

Data File : VV012323.D
Acq On : 21 Aug 2019 19:32
Operator : SY/MD
Sample : K4464-09
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEJW4

Quant Time: Aug 22 03:52:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 03:48:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	218080	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	200564	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	95553	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49809	48.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.48%
7) Chloroethane-d5	1.58	69	37229	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.58%
11) 1,1-Dichloroethene-d2	2.13	63	78445	38.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.18%
21) 2-Butanone-d5	3.93	46	67091	83.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.37%
24) Chloroform-d	4.40	84	138151	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	5.08	65	103594	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.38%
32) Benzene-d6	5.10	84	269270	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.68%
36) 1,2-Dichloropropane-d6	6.12	67	73640	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.82%
41) Toluene-d8	7.36	98	260642	50.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.66	79	44089	49.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.98%
47) 2-Hexanone-d5	8.13	63	54012	90.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	100785	48.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.86%
64) 1,2-Dichlorobenzene-d4	11.67	152	108794	51.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.58%

Target Compounds

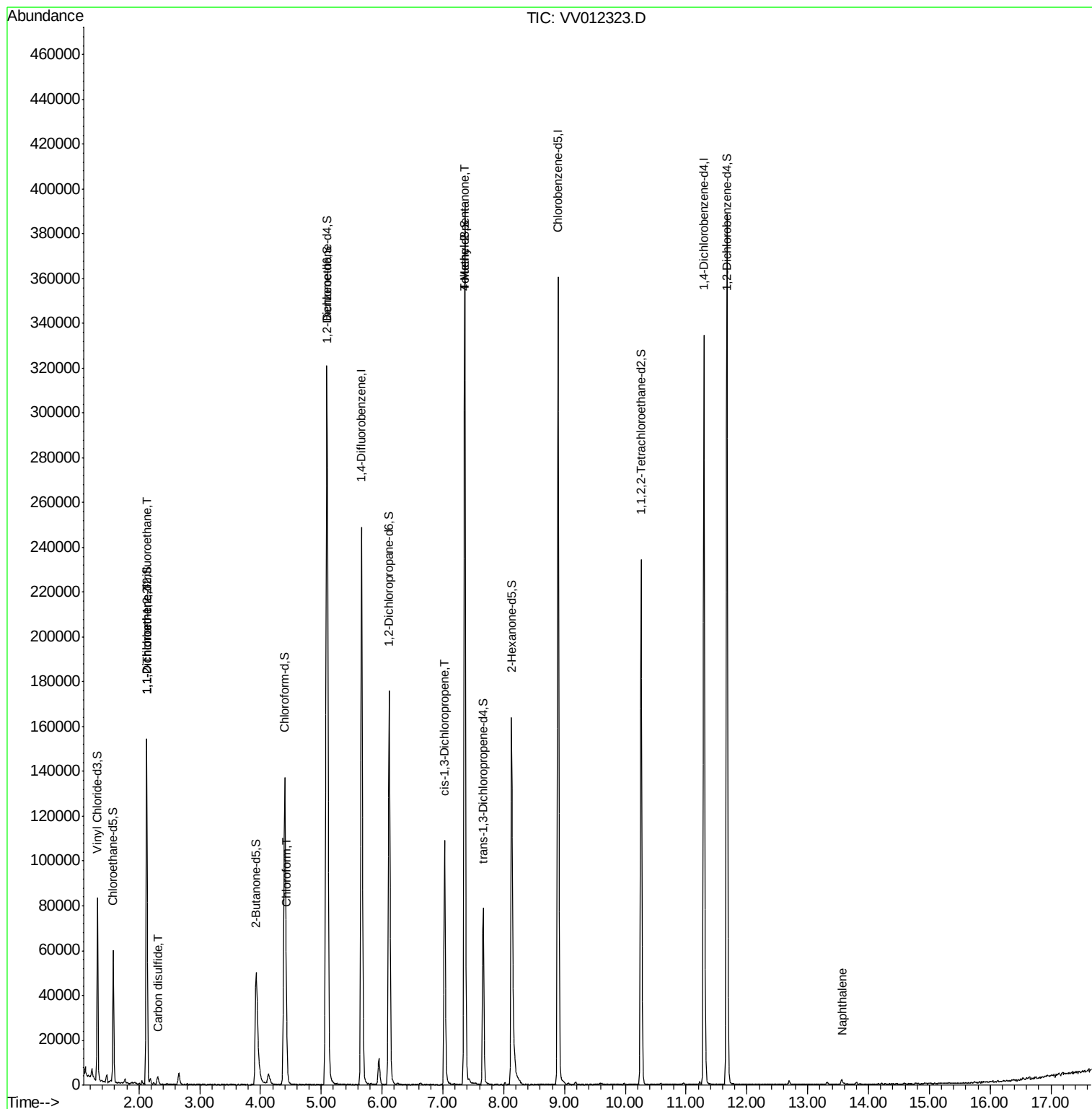
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	796	0.829	ug/L #	23
12) 1,1-Dichloroethene	2.13	96	578	0.659	ug/L #	1
14) Carbon disulfide	2.31	76	2182	0.661	ug/L #	86
25) Chloroform	4.43	83	7219	2.623	ug/L	95
39) cis-1,3-Dichloropropene	7.03	75	2878	1.353	ug/L #	75
40) 4-Methyl-2-pentanone	7.36	43	1176	0.763	ug/L #	1
69) Naphthalene	13.56	128	2984	0.602	ug/L #	91

