

Data File : VU036333.D
Acq On : 23 Dec 2019 18:00
Operator : JC/MD
Sample : K6286-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Dec 24 00:23:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 00:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	263951	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	288522	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	117920	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	122045	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.93	69	105606	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.59	63	124813	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.70	46	203349	46.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.40%
24) Chloroform-d	5.11	84	172234	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.75	65	93480	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.77	84	333046	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.73	67	104211	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.93	98	272854	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	8.21	79	38529	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.68	63	158224	44.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	90268	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	109134	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

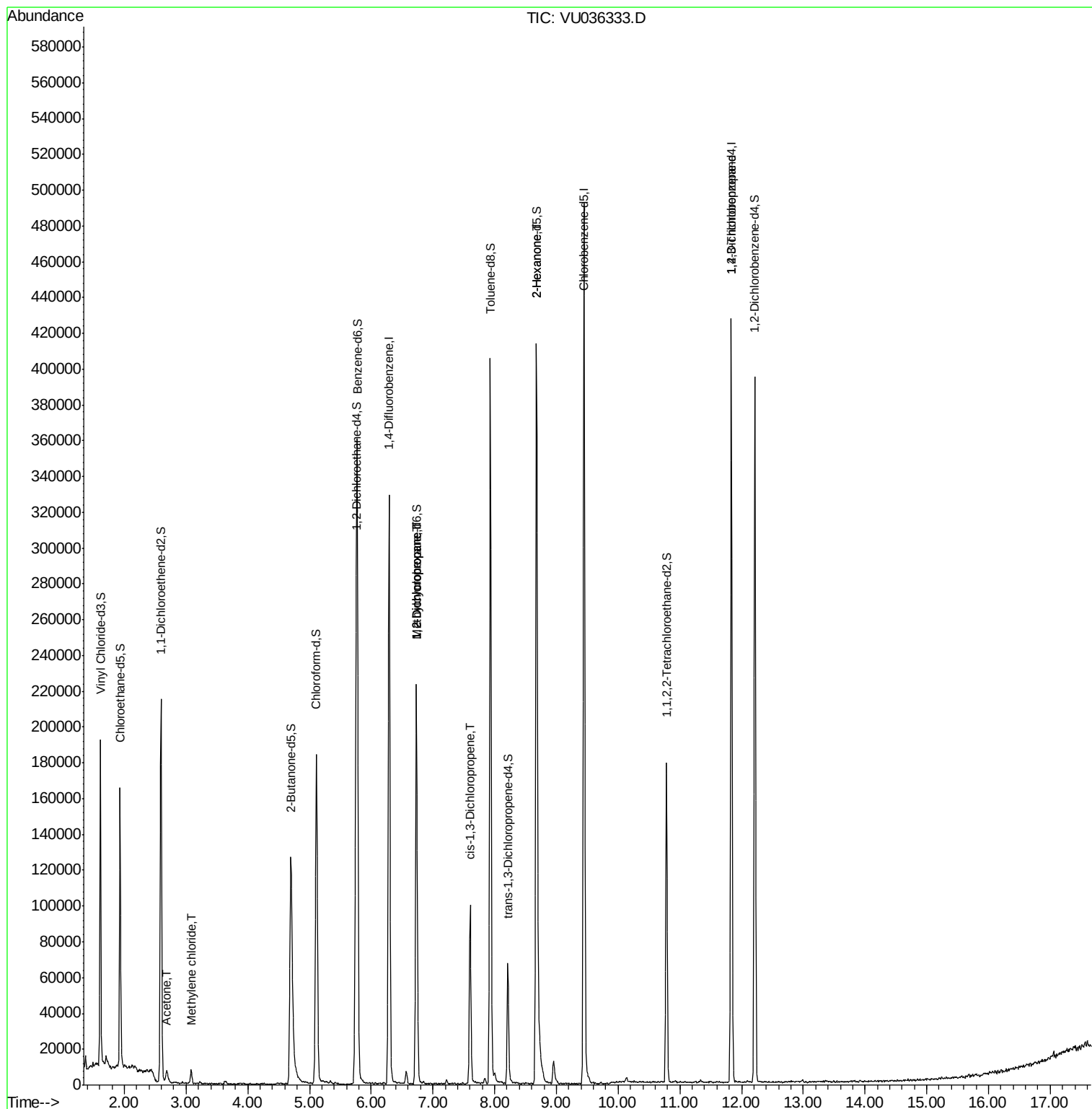
					Qvalue
13) Acetone	2.69	43	9579	2.524	ug/L 80
16) Methylene chloride	3.08	84	3629	0.126	ug/L 84
35) Methylcyclohexane	6.73	83	25297	0.778	ug/L # 19
37) 1,2-Dichloropropane	6.73	63	10563	0.467	ug/L # 85
39) cis-1,3-Dichloropropene	7.60	75	2485	0.081	ug/L # 47
48) 2-Hexanone	8.68	43	19596	2.219	ug/L # 71
59) 1,2,3-Trichloropropane	11.83	75	13391	0.891	ug/L 98

