

Data File : VU033346.D
Acq On : 19 Jul 2019 22:17
Operator : JC/SP
Sample : VU0720WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK14

Quant Time: Jul 20 05:24:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 20 05:21:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	117066	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	124285	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	51769	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	46943	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.67	69	44650	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.26	63	73621	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.17	46	121349	54.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.24%
24) Chloroform-d	4.62	84	69875	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	5.29	65	44349	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.31	84	148228	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.31	67	49882	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.55	98	121286	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	7.84	79	18126	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.30	63	91713	50.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.18%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	42597	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	46944	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

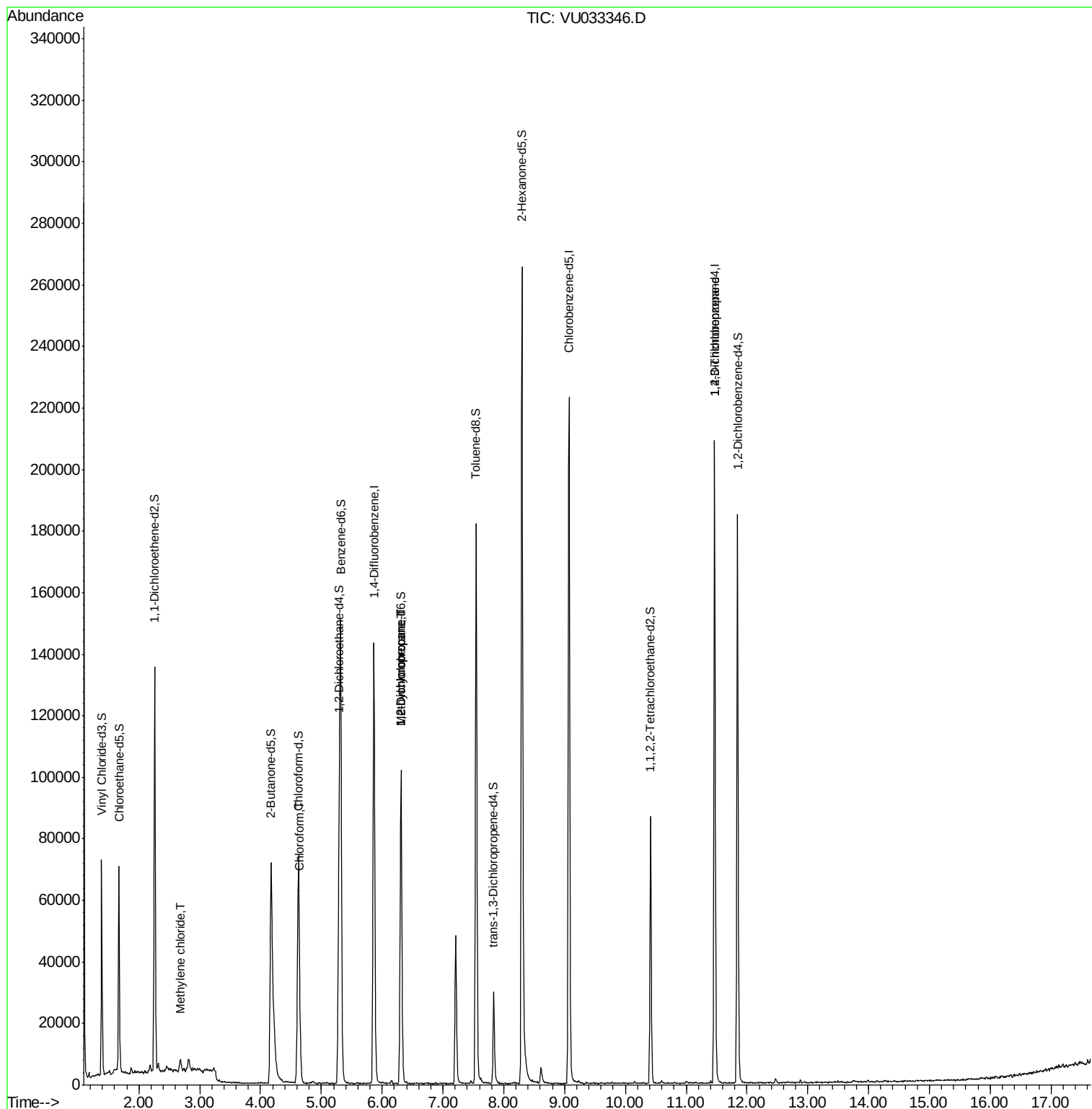
					Qvalue
16) Methylene chloride	2.68	84	1303	0.111 ug/L	99
25) Chloroform	4.65	83	8939	0.506 ug/L	92
35) Methylcyclohexane	6.31	83	11621	0.828 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	5464	0.574 ug/L #	88
59) 1,2,3-Trichloropropane	11.47	75	7703	1.241 ug/L	97

