

Data File : VU033274.D
Acq On : 16 Jul 2019 19:50
Operator : JC/SP
Sample : VIBLK42
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK42

Quant Time: Jul 17 04:50:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 17 04:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	121102	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	127352	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	54674	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	51612	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.67	69	44309	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.26	63	82157	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.17	46	118534	51.58	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.16%
24) Chloroform-d	4.62	84	83872	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.29	65	47763	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.32	84	165142	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.31	67	54796	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.55	98	141771	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.83	79	19959	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.30	63	92638	49.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.74%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	46744	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	54203	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

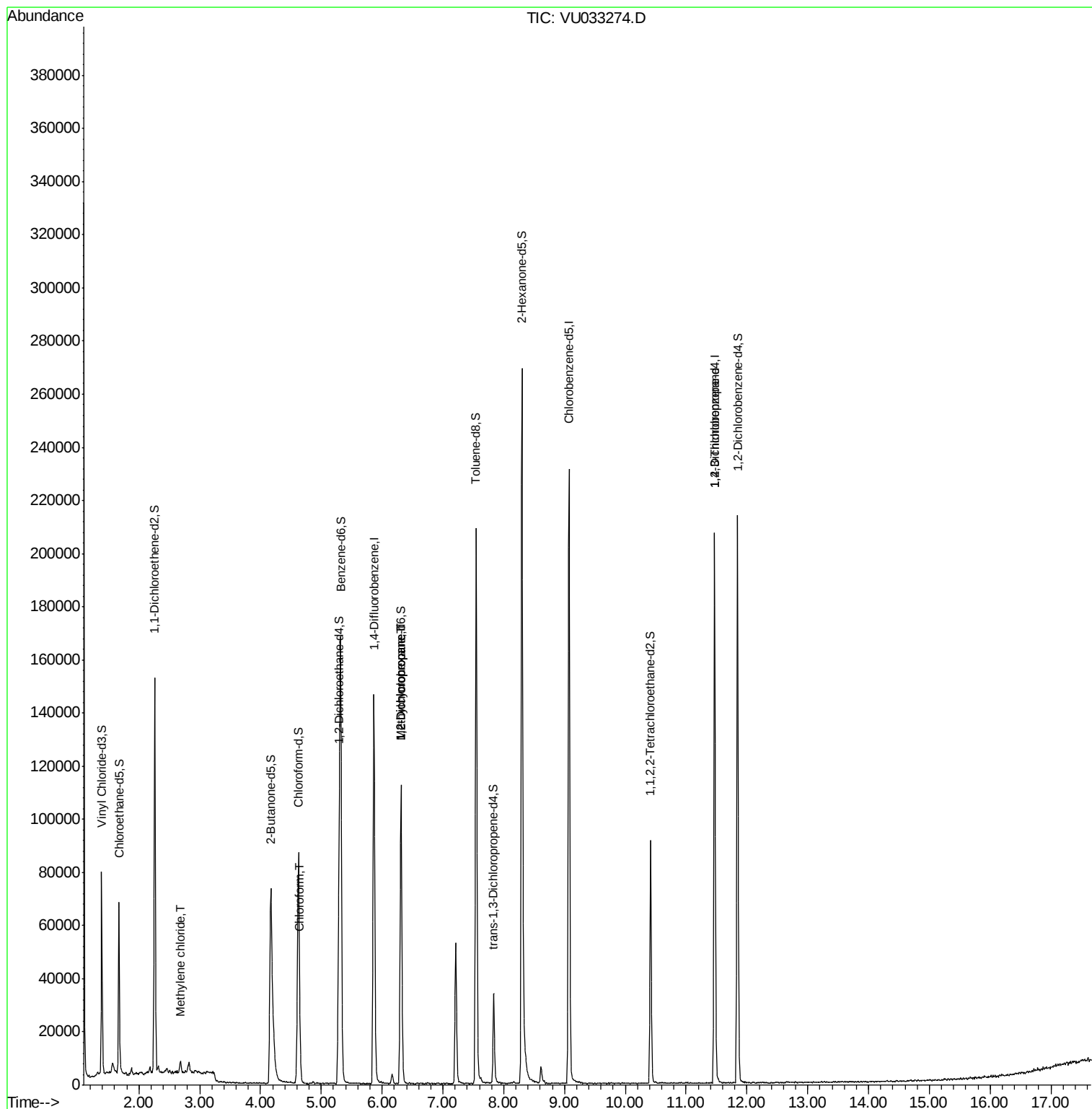
					Qvalue
16) Methylene chloride	2.68	84	1442	0.119 ug/L	96
25) Chloroform	4.65	83	3508	0.192 ug/L	95
35) Methylcyclohexane	6.31	83	13103	0.911 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	5846	0.599 ug/L #	92
59) 1,2,3-Trichloropropane	11.47	75	6818	1.072 ug/L	92

