

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100518\
 Data File : VN051690.D
 Acq On : 5 Oct 2018 16:34
 Operator : MD\SY
 Sample : J5253-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

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

Quant Time: Oct 05 23:11:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 05 11:11:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	94645	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	526737	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	438266	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	193900	29.52	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.40%
60) 4-Bromofluorobenzene	12.40	95	158338	23.68	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	78.93%
63) Toluene-d8	10.09	98	611730	31.44	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.80%

Target Compounds

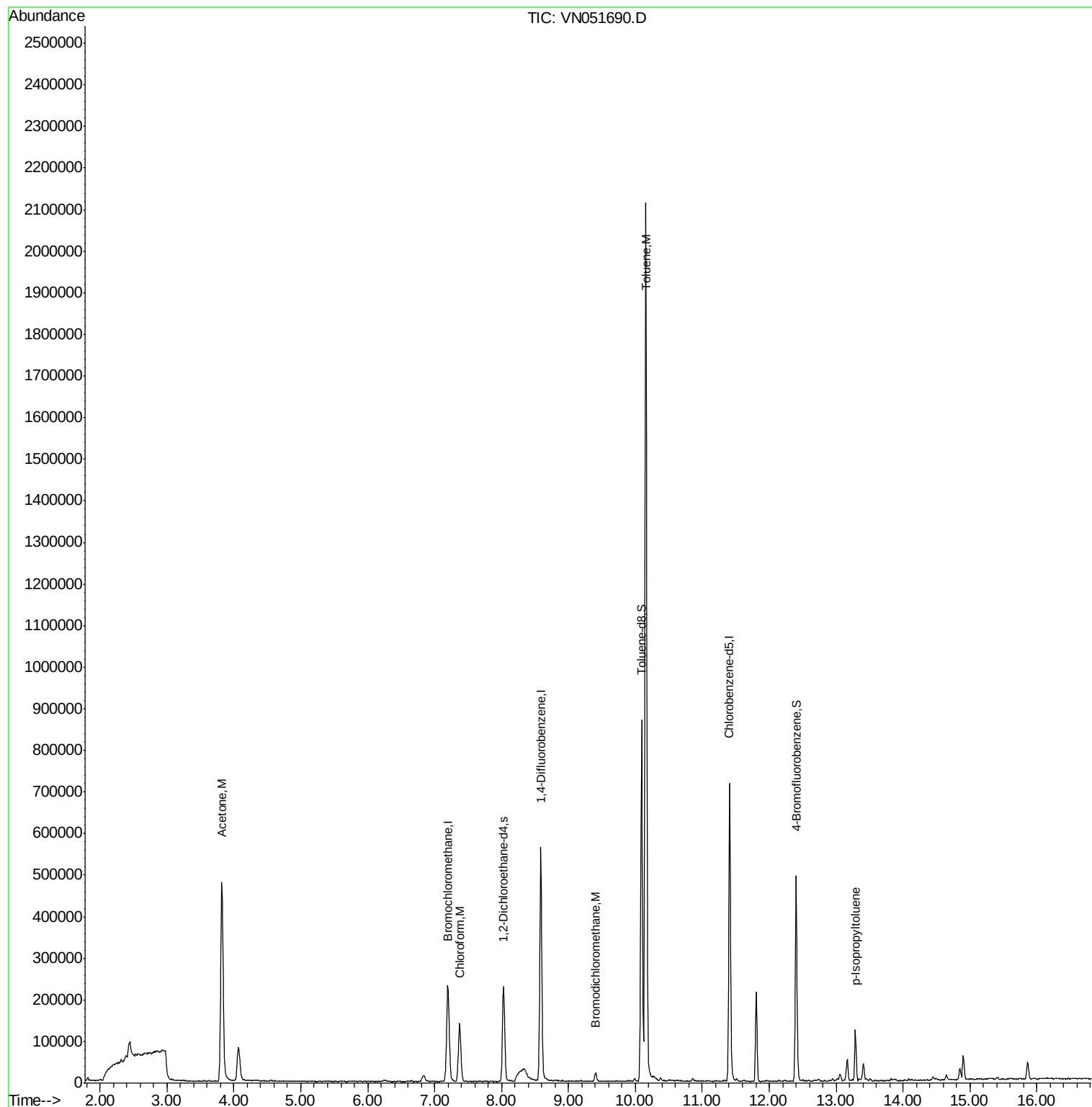
					Ovalue
15) Acetone	3.82	58	243998	717.245	ug/l 77
25) Chloroform	7.37	83	139129	13.623	ug/l 94
41) Bromodichloromethane	9.40	83	13151	1.642	ug/l 91
62) Toluene	10.16	91	1639485	73.849	ug/l 98
82) p-Isopropyltoluene	13.29	119	67128	2.819	ug/l 97

