

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060619\
 Data File : VN056023.D
 Acq On : 5 Jun 2019 23:03
 Operator : JC/SP
 Sample : K3180-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Jun 06 04:35:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	55696	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	304109	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	253891	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	106960	30.93	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.10%
60) 4-Bromofluorobenzene	12.40	95	93280	24.79	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	82.63%
63) Toluene-d8	10.09	98	353872	30.73	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.43%

Target Compounds

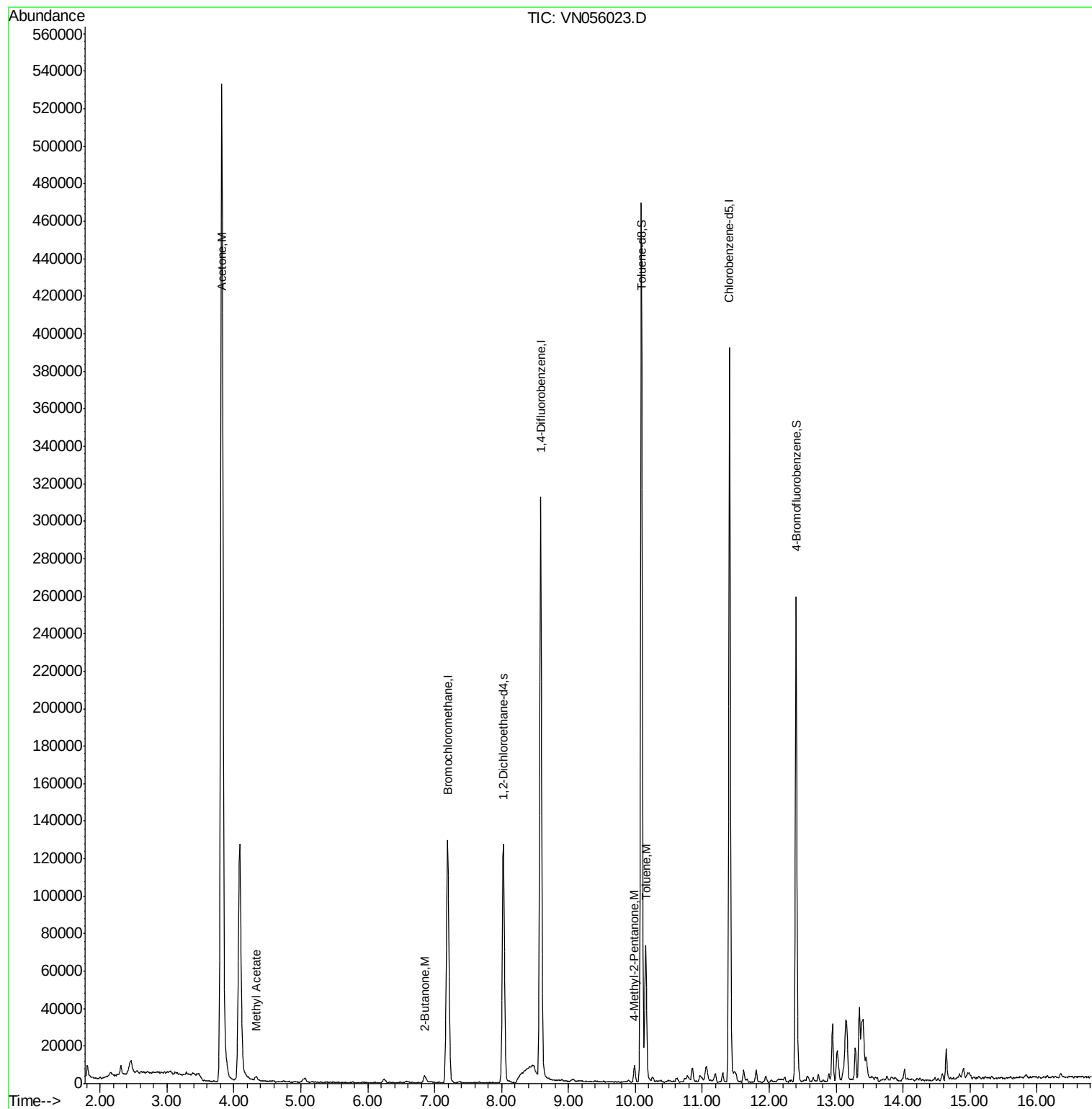
					Ovalue	
12) Methyl Acetate	4.33	43	3537	1.012	ug/l #	79
15) Acetone	3.82	58	291683	571.778	ug/l	96
30) 2-Butanone	6.85	43	7500	3.463	ug/l #	81
58) 4-Methyl-2-Pentanone	9.99	43	7385	1.921	ug/l	92
62) Toluene	10.16	91	57999	4.232	ug/l	99

