

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090519\
 Data File : VN057698.D
 Acq On : 5 Sep 2019 12:09
 Operator : JC/SP
 Sample : K4677-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Sep 06 08:32:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 04 02:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	58720	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	355730	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	280376	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.02	65	191218	30.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.10%
60) 4-Bromofluorobenzene	12.40	95	114401	23.88	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	79.60%
63) Toluene-d8	10.09	98	433184	32.09	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	106.97%

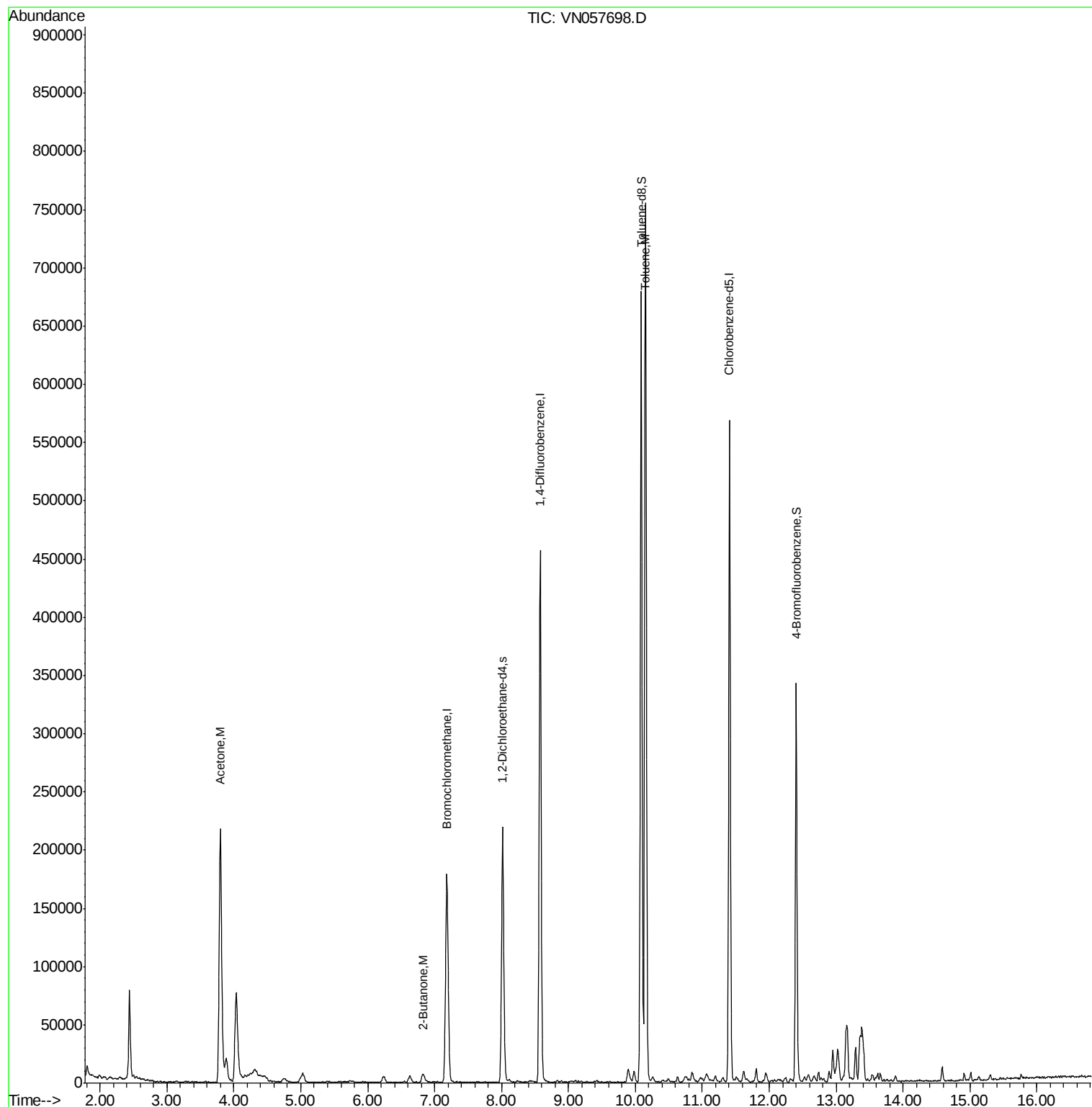
Target Compounds					Ovalue
15) Acetone	3.80	58	92744	183.678 ug/l	96
30) 2-Butanone	6.82	43	13749	5.124 ug/l #	82
62) Toluene	10.15	91	537454	34.141 ug/l	99

