

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040320\
 Data File : VV015402.D
 Acq On : 03 Apr 2020 17:43
 Operator : SY/MD
 Sample : L2045-02
 Misc : 11.35G/5.0mL/100 uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK02

Quant Time: Apr 04 00:18:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 04 00:09:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	735771	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	702107	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	361480	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	278268	42.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.36%
7) Chloroethane-d5	1.58	69	239902	42.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.14%
11) 1,1-Dichloroethene-d2	2.11	63	615716	52.21	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.42%
21) 2-Butanone-d5	3.76	46	72	0.02	ug/L	-0.18
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.02%#
24) Chloroform-d	4.37	84	465948	42.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.56%
26) 1,2-Dichloroethane-d4	5.05	65	302516	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.18%
32) Benzene-d6	5.07	84	996163	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
36) 1,2-Dichloropropane-d6	6.09	67	298357	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.60%
41) Toluene-d8	7.33	98	947126	45.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.62%
43) trans-1,3-Dichloropropene-	7.64	79	159076	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.32%
47) 2-Hexanone-d5	8.13	63	267004	91.71	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.71%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	430235	47.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	379599	46.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.32%

Target Compounds

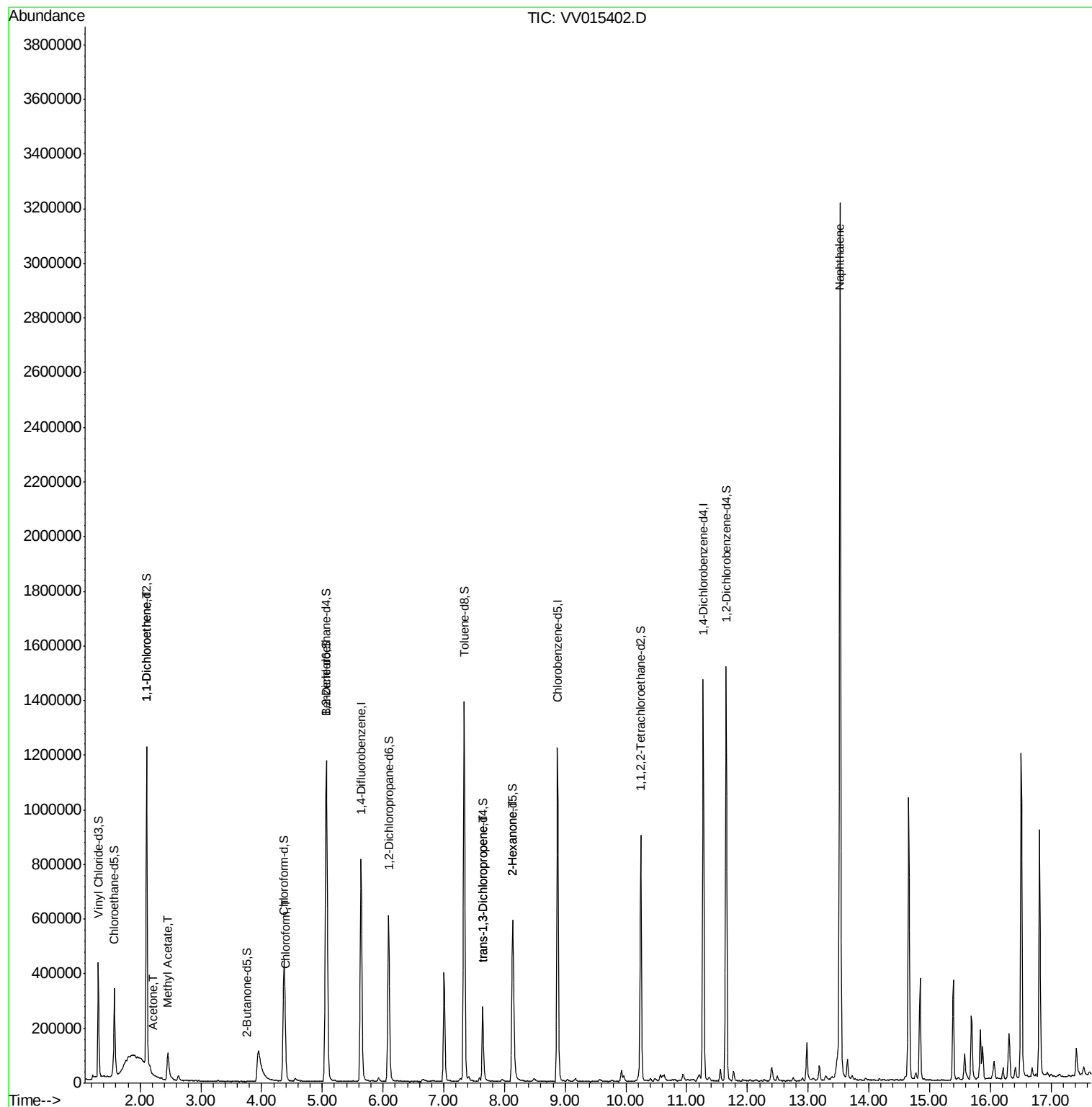
					Ovalue
12) 1,1-Dichloroethene	2.11	96	5039	0.957 ug/L #	1
13) Acetone	2.22	43	3802	1.652 ug/L	70
15) Methyl Acetate	2.46	43	161799	32.098 ug/L	98
25) Chloroform	4.40	83	12787	1.289 ug/L #	74
44) trans-1,3-Dichloropropene	7.64	75	7775	0.934 ug/L	86
48) 2-Hexanone	8.13	43	30098	5.543 ug/L #	76
69) Naphthalene	13.53	128	2531540	89.886 ug/L	100