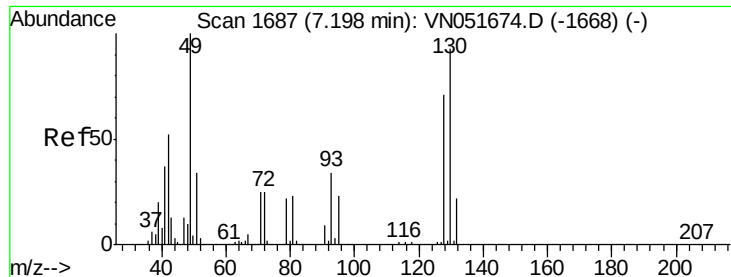
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051690.D

Acq: 5 Oct 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

002M-35TH-AVE(SEP)

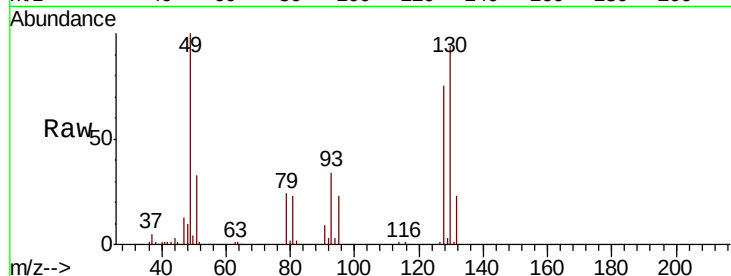
Tot Ion:128 Resp: 94645

Ion Ratio Lower Upper

128 100

49 135.4 0.0 403.3

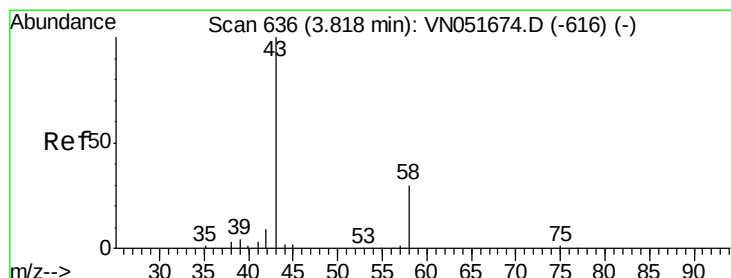
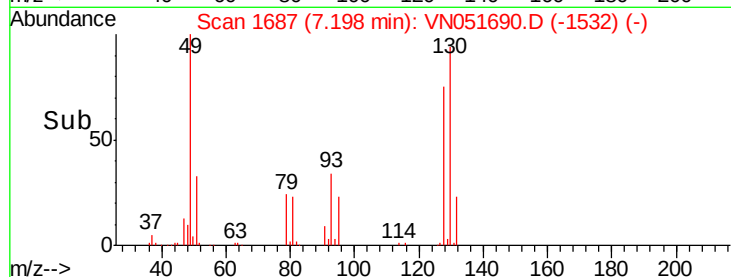
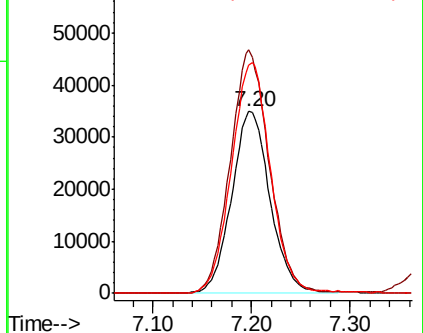
130 128.0 0.0 326.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 717.245 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051690.D

