

Data File : VU036625.D
Acq On : 30 Jan 2020 18:00
Operator : JC/MD
Sample : VU0130MBL02
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK52

Quant Time: Jan 31 04:03:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 31 04:01:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	297849	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	278525	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	129876	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86674	38.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.70%
7) Chloroethane-d5	1.93	69	80052	41.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.64%
11) 1,1-Dichloroethene-d2	2.59	63	115830	32.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.22%
21) 2-Butanone-d5	4.68	46	135334	102.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.20%
24) Chloroform-d	5.11	84	153525	42.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.06%
26) 1,2-Dichloroethane-d4	5.75	65	103098	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.56%
32) Benzene-d6	5.77	84	357389	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.24%
36) 1,2-Dichloropropane-d6	6.73	67	114988	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.20%
41) Toluene-d8	7.93	98	338941	44.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.94%
43) trans-1,3-Dichloropropene-	8.21	79	53891	46.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.82%
47) 2-Hexanone-d5	8.67	63	131188	115.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.87%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	169641	47.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.52%
64) 1,2-Dichlorobenzene-d4	12.21	152	128954	46.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.54%

Target Compounds

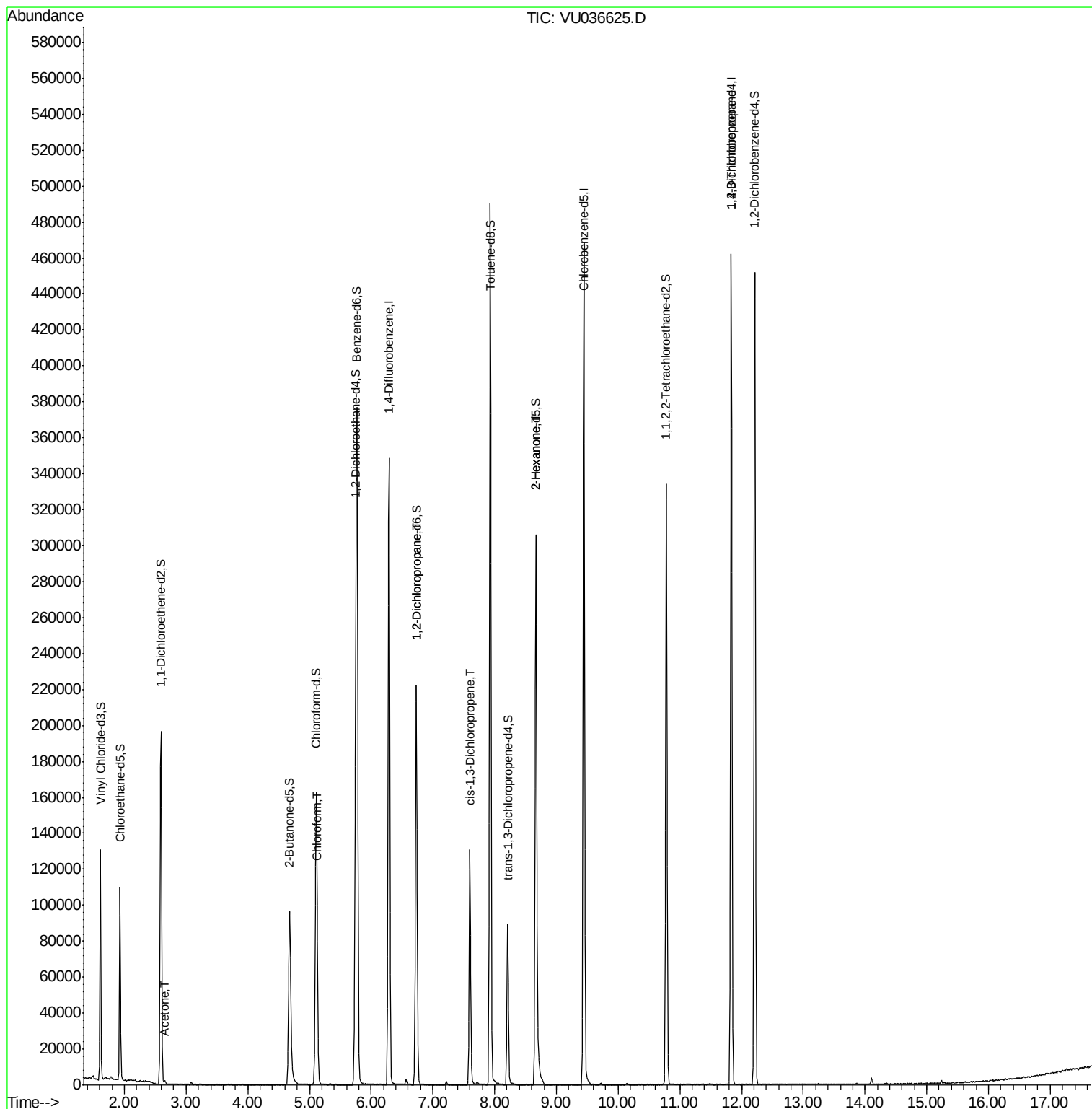
					Qvalue
13) Acetone	2.66	43	2002	1.562 ug/L	90
25) Chloroform	5.13	83	9634	2.649 ug/L	99
37) 1,2-Dichloropropane	6.73	63	11126	5.257 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	3007	0.882 ug/L #	68
48) 2-Hexanone	8.67	43	11507	5.630 ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	14208	4.966 ug/L	96