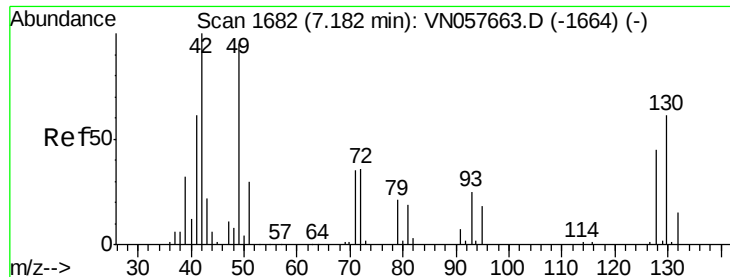
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090519\
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN057698.D

Acq: 5 Sep 2019 12:09

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE-(SEP)

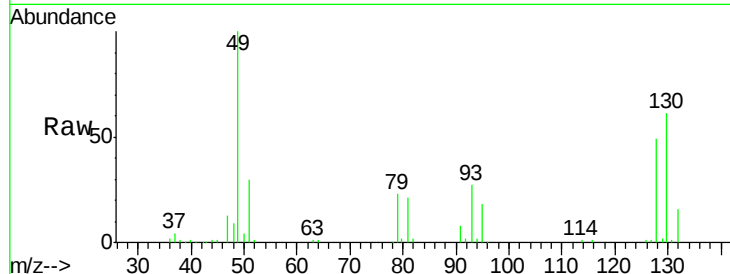
Tot Ion:128 Resp: 58720

Ion Ratio Lower Upper

128 100

49 209.1 0.0 544.5

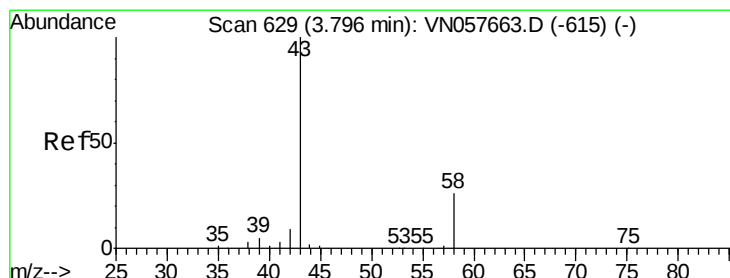
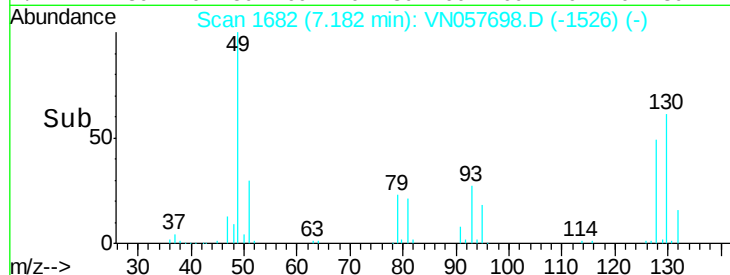
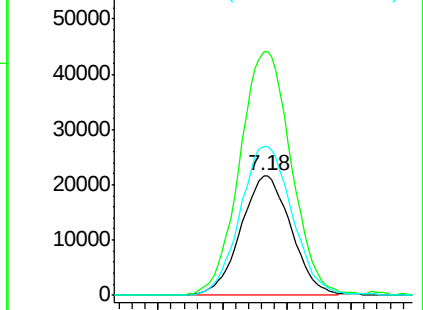
130 128.8 0.0 324.7



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: 183.678 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057698.D

