

Data File : VU036672.D
Acq On : 03 Feb 2020 15:14
Operator : JC/MD
Sample : L1322-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Feb 04 00:56:03 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	229439	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	217755	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	98601	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91486	43.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.48%
7) Chloroethane-d5	1.93	69	83999	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.74%
11) 1,1-Dichloroethene-d2	2.59	63	117903	36.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.04%
21) 2-Butanone-d5	4.67	46	162586	126.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.25%
24) Chloroform-d	5.11	84	161448	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.18%
26) 1,2-Dichloroethane-d4	5.74	65	119128	58.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.36%
32) Benzene-d6	5.77	84	348829	52.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.73	67	120556	55.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.18%
41) Toluene-d8	7.93	98	313432	51.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.06%
43) trans-1,3-Dichloropropene-	8.21	79	57608	54.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.32%
47) 2-Hexanone-d5	8.67	63	146073	120.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.95%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	172902	56.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.30%
64) 1,2-Dichlorobenzene-d4	12.21	152	110781	53.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.62%

Target Compounds

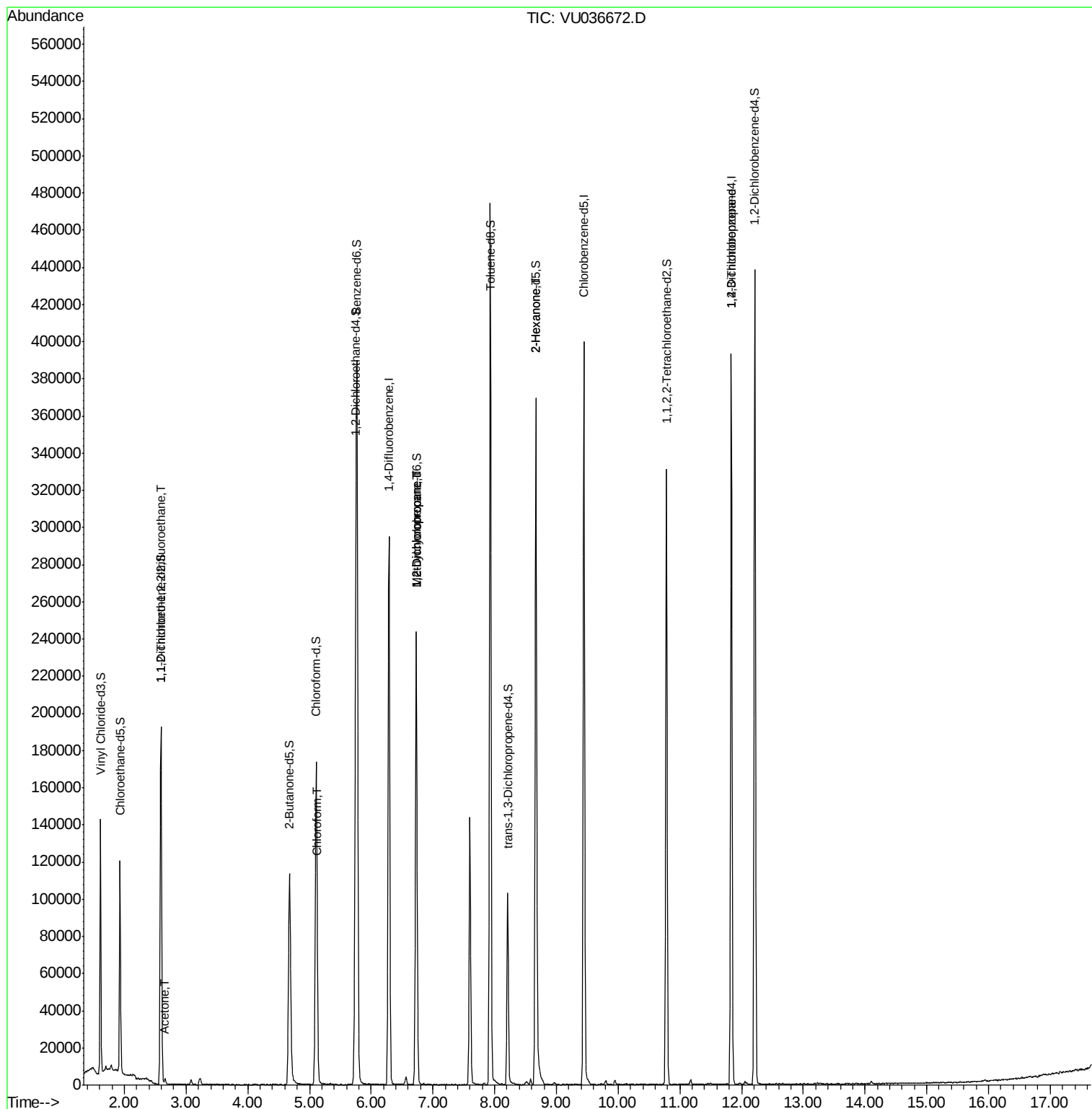
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	1021	0.713 ug/L #	22
13) Acetone	2.66	43	2806	2.562 ug/L	97
25) Chloroform	5.13	83	4503	1.516 ug/L	88
35) Methylcyclohexane	6.73	83	26872	9.292 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	13174	7.004 ug/L #	88
48) 2-Hexanone	8.67	43	15025	6.828 ug/L #	66
59) 1,2,3-Trichloropropane	11.83	75	13946	5.586 ug/L	92

