

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037084.D
 Acq On : 05 Mar 2020 15:28
 Operator : JC/MD
 Sample : L1780-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DH8

Quant Time: Mar 05 22:39:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 22:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	252815	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	242560	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86924	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	79256	37.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.66%
7) Chloroethane-d5	1.93	69	80417	45.78	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.56%
11) 1,1-Dichloroethene-d2	2.59	63	111376	31.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.66%
21) 2-Butanone-d5	4.67	46	147879	103.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.84%
24) Chloroform-d	5.11	84	155795	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
26) 1,2-Dichloroethane-d4	5.74	65	108657	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.04%
32) Benzene-d6	5.76	84	328879	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
36) 1,2-Dichloropropane-d6	6.72	67	111423	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.06%
41) Toluene-d8	7.93	98	292142	44.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.78%
43) trans-1,3-Dichloropropene-	8.20	79	43816	41.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.98%
47) 2-Hexanone-d5	8.66	63	100781	90.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	156851	48.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.92%
64) 1,2-Dichlorobenzene-d4	12.21	152	87187	51.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.62%

Target Compounds

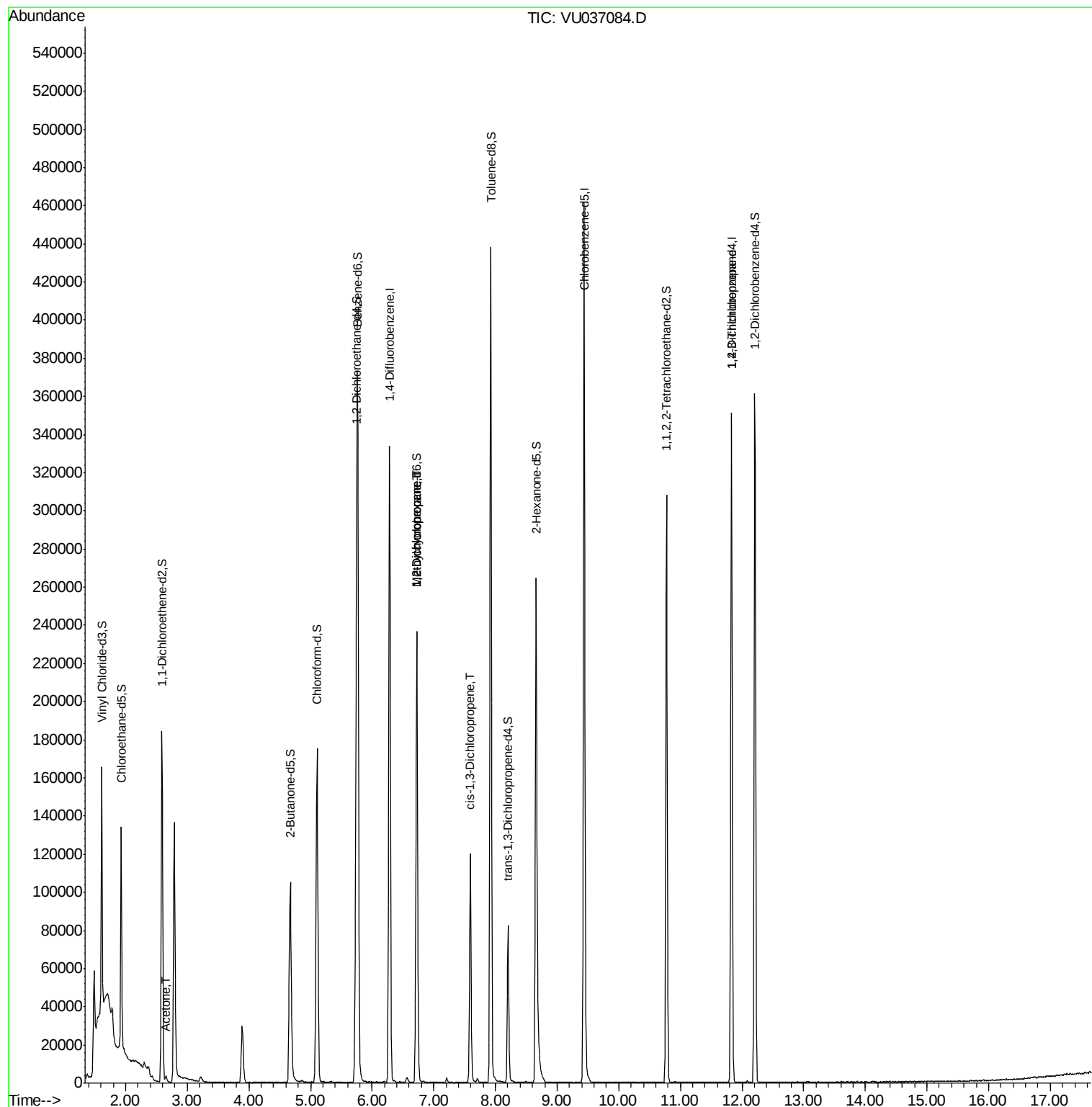
					Ovalue
13) Acetone	2.66	43	3199	2.184 ug/L	98
35) Methylcyclohexane	6.72	83	24322	7.448 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12176	5.901 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2596	0.817 ug/L #	67
59) 1,2,3-Trichloropropane	11.83	75	13489	5.082 ug/L	96