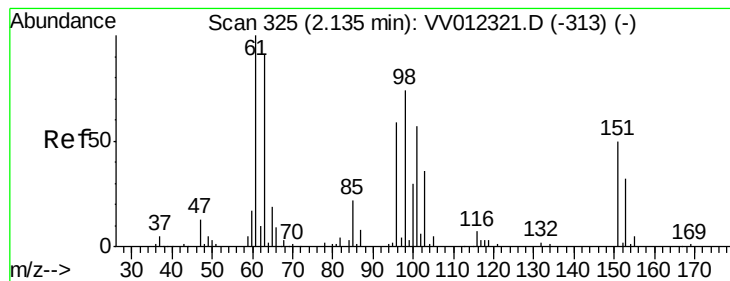
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.829 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

BEJW4

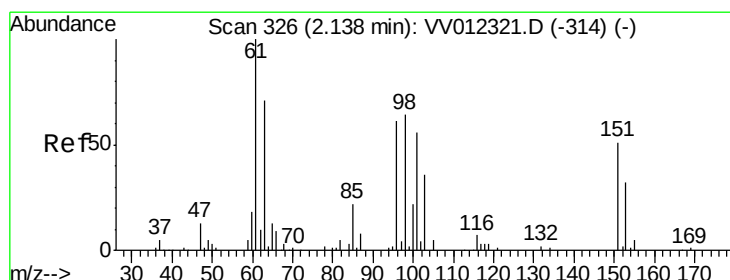
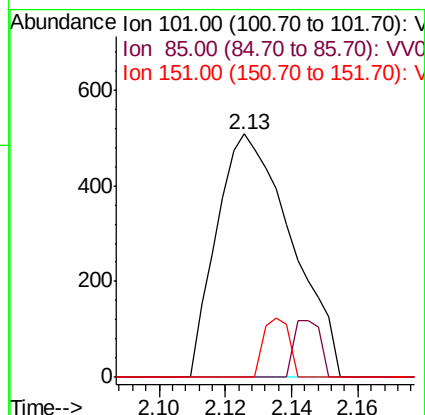
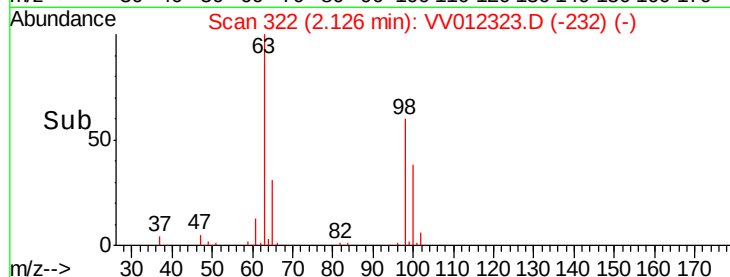
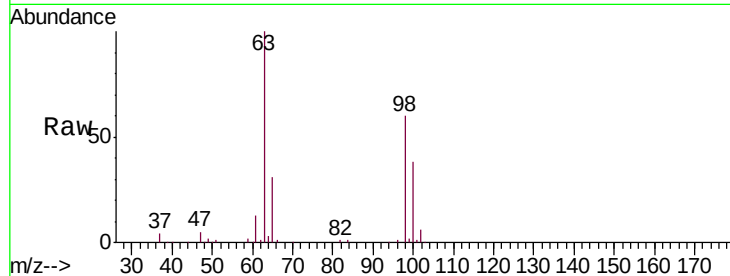
Tgt Ion: 101 Resp: 796

