

Data File : VU036670.D
Acq On : 03 Feb 2020 13:33
Operator : JC/MD
Sample : VU0203MBL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Quant Time: Feb 04 00:55:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 00:53:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	258199	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	237377	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	99809	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	111643	47.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.86%
7) Chloroethane-d5	1.93	69	97030	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.38%
11) 1,1-Dichloroethene-d2	2.59	63	142105	38.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.14%
21) 2-Butanone-d5	4.67	46	133876	92.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.38%
24) Chloroform-d	5.11	84	161679	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.70%
26) 1,2-Dichloroethane-d4	5.74	65	120317	52.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.32%
32) Benzene-d6	5.77	84	387222	53.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.74%
36) 1,2-Dichloropropane-d6	6.73	67	128364	53.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.62%
41) Toluene-d8	7.93	98	353264	53.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.56%
43) trans-1,3-Dichloropropene-	8.21	79	59559	51.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.68%
47) 2-Hexanone-d5	8.67	63	138621	105.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.30%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	172971	51.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.06%
64) 1,2-Dichlorobenzene-d4	12.21	152	111083	52.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.62%

Target Compounds

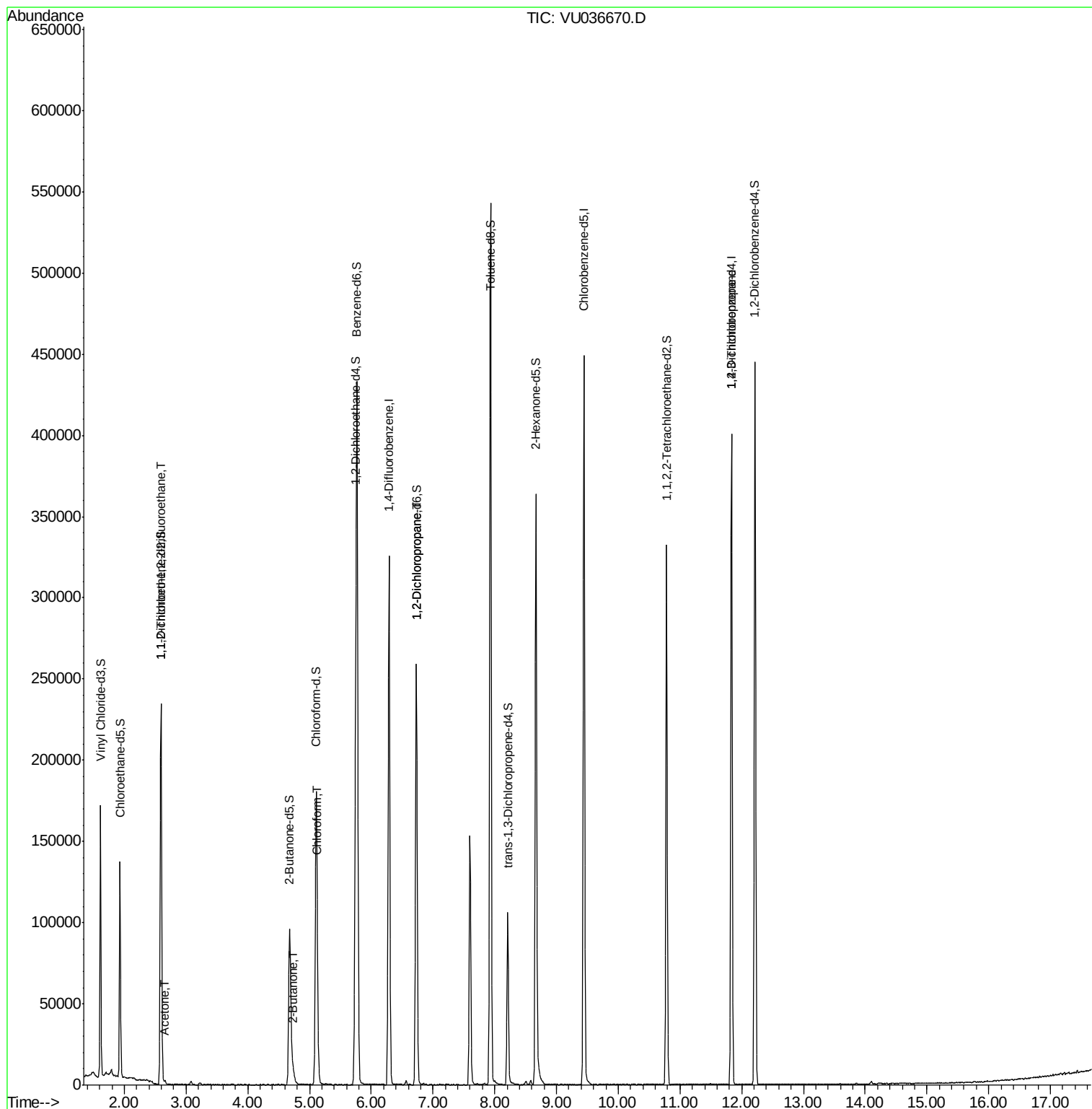
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1262	0.783	ug/L #	22
13) Acetone	2.66	43	2762	2.241	ug/L	91
22) 2-Butanone	4.74	43	5547	3.292	ug/L #	57
25) Chloroform	5.13	83	15513	4.641	ug/L	93
37) 1,2-Dichloropropane	6.73	63	13717	6.690	ug/L #	88
59) 1,2,3-Trichloropropane	11.83	75	14838	5.452	ug/L	97

