

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037673.D
 Acq On : 10 Apr 2020 15:17
 Operator : JC/MD
 Sample : L2189-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 23:31:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 23:26:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	505569	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	480850	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	230157	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	188642	42.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.36%
7) Chloroethane-d5	1.93	69	159474	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.30%
11) 1,1-Dichloroethene-d2	2.59	63	242131	33.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.24%
21) 2-Butanone-d5	4.66	46	360614	100.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.70%
24) Chloroform-d	5.11	84	306350	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	5.74	65	219618	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.34%
32) Benzene-d6	5.76	84	661060	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
36) 1,2-Dichloropropane-d6	6.72	67	224901	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.52%
41) Toluene-d8	7.92	98	594694	45.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.68%
43) trans-1,3-Dichloropropene-	8.20	79	114666	45.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.10%
47) 2-Hexanone-d5	8.65	63	265186	98.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	313325	47.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	220075	45.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.90%

Target Compounds

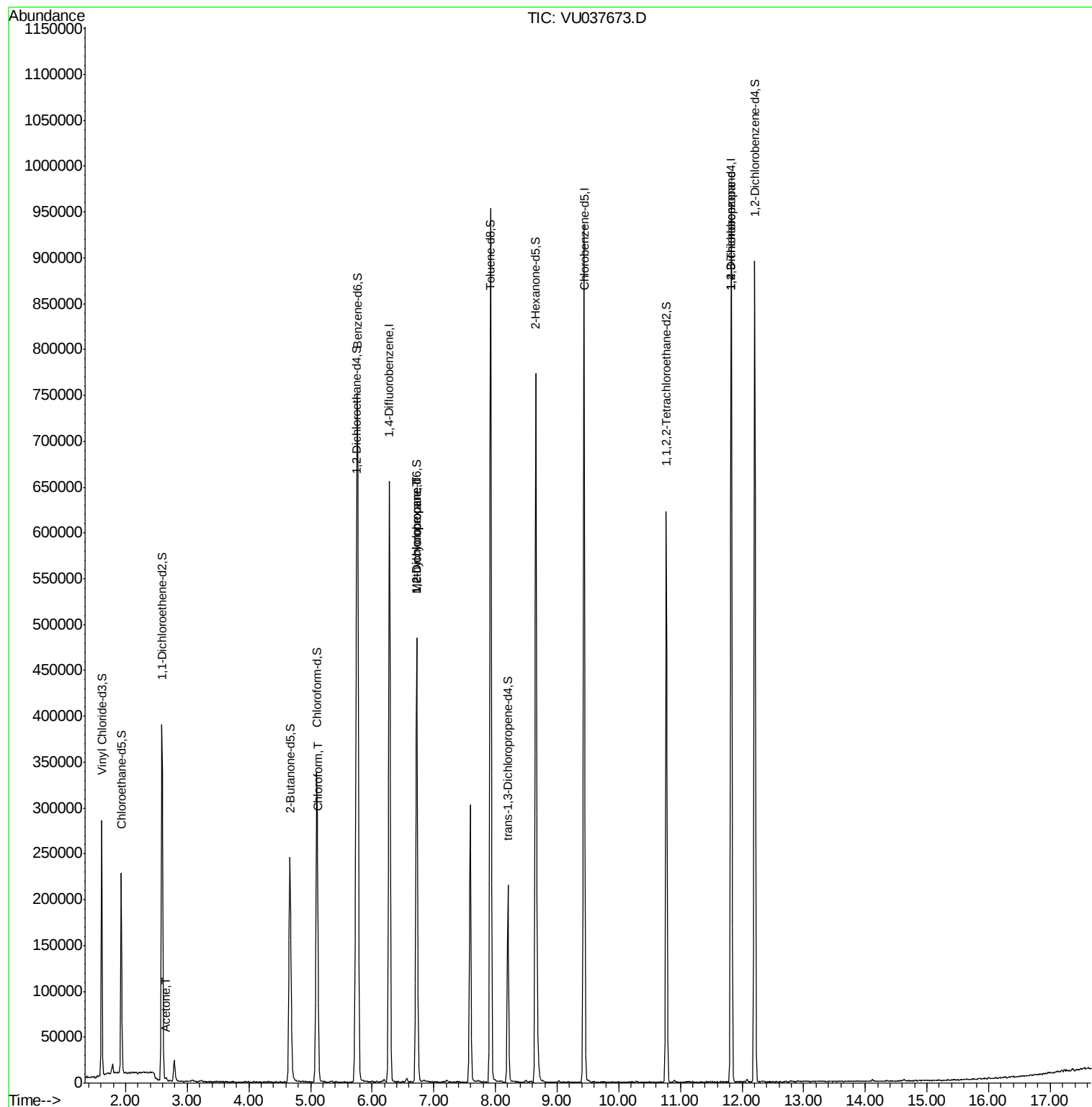
					Ovalue
13) Acetone	2.66	43	3781	1.788	ug/L 100
25) Chloroform	5.12	83	6911	1.081	ug/L 90
35) Methylcyclohexane	6.72	83	50006	7.824	ug/L # 18
37) 1,2-Dichloropropane	6.72	63	24770	6.160	ug/L # 87
59) 1,2,3-Trichloropropane	11.83	75	31633	5.791	ug/L 91