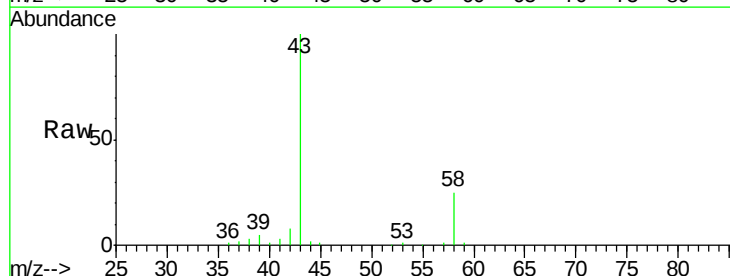
Acq: 5 Sep 2019 12:09

Tgt Ion: 58 Resp: 92744

Ion Ratio Lower Upper

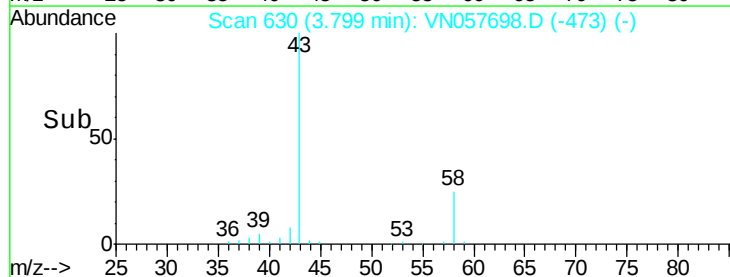
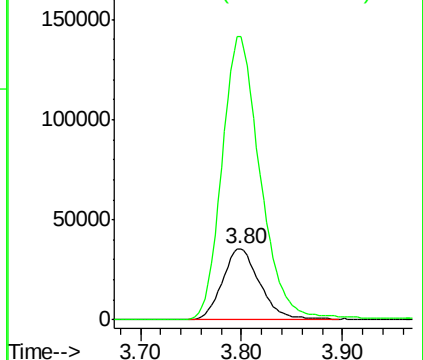
58 100

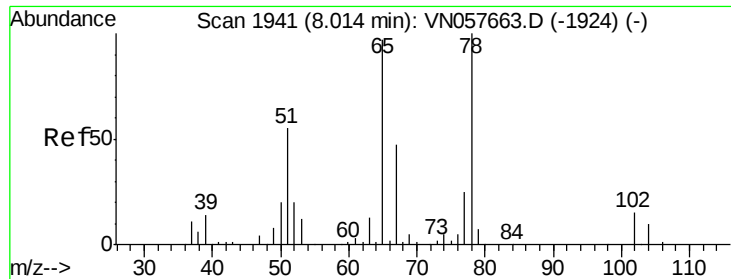
43 396.4 308.8 463.2



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: 30.633 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057698.D

Acq: 5 Sep 2019 12:09

Instrument :

MSVOA_N

ClientSampleId :

