

Data File : VV015144.D
Acq On : 25 Mar 2020 19:18
Operator : SY/MD
Sample : VV0325WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK61

Quant Time: Mar 26 02:02:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 26 02:00:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	659789	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	626856	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	273690	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	245255	44.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.92%
7) Chloroethane-d5	1.58	69	231424	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.62%
11) 1,1-Dichloroethene-d2	2.12	63	376488	34.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.28%
21) 2-Butanone-d5	3.94	46	364262	100.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.62%
24) Chloroform-d	4.38	84	419318	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.64%
26) 1,2-Dichloroethane-d4	5.06	65	284362	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.78%
32) Benzene-d6	5.08	84	842351	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.09	67	265212	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.48%
41) Toluene-d8	7.34	98	786853	45.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.10%
43) trans-1,3-Dichloropropene-	7.64	79	142740	45.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.86%
47) 2-Hexanone-d5	8.11	63	284696	99.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	395088	46.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	281075	45.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.82%

Target Compounds

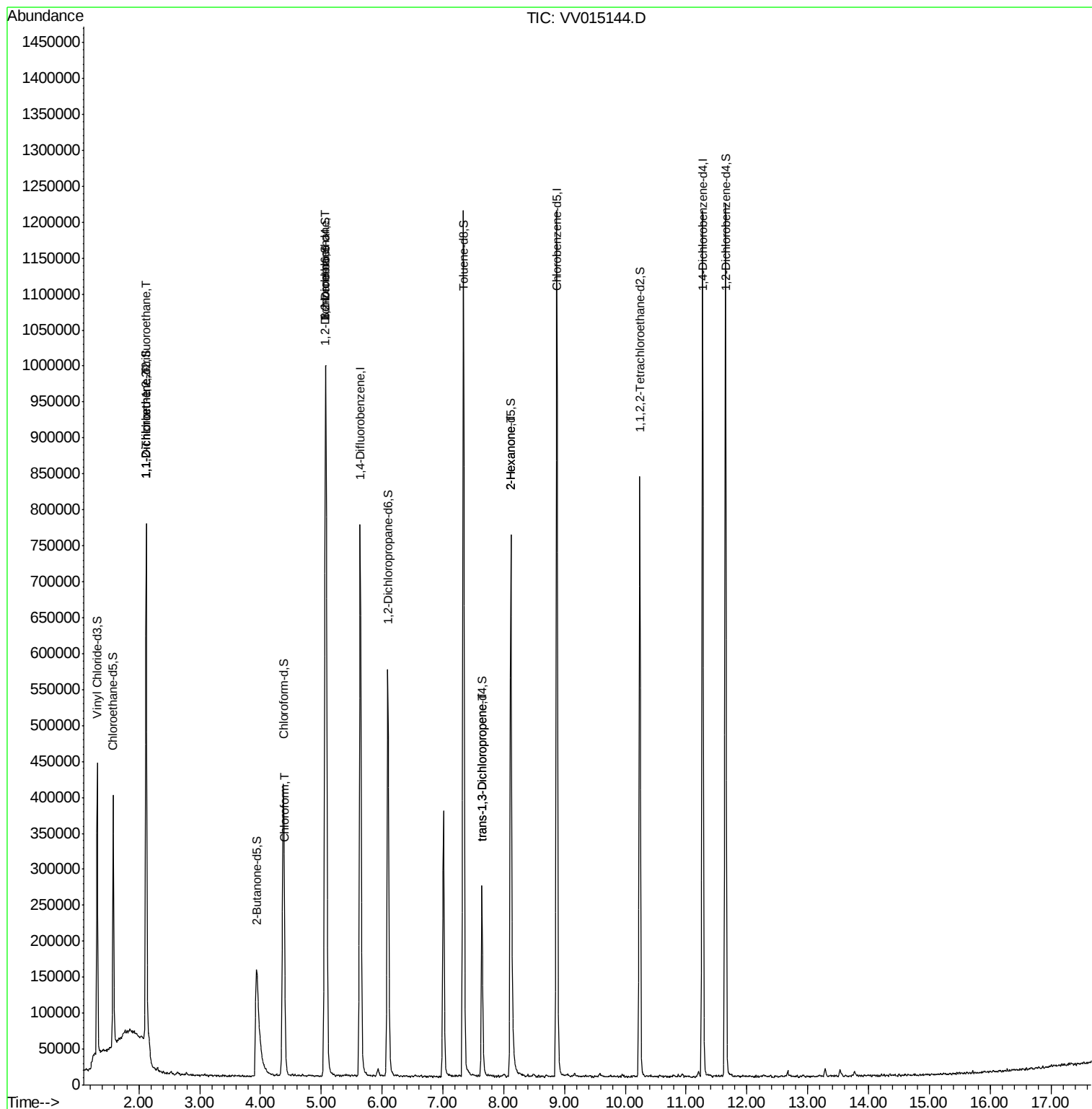
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	4082	0.886	ug/L #	40
12) 1,1-Dichloroethene	2.12	96	3097	0.698	ug/L #	1
25) Chloroform	4.40	83	8385	1.120	ug/L	76
27) 1,2-Dichloroethane	5.08	62	5266	0.908	ug/L	95
44) trans-1,3-Dichloropropene	7.64	75	7752	1.137	ug/L	86
48) 2-Hexanone	8.12	43	33785	7.182	ug/L #	81