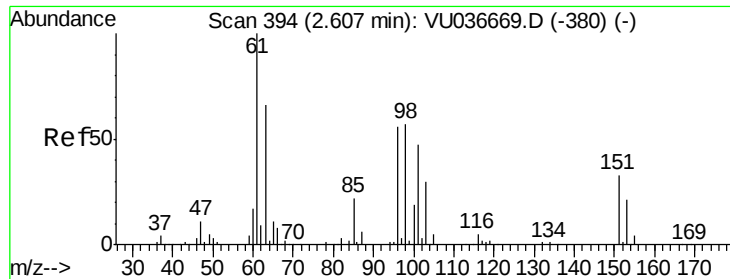
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.713 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

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VHBLK01

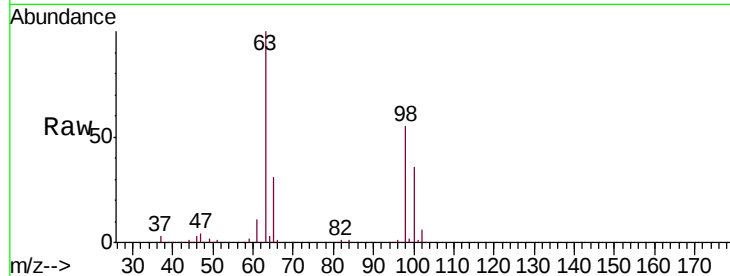
Tgt Ion:101 Resp: 1021

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

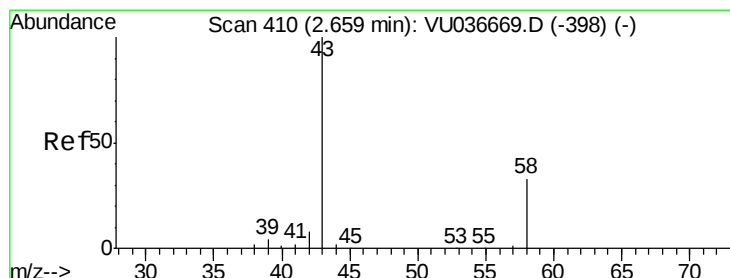
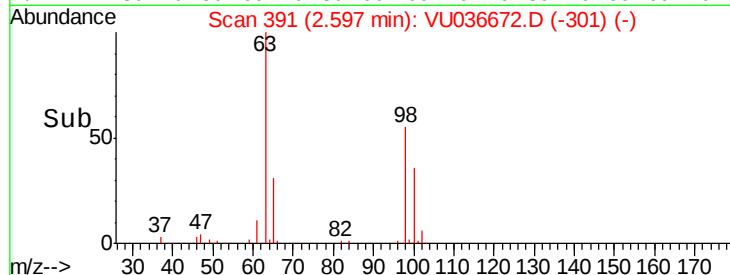
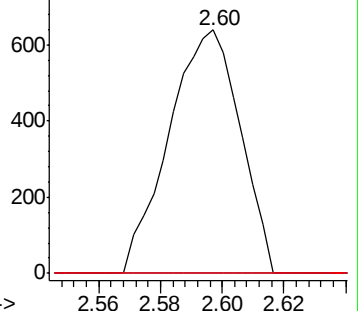
151 0.0 54.7 82.1#