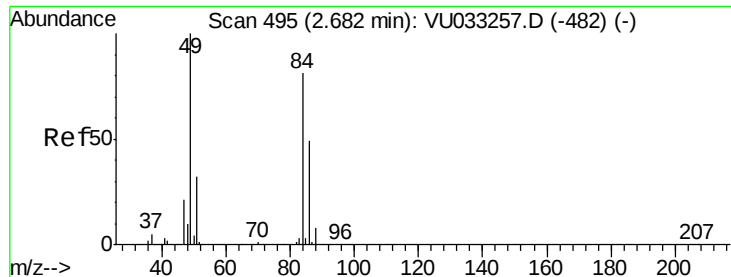
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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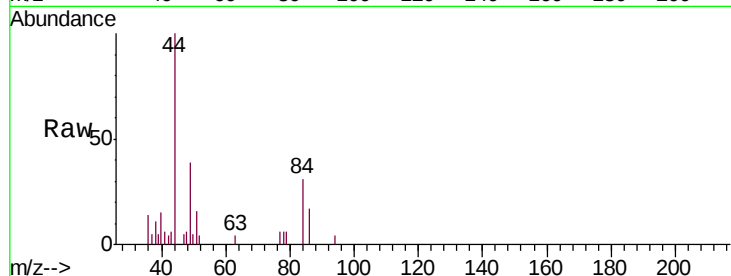




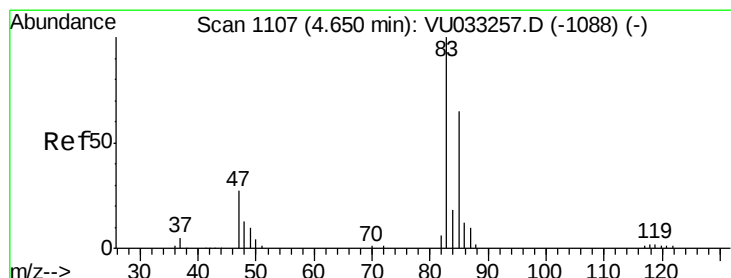
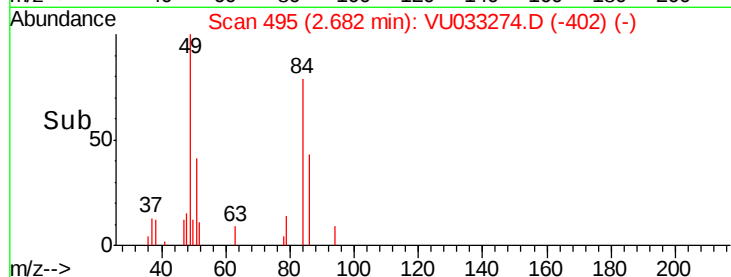
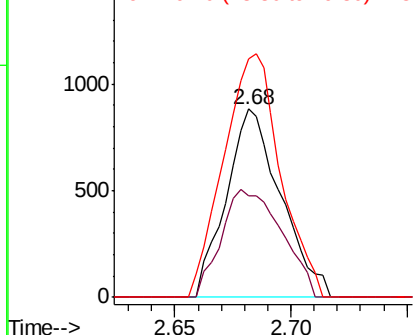
#16
Methylene chloride
Concen: 0.119 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
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Tgt Ion: 84 Resp: 1442
Ion Ratio Lower Upper
84 100
86 54.3 42.5 78.9
49 126.9 86.9 161.3