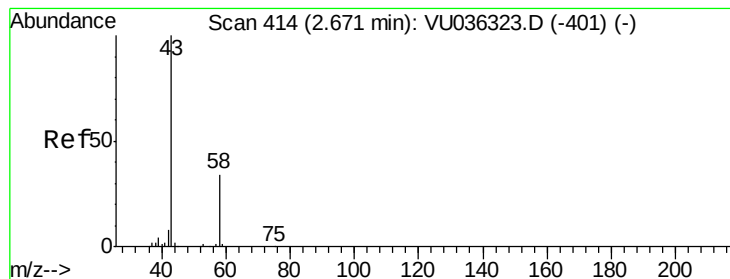
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.524 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.02 min

Lab File: VU036333.D

Acq: 23 Dec 2019 18:00

Instrument :

MSVOA_U

ClientSampleId :

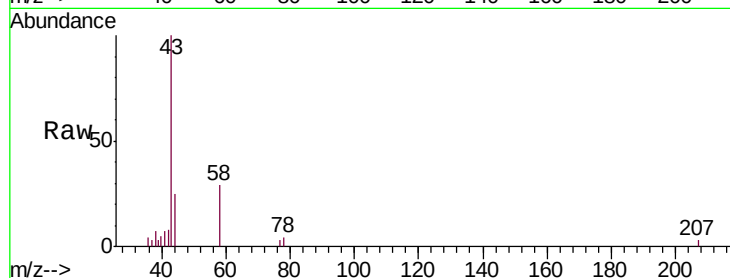
VHBLK01

Tgt Ion: 43 Resp: 9579

Ion Ratio Lower Upper

43 100

58 22.6 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036333.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036333.D (-401) (-)

Time-->

2.60 2.65 2.70 2.75

2.69

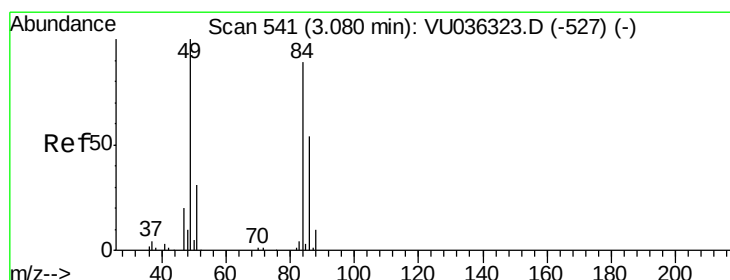
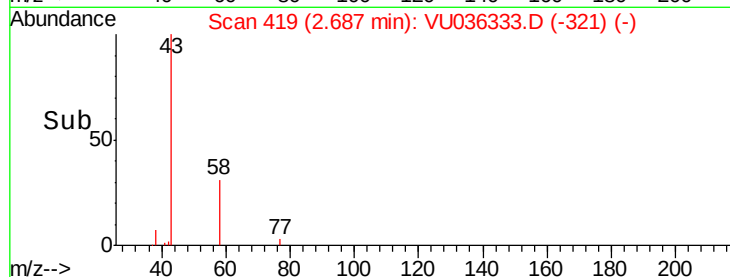
4000

3000

2000

1000

0



#16

Methylene chloride

Concen: 0.126 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU036333.D

Acq: 23 Dec 2019 18:00

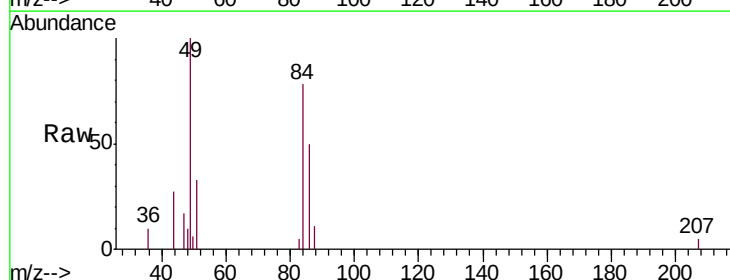
Tgt Ion: 84 Resp: 3629

Ion Ratio Lower Upper

84 100

86 63.4 43.0 79.8

49 135.2 77.3 143.5



Abundance Ion 84.05 (83.75 to 84.75): VU036333.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU036333.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU036333.D (-527) (-)