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



#13

Acetone

Concen: 2.562 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

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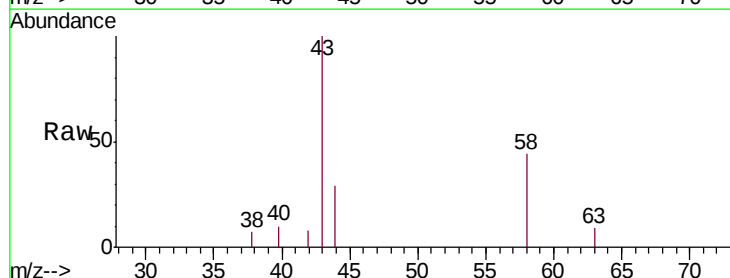
Acq: 03 Feb 2020 15:14

Tgt Ion: 43 Resp: 2806

Ion Ratio Lower Upper

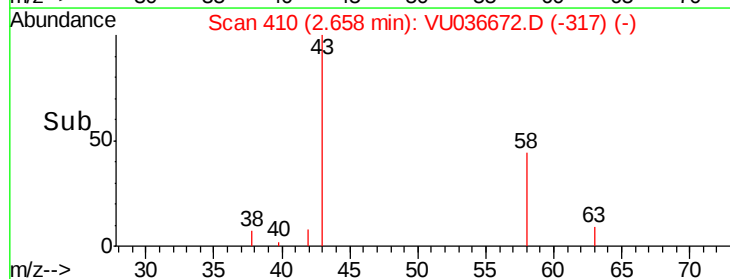
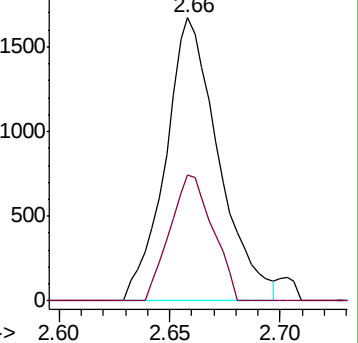
43 100

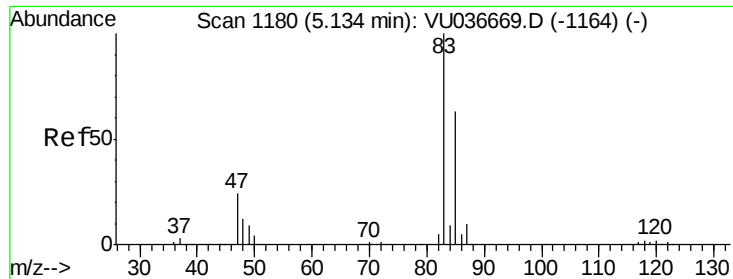
58 35.9 0.0 67.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