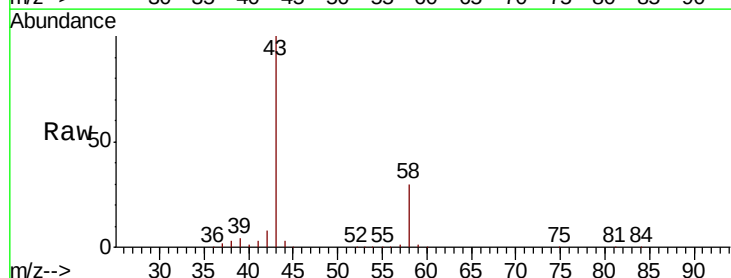
Acq: 5 Oct 2018 16:34

Tgt Ion: 58 Resp: 243998

Ion Ratio Lower Upper

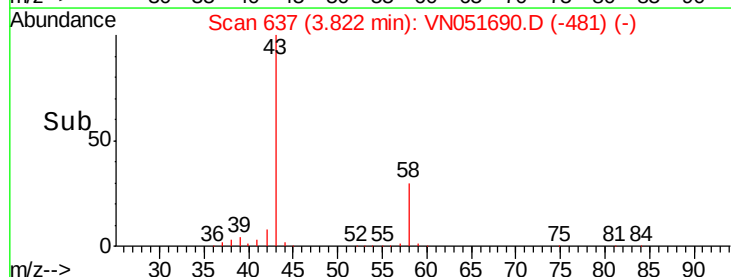
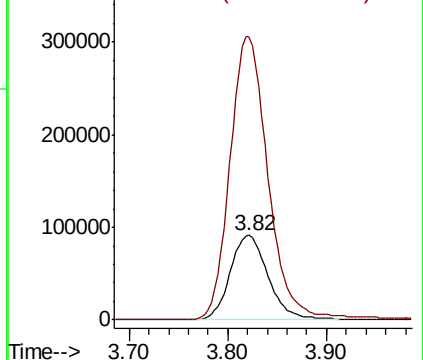
58 100

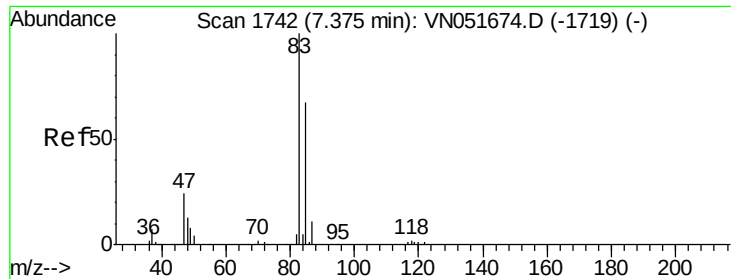
43 334.1 232.2 348.2



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0





#25

Chloroform

Concen: 13.623 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN051690.D

Acq: 5 Oct 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

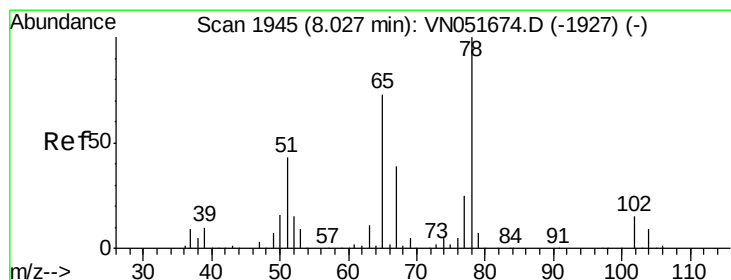
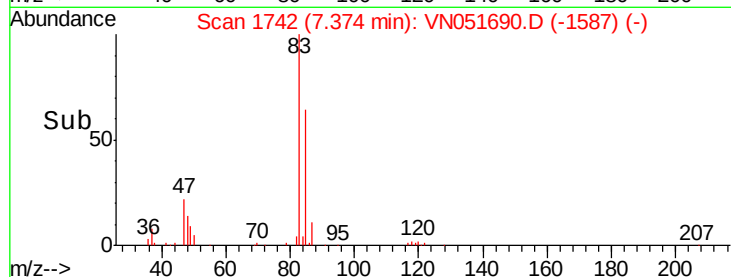
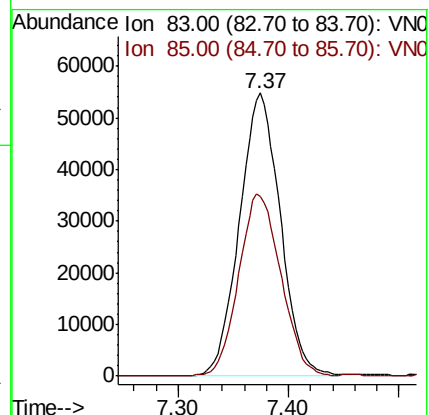
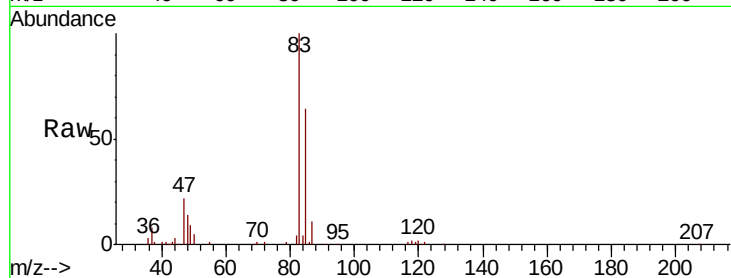
002M-35TH-AVE(SEP)