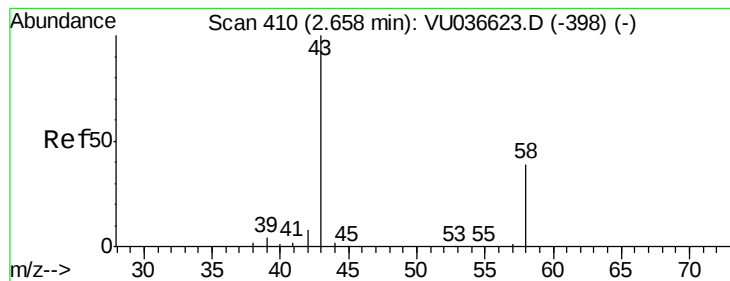
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.562 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

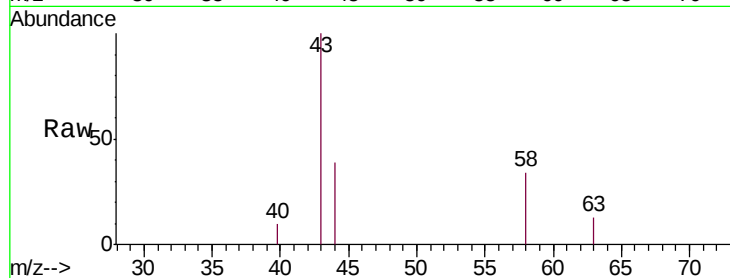
VBLK52

Tgt Ion: 43 Resp: 2002

Ion Ratio Lower Upper

43 100

58 31.8 0.0 75.4



Abundance Ion 43.00 (42.70 to 43.70): VU036625.D (-398) (-)

Ion 58.00 (57.70 to 58.70): VU036625.D (-398) (-)

2.66

1200

1000

800

600

400

200

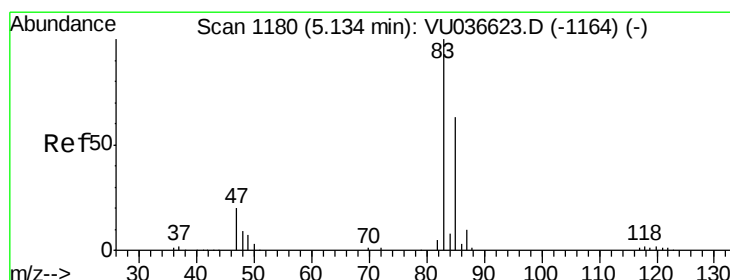
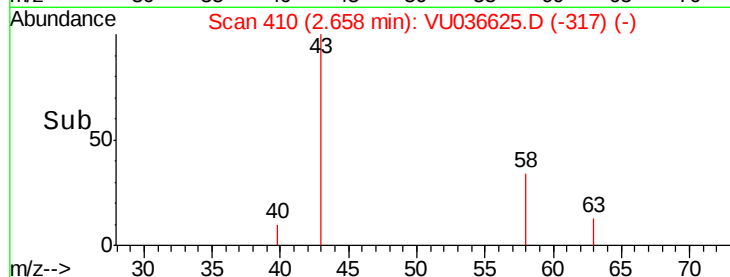
0

