

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100118\
 Data File : VN051638.D
 Acq On : 1 Oct 2018 15:17
 Operator : MD\SY
 Sample : J5167-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

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

Quant Time: Oct 02 01:50:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Sep 29 01:07:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	94773	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	468642	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	422349	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	204327	30.96	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.20%
60) 4-Bromofluorobenzene	12.40	95	158437	24.40	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	81.33%
63) Toluene-d8	10.09	98	550865	27.64	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	92.13%

Target Compounds

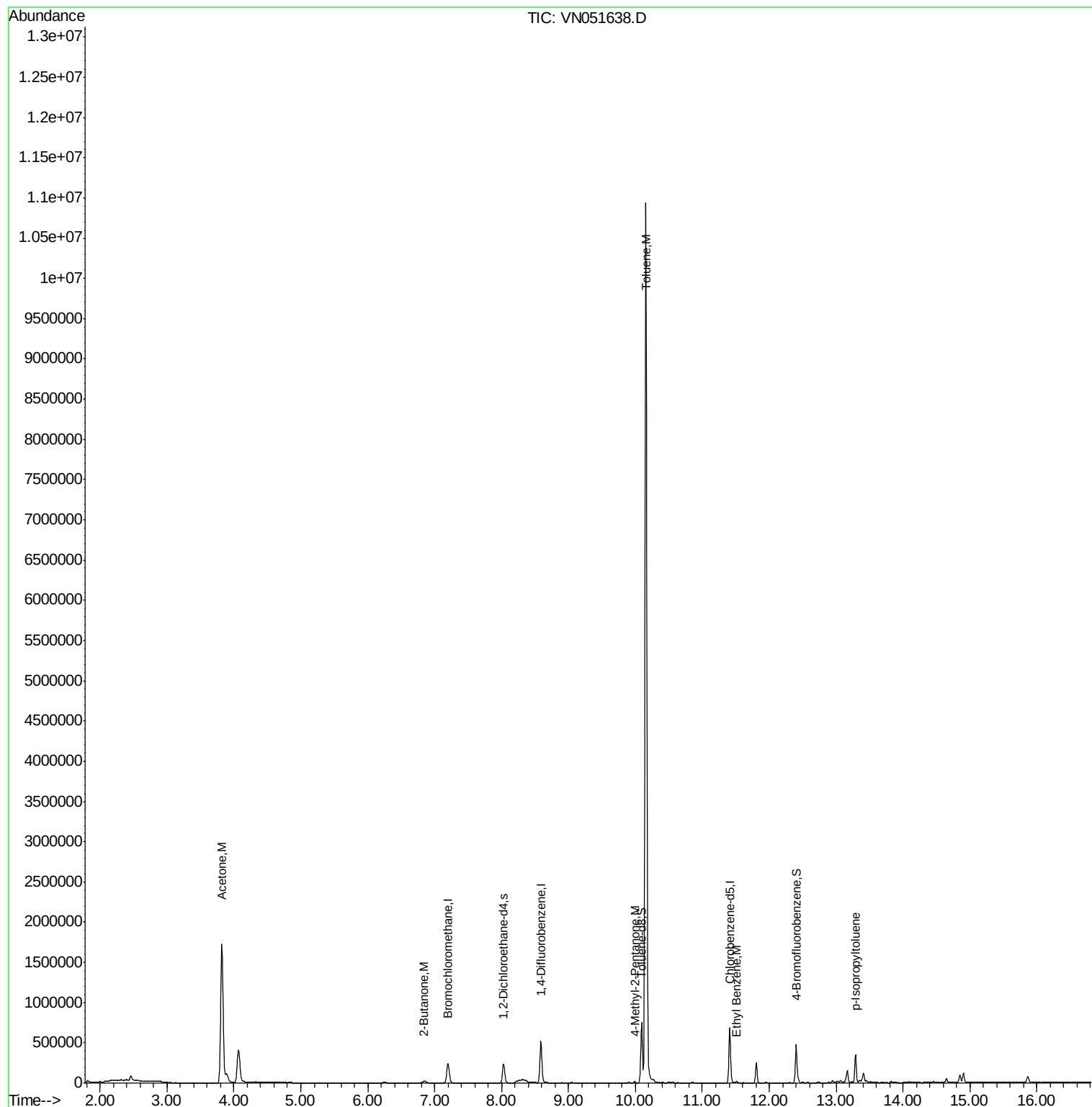
					Ovalue
15) Acetone	3.82	58	941375	1775.127	ug/l 96
30) 2-Butanone	6.85	43	39720	18.263	ug/l # 96
58) 4-Methyl-2-Pentanone	9.99	43	17248	3.597	ug/l # 87
62) Toluene	10.16	91	8485665	327.667	ug/l 100
66) Ethyl Benzene	11.51	91	10344	0.390	ug/l 98
82) p-Isopropyltoluene	13.29	119	179255	8.063	ug/l 98