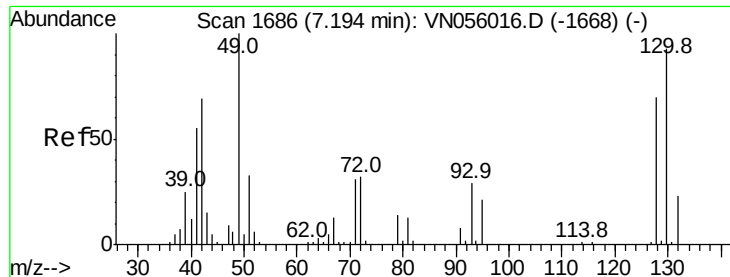
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060619\
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Response via : Initial Calibration

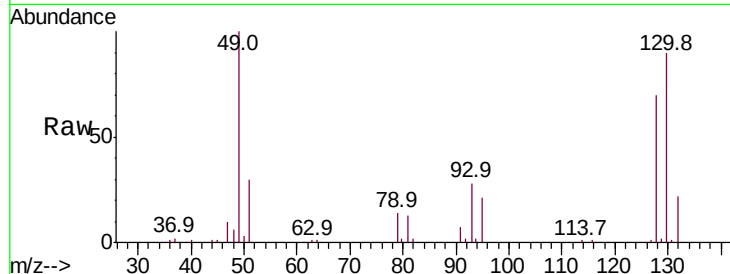




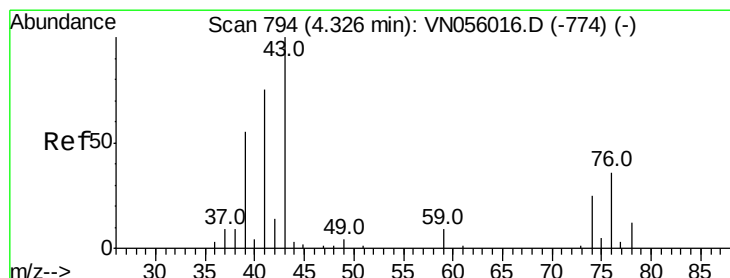
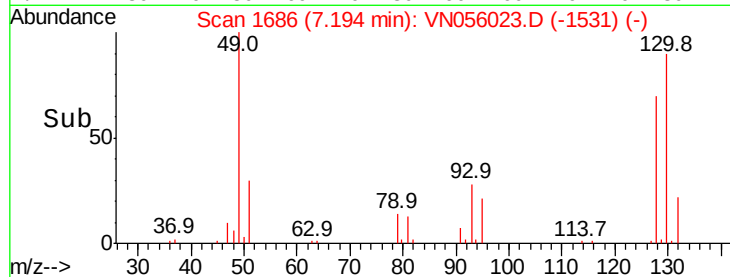
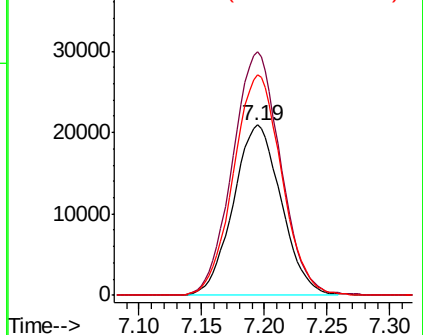
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN056023.D
 Acq: 5 Jun 2019 23:03

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

Tot Ion:128 Resp: 55696
 Ion Ratio Lower Upper
 128 100
 49 142.8 0.0 355.8
 130 130.4 0.0 326.3