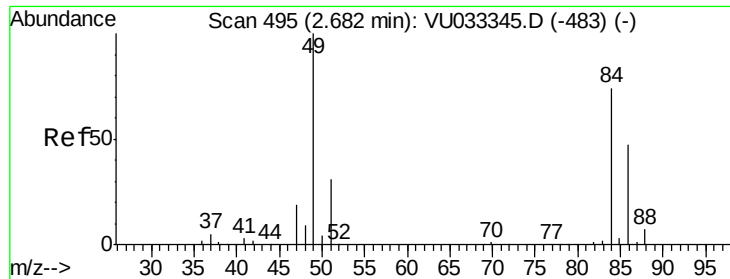
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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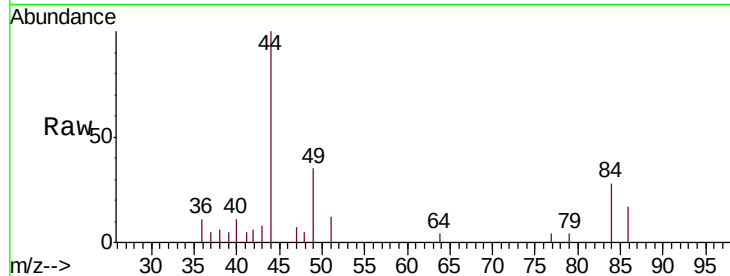




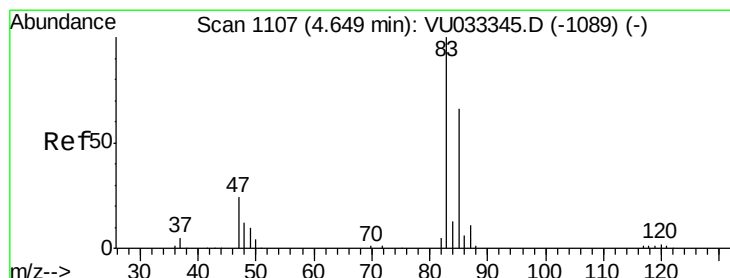
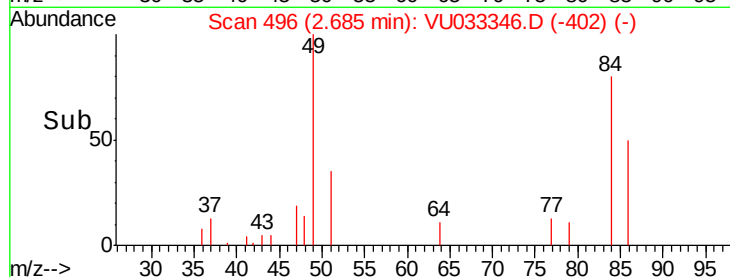
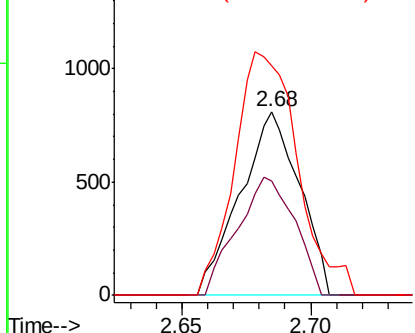
#16
Methylene chloride
Concen: 0.111 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033346.D
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Instrument :
MSVOA_U
ClientSampleId :
VBLK14

Tgt Ion: 84 Resp: 1303
Ion Ratio Lower Upper
84 100
86 62.1 42.5 78.9
49 125.2 86.9 161.3