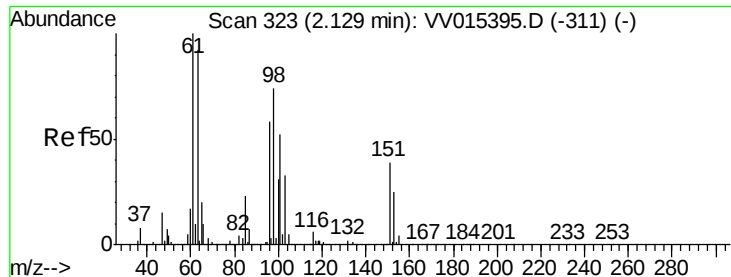
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 04 00:09:13 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.957 ug/L

RT: 2.11 min Scan# 316

Delta R.T. -0.02 min

Lab File: VV015402.D

Acq: 03 Apr 2020 17:43

Instrument :

MSVOA_V

ClientSampleId :

VHBLK02

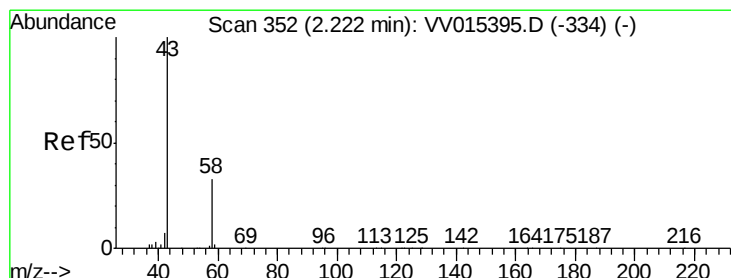
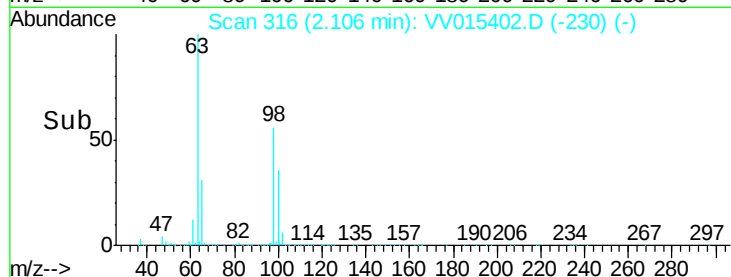
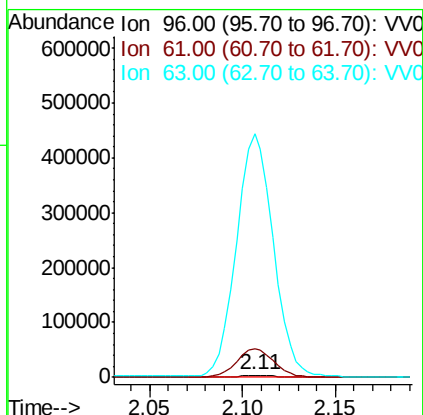
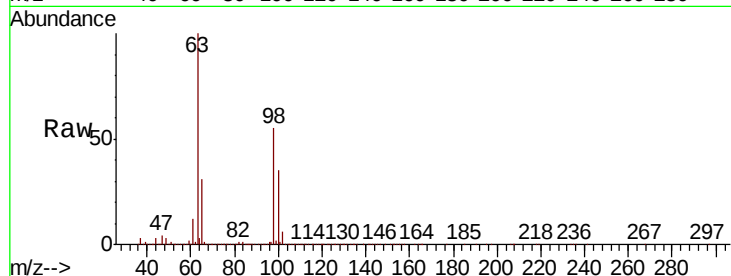
Tot Ion: 96 Resp: 5039