Ion Ratio Lower Upper

101 100

85 8.3 33.7 50.5#

151 8.3 73.0 109.6#



#12

1,1-Dichloroethene

Concen: 0.659 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012323.D

Acq: 21 Aug 2019 19:32

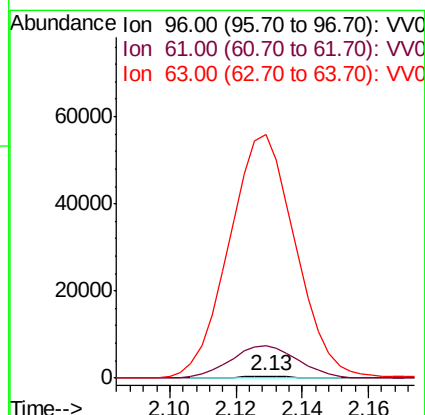
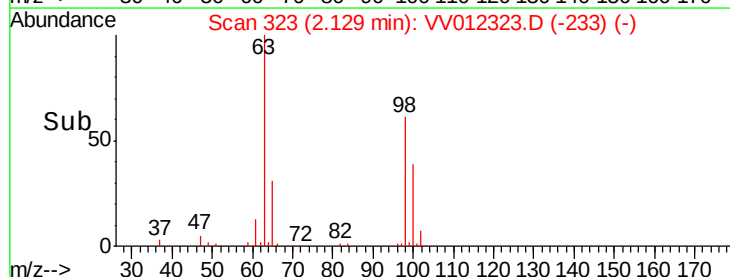
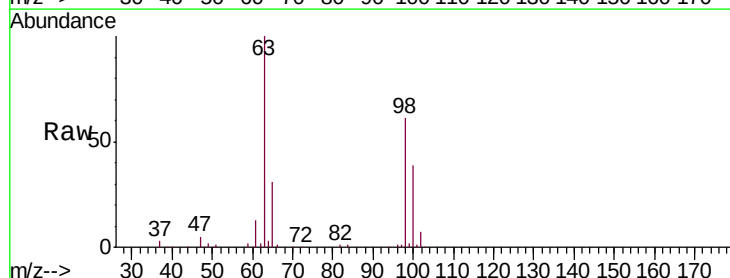
Tgt Ion: 96 Resp: 578

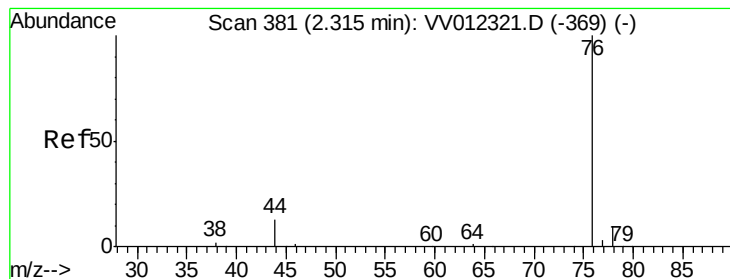
Ion Ratio Lower Upper

96 100

61 1770.5 122.6 227.8#

63 13398.6 98.6 183.2#





#14

Carbon disulfide

Concen: 0.661 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV012323.D

Acq: 21 Aug 2019 19:32

Instrument :