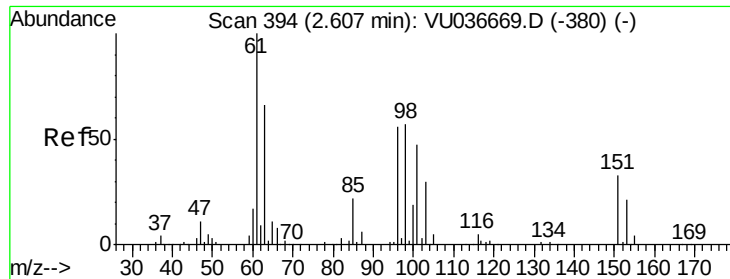
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.783 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampled :

VBLK55

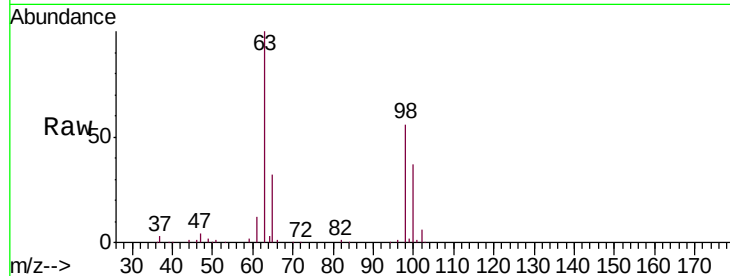
Tgt Ion:101 Resp: 1262

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

151 0.0 54.7 82.1#

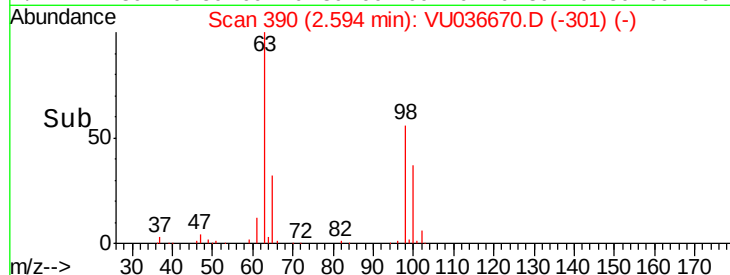


Abundance Ion 101.00 (100.70 to 101.70): V

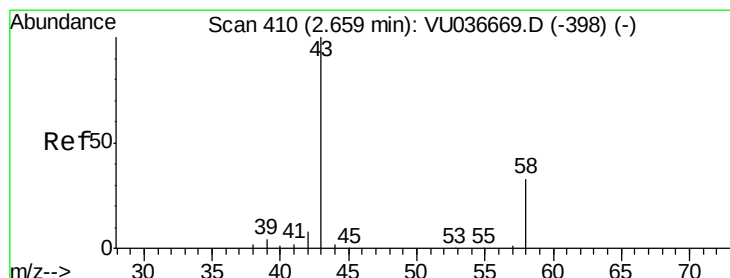
Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

Time-->



Time-->



#13

Acetone

Concen: 2.241 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

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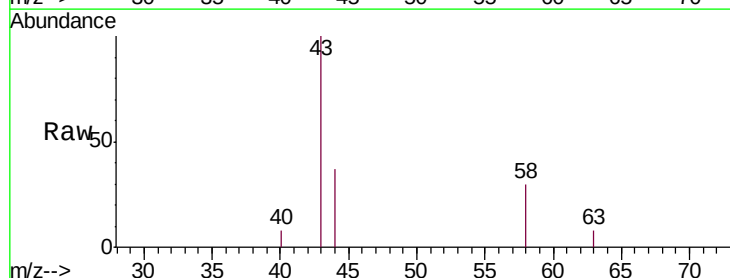
Acq: 03 Feb 2020 13:33

Tgt Ion: 43 Resp: 2762

Ion Ratio Lower Upper

43 100

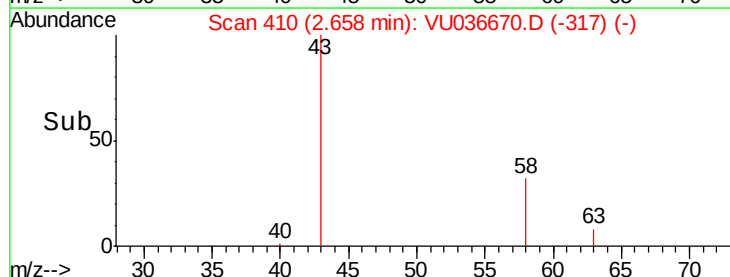
58 28.6 0.0 67.8



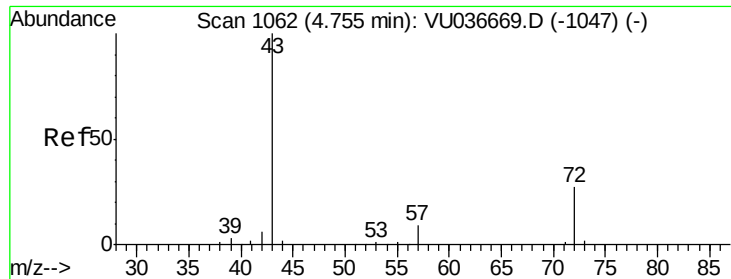
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Time-->