Time-->

2.60

2.65

2.70



#25

Chloroform

Concen: 2.649 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU036625.D

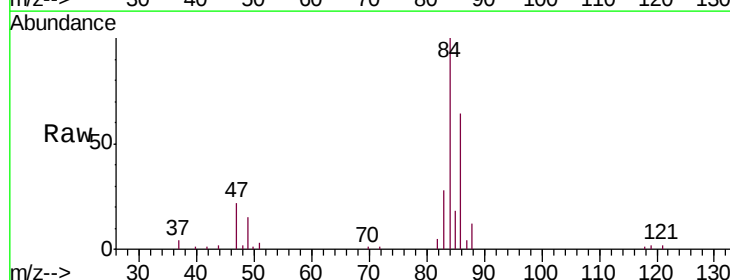
Acq: 30 Jan 2020 18:00

Tgt Ion: 83 Resp: 9634

Ion Ratio Lower Upper

83 100

85 65.4 46.3 85.9



Abundance Ion 83.00 (82.70 to 83.70): VU036625.D (-1164) (-)

Ion 85.00 (84.70 to 85.70): VU036625.D (-1164) (-)

5.13

5000

4000

3000

2000

1000

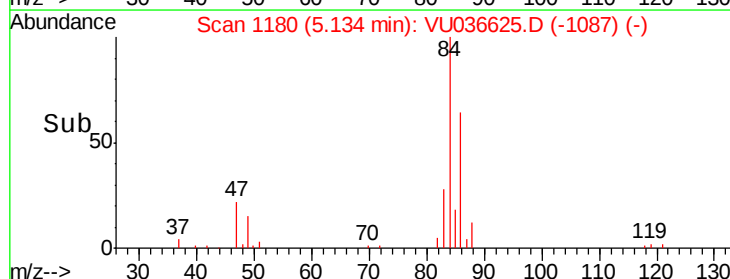
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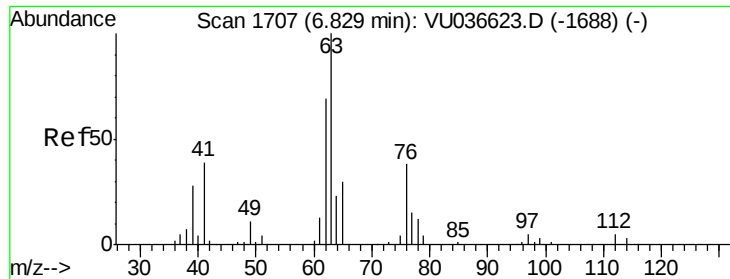
Time-->