Time-->

3.05 3.10

3.08

3000

2500

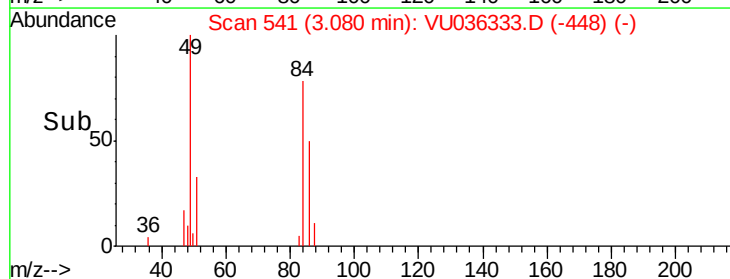
2000

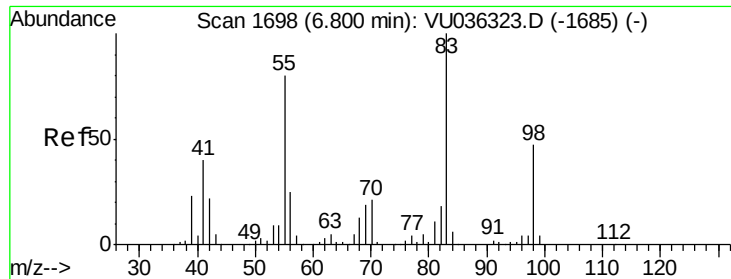
1500

1000

500

0

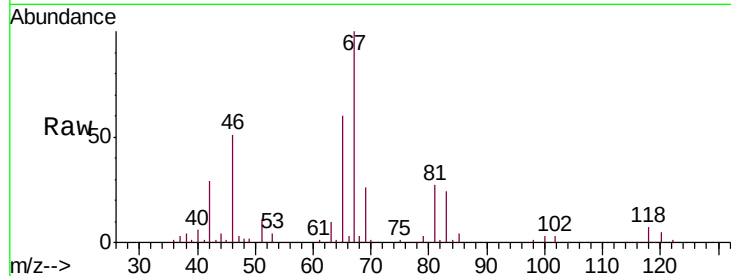




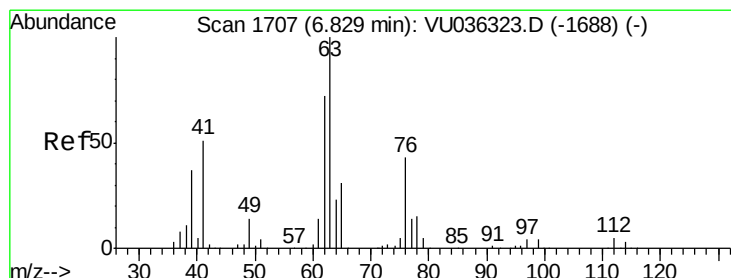
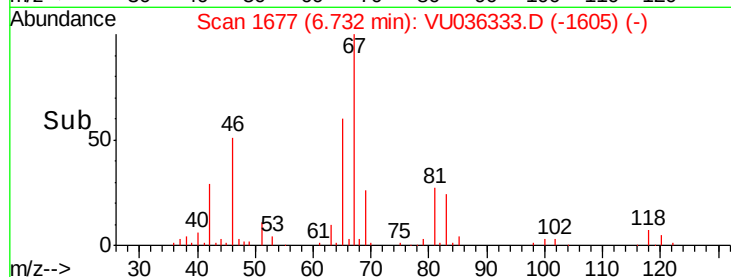
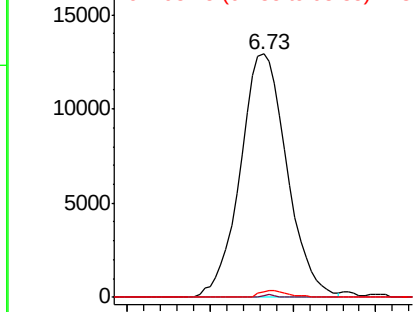
#35
Methylcyclohexane
Concen: 0.778 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036333.D
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Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 25297
Ion Ratio Lower Upper
83 100
55 0.3 62.6 94.0#
98 1.7 36.2 54.2#