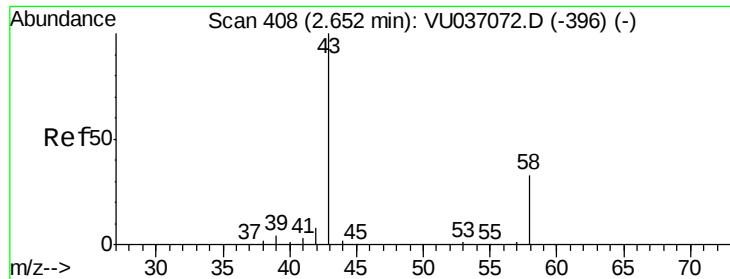
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU030520\
Data File : VU037084.D
Acq On : 05 Mar 2020 15:28
Operator : JC/MD
Sample : L1780-14
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DH8

Quant Time: Mar 05 22:39:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 22:35:59 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.184 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037084.D

Acq: 05 Mar 2020 15:28

Instrument :

MSVOA_U

ClientSampleId :

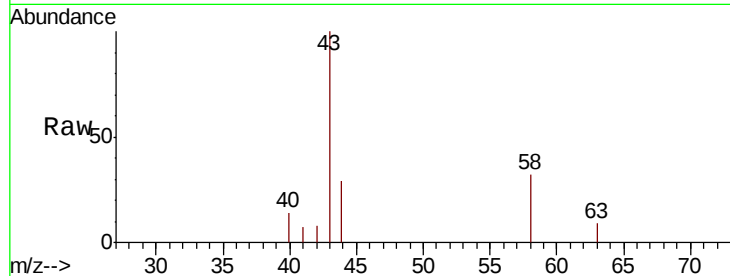
C0DH8

Tot Ion: 43 Resp: 3199

Ion Ratio Lower Upper

43 100

58 30.9 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037072.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU037072.D (-396) (-)

2.66

2000

1500

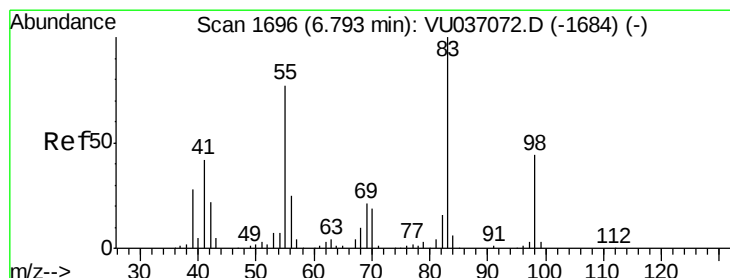
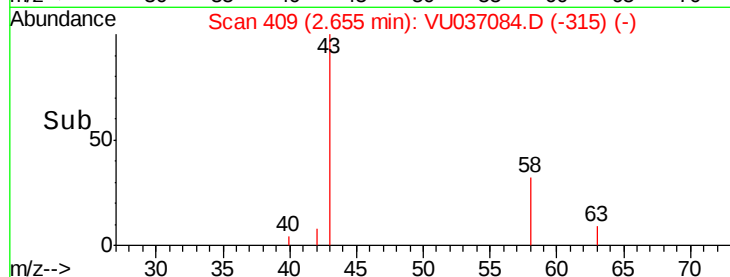
1000

