4.109 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN052105.D
Acq: 1 Nov 2018 16:15

Tgt Ion: 83 Resp: 22008
Ion Ratio Lower Upper
83 100
85 60.9 50.2 75.2
127 6.0 6.6 10.0#

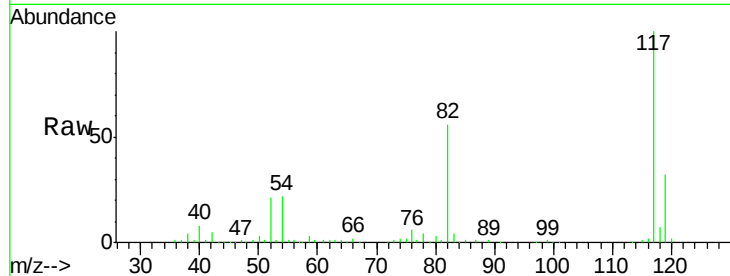




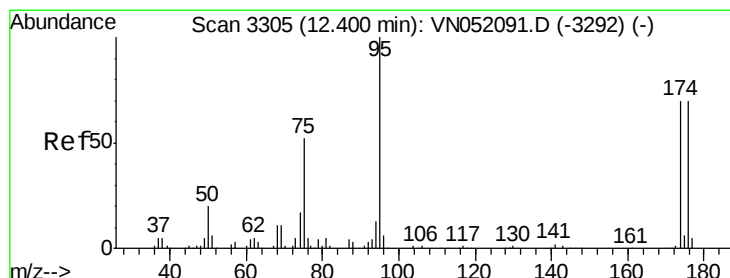
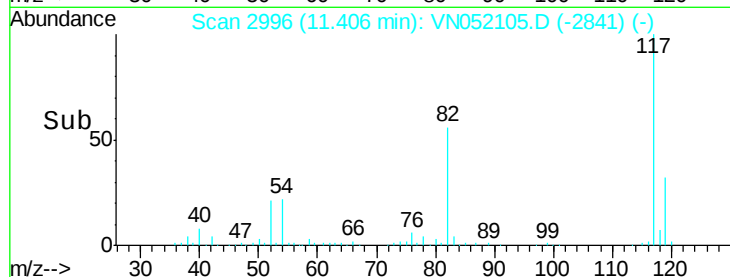
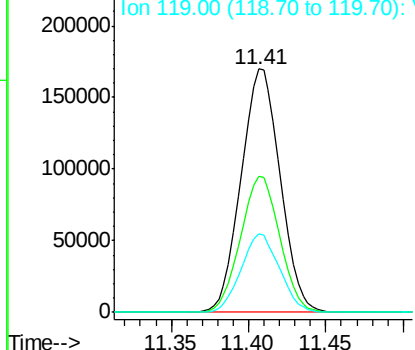
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052105.D
Acq: 1 Nov 2018 16:15

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE-(OCT)

Tgt Ion:117 Resp: 299757
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.6
119 31.7 24.2 36.4

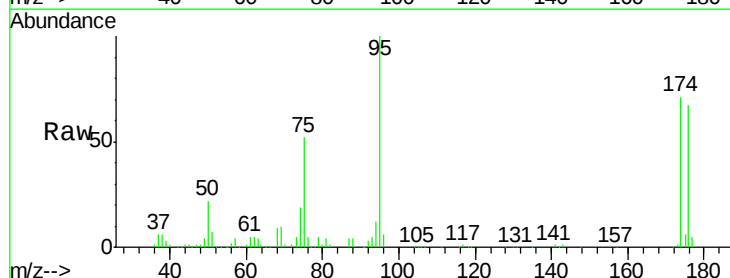


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

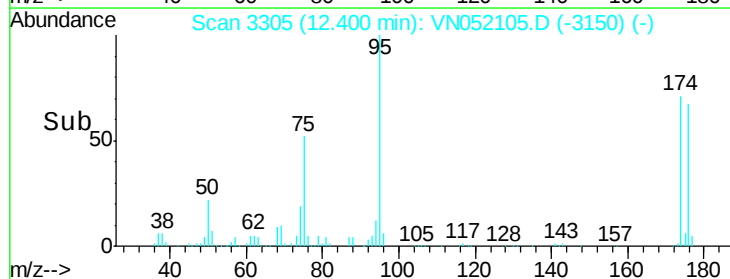
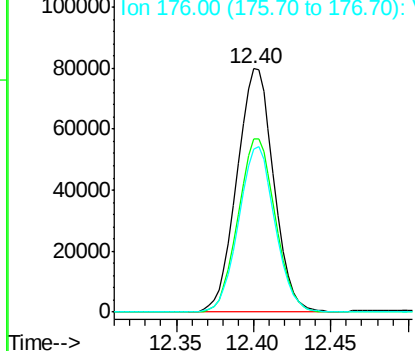