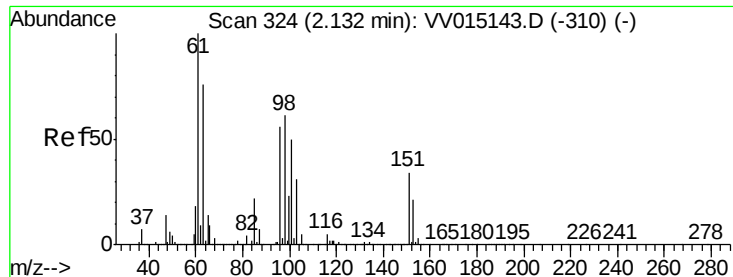
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.886 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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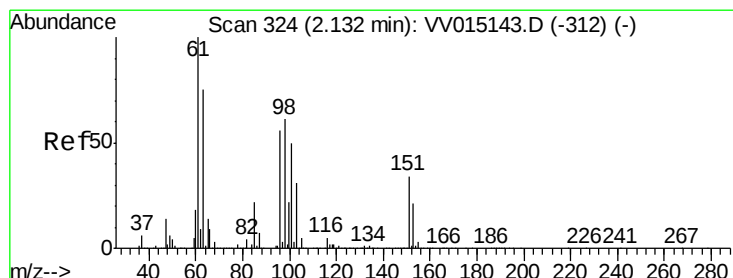
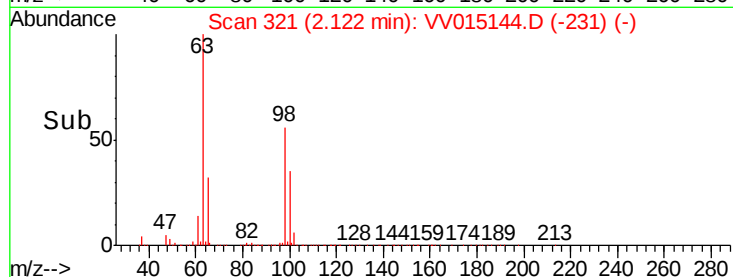
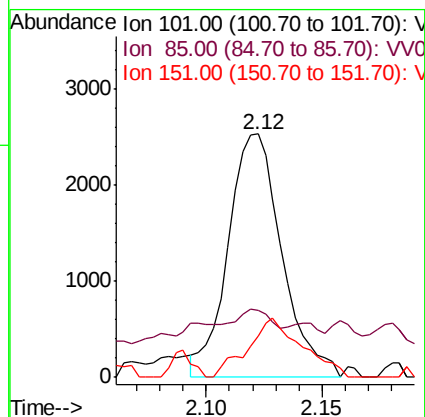
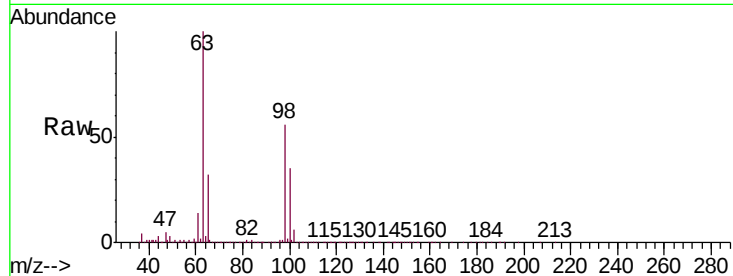
Instrument :