Tot Ion: 83 Resp: 139129

Ion Ratio Lower Upper

83 100

85 63.5 54.6 82.0



#27

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051690.D

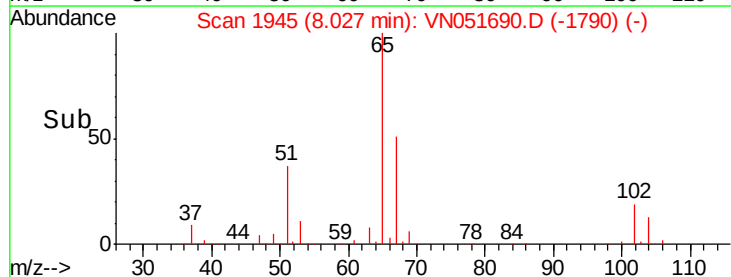
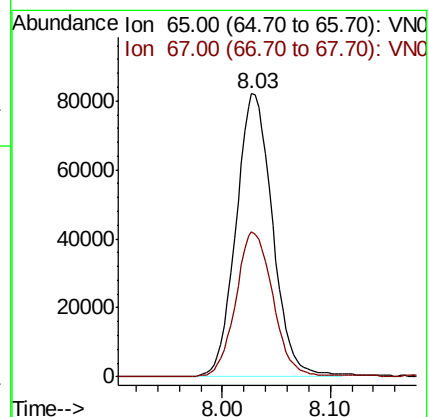
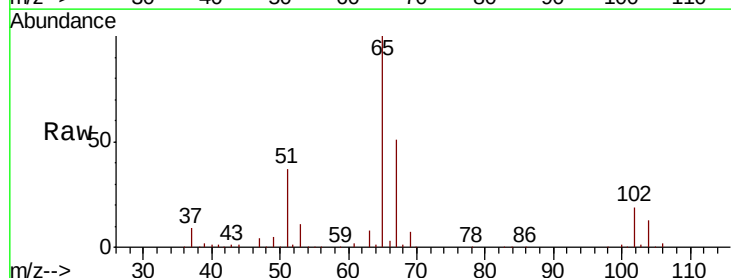
Acq: 5 Oct 2018 16:34