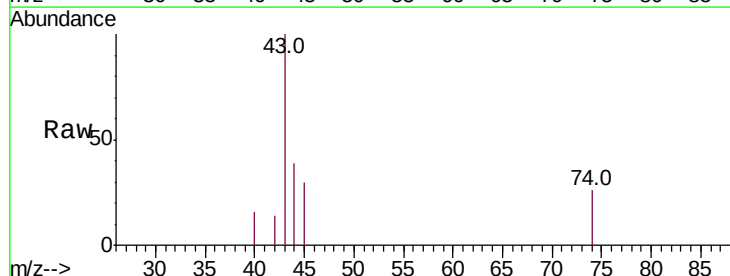


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

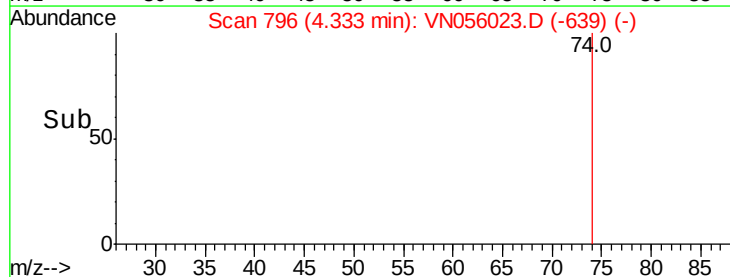
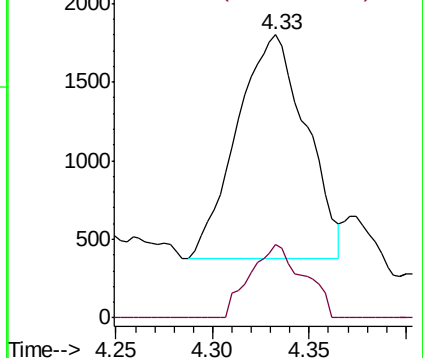


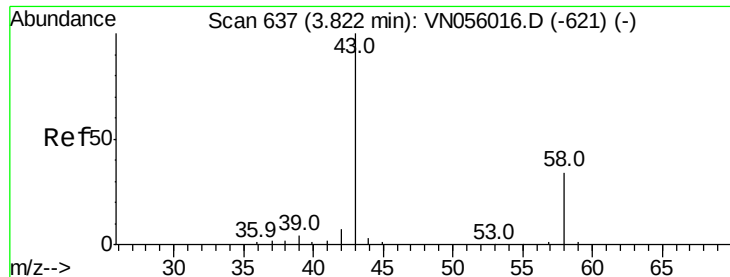
#12
 Methyl Acetate
 Concen: 1.012 ug/l
 RT: 4.33 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: VN056023.D
 Acq: 5 Jun 2019 23:03

Tgt Ion: 43 Resp: 3537
 Ion Ratio Lower Upper
 43 100
 74 35.6 19.9 29.9#



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





#15

Acetone

Concen: 571.778 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056023.D

Acq: 5 Jun 2019 23:03

Instrument :

MSVOA_N

ClientSampleId :

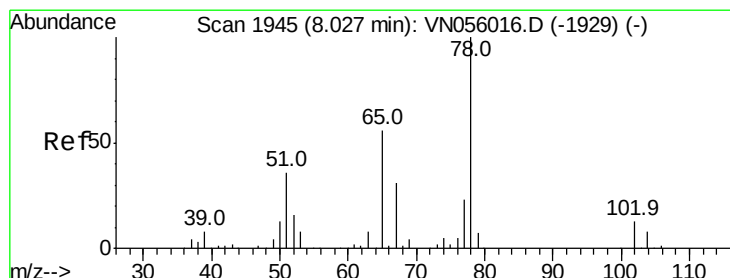
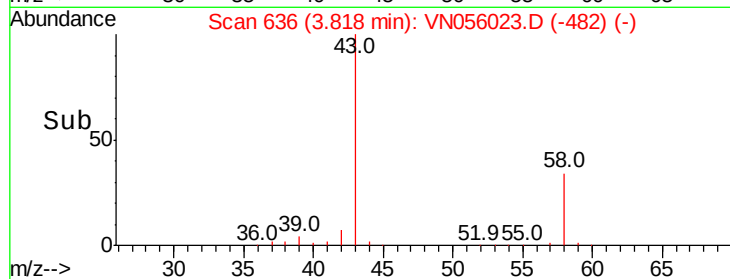
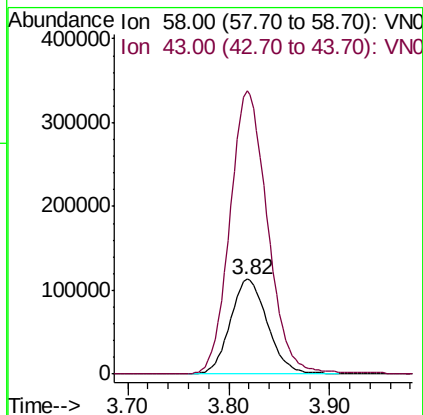
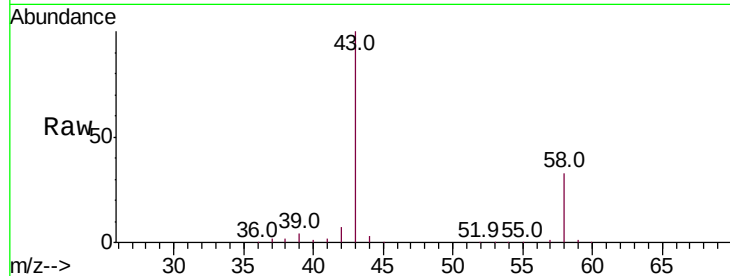
002-35TH-AVE(JUNE)