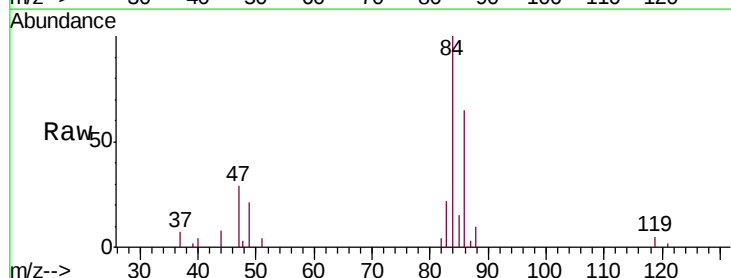


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

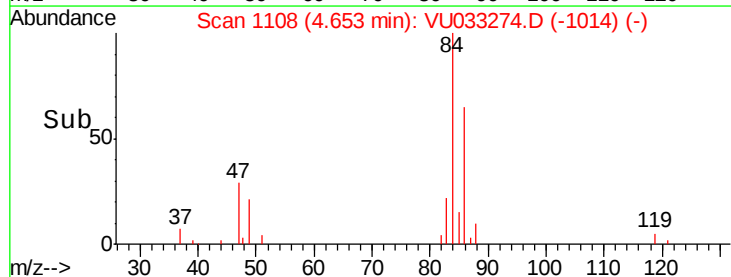
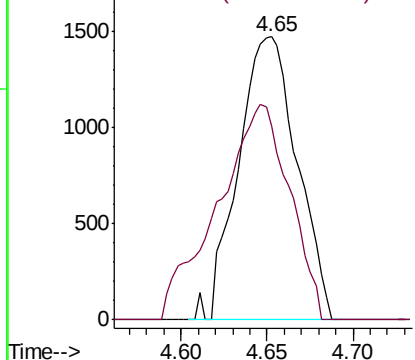


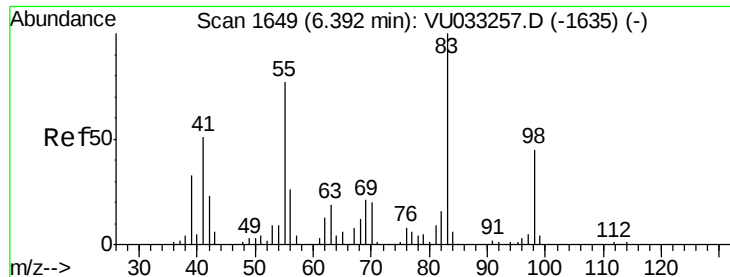
#25
Chloroform
Concen: 0.192 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU033274.D
Acq: 16 Jul 2019 19:50

Tgt Ion: 83 Resp: 3508
Ion Ratio Lower Upper
83 100
85 68.7 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0