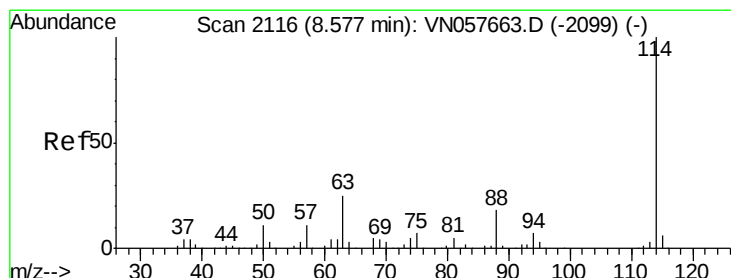
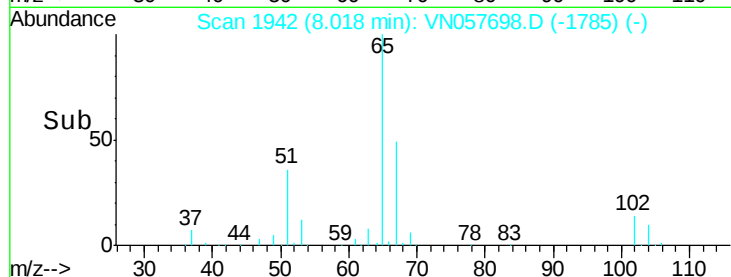
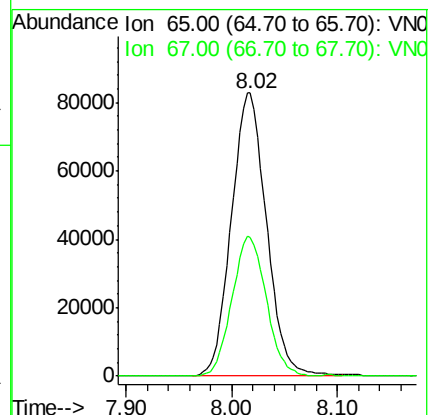
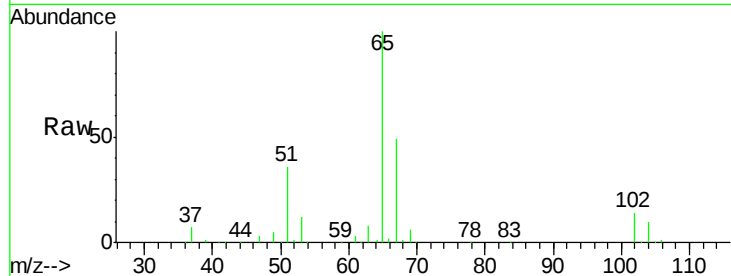
002-35TH-AVE-(SEP)

Tot Ion: 65 Resp: 191218

Ion Ratio Lower Upper

65 100

67 48.1 38.6 57.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057698.D

Acq: 5 Sep 2019 12:09

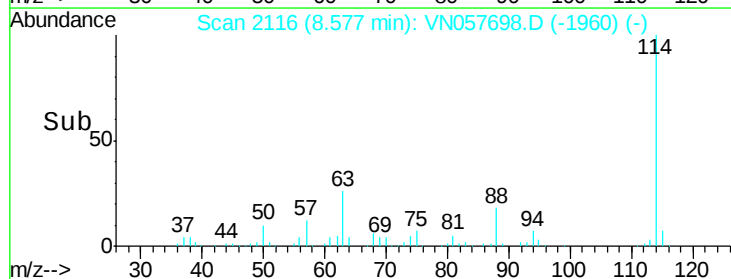
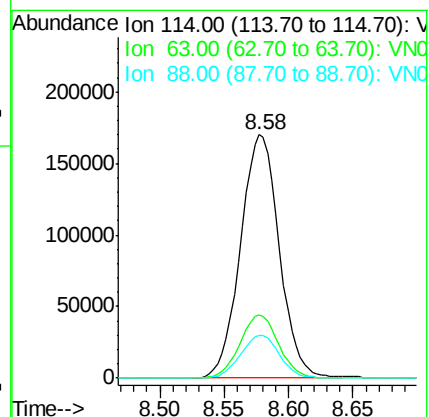
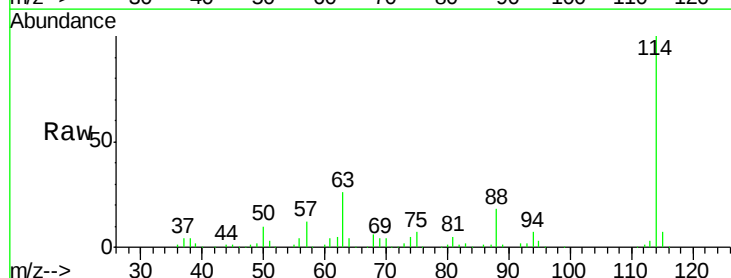
Tgt Ion: 114 Resp: 355730