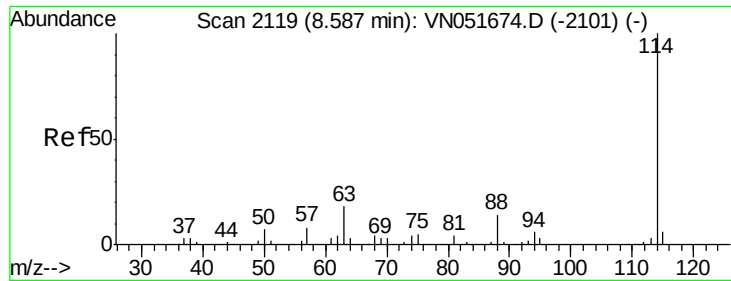
Tgt Ion: 65 Resp: 193900

Ion Ratio Lower Upper

65 100

67 51.8 41.8 62.8

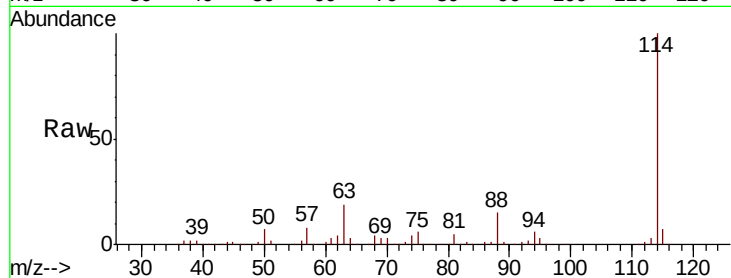




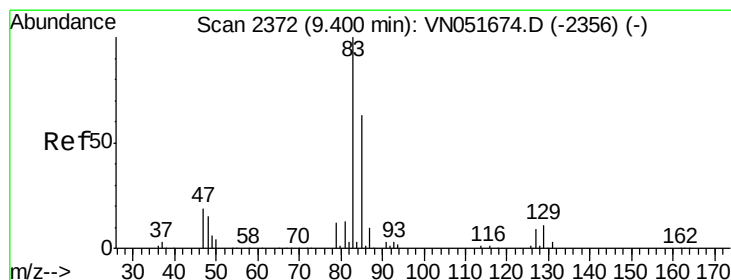
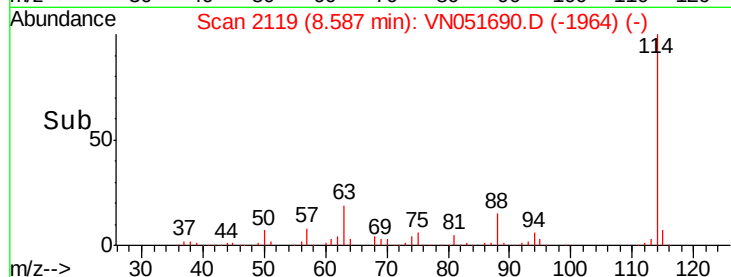
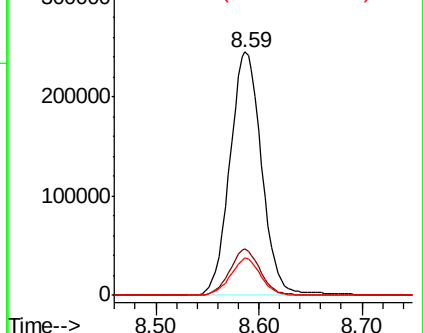
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051690.D
 Acq: 5 Oct 2018 16:34

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

Tot Ion:114 Resp: 526737
 Ion Ratio Lower Upper
 114 100
 63 18.3 16.2 24.2
 88 14.6 12.2 18.4

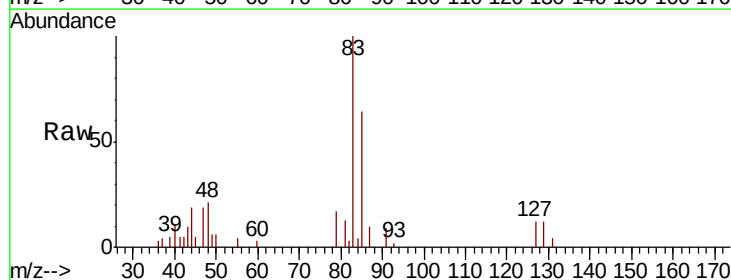


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

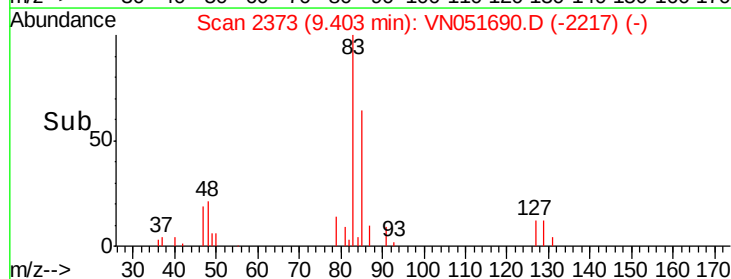
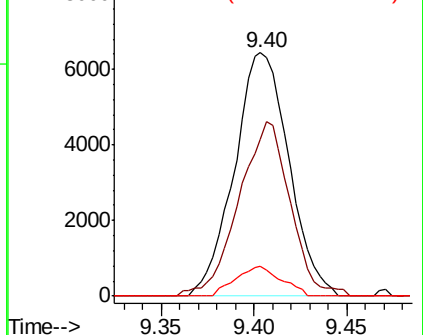