Ion Ratio Lower Upper

96 100

61 1555.0 118.0 219.2#

63 13205.7 92.3 171.3#



#13

Acetone

Concen: 1.652 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.00 min

Lab File: VV015402.D

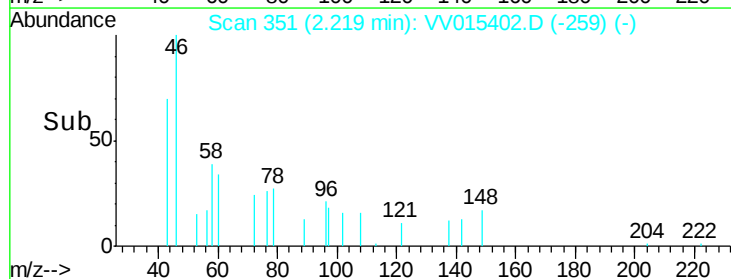
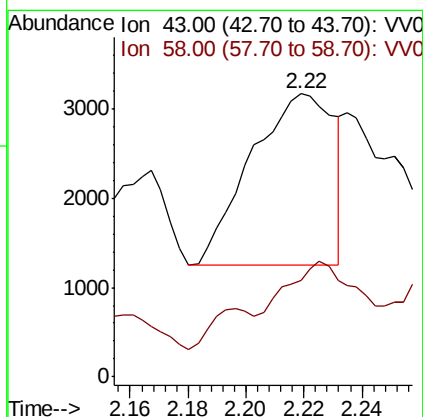
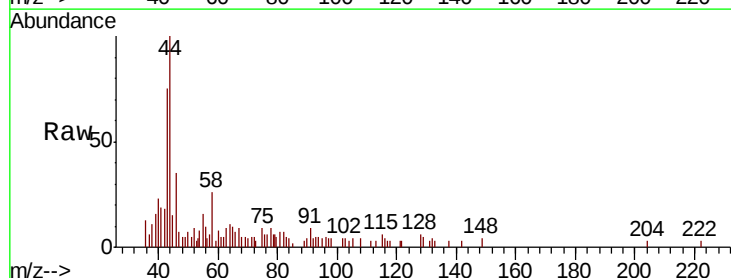
Acq: 03 Apr 2020 17:43