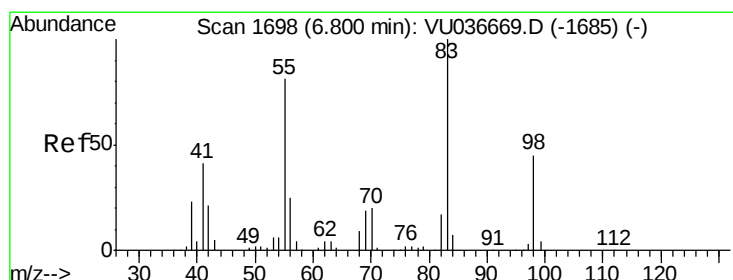
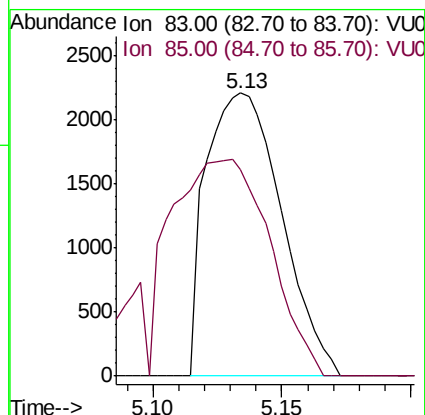
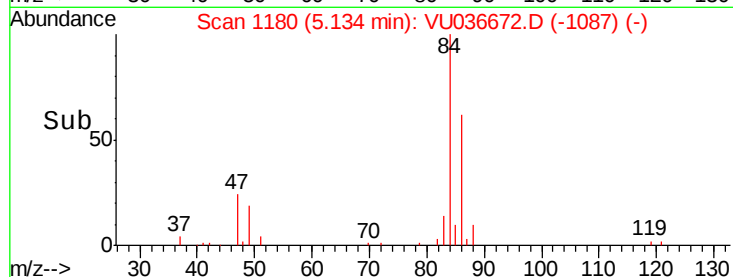
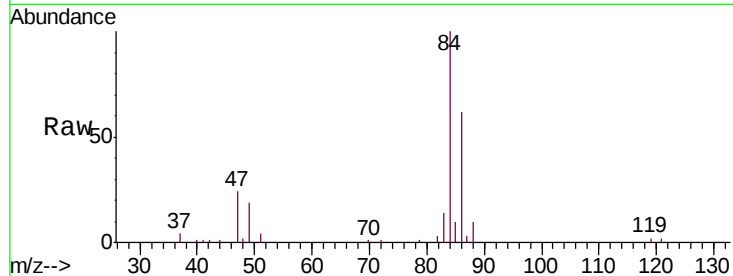




#25
Chloroform
Concen: 1.516 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU036672.D
Acq: 03 Feb 2020 15:14

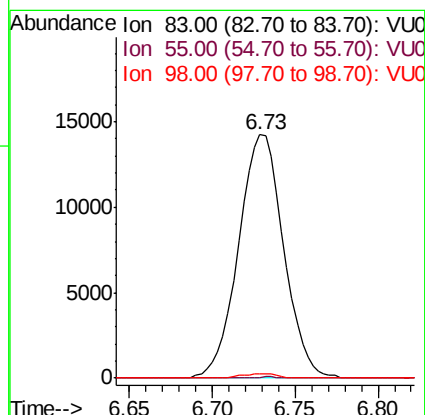
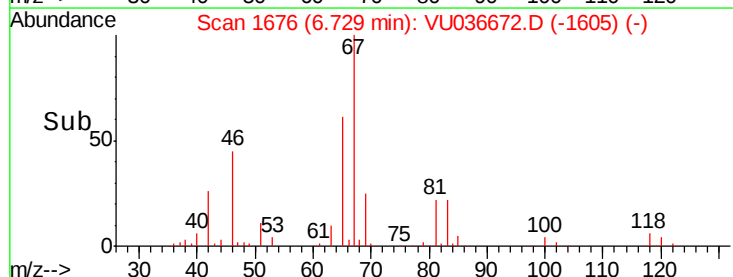
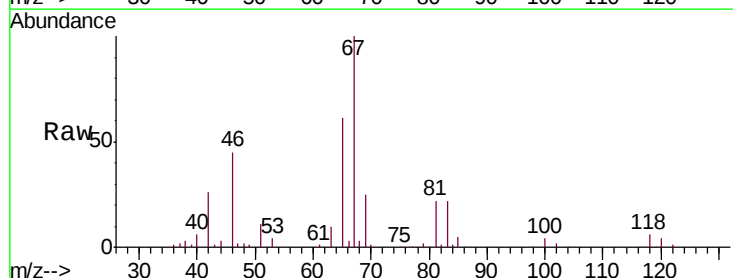
Instrument :
MSVOA_U
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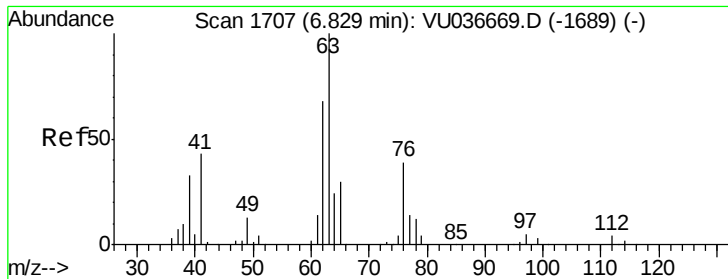
Tgt Ion: 83 Resp: 4503
Ion Ratio Lower Upper
83 100
85 73.0 44.3 82.3