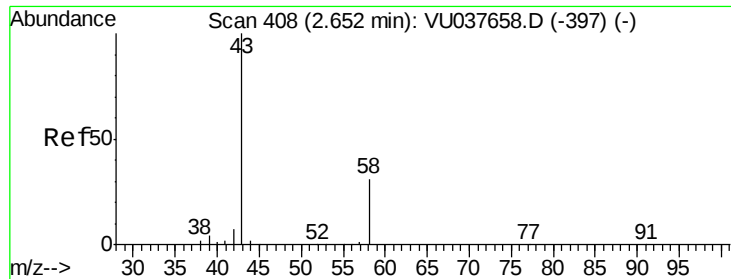
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.788 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

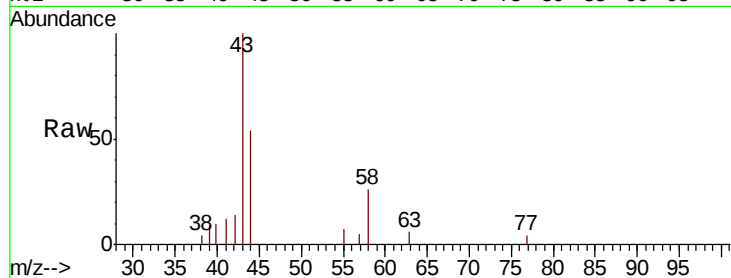
ClientSampled :

Tot Ion: 43 Resp: 3781

Ion Ratio Lower Upper

43 100

58 31.4 0.0 63.2



Abundance Ion 43.00 (42.70 to 43.70): VU037658.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU037658.D (-397) (-)

2.66

2500

2000

1500

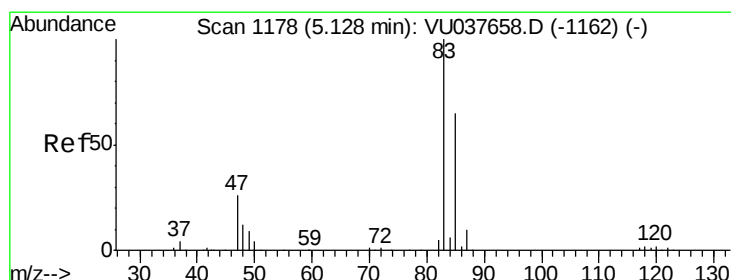
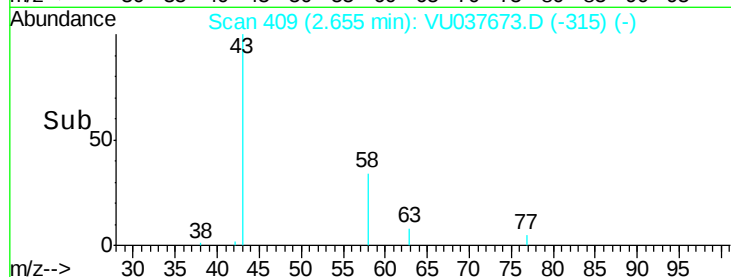
1000