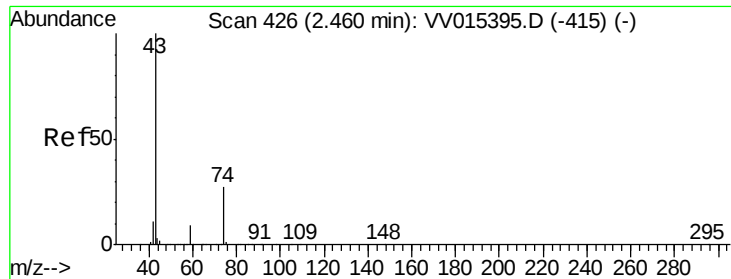
Tgt Ion: 43 Resp: 3802

Ion Ratio Lower Upper

43 100

58 51.6 0.0 68.2





#15

Methvl Acetate

Concen: 32.098 ug/L

RT: 2.46 min Scan# 425

Delta R.T. -0.00 min

Lab File: VV015402.D

Acq: 03 Apr 2020 17:43

Instrument :

MSVOA_V

ClientSampleId :

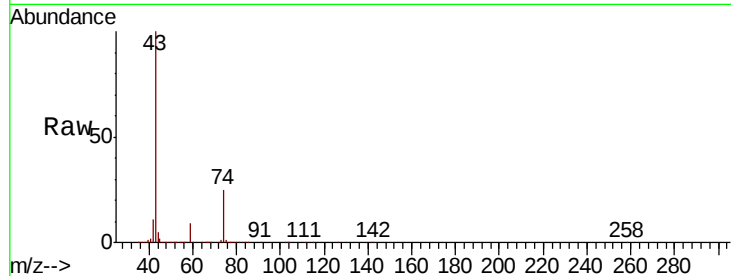
VHBLK02

Tot Ion: 43 Resp: 161799

Ion Ratio Lower Upper

43 100

74 24.9 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

2.46

60000

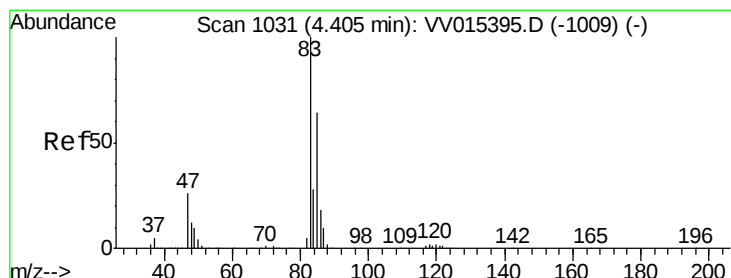
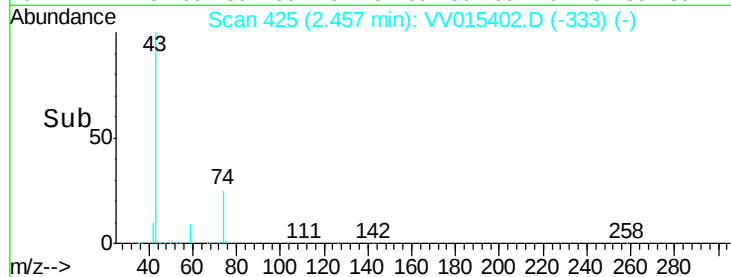
40000