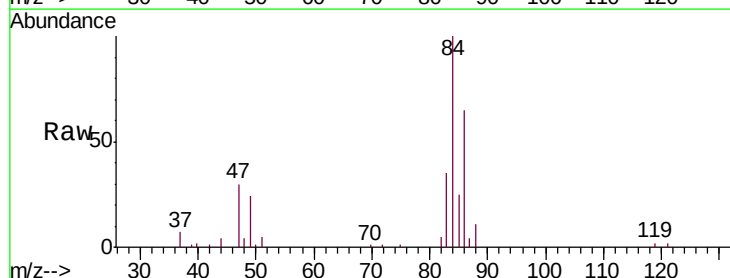


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

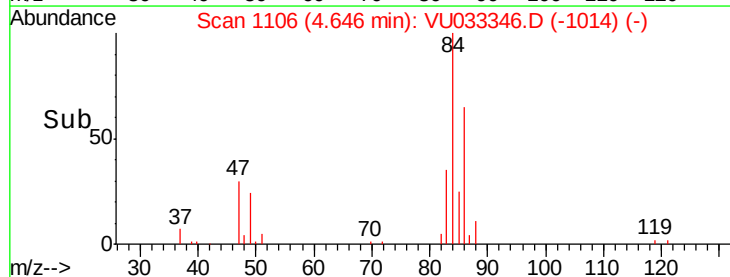
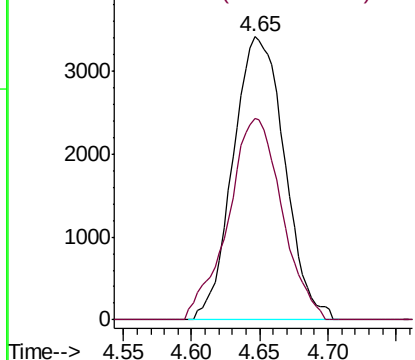


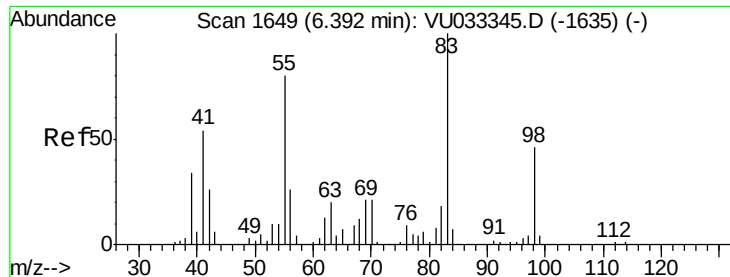
#25
Chloroform
Concen: 0.506 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033346.D
Acq: 19 Jul 2019 22:17