Tot Ion: 58 Resp: 291683

Ion Ratio Lower Upper

58 100

43 298.3 232.5 348.7



#27

1,2-Dichloroethane-d4

Concen: 30.925 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056023.D

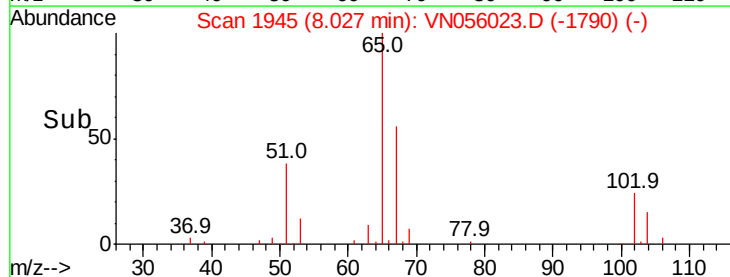
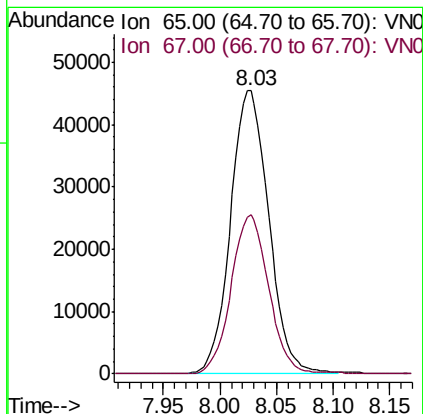
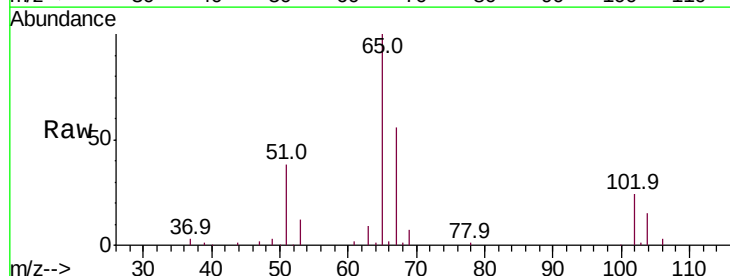
Acq: 5 Jun 2019 23:03