20000

0

Time-->

2.40 2.50 2.60



#25

Chloroform

Concen: 1.289 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VV015402.D

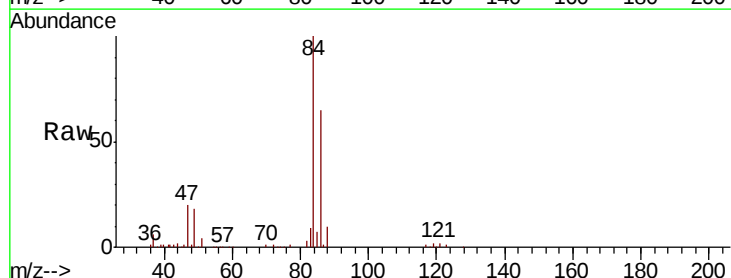
Acq: 03 Apr 2020 17:43

Tgt Ion: 83 Resp: 12787

Ion Ratio Lower Upper

83 100

85 84.5 45.1 83.9#



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.40

5000

4000

3000

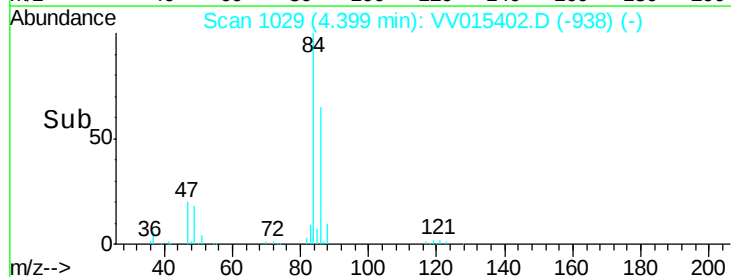
2000

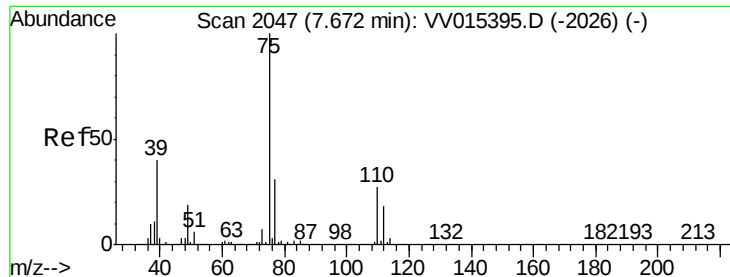
1000

0

Time-->

4.35 4.40 4.45





#44

trans-1,3-Dichloropropene

Concen: 0.934 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015402.D

Acq: 03 Apr 2020 17:43

Instrument :

MSVOA_V

ClientSampleId :

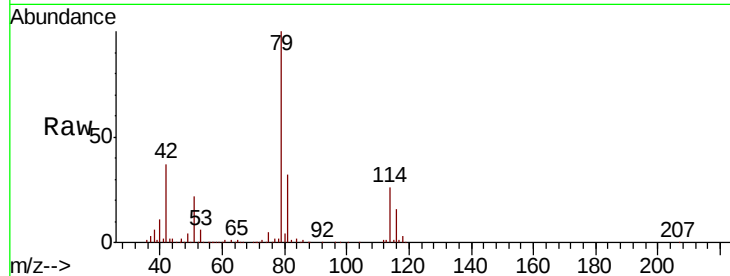
VHBLK02

Tot Ion: 75 Resp: 7775

Ion Ratio Lower Upper

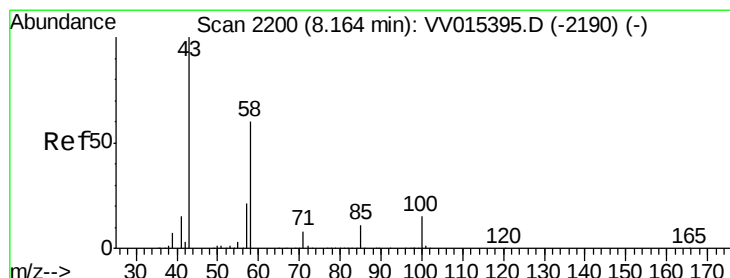
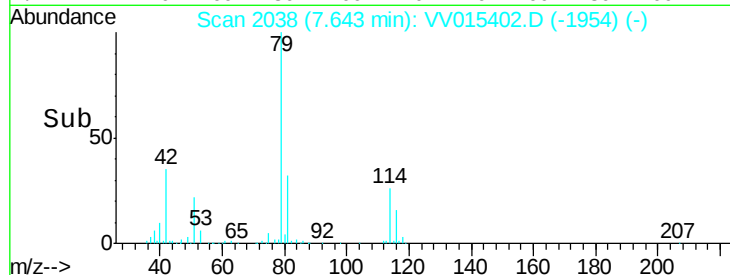
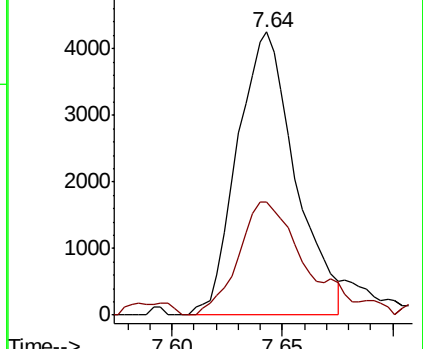
75 100