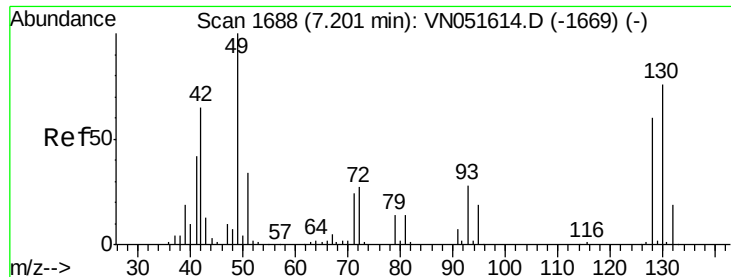
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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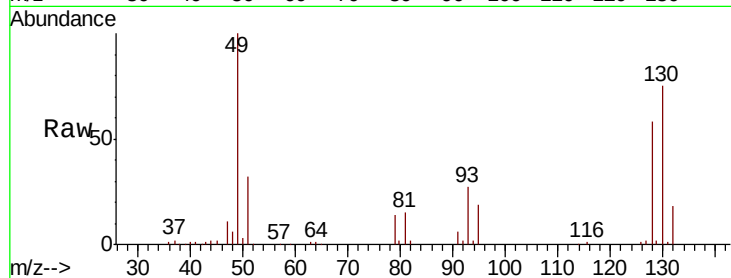




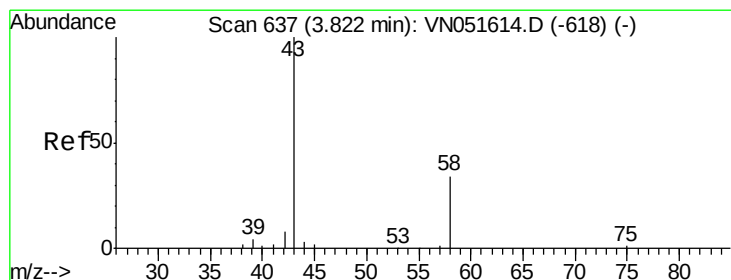
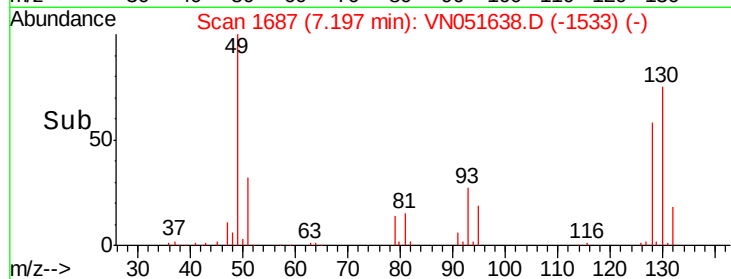
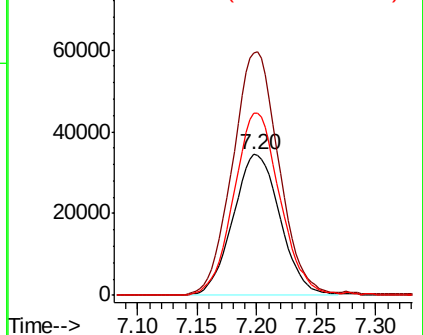
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN051638.D
 Acq: 1 Oct 2018 15:17

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

Tot Ion:128 Resp: 94773
 Ion Ratio Lower Upper
 128 100
 49 169.5 0.0 426.8
 130 126.8 0.0 326.3