500

0

2.60 2.65 2.70

Time-->



#25

Chloroform

Concen: 1.081 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU037673.D

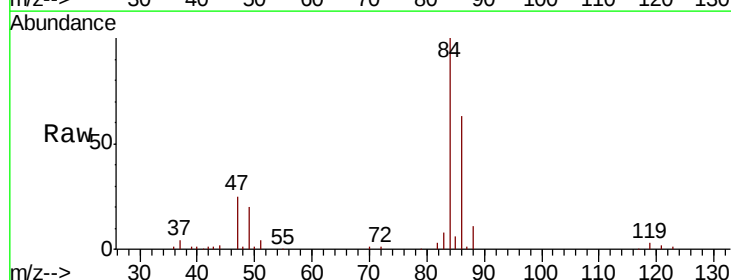
Acq: 10 Apr 2020 15:17

Tgt Ion: 83 Resp: 6911

Ion Ratio Lower Upper

83 100

85 72.7 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VU037658.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU037658.D (-1162) (-)

5.12

4000

3000

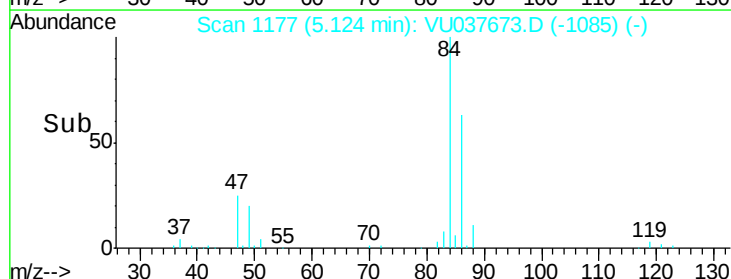
2000

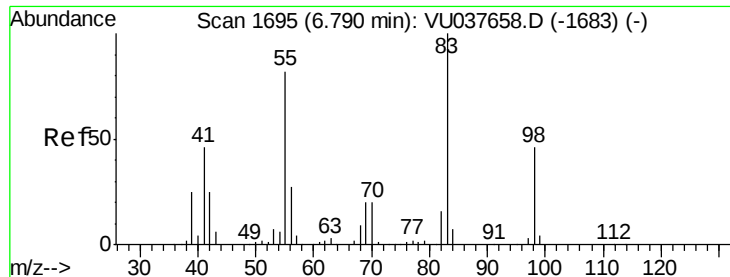
1000

0

5.10 5.15

Time-->

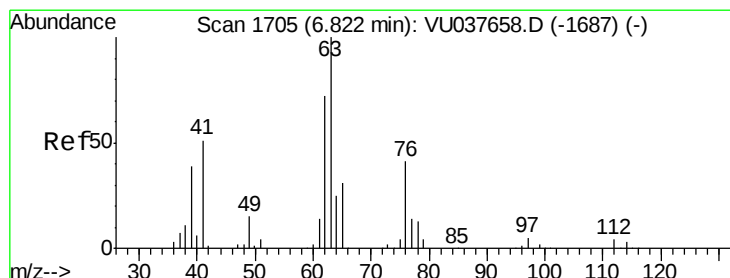
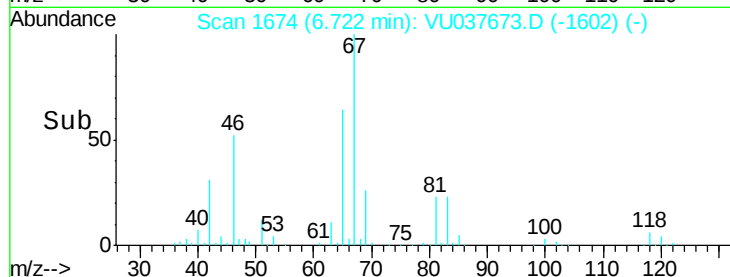
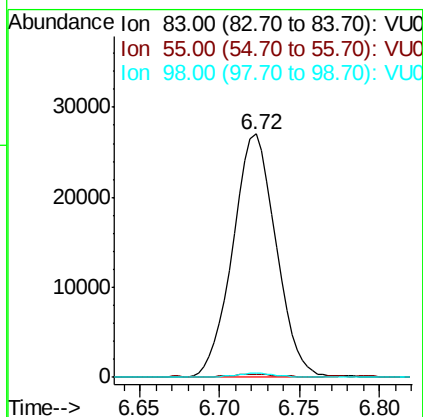
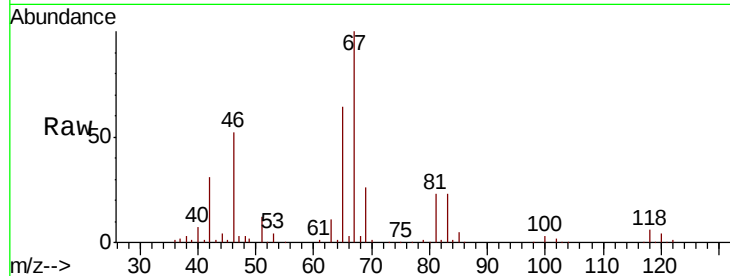