#35
Methylcyclohexane
Concen: 9.292 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036672.D
Acq: 03 Feb 2020 15:14

Tgt Ion: 83 Resp: 26872
Ion Ratio Lower Upper
83 100
55 0.2 63.1 94.7#
98 1.3 35.0 52.6#

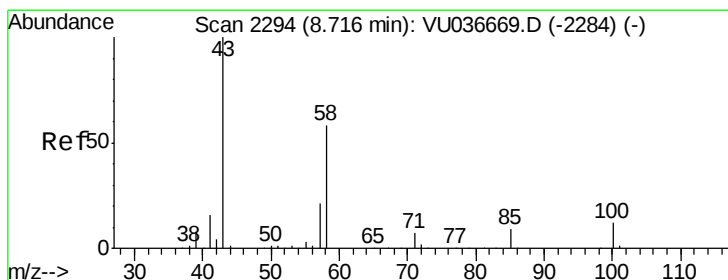
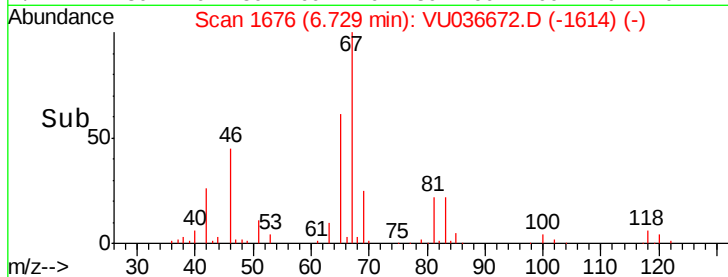
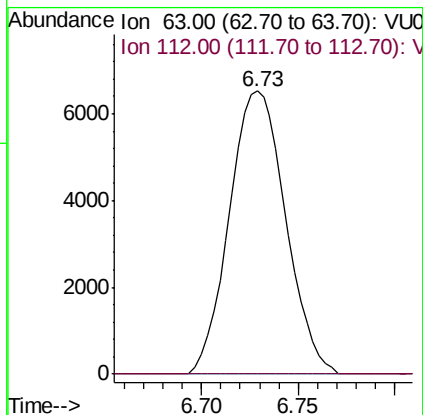
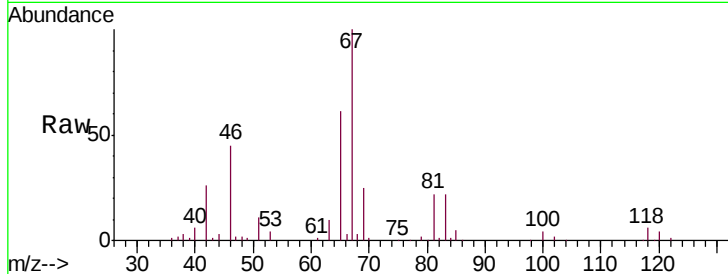




#37
 1,2-Dichloropropane
 Concen: 7.004 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036672.D
 Acq: 03 Feb 2020 15:14