MSVOA_V

ClientSampleId :

VBLK61

Tgt Ion:	101	Resp:	4082
Ion	Ratio	Lower	Upper
101	100		
85	4.7	36.0	54.0#
151	21.2	56.2	84.2#



#12

1,1-Dichloroethene

Concen: 0.698 ug/L

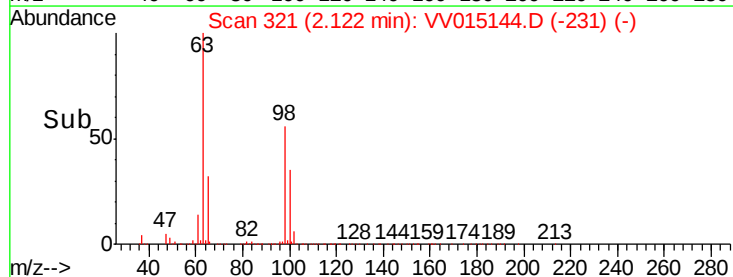
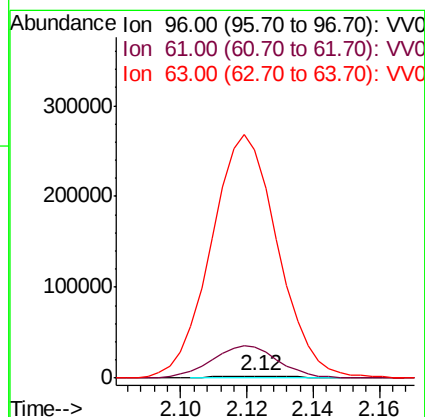
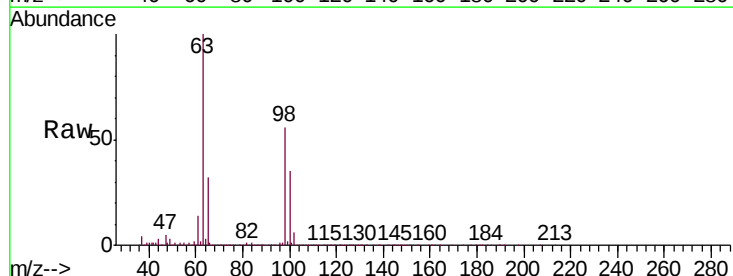
RT: 2.12 min Scan# 321

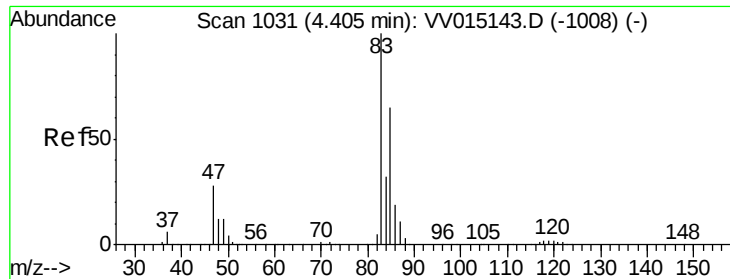
Delta R.T. -0.01 min

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Tgt Ion:	96	Resp:	3097
Ion	Ratio	Lower	Upper
96	100		
61	1435.7	128.6	238.8#
63	10538.2	97.5	181.1#