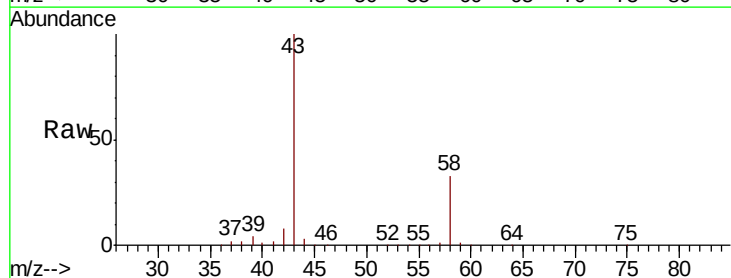


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

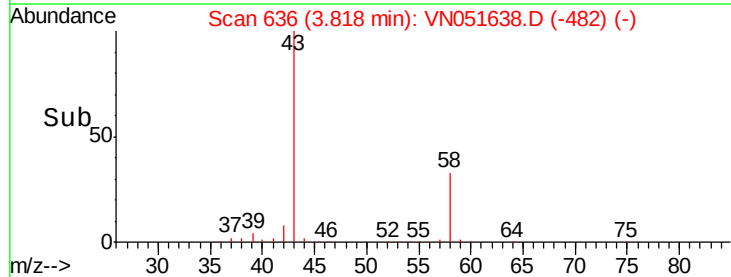
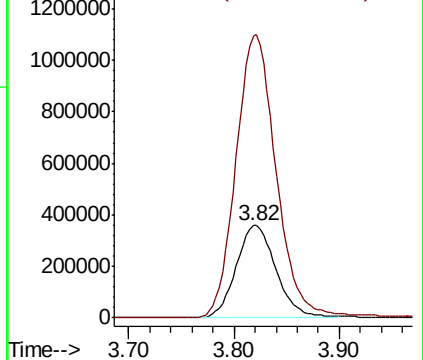


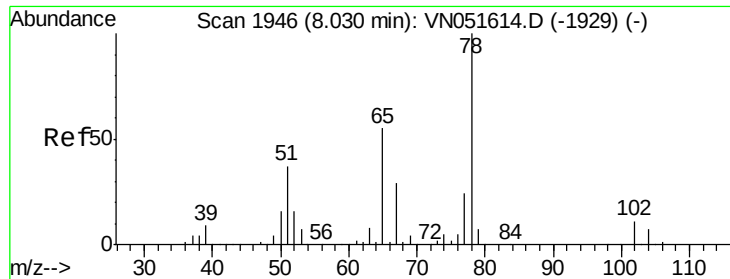
#15
 Acetone
 Concen: 1775.127 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: VN051638.D
 Acq: 1 Oct 2018 15:17

Tgt Ion: 58 Resp: 941375
 Ion Ratio Lower Upper
 58 100
 43 305.0 238.0 357.0



Abundance Ion 58.00 (57.70 to 58.70): VN
 Ion 43.00 (42.70 to 43.70): VN

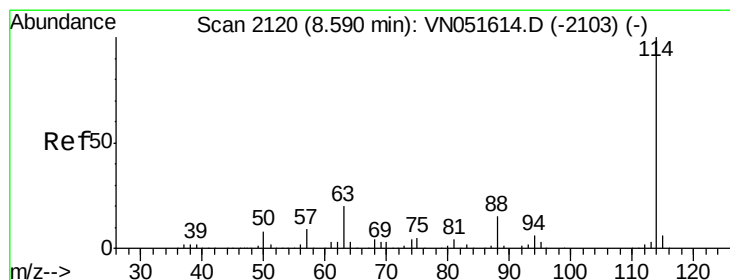
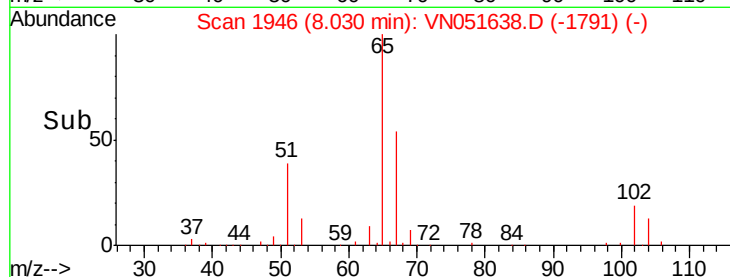
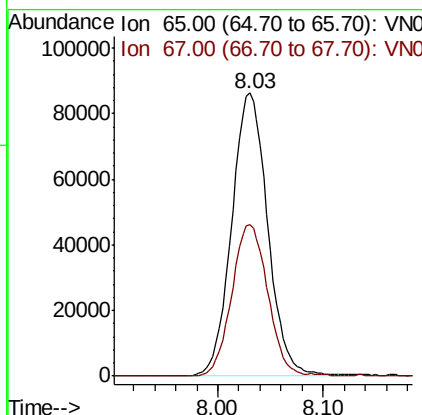
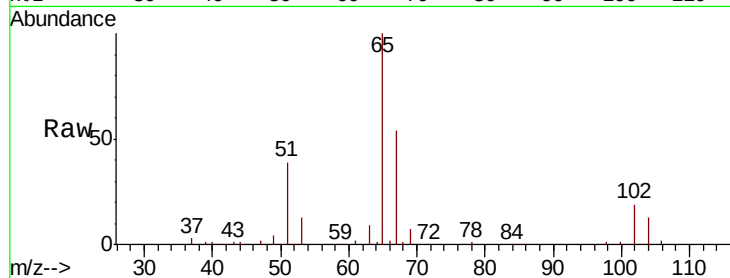




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: VN051638.D
 Acq: 1 Oct 2018 15:17