77 39.8 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 5.543 ug/L

RT: 8.13 min Scan# 2191

Delta R.T. -0.03 min

Lab File: VV015402.D

Acq: 03 Apr 2020 17:43

Tgt Ion: 43 Resp: 30098

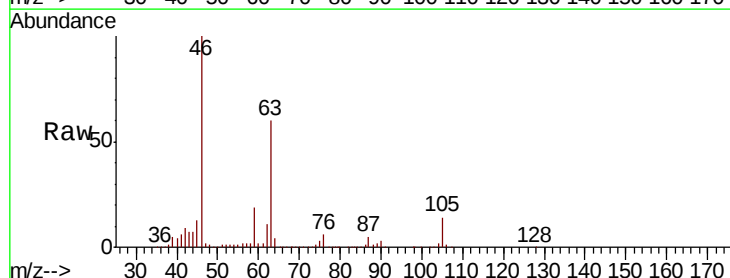
Ion Ratio Lower Upper

43 100

58 40.6 47.4 71.2#

57 27.0 16.7 25.1#

100 0.3 11.5 17.3#

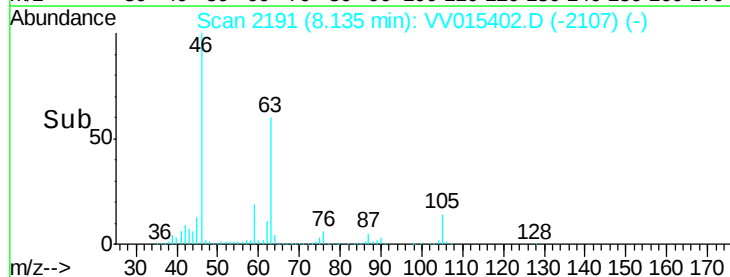
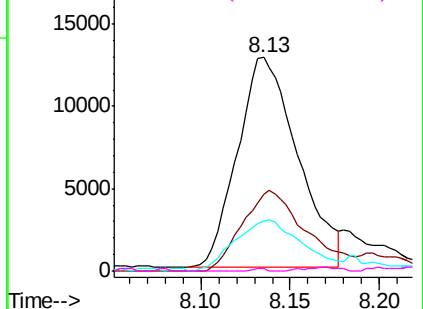


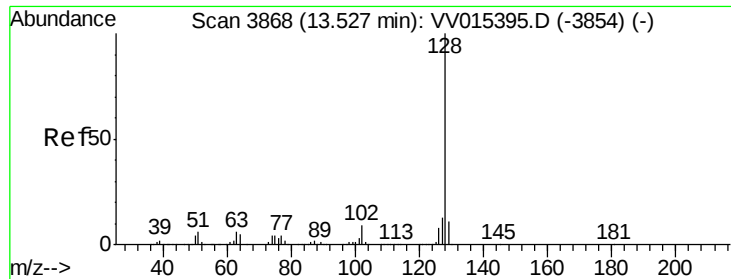
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#69

Naphthalene

Concen: 89.886 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. -0.00 min

Lab File: VV015402.D

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VHBLK02

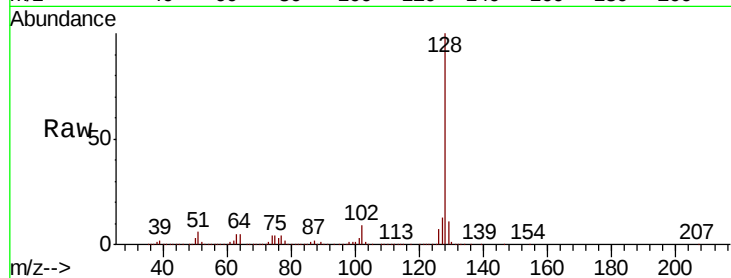
Tot Ion:128 Resp: 2531540

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