#25

Chloroform

Concen: 1.120 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

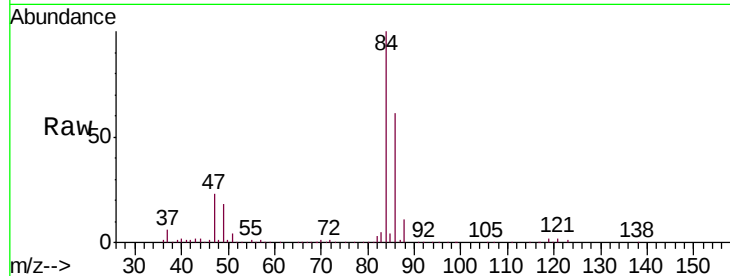
VBLK61

Tgt Ion: 83 Resp: 8385

Ion Ratio Lower Upper

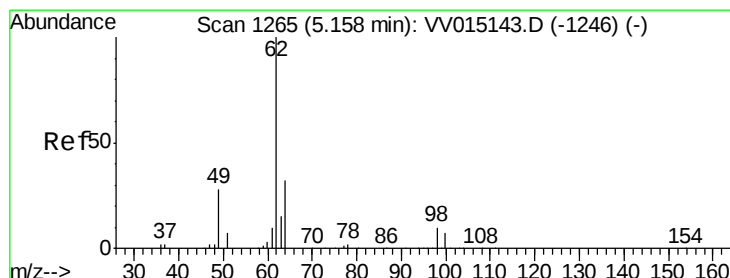
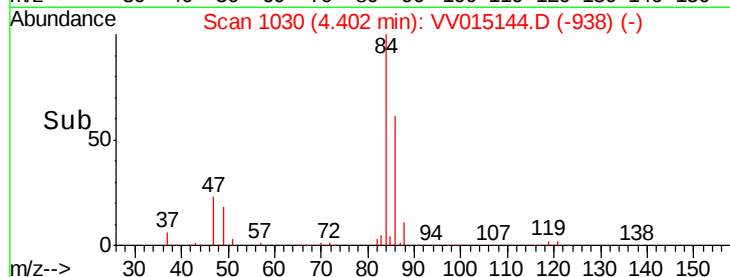
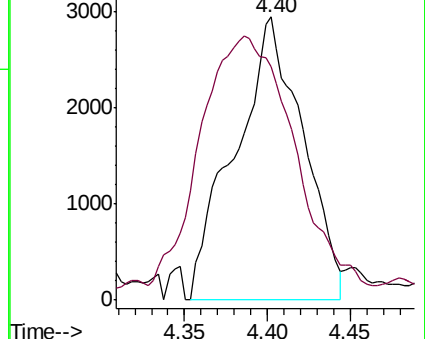
83 100

85 82.7 44.8 83.2



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#27

1,2-Dichloroethane

Concen: 0.908 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.08 min

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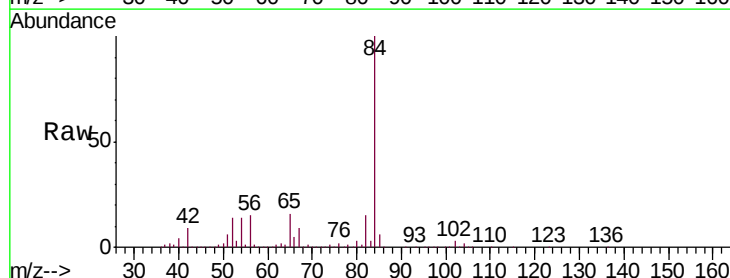
Acq: 25 Mar 2020 19:18

Tgt Ion: 62 Resp: 5266

Ion Ratio Lower Upper

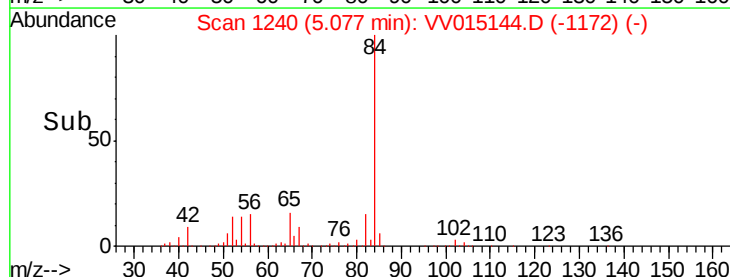
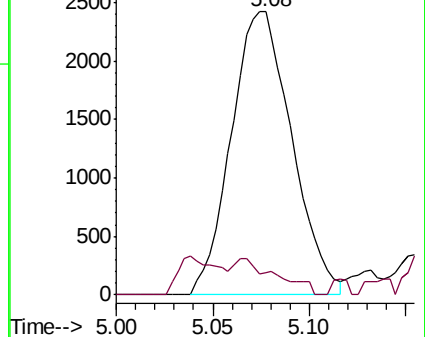
62 100