MSVOA_V

ClientSampled :

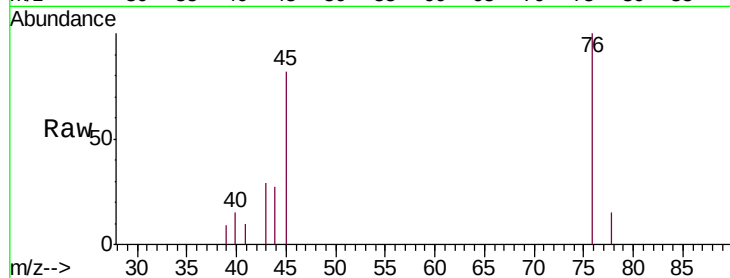
BEJW4

Tgt Ion: 76 Resp: 2182

Ion Ratio Lower Upper

76 100

78 14.6 7.6 11.4#



Abundance Ion 76.00 (75.70 to 76.70): VV012321.D (-369) (-)

Ion 78.00 (77.70 to 78.70): VV012321.D (-369) (-)

2.31

1500

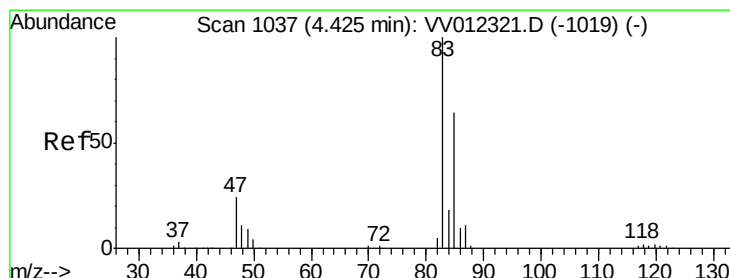
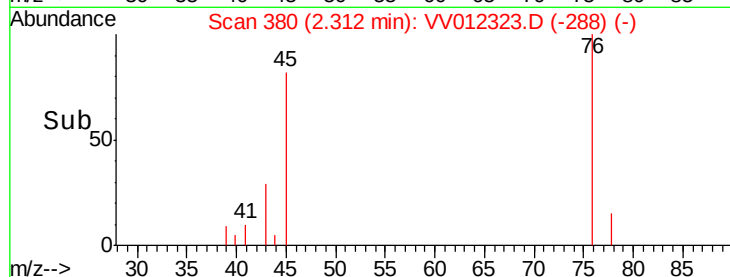
1000

500

0

2.28 2.30 2.32 2.34 2.36

Time-->



#25

Chloroform

Concen: 2.623 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VV012323.D

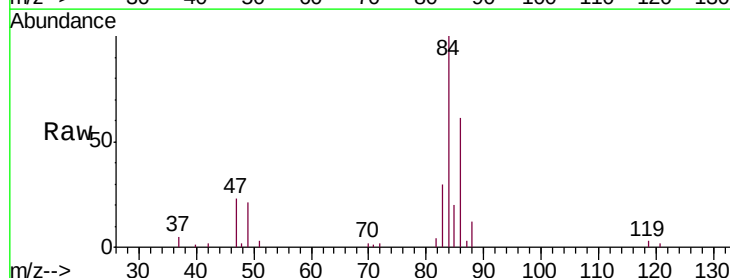
Acq: 21 Aug 2019 19:32

Tgt Ion: 83 Resp: 7219

Ion Ratio Lower Upper

83 100

85 67.6 44.5 82.7



Abundance Ion 83.00 (82.70 to 83.70): VV012321.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV012321.D (-1019) (-)