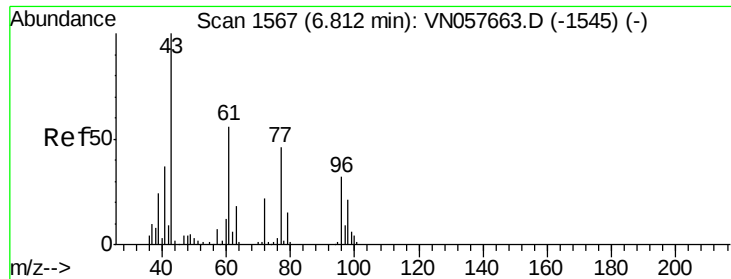
Ion Ratio Lower Upper

114 100

63 25.7 20.6 30.8

88 17.5 14.3 21.5

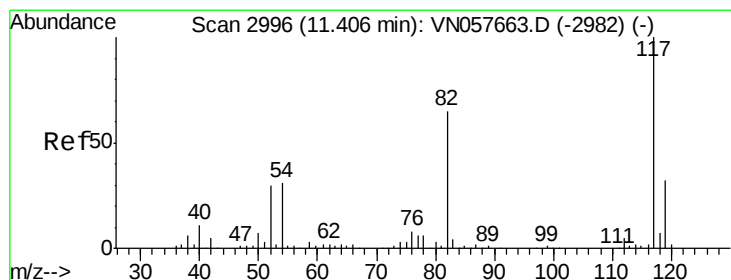
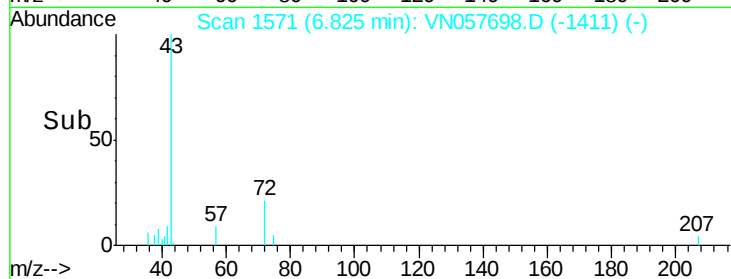
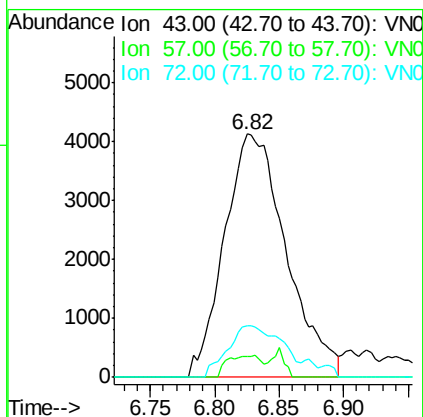
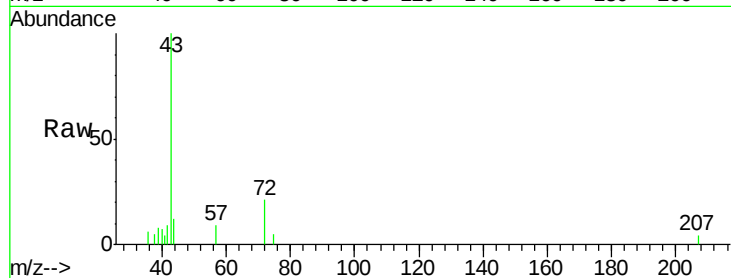




#30
 2-Butanone
 Concen: 5.124 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: VN057698.D
 Acq: 5 Sep 2019 12:09