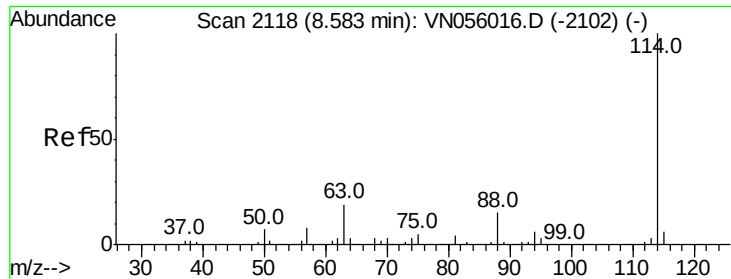
Tgt Ion: 65 Resp: 106960

Ion Ratio Lower Upper

65 100

67 55.1 43.4 65.2

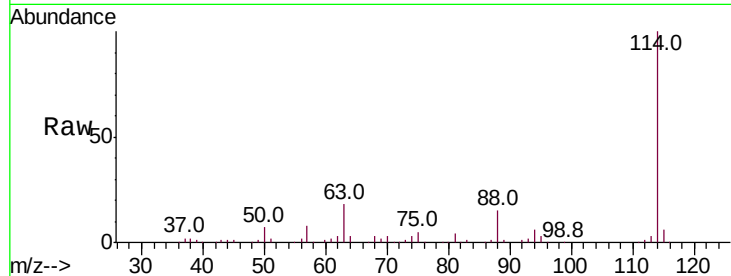




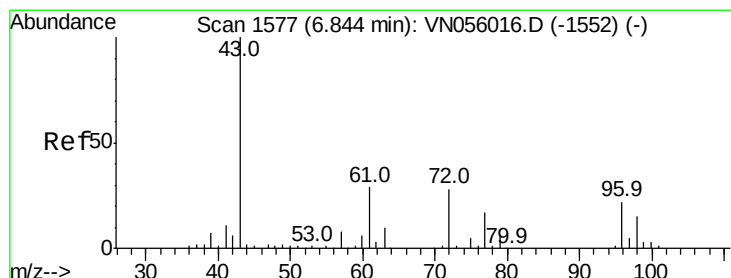
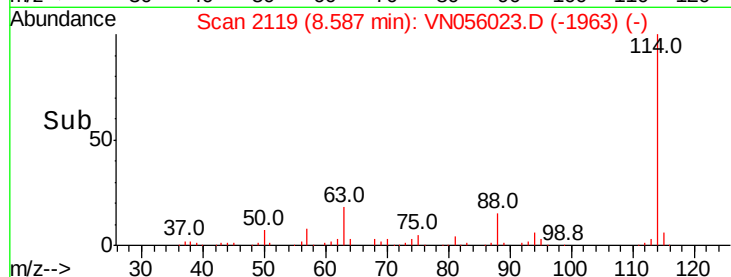
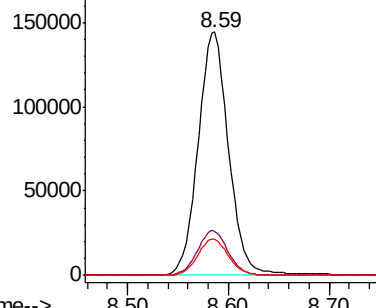
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056023.D
 Acq: 5 Jun 2019 23:03

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

Tot Ion:114 Resp: 304109
 Ion Ratio Lower Upper
 114 100
 63 18.3 14.7 22.1
 88 15.0 11.9 17.9

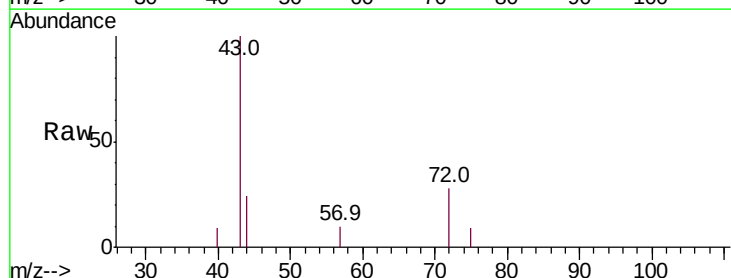


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

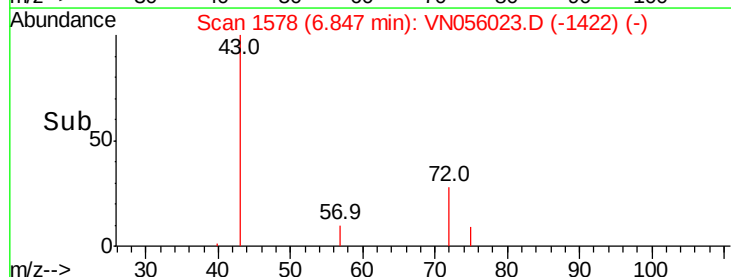
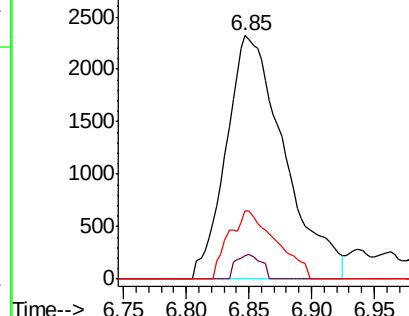


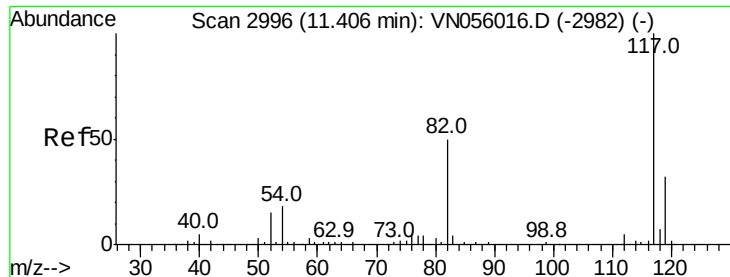
#30
 2-Butanone
 Concen: 3.463 ug/l
 RT: 6.85 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VN056023.D
 Acq: 5 Jun 2019 23:03

Tgt Ion: 43 Resp: 7500
 Ion Ratio Lower Upper
 43 100
 57 4.0 6.7 10.1#
 72 17.1 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN
 Ion 57.00 (56.70 to 57.70): VN
 Ion 72.00 (71.70 to 72.70): VN