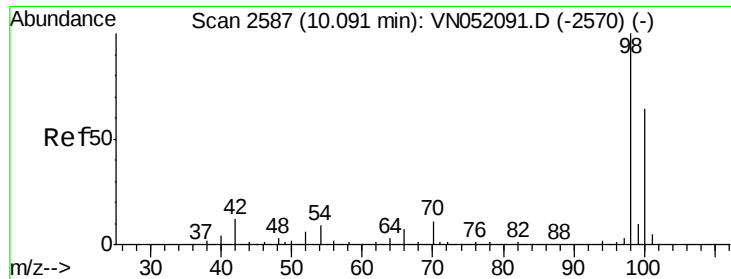
#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052105.D
Acq: 1 Nov 2018 16:15

Tgt Ion: 95 Resp: 132231
Ion Ratio Lower Upper
95 100
174 71.6 55.0 82.6
176 67.2 54.2 81.4



Abundance Ion 95.00 (94.70 to 95.70): V
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052105.D

Acq: 1 Nov 2018 16:15

Instrument :

MSVOA_N

ClientSampleId :

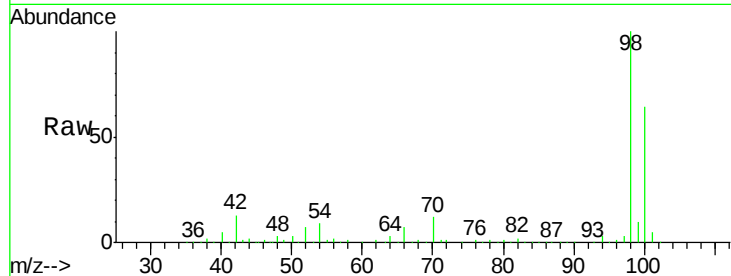
002M-35TH-AVE-(OCT)

Tgt Ion: 98 Resp: 422611

Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN052091.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052091.D (-2570) (-)

10.09

250000

200000

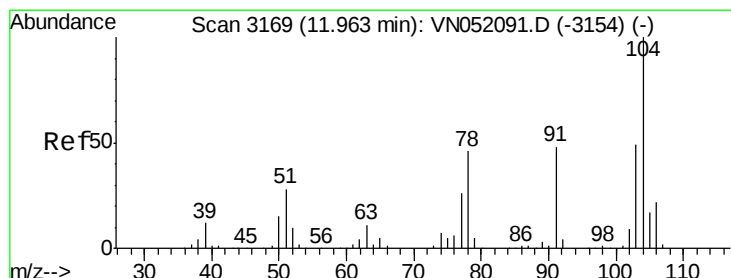
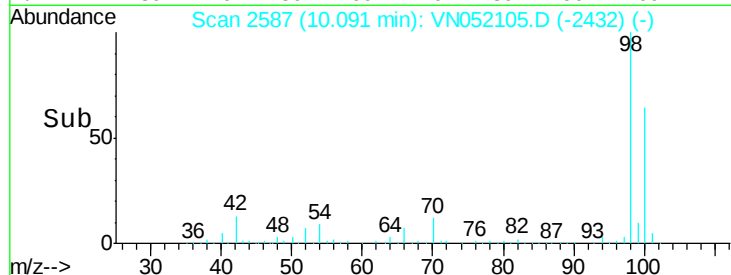
150000

100000

50000

0

Time-->



#69

Styrene

Concen: 1.166 ug/l

RT: 11.97 min Scan# 3170

Delta R.T. 0.00 min

Lab File: VN052105.D

Acq: 1 Nov 2018 16:15

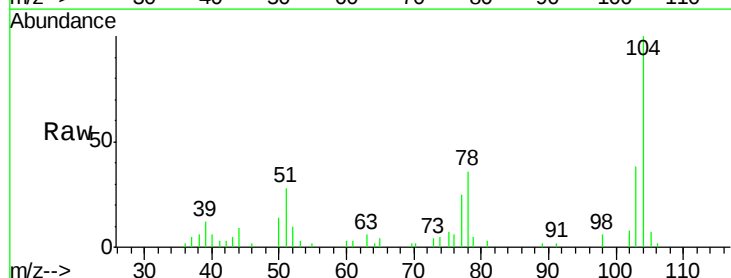
Tgt Ion: 104 Resp: 12531

Ion Ratio Lower Upper

104 100

78 38.5 41.3 61.9#

103 46.1 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): VN052091.D (-3154) (-)

Ion 78.00 (77.70 to 78.70): VN052091.D (-3154) (-)

Ion 103.00 (102.70 to 103.70): VN052091.D (-3154) (-)

11.97

10000

8000

6000

4000

2000

0

Time-->