500

0

2.60 2.65 2.70

Time-->



#35

Methylcyclohexane

Concen: 7.448 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037084.D

Acq: 05 Mar 2020 15:28

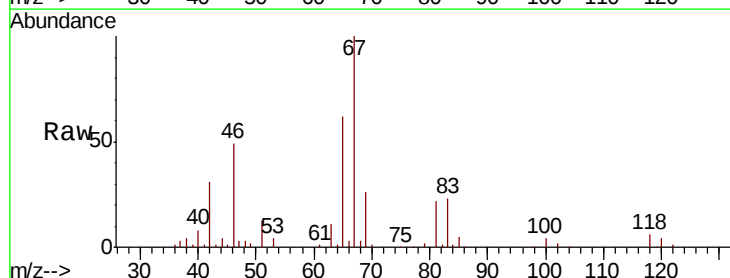
Tgt Ion: 83 Resp: 24322

Ion Ratio Lower Upper

83 100

55 0.2 62.6 93.8#

98 1.3 35.1 52.7#



Abundance Ion 83.00 (82.70 to 83.70): VU037072.D (-1684) (-)

Ion 55.00 (54.70 to 55.70): VU037072.D (-1684) (-)

Ion 98.00 (97.70 to 98.70): VU037072.D (-1684) (-)

6.72

15000

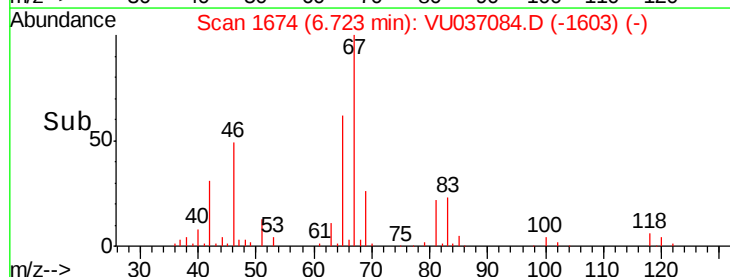
10000

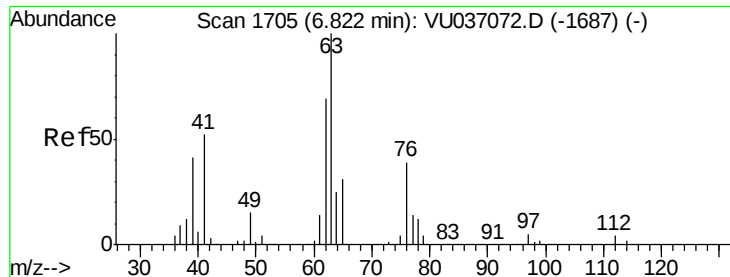
5000

0

6.65 6.70 6.75 6.80

Time-->

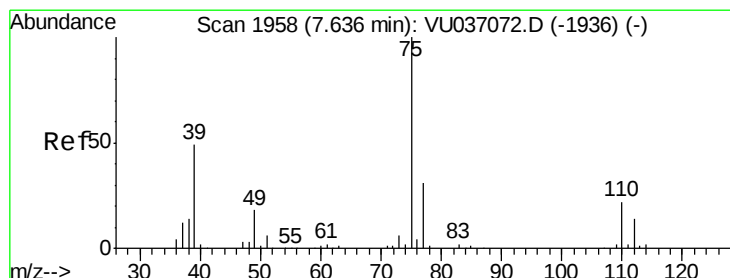
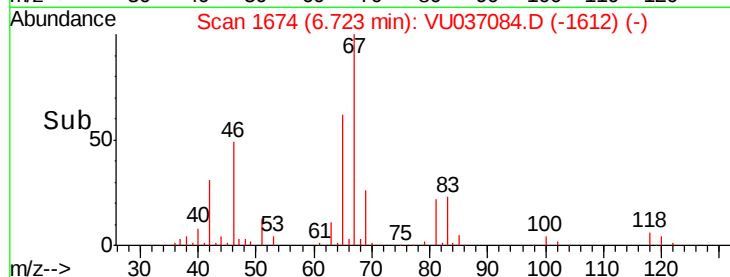
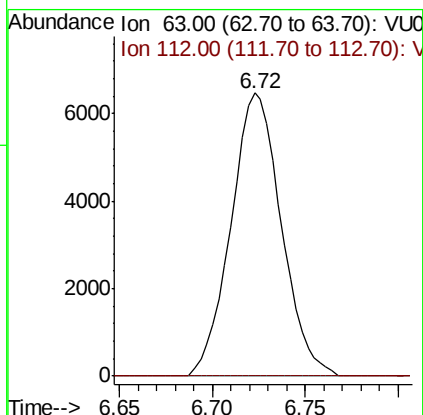
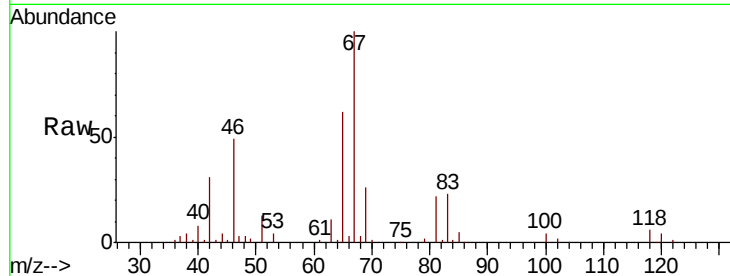