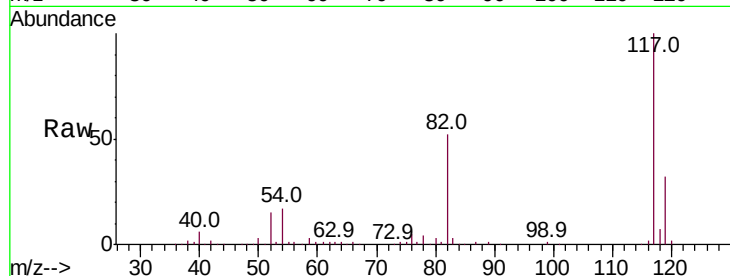




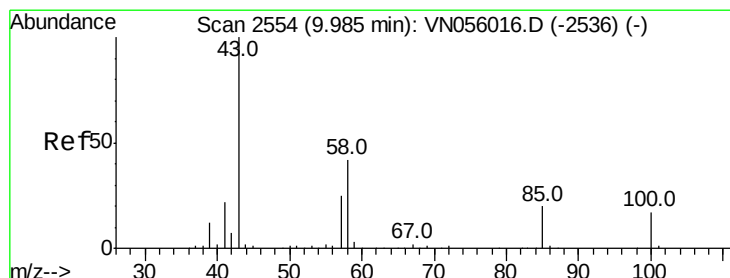
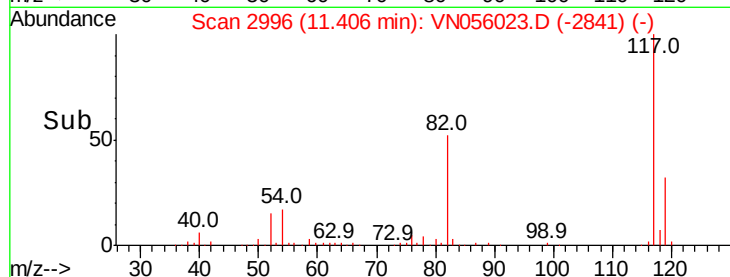
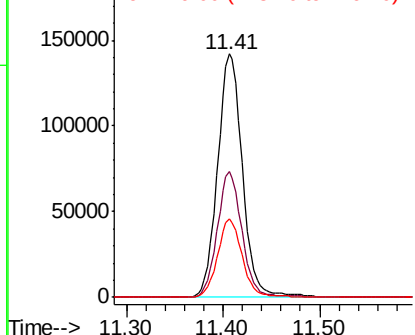
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056023.D
Acq: 5 Jun 2019 23:03

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

Tot Ion:117 Resp: 253891
Ion Ratio Lower Upper
117 100
82 51.1 41.2 61.8
119 32.0 26.2 39.2

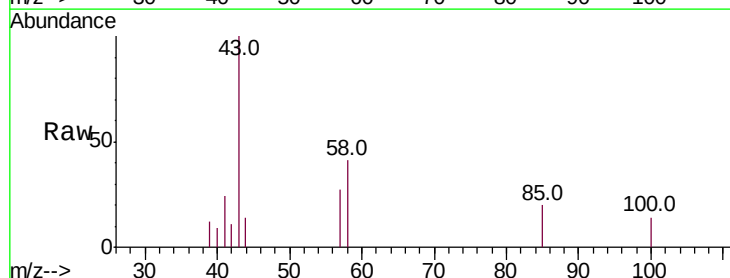


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

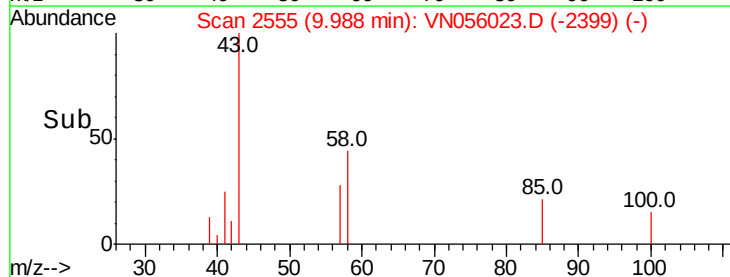
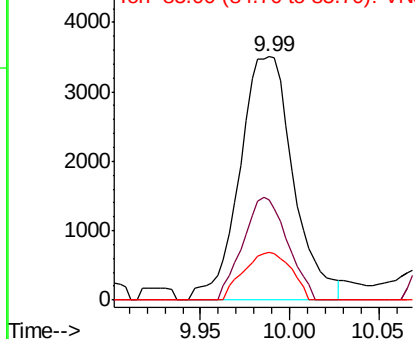