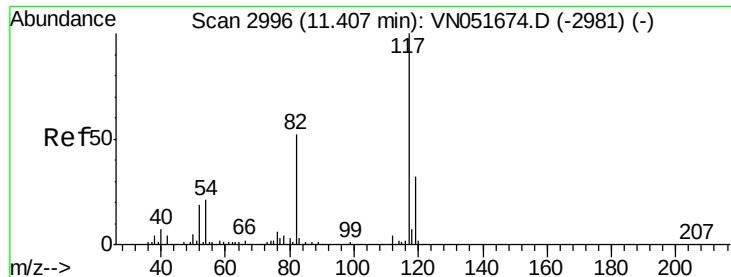
#41
 Bromodichloromethane
 Concen: 1.642 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN051690.D
 Acq: 5 Oct 2018 16:34

Tgt Ion: 83 Resp: 13151
 Ion Ratio Lower Upper
 83 100
 85 61.9 55.7 83.5
 127 12.2 8.2 12.4



Abundance Ion 83.00 (82.70 to 83.70): VN
 Ion 85.00 (84.70 to 85.70): VN
 Ion 127.00 (126.70 to 127.70): V

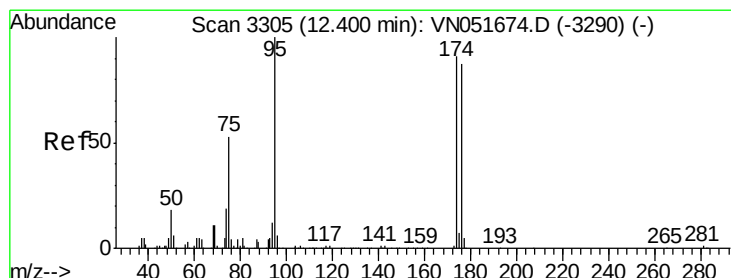
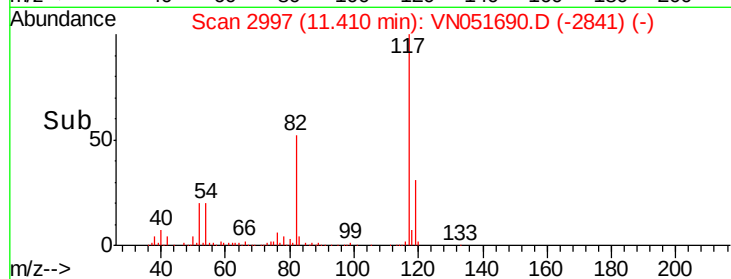
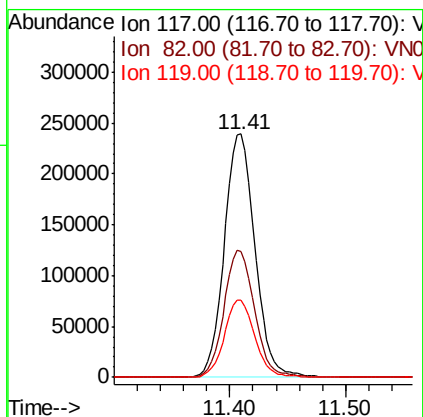
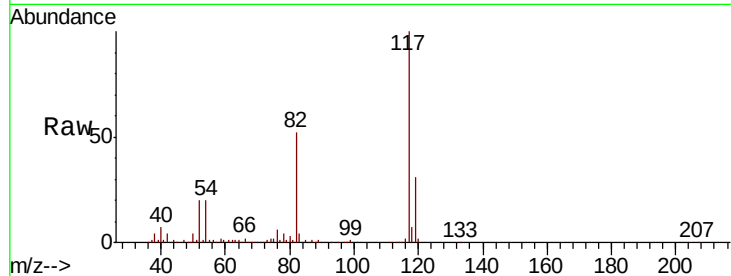




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051690.D
Acq: 5 Oct 2018 16:34