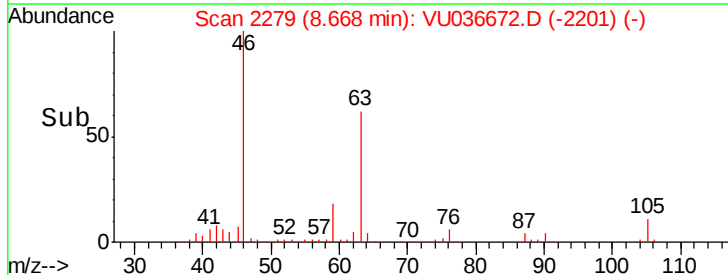
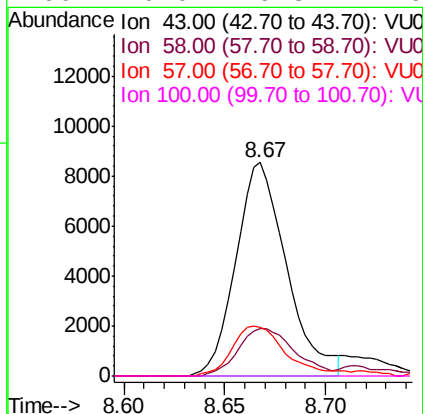
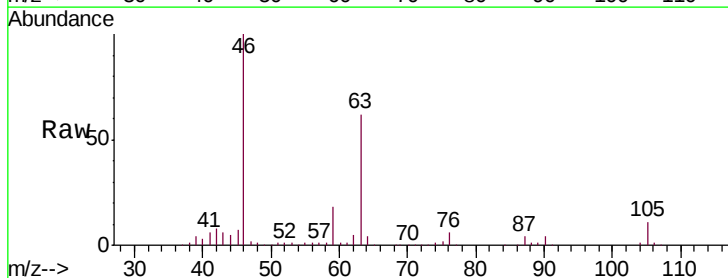
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

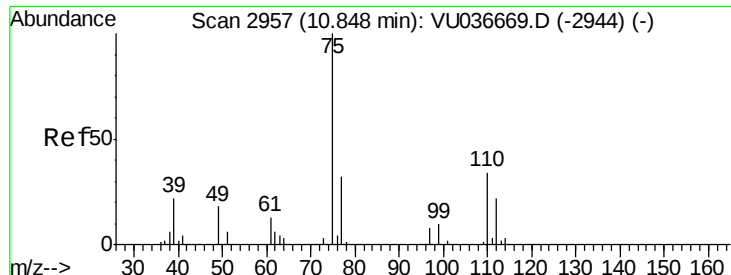
Tgt Ion: 63 Resp: 13174
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#48
 2-Hexanone
 Concen: 6.828 ug/L
 RT: 8.67 min Scan# 2279
 Delta R.T. -0.05 min
 Lab File: VU036672.D
 Acq: 03 Feb 2020 15:14

Tgt Ion: 43 Resp: 15025
 Ion Ratio Lower Upper
 43 100
 58 24.7 46.2 69.2#
 57 24.0 16.3 24.5
 100 0.0 9.8 14.6#





#59

1,2,3-Trichloropropane

Concen: 5.586 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036672.D

Acq: 03 Feb 2020 15:14

Instrument :

MSVOA_U

ClientSampleId :

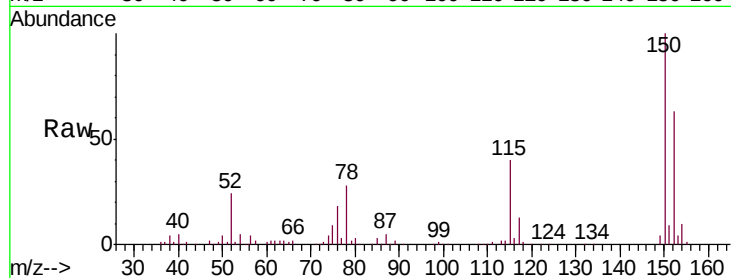
VHBLK01

Tgt Ion: 75 Resp: 13946

Ion Ratio Lower Upper

75 100

77 35.7 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