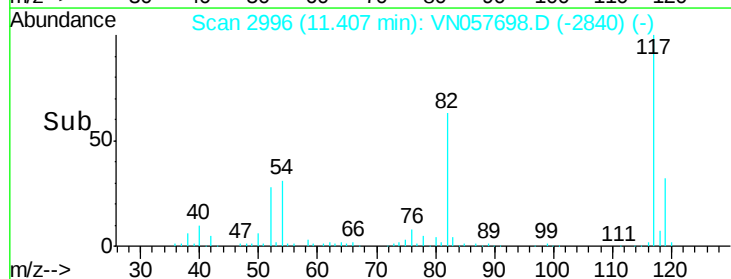
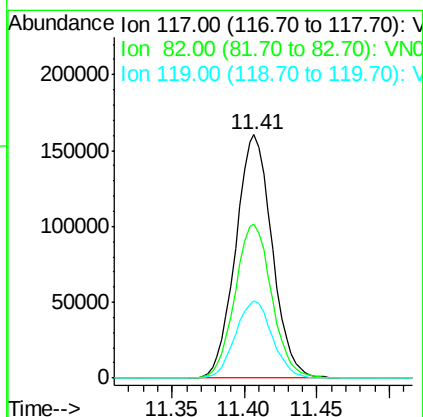
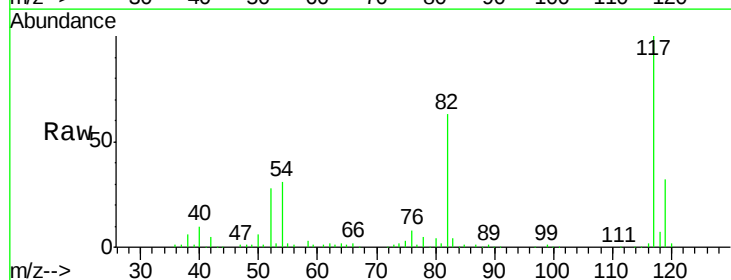
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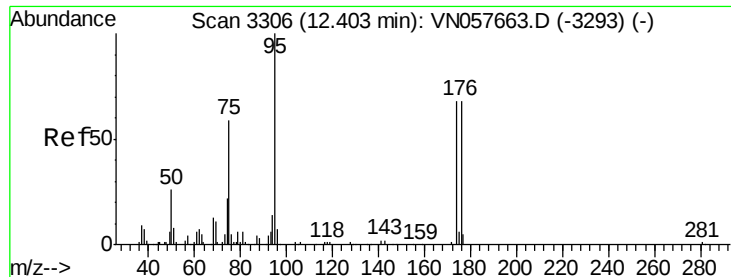
Tot Ion: 43 Resp: 13749
 Ion Ratio Lower Upper
 43 100
 57 1.6 2.6 3.8#
 72 12.8 18.1 27.1#



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN057698.D
 Acq: 5 Sep 2019 12:09

Tgt Ion: 117 Resp: 280376
 Ion Ratio Lower Upper
 117 100
 82 63.7 51.2 76.8
 119 32.0 25.8 38.6

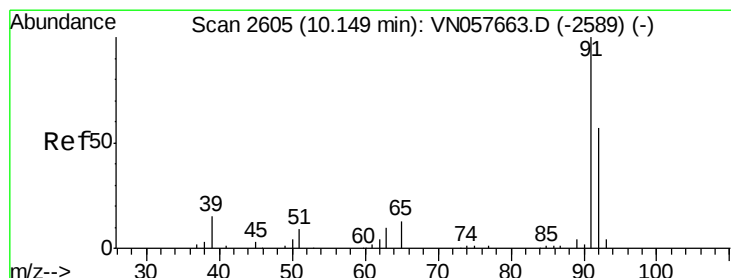
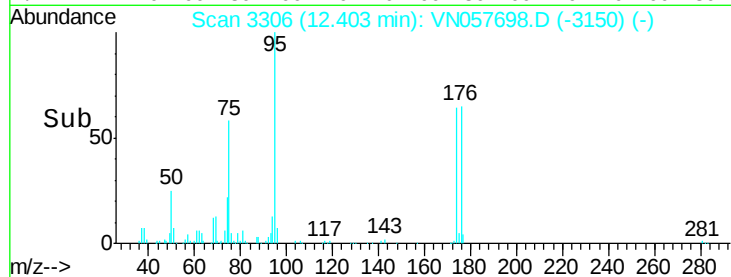
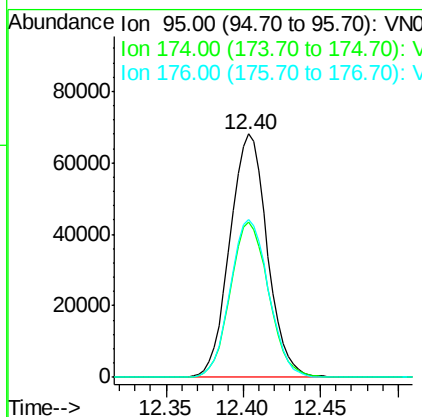
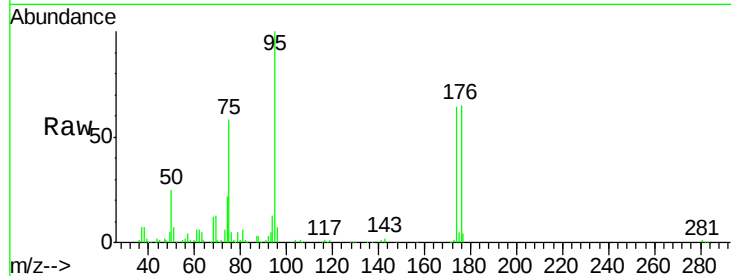