Time-->



#22

2-Butanone

Concen: 3.292 ug/L

RT: 4.74 min Scan# 1059

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

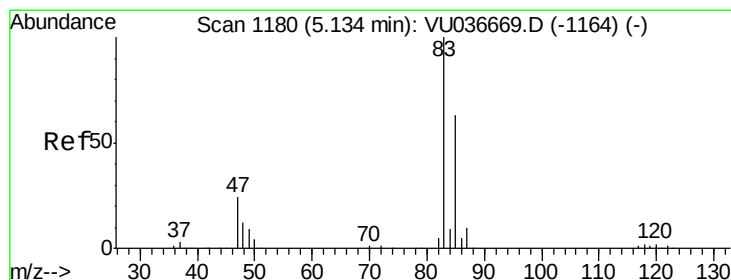
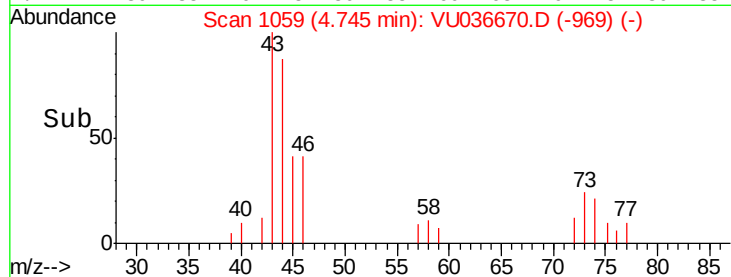
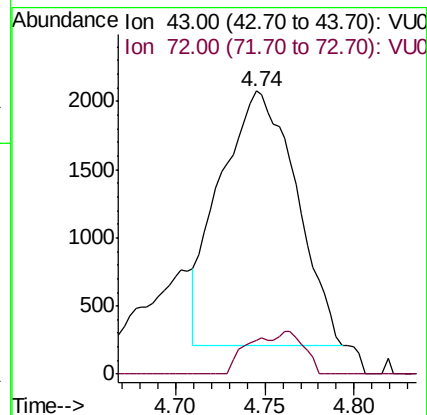
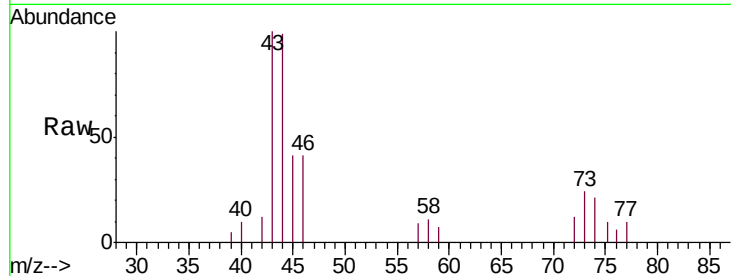
VBLK55

Tgt Ion: 43 Resp: 5547

Ion Ratio Lower Upper

43 100

72 6.1 14.6 44.0#



#25

Chloroform

Concen: 4.641 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU036670.D

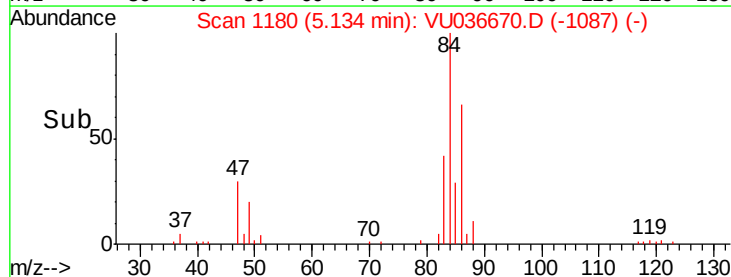
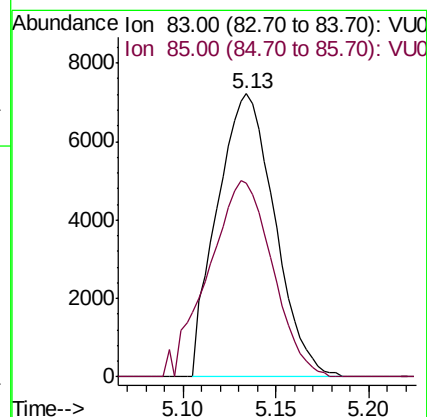
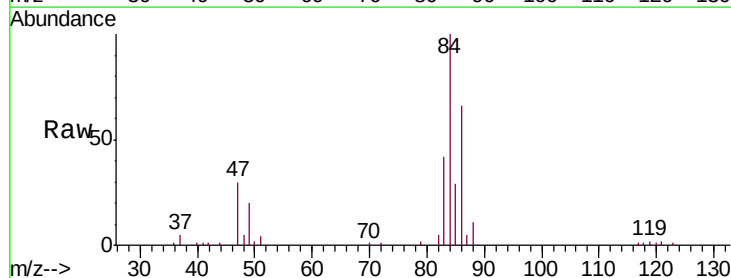
Acq: 03 Feb 2020 13:33