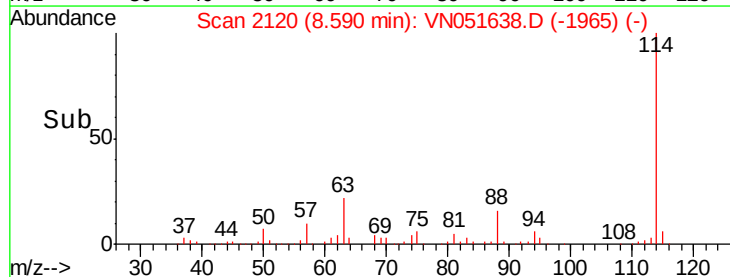
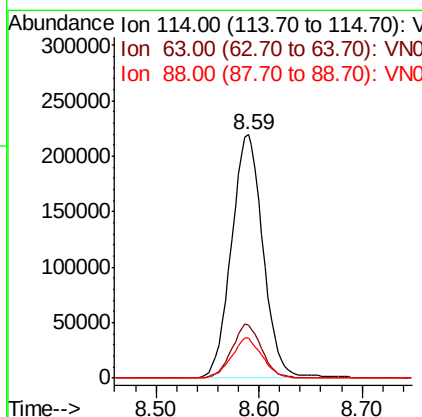
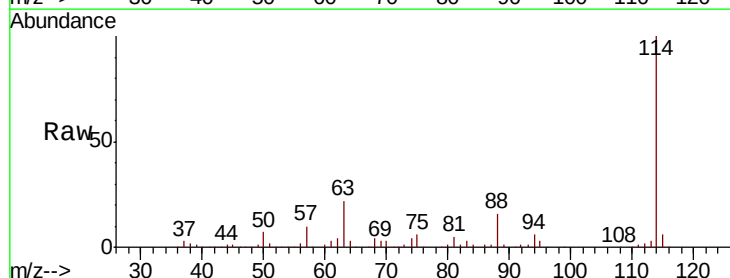
Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE(SEP)

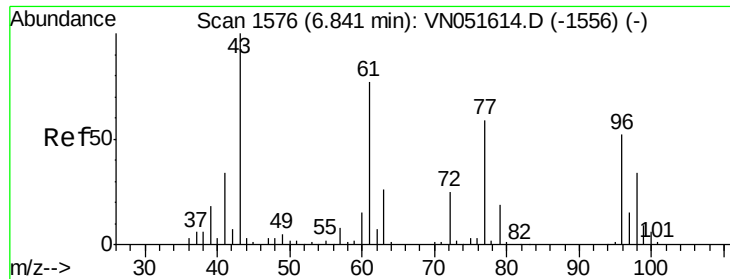
Tot Ion: 65 Resp: 204327
 Ion Ratio Lower Upper
 65 100
 67 53.2 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. -0.00 min
 Lab File: VN051638.D
 Acq: 1 Oct 2018 15:17

Tgt Ion: 114 Resp: 468642
 Ion Ratio Lower Upper
 114 100
 63 21.1 16.4 24.6
 88 15.9 12.6 18.8

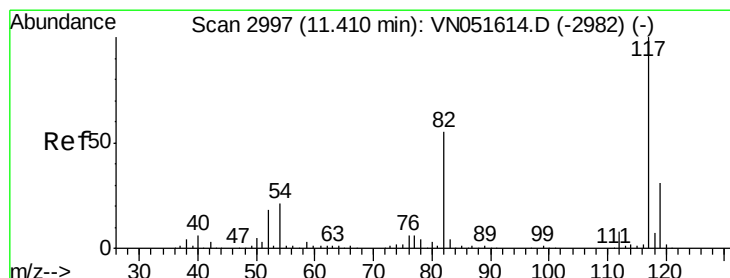
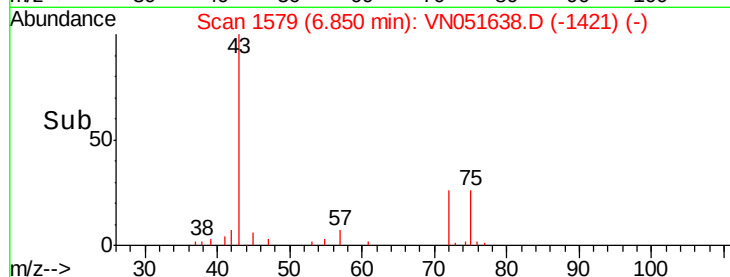
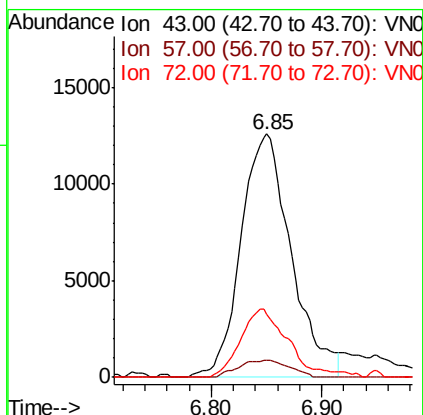
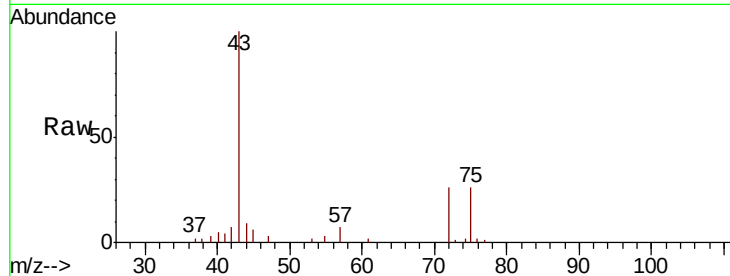