#35

Methylcyclohexane

Concen: 0.911 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

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VIBLK42

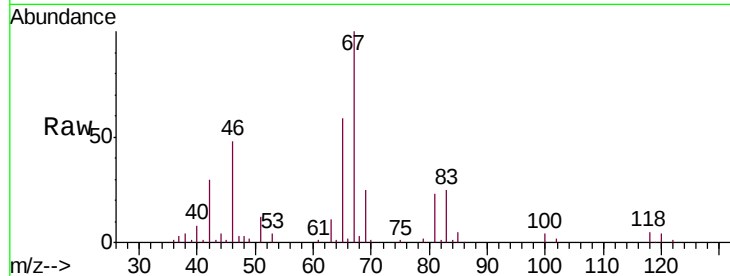
Tgt Ion: 83 Resp: 13103

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

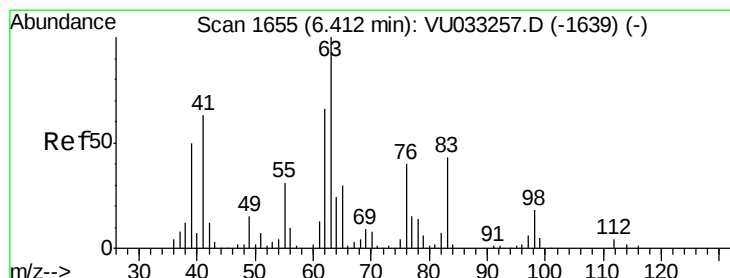
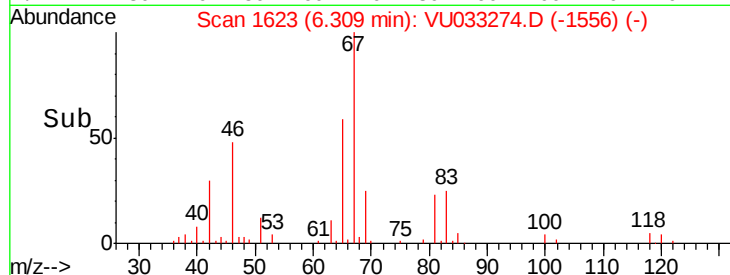
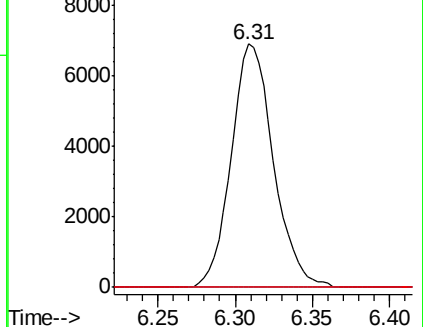
98 1.2 36.2 54.2#



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: 0.599 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033274.D

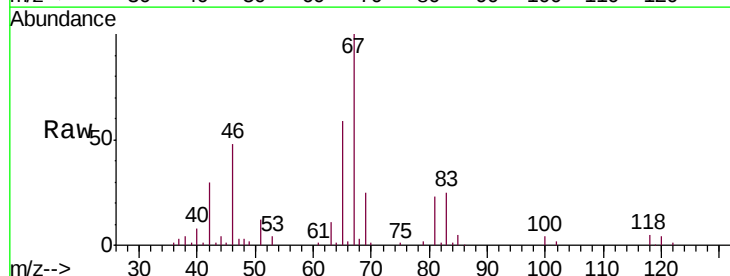
Acq: 16 Jul 2019 19:50

Tgt Ion: 63 Resp: 5846

Ion Ratio Lower Upper

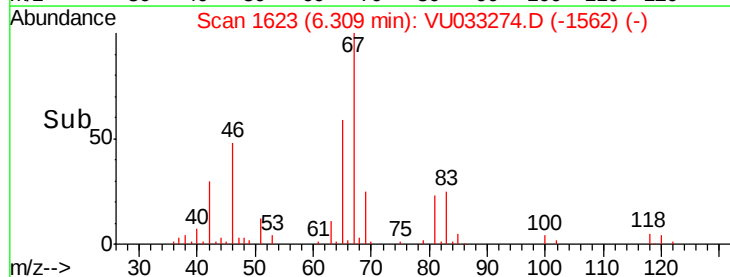
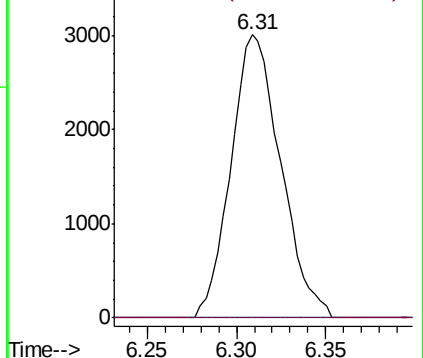
63 100

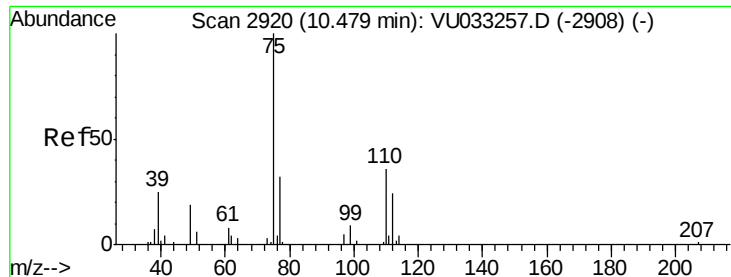
112 1.2 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#59

1,2,3-Trichloropropane

Concen: 1.072 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033274.D

Acq: 16 Jul 2019 19:50

Instrument :

MSVOA_U

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VIBLK42

Tgt Ion: 75 Resp: 6818

Ion Ratio Lower Upper

75 100

77 37.8 26.5 39.7