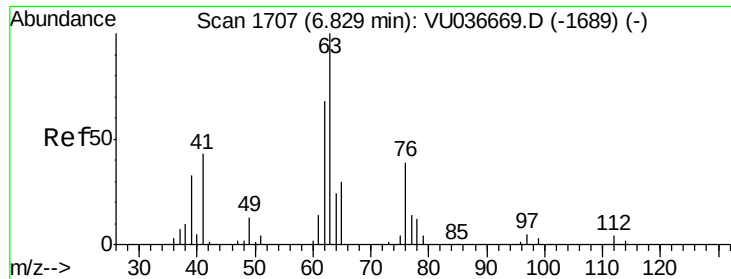
Tgt Ion: 83 Resp: 15513

Ion Ratio Lower Upper

83 100

85 68.6 44.3 82.3

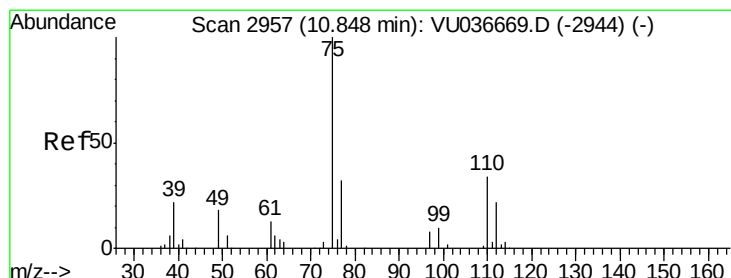
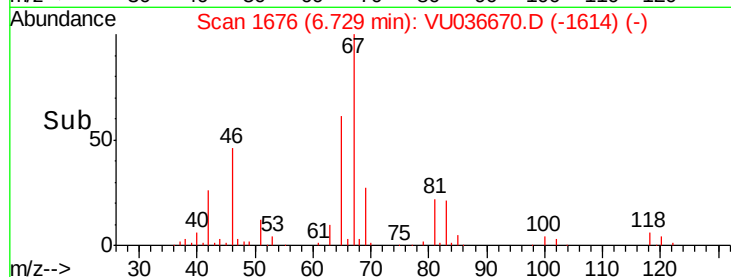
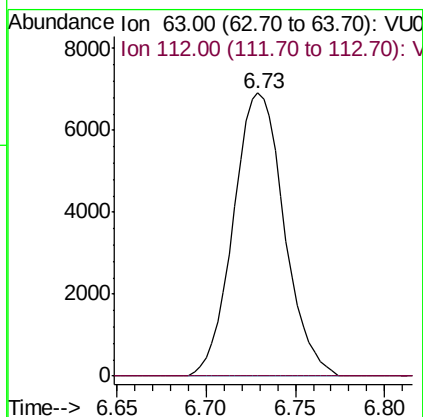
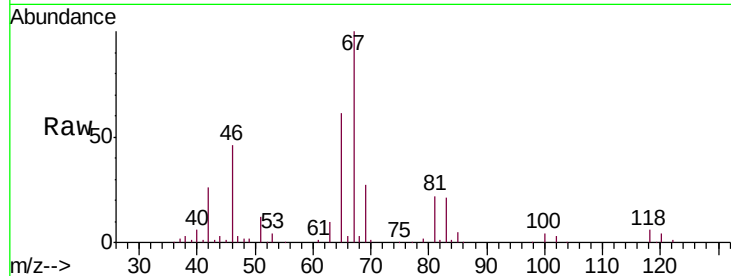




#37
 1,2-Dichloropropane
 Concen: 6.690 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036670.D
 Acq: 03 Feb 2020 13:33

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK55

Tgt Ion: 63 Resp: 13717
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.452 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.99 min
 Lab File: VU036670.D
 Acq: 03 Feb 2020 13:33

Tgt Ion: 75 Resp: 14838
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.2 37.8