4.43

3000

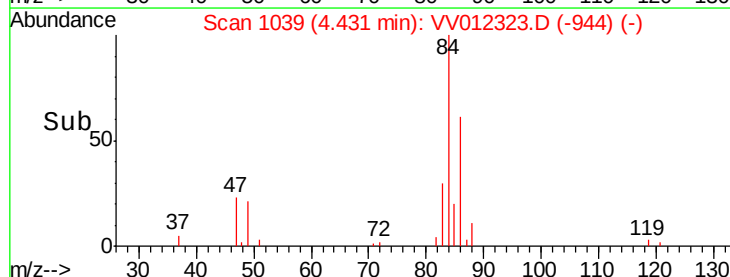
2000

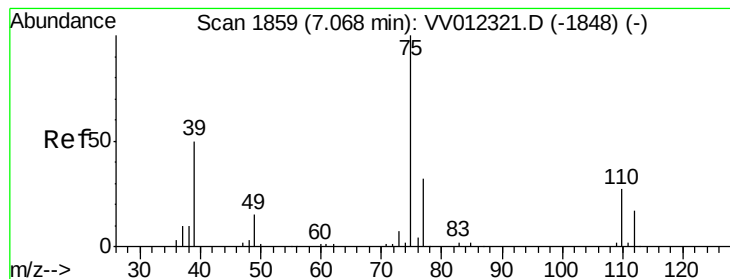
1000

0

4.35 4.40 4.45 4.50

Time-->





#39

cis-1,3-Dichloropropene

Concen: 1.353 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV012323.D

Acq: 21 Aug 2019 19:32

Instrument :

MSVOA_V

ClientSampleId :

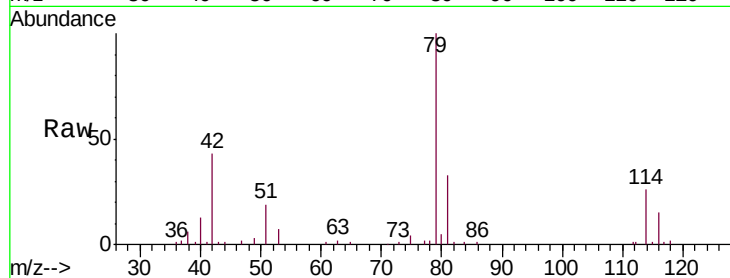
BEJW4

Tgt Ion: 75 Resp: 2878

Ion Ratio Lower Upper

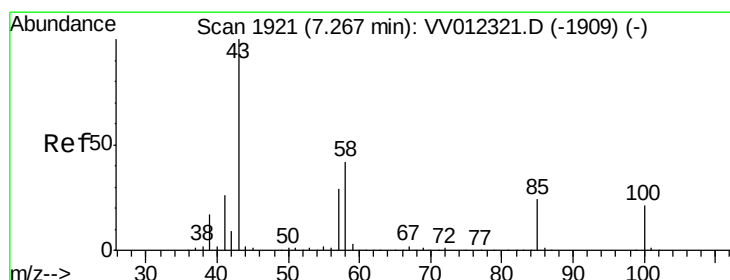
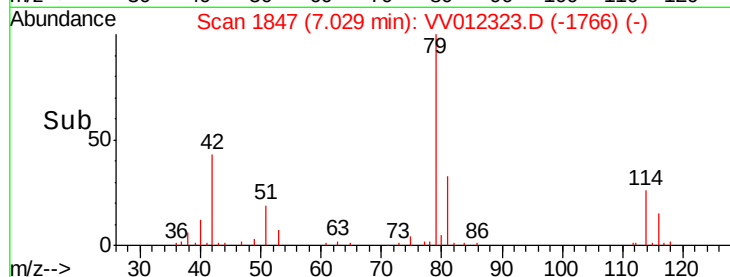
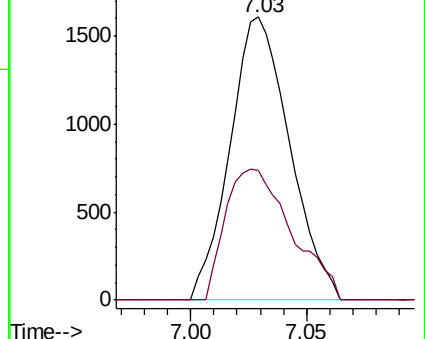
75 100