5.10

5.15

5.20

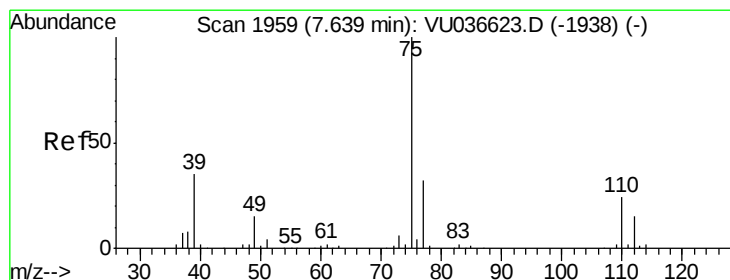
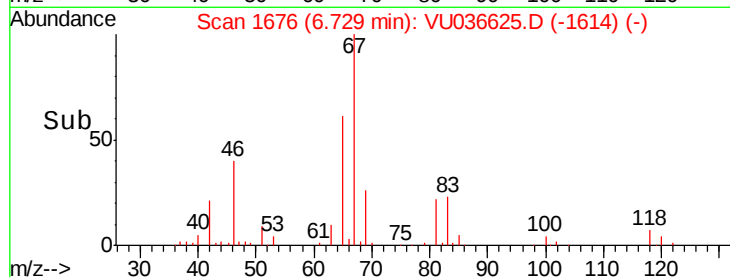
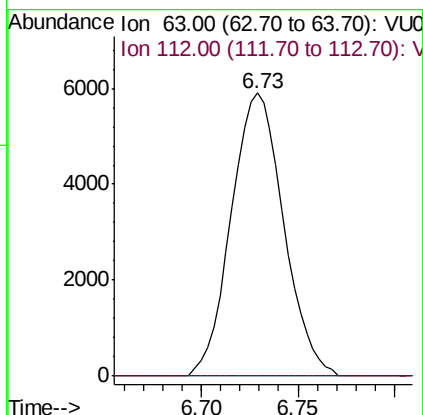
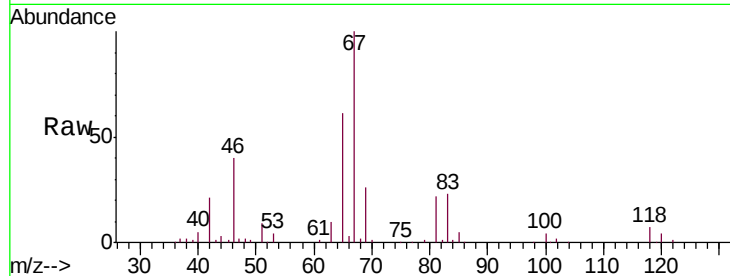




#37
 1,2-Dichloropropane
 Concen: 5.257 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036625.D
 Acq: 30 Jan 2020 18:00

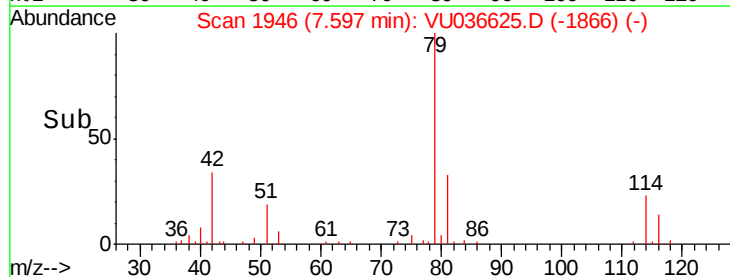
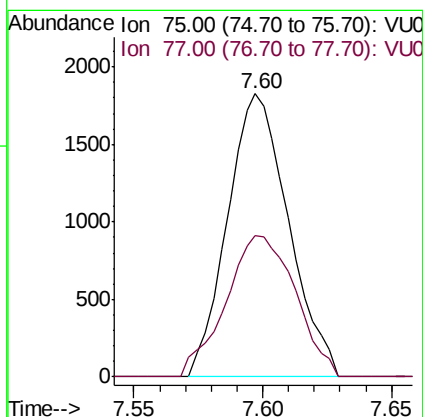
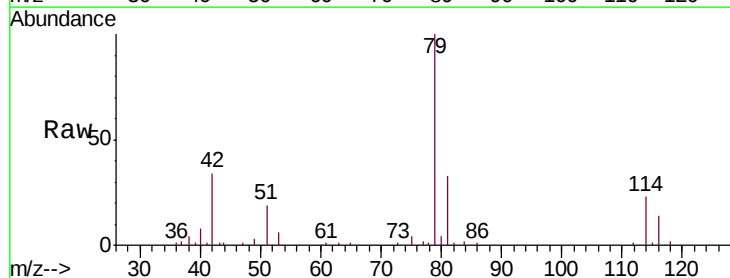
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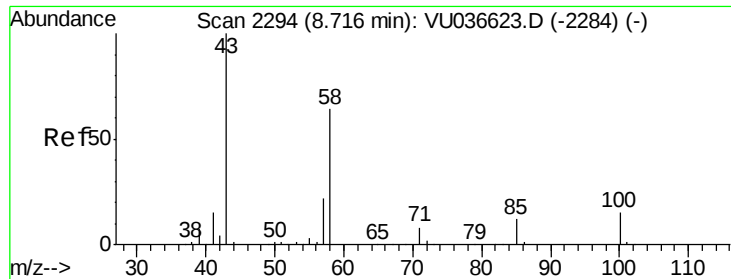
Tgt Ion: 63 Resp: 11126
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.882 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036625.D
 Acq: 30 Jan 2020 18:00