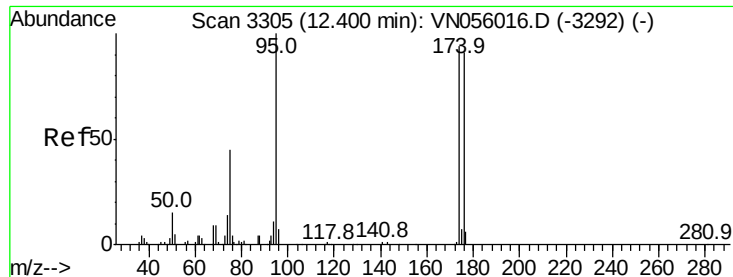
#58
4-Methyl-2-Pentanone
Concen: 1.921 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN056023.D
Acq: 5 Jun 2019 23:03

Tgt Ion: 43 Resp: 7385
Ion Ratio Lower Upper
43 100
58 35.1 33.1 49.7
85 17.3 15.5 23.3



Abundance Ion 43.00 (42.70 to 43.70): VN
Ion 58.00 (57.70 to 58.70): VN
Ion 85.00 (84.70 to 85.70): VN





#60

4-Bromofluorobenzene

Concen: 24.787 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056023.D

Acq: 5 Jun 2019 23:03

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE(JUNE)

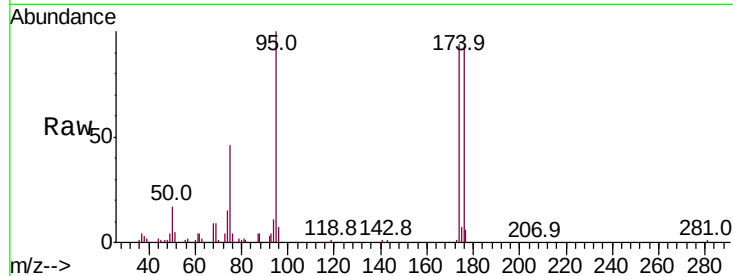
Tot Ion: 95 Resp: 93280

Ion Ratio Lower Upper

95 100

174 95.2 75.4 113.0

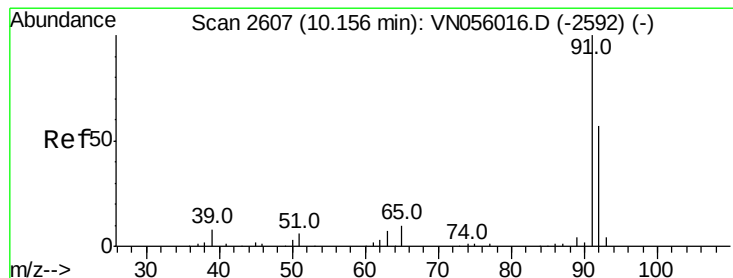
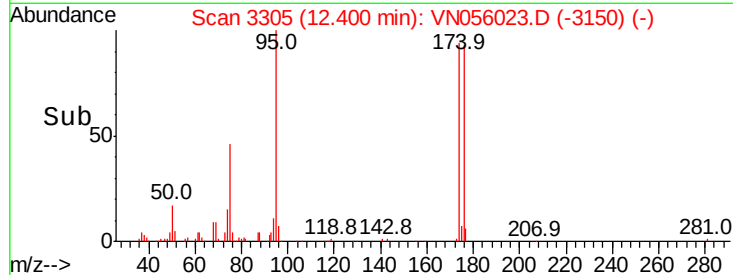
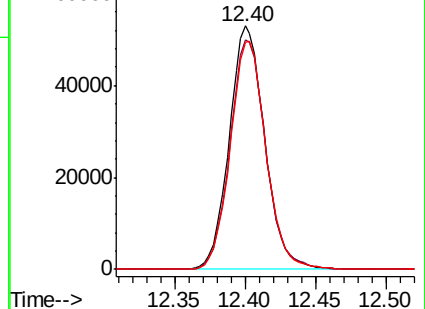
176 94.0 73.9 110.9



Abundance Ion 95.00 (94.70 to 95.70): VN056016.D (-3292) (-)

Ion 174.00 (173.70 to 174.70): VN056016.D (-3292) (-)

Ion 176.00 (175.70 to 176.70): VN056016.D (-3292) (-)