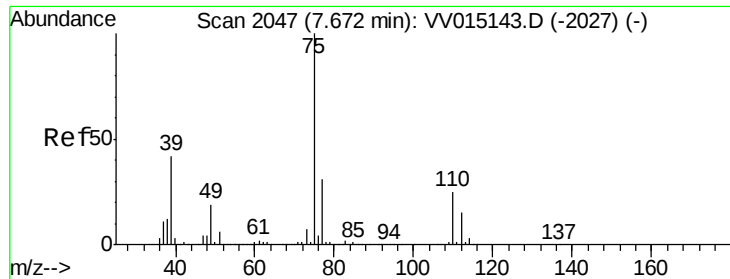
98 7.7 7.5 11.3



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 1.137 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

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Instrument :

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ClientSampleId :

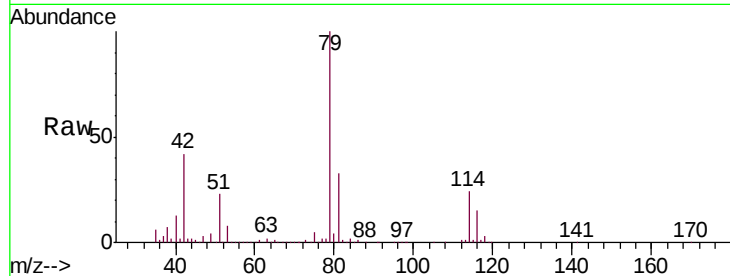
VBLK61

Tgt Ion: 75 Resp: 7752

Ion Ratio Lower Upper

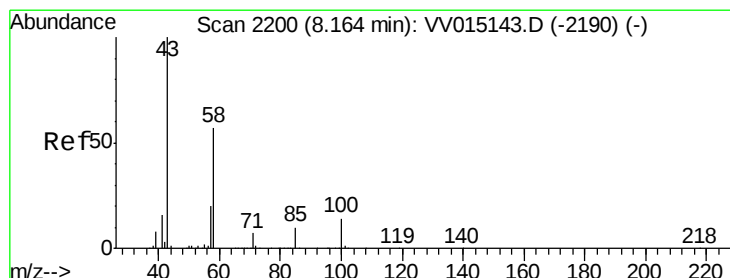
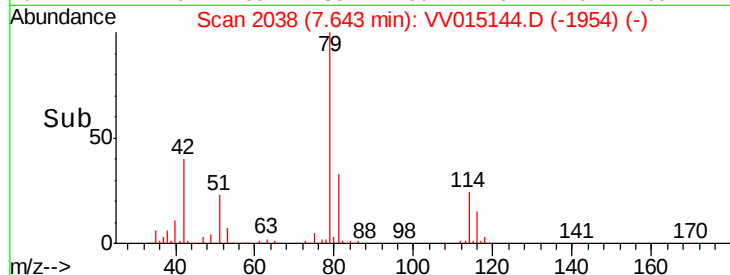
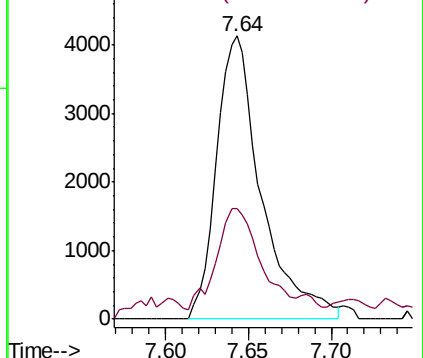
75 100

77 39.1 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 7.182 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 33785

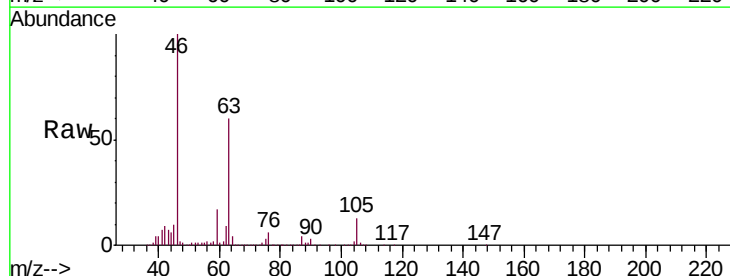
Ion Ratio Lower Upper

43 100

58 42.0 47.0 70.6#

57 20.9 16.5 24.7

100 0.4 10.9 16.3#



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