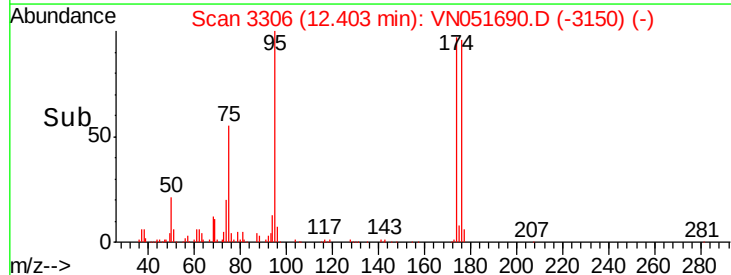
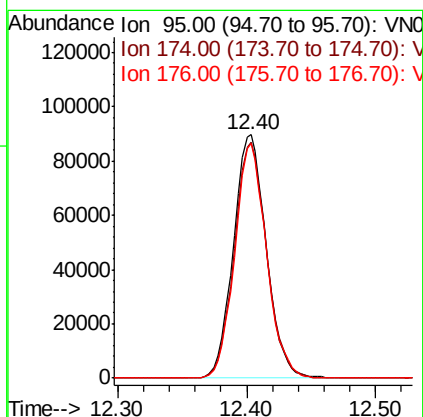
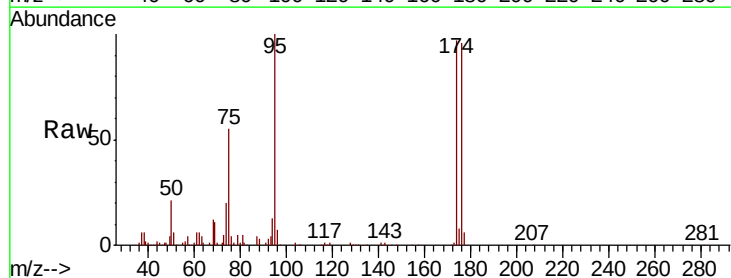
Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(SEP)

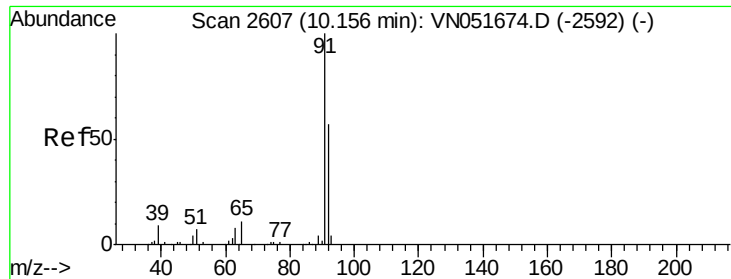
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	44.1	66.1
119	31.6	25.8	38.8



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051690.D
Acq: 5 Oct 2018 16:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.4	73.5	110.3
176	92.9	70.2	105.2





#62

Toluene

Concen: 73.849 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051690.D

Acq: 5 Oct 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

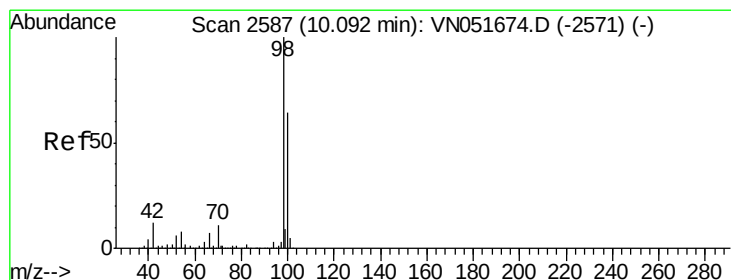
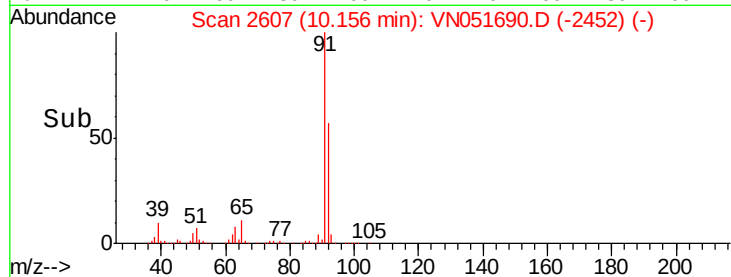
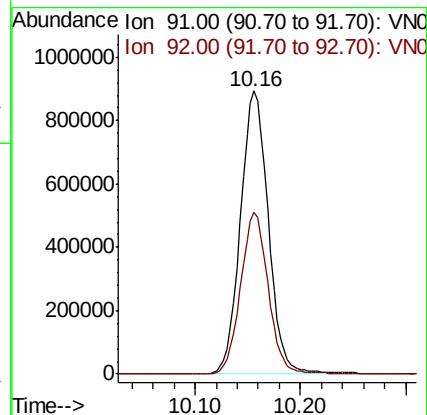
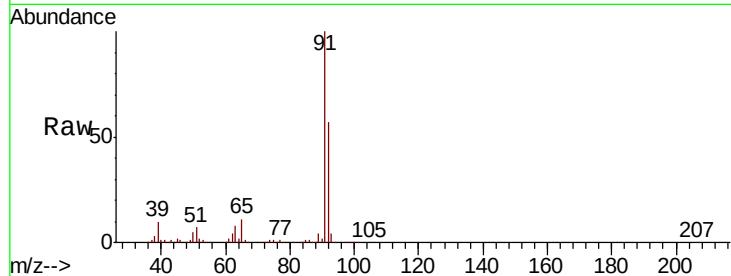
002M-35TH-AVE(SEP)