#37
 1,2-Dichloropropane
 Concen: 5.901 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037084.D
 Acq: 05 Mar 2020 15:28

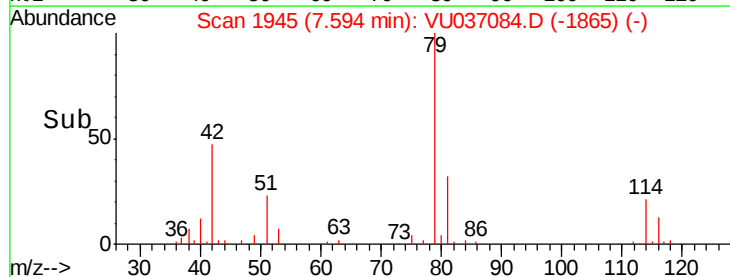
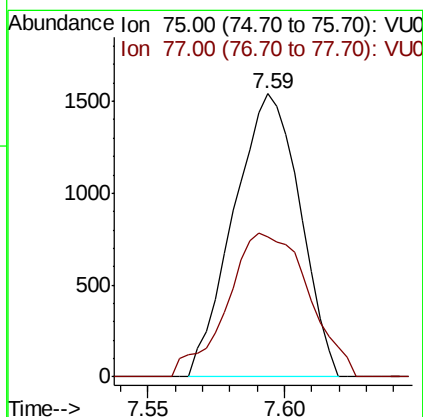
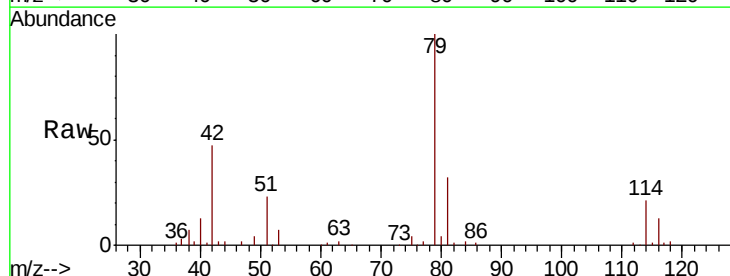
Instrument :
 MSVOA_U
 ClientSampleID :
 C0DH8

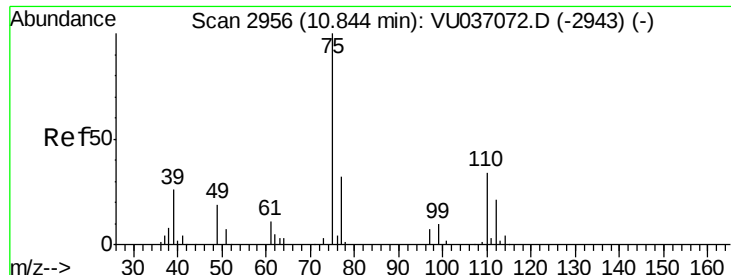
Tot Ion: 63 Resp: 12176
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.817 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037084.D
 Acq: 05 Mar 2020 15:28

Tgt Ion: 75 Resp: 2596
 Ion Ratio Lower Upper
 75 100
 77 49.5 22.0 41.0#





#59

1,2,3-Trichloropropane

Concen: 5.082 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037084.D

Acq: 05 Mar 2020 15:28

Instrument :

MSVOA_U

ClientSampleId :

C0DH8

Tot Ion: 75 Resp: 13489

Ion Ratio Lower Upper

75 100

77 35.1 26.2 39.2