77 46.1 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#40

4-Methyl-2-pentanone

Concen: 0.763 ug/L

RT: 7.36 min Scan# 1950

Delta R.T. 0.09 min

Lab File: VV012323.D

Acq: 21 Aug 2019 19:32

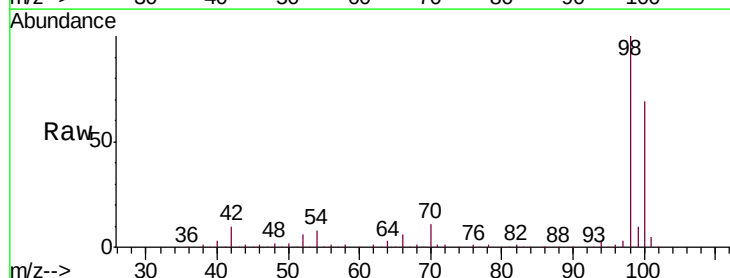
Tgt Ion: 43 Resp: 1176

Ion Ratio Lower Upper

43 100

58 175.0 33.7 50.5#

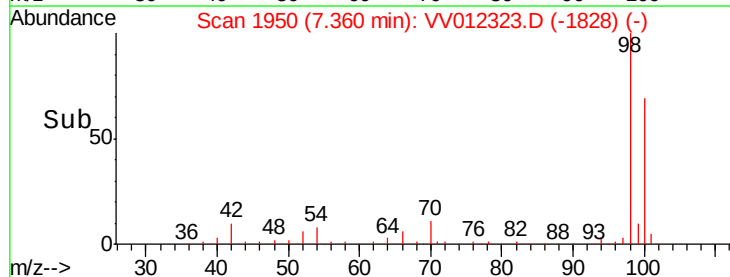
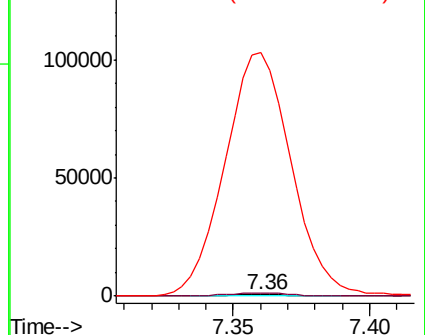
100 14900.3 17.8 26.6#

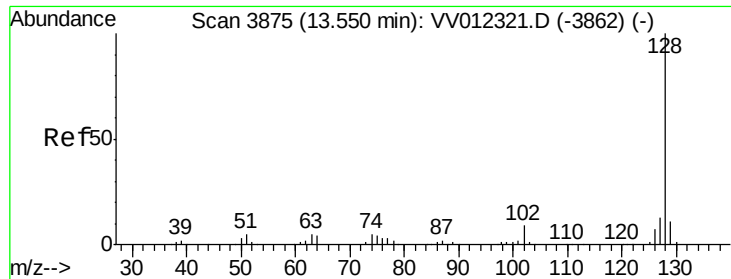


Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#69

Naphthalene

Concen: 0.602 ug/L

RT: 13.56 min Scan# 3878

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

BEJW4

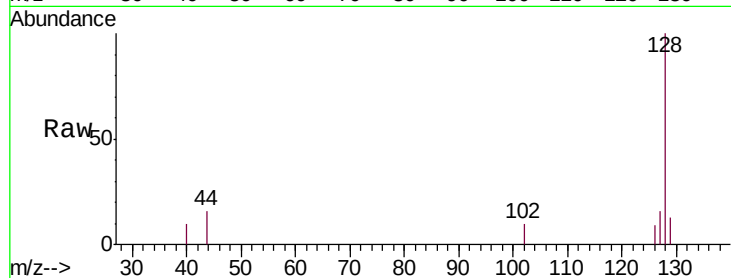
Tgt Ion:128 Resp: 2984

Ion Ratio Lower Upper

128 100

127 11.9 10.2 15.4

129 4.9 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

2000 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