Tgt Ion: 83 Resp: 8939
Ion Ratio Lower Upper
83 100
85 71.0 45.4 84.4



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

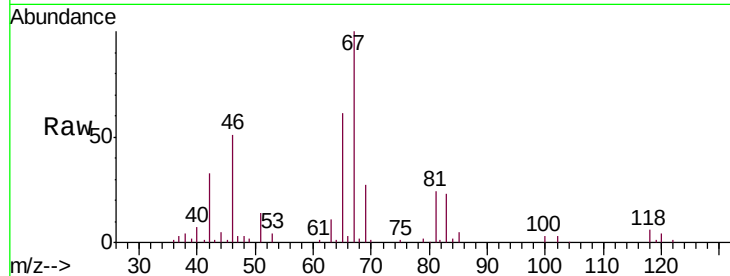




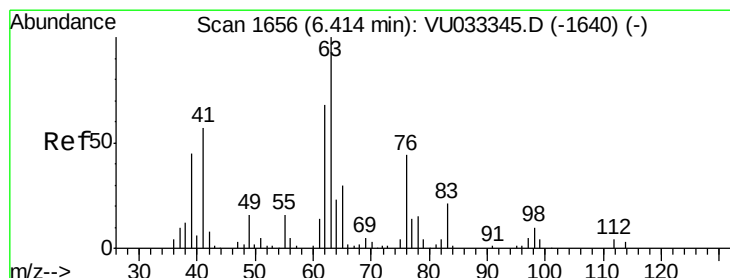
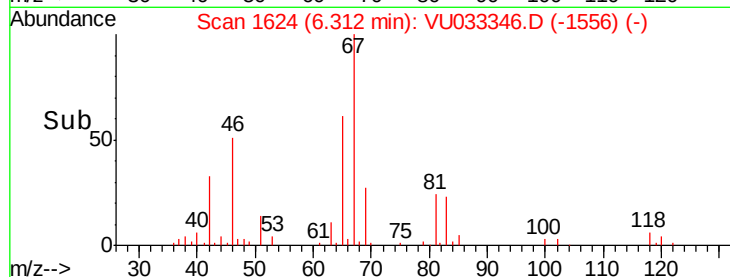
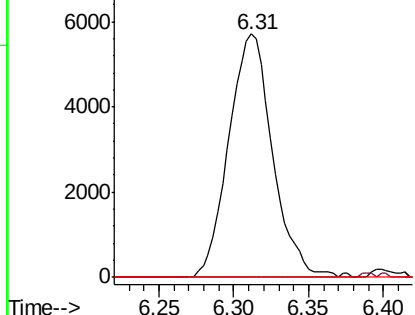
#35
Methylcyclohexane
Concen: 0.828 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
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Instrument :
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VBLK14

Tgt Ion: 83 Resp: 11621
Ion Ratio Lower Upper
83 100
55 0.5 62.6 94.0#
98 0.0 36.2 54.2#

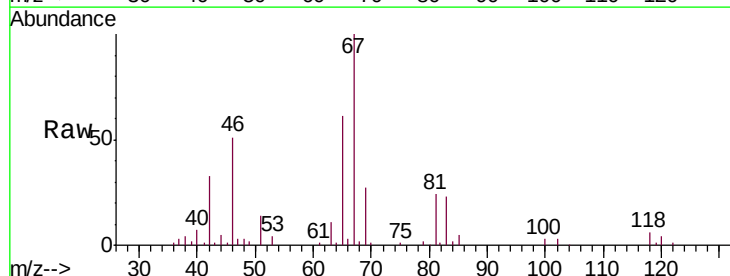


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

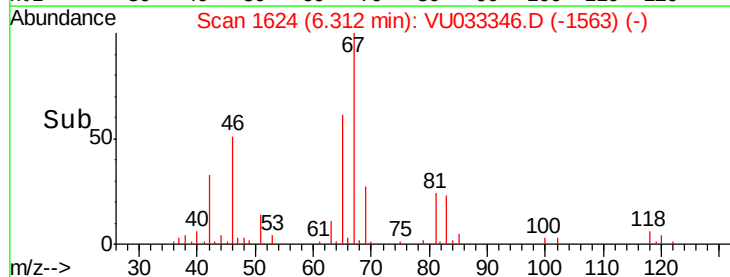
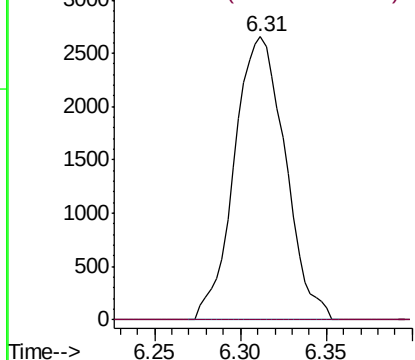


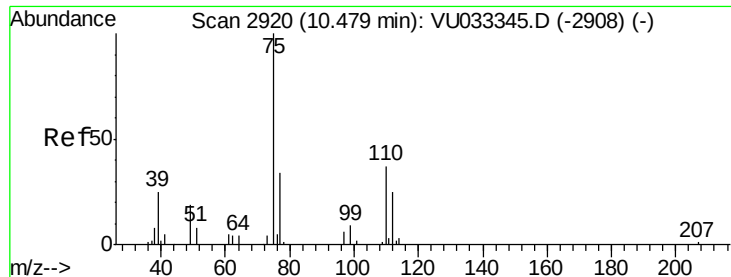
#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU033346.D
Acq: 19 Jul 2019 22:17

Tgt Ion: 63 Resp: 5464
Ion Ratio Lower Upper
63 100
112 0.0 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: 1.241 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033346.D

Acq: 19 Jul 2019 22:17

Instrument :

MSVOA_U

ClientSampleId :

VBLK14

Tgt Ion: 75 Resp: 7703

Ion Ratio Lower Upper

75 100

77 31.3 26.5 39.7