#30
2-Butanone
Concen: 18.263 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN051638.D
Acq: 1 Oct 2018 15:17

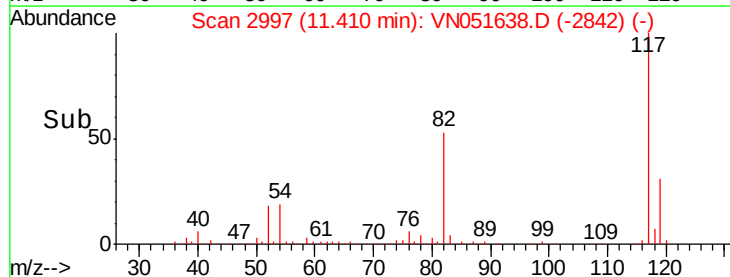
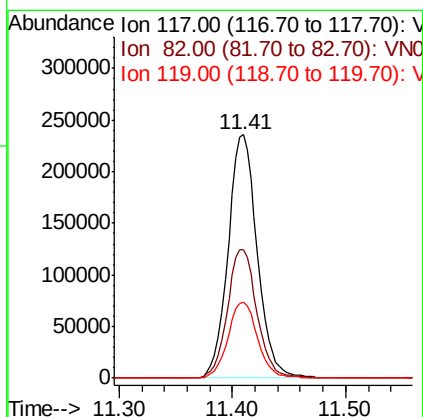
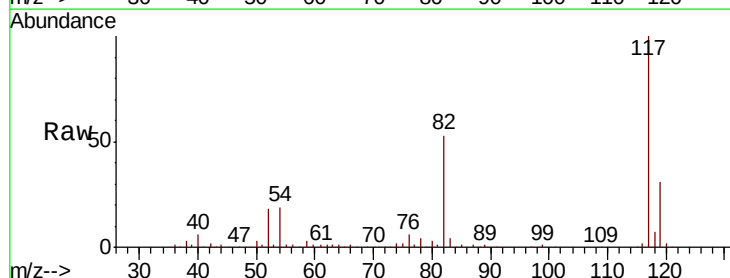
Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(SEP)

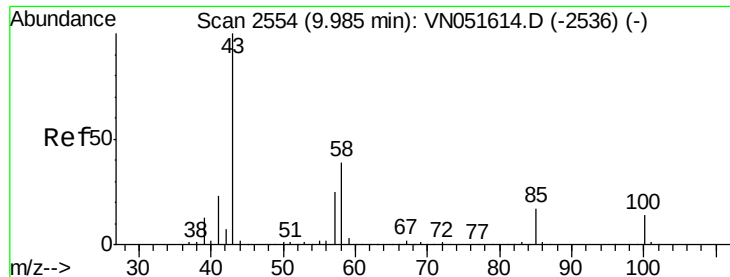
Tot Ion: 43 Resp: 39720
Ion Ratio Lower Upper
43 100
57 3.2 6.6 10.0#
72 26.3 20.8 31.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN051638.D
Acq: 1 Oct 2018 15:17

Tgt Ion: 117 Resp: 422349
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.2
119 31.8 25.2 37.8