Tgt Ion: 75 Resp: 3007
 Ion Ratio Lower Upper
 75 100
 77 49.9 22.5 41.9#

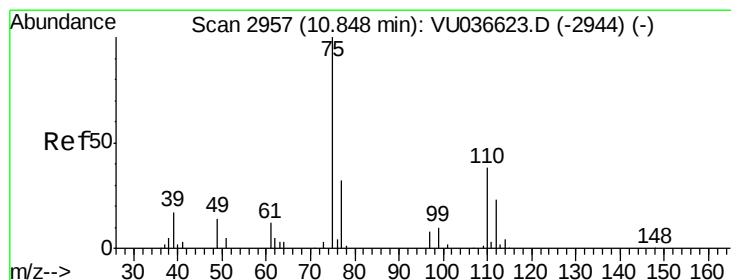
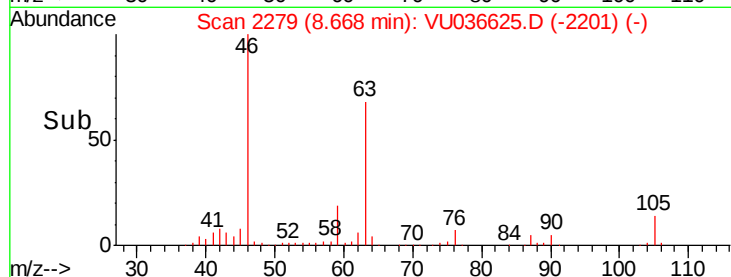
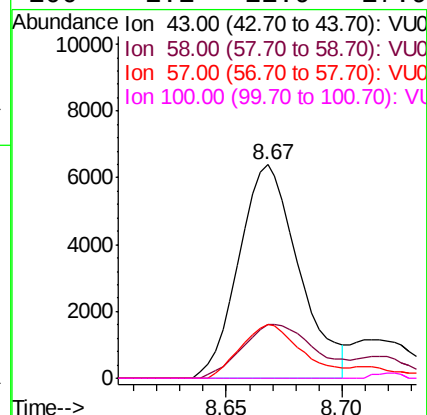
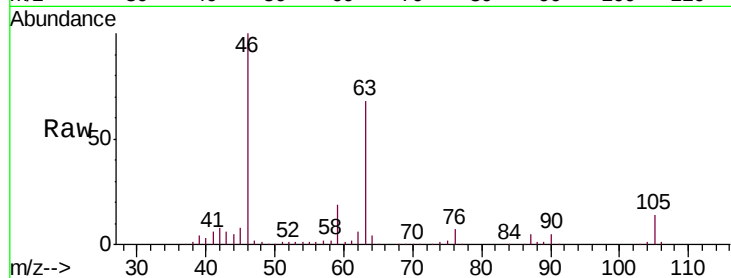




#48
 2-Hexanone
 Concen: 5.630 ug/L
 RT: 8.67 min Scan# 2279
 Delta R.T. -0.05 min
 Lab File: VU036625.D
 Acq: 30 Jan 2020 18:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK52

Tgt Ion: 43 Resp: 11507
 Ion Ratio Lower Upper
 43 100
 58 31.0 49.4 74.0#
 57 25.4 17.1 25.7
 100 1.1 11.9 17.9#



#59
 1,2,3-Trichloropropane
 Concen: 4.966 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.99 min
 Lab File: VU036625.D
 Acq: 30 Jan 2020 18:00

Tgt Ion: 75 Resp: 14208
 Ion Ratio Lower Upper
 75 100
 77 35.2 26.2 39.2