Tot Ion: 91 Resp: 1639485

Ion Ratio Lower Upper

91 100

92 56.8 44.6 66.8



#63

Toluene-d8

Concen: 73.849 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051690.D

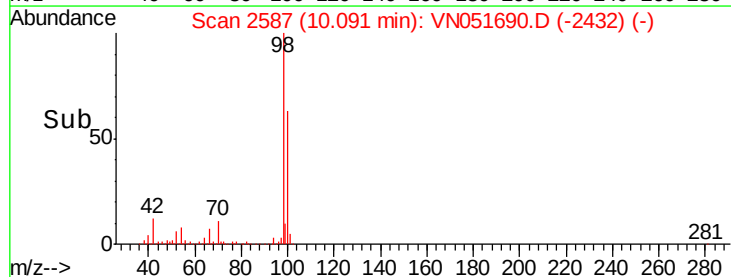
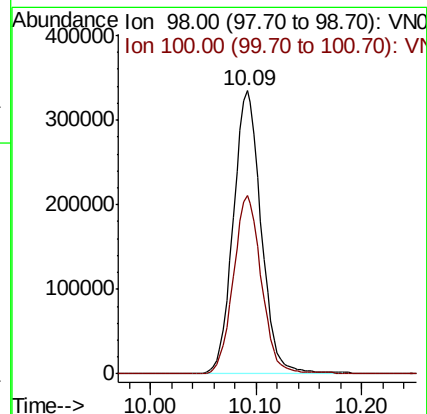
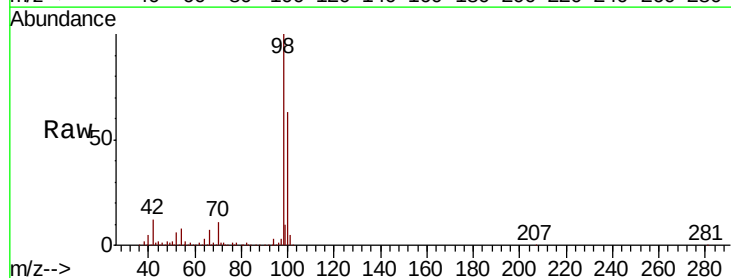
Acq: 5 Oct 2018 16:34

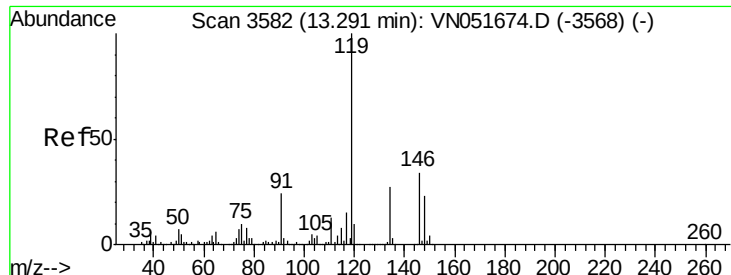
Tgt Ion: 98 Resp: 611730

Ion Ratio Lower Upper

98 100

100 63.3 50.8 76.2





#82
 p-Isopropyltoluene
 Concen: 2.819 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN051690.D
 Acq: 5 Oct 2018 16:34

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

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	0.0	53.6
91	23.1	0.0	52.0