#60
4-Bromofluorobenzene
Concen: 23.883 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057698.D
Acq: 5 Sep 2019 12:09

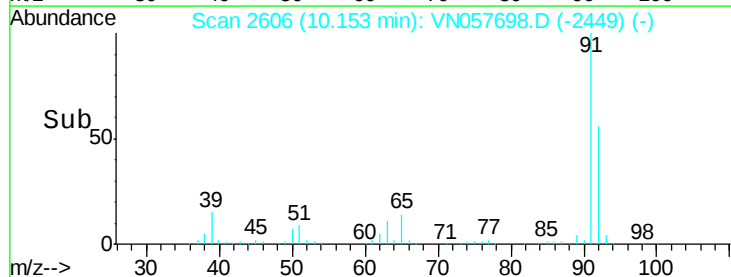
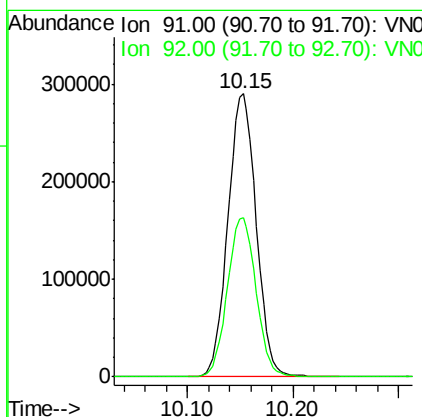
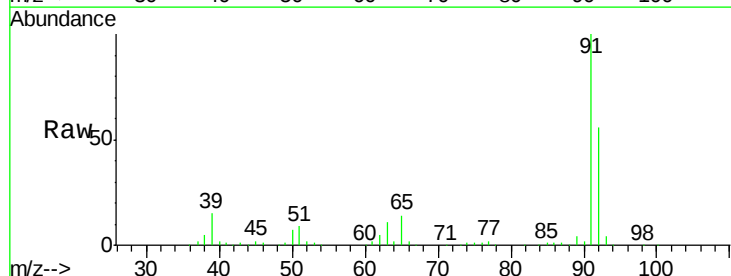
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MSVOA_N
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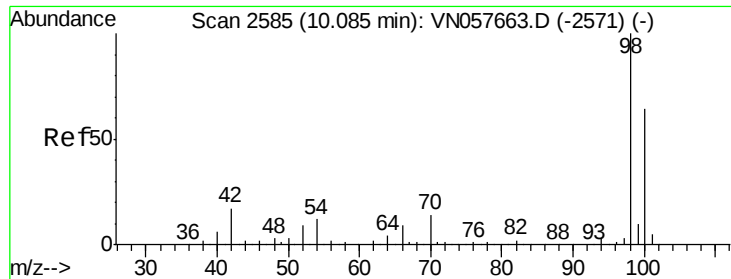
Tot Ion: 95 Resp: 114401
Ion Ratio Lower Upper
95 100
174 65.3 55.0 82.6
176 66.5 53.7 80.5



#62
Toluene
Concen: 34.141 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VN057698.D
Acq: 5 Sep 2019 12:09

Tgt Ion: 91 Resp: 537454
Ion Ratio Lower Upper
91 100
92 56.9 46.1 69.1





#63

Toluene-d8

Concen: 32.085 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057698.D

Acq: 5 Sep 2019 12:09

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE-(SEP)

Tot Ion: 98 Resp: 433184

Ion Ratio Lower Upper

98 100

100 63.1 51.0 76.6