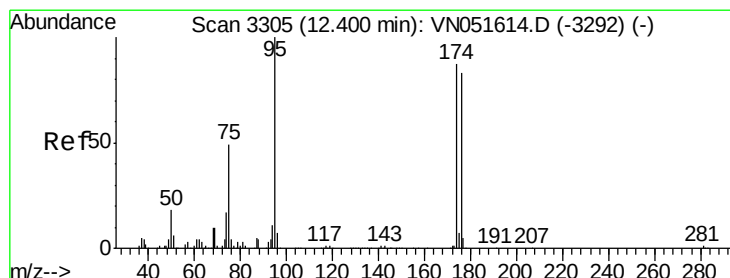
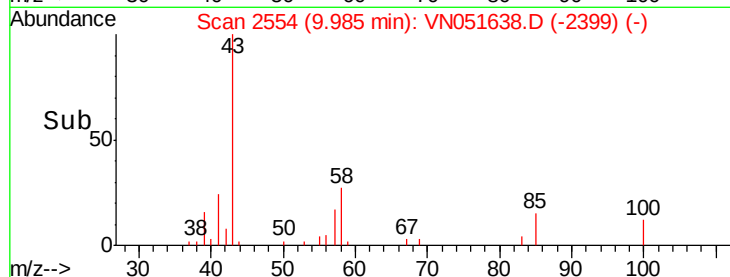
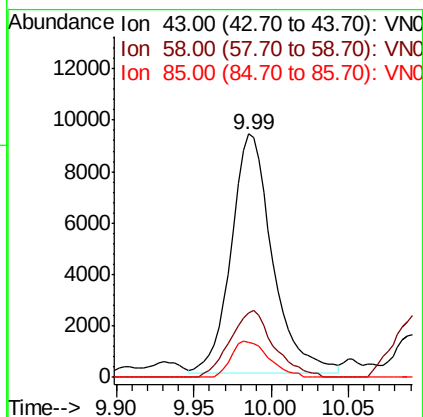
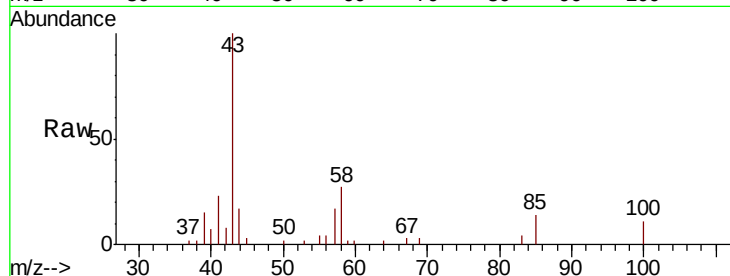




#58
 4-Methyl-2-Pentanone
 Concen: 3.597 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051638.D
 Acq: 1 Oct 2018 15:17

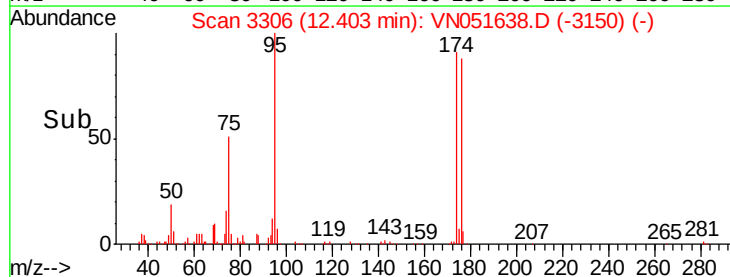
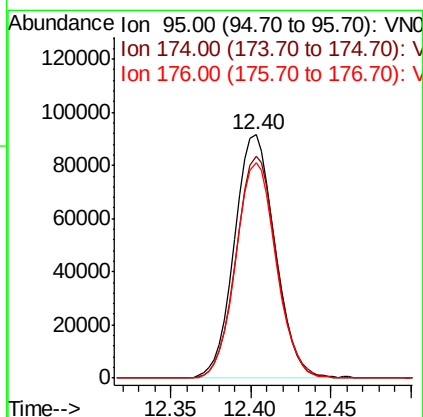
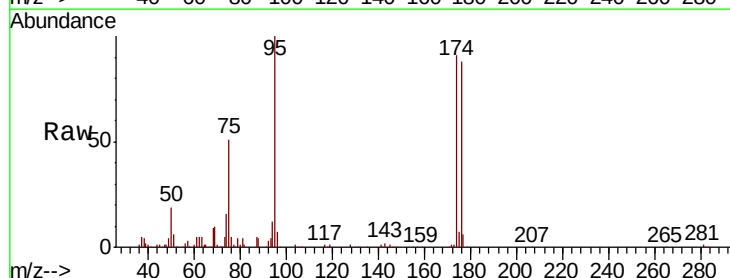
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 002M-35TH-AVE(SEP)

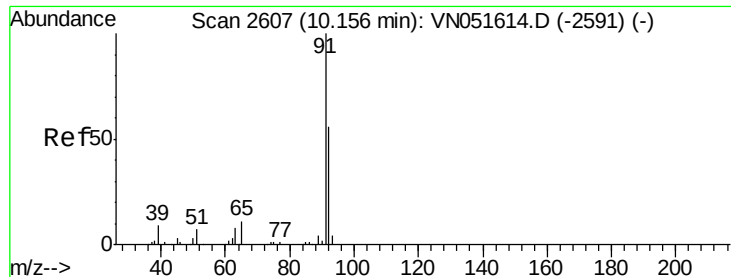
Tot Ion: 43 Resp: 17248
 Ion Ratio Lower Upper
 43 100
 58 29.4 31.0 46.4#
 85 13.7 13.4 20.2