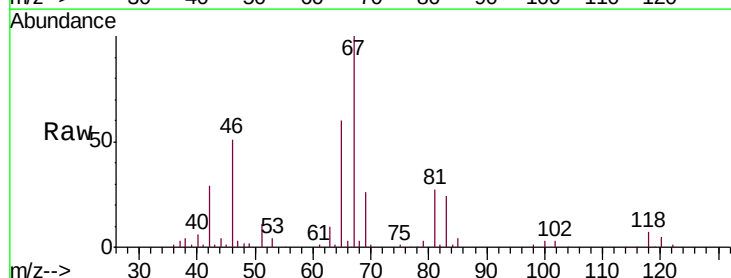


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

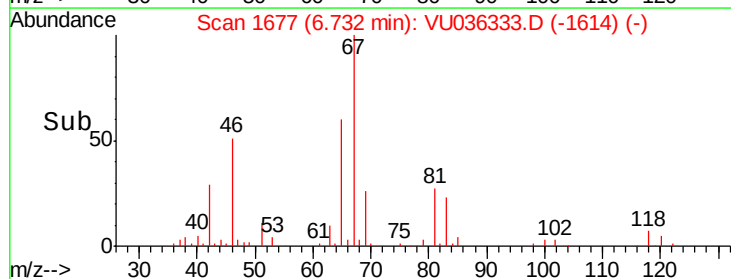
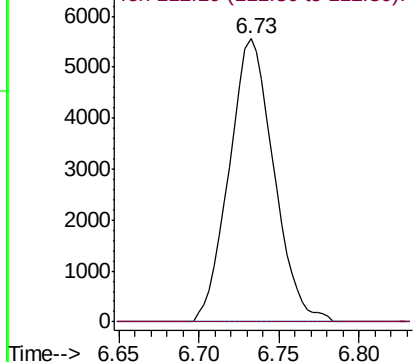


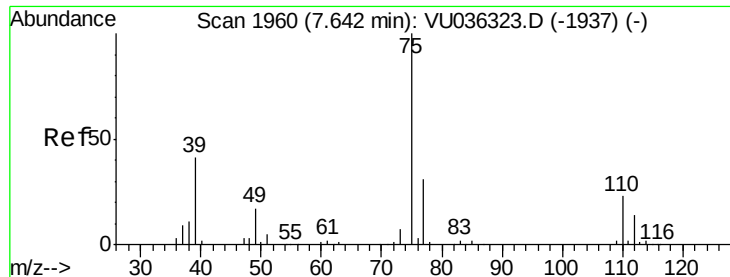
#37
1,2-Dichloropropane
Concen: 0.467 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036333.D
Acq: 23 Dec 2019 18:00

Tgt Ion: 63 Resp: 10563
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

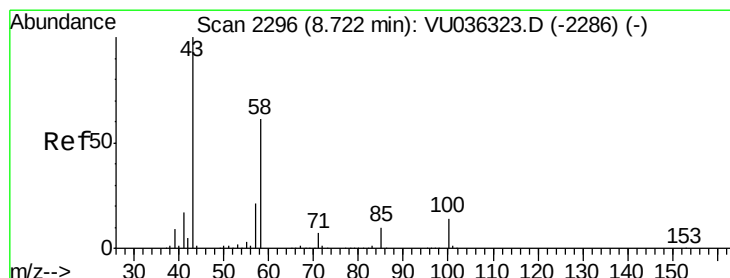
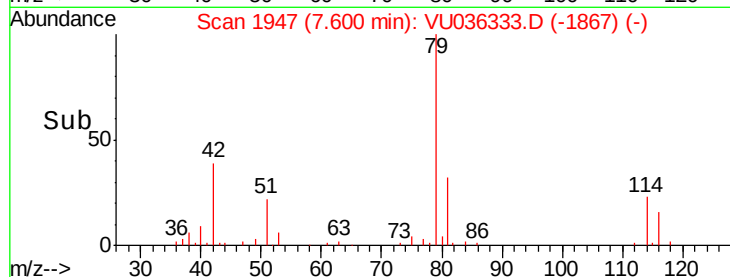
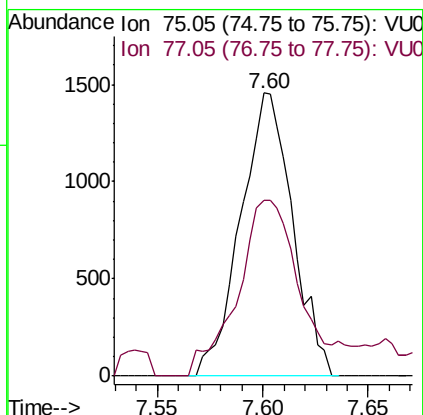
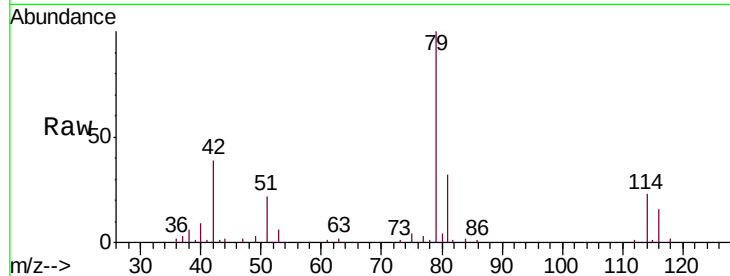