#35
Methvlcvclohexane
Concen: 7.824 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037673.D
Acq: 10 Apr 2020 15:17

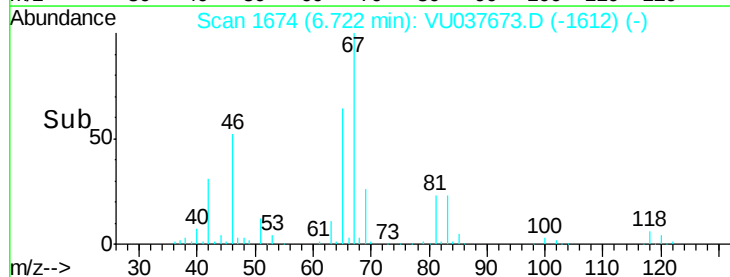
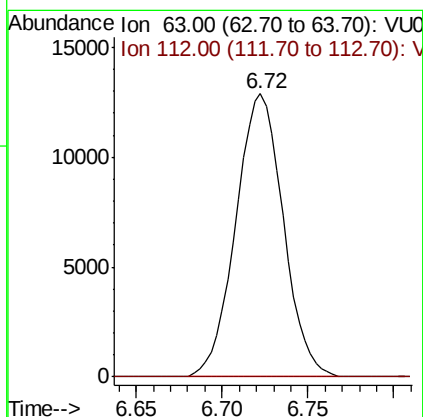
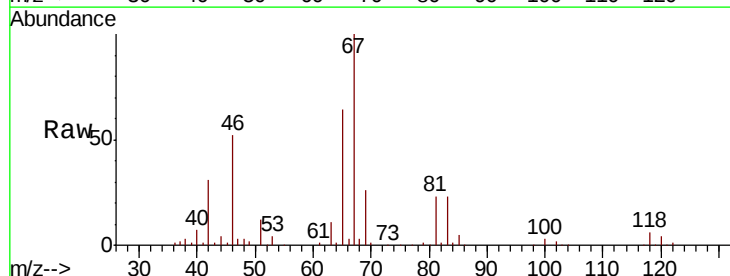
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MSVOA_U
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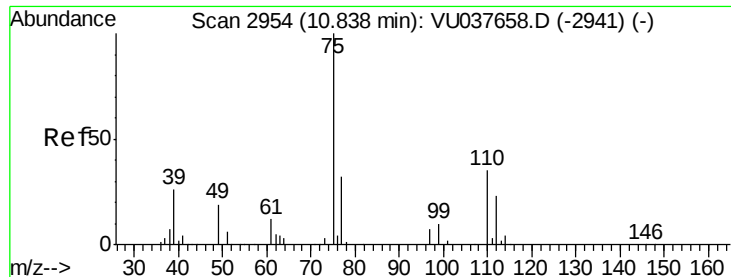
Tot Ion: 83 Resp: 50006
Ion Ratio Lower Upper
83 100
55 1.4 64.6 96.8#
98 1.5 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 6.160 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037673.D
Acq: 10 Apr 2020 15:17

Tgt Ion: 63 Resp: 24770
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#59

1,2,3-Trichloropropane

Concen: 5.791 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037673.D

Acq: 10 Apr 2020 15:17

Instrument :

MSVOA_U

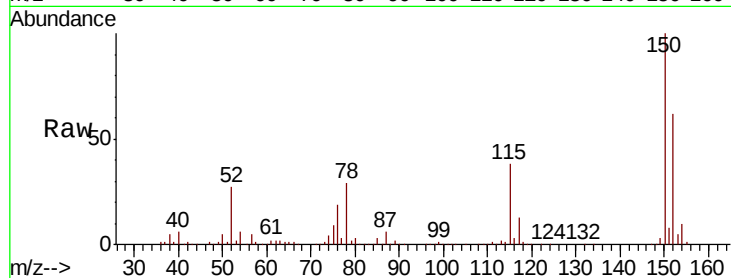
ClientSampleId :

Tot Ion: 75 Resp: 31633

Ion Ratio Lower Upper

75 100

77 36.9 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