#60
 4-Bromofluorobenzene
 Concen: Below ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN051638.D
 Acq: 1 Oct 2018 15:17

Tgt Ion: 95 Resp: 158437
 Ion Ratio Lower Upper
 95 100
 174 90.8 71.2 106.8
 176 87.8 67.8 101.8





#62

Toluene

Concen: 327.667 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051638.D

Acq: 1 Oct 2018 15:17

Instrument :

MSVOA_N

ClientSampleId :

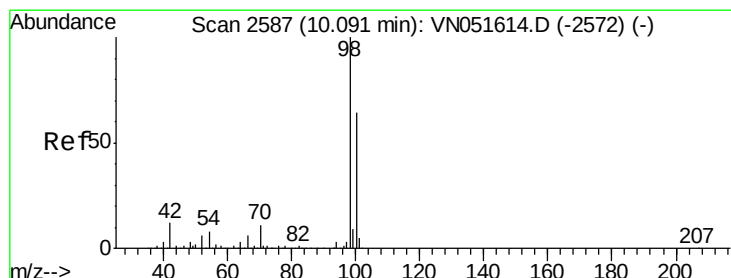
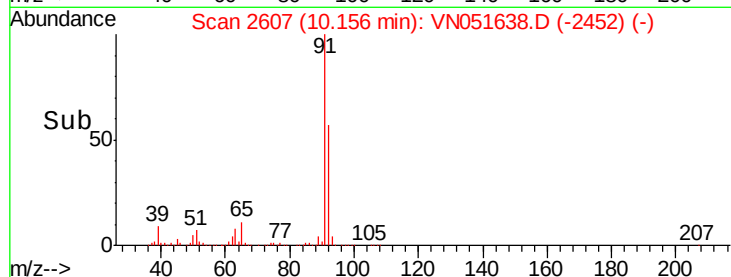
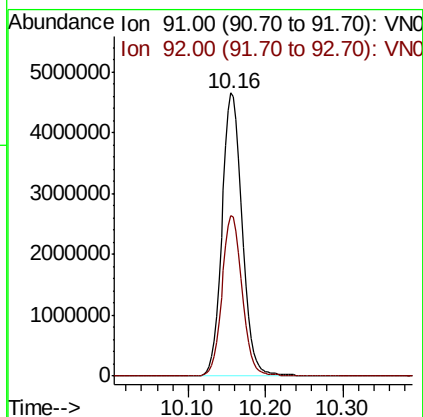
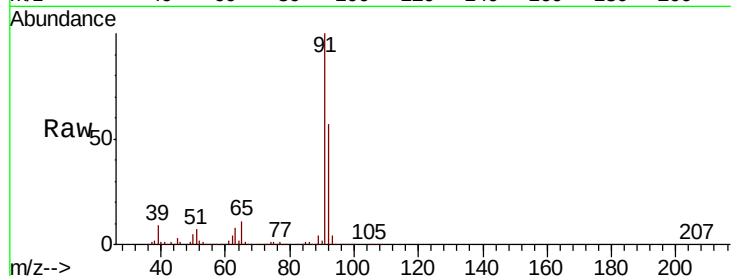
002M-35TH-AVE(SEP)

Tot Ion: 91 Resp: 8485665

Ion Ratio Lower Upper

91 100

92 56.6 45.3 67.9



#63

Toluene-d8

Concen: 327.667 ug/l

RT: 10.09 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN051638.D

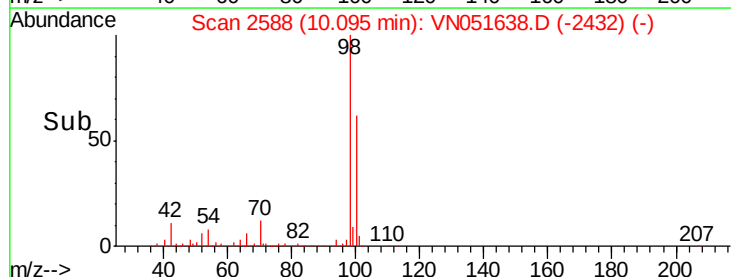
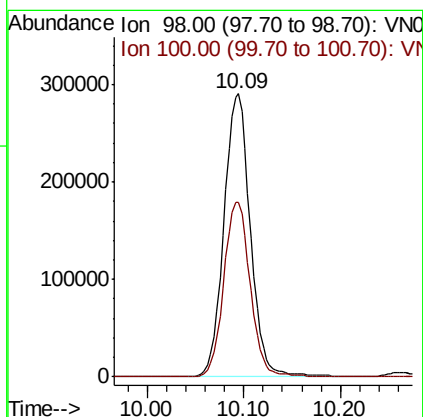
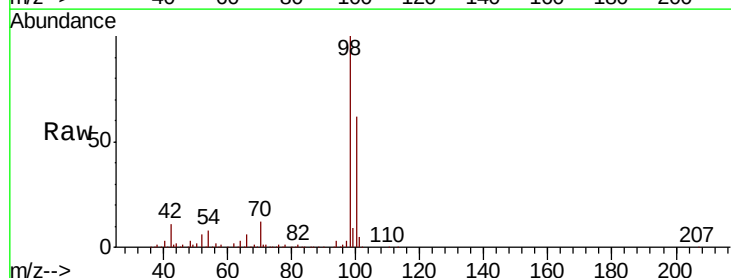
Acq: 1 Oct 2018 15:17