#39
 cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036333.D
 Acq: 23 Dec 2019 18:00

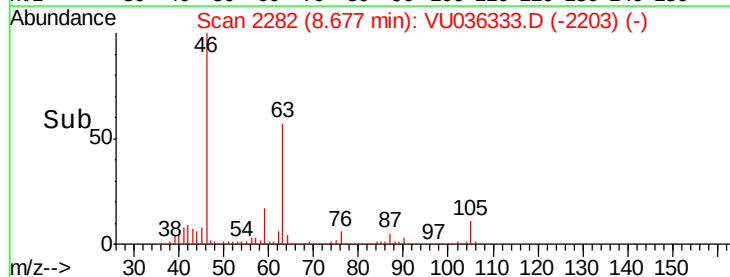
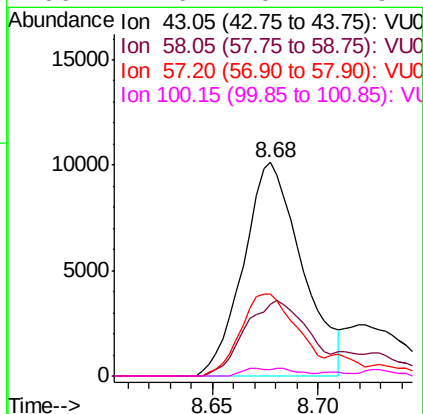
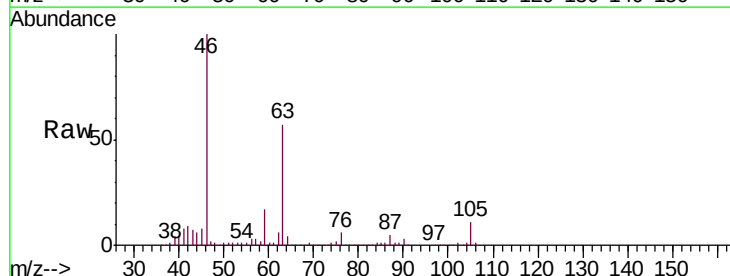
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

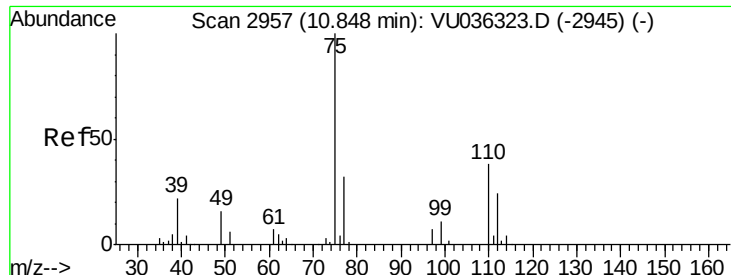
Tgt Ion: 75 Resp: 2485
 Ion Ratio Lower Upper
 75 100
 77 62.0 22.7 42.1#



#48
 2-Hexanone
 Concen: 2.219 ug/L
 RT: 8.68 min Scan# 2282
 Delta R.T. -0.05 min
 Lab File: VU036333.D
 Acq: 23 Dec 2019 18:00

Tgt Ion: 43 Resp: 19596
 Ion Ratio Lower Upper
 43 100
 58 38.0 46.2 69.2#
 57 37.2 16.2 24.4#
 100 1.6 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 0.891 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036333.D

Acq: 23 Dec 2019 18:00

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 13391

Ion Ratio Lower Upper

75 100

77 35.3 27.2 40.8