#62

Toluene

Concen: 4.232 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN056023.D

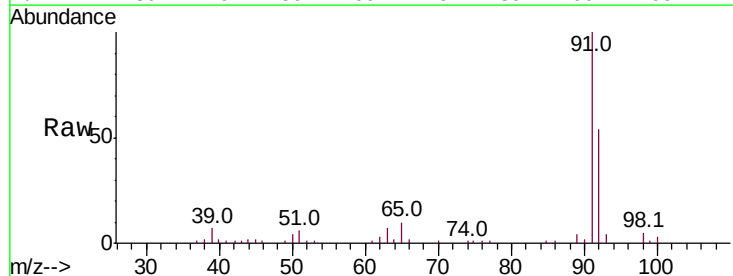
Acq: 5 Jun 2019 23:03

Tgt Ion: 91 Resp: 57999

Ion Ratio Lower Upper

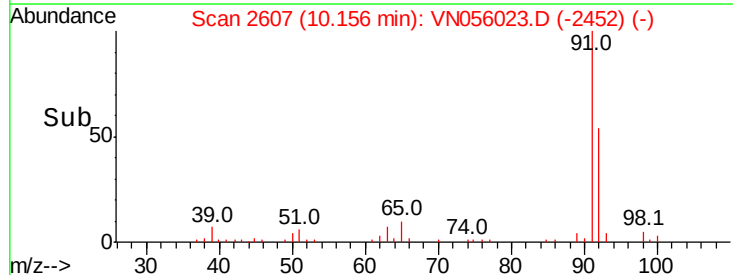
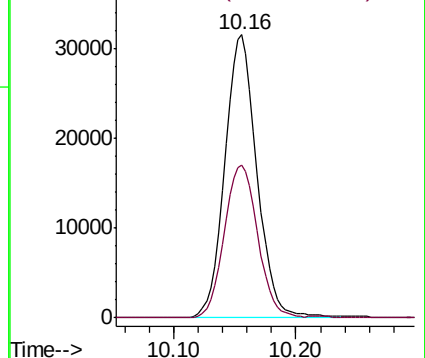
91 100

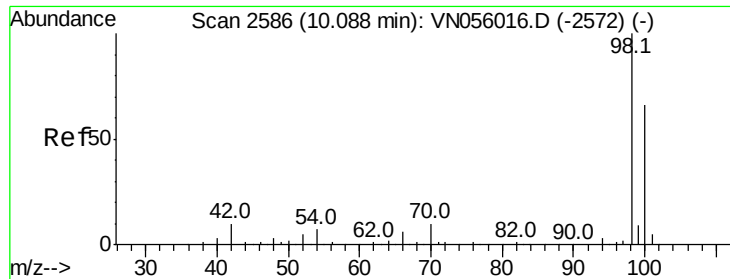
92 56.2 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): VN056016.D (-2592) (-)

Ion 92.00 (91.70 to 92.70): VN056016.D (-2592) (-)





#63

Toluene-d8

Concen: 30.725 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056023.D

Acq: 5 Jun 2019 23:03

Instrument :

MSVOA_N

ClientSampleId :

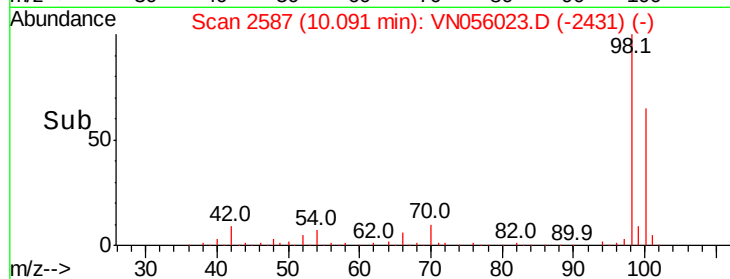
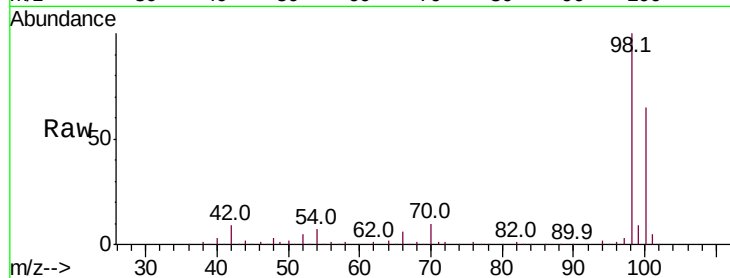
002-35TH-AVE(JUNE)

Tot Ion: 98 Resp: 353872

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