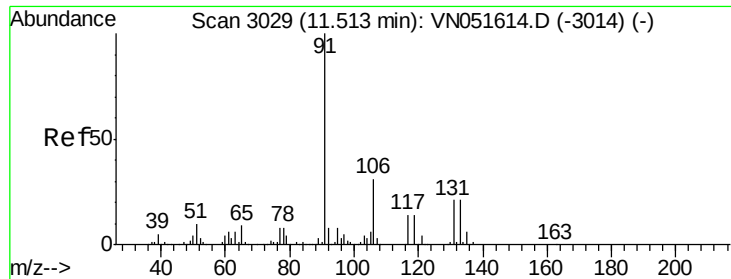
Tgt Ion: 98 Resp: 550865

Ion Ratio Lower Upper

98 100

100 61.7 51.4 77.0

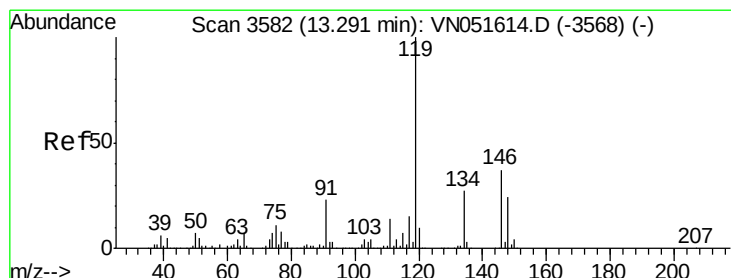
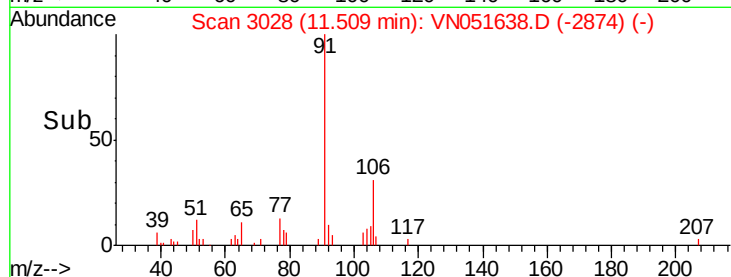
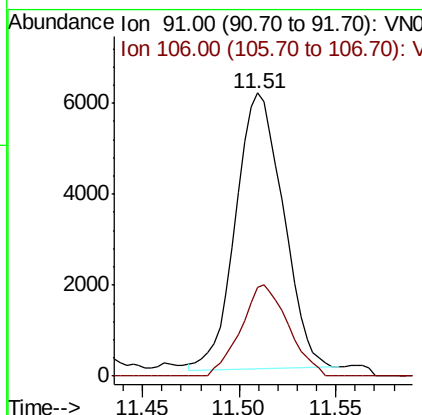
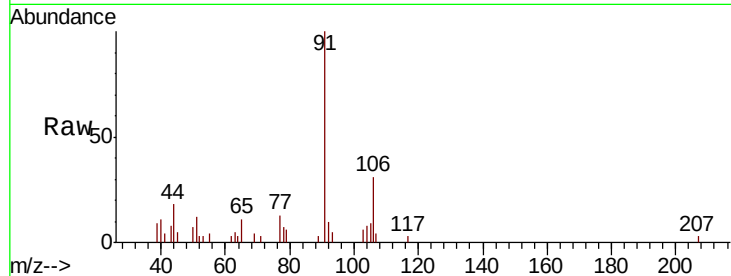




#66
Ethyl Benzene
Concen: 0.390 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051638.D
Acq: 1 Oct 2018 15:17

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

Tot Ion: 91 Resp: 10344
Ion Ratio Lower Upper
91 100
106 32.4 25.0 37.4



#82
p-Isopropyltoluene
Concen: 8.063 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN051638.D
Acq: 1 Oct 2018 15:17

Tgt Ion: 119 Resp: 179255
Ion Ratio Lower Upper
119 100
134 26.6 0.0 52.0
91 24.4 0.0 46.0

