

Data File : VU034959.D
Acq On : 07 Oct 2019 14:58
Operator : JC/SP
Sample : K5196-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Oct 09 04:00:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 03:56:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	196071	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	191096	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	81042	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52123	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.67	69	47656	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.26	63	78350	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.18	46	158871	46.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.10%
24) Chloroform-d	4.62	84	94412	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.29	65	59459	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.31	84	215535	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.31	67	73306	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.54	98	198393	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.84	79	22838	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.30	63	121637	47.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.88%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	60249	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	72496	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

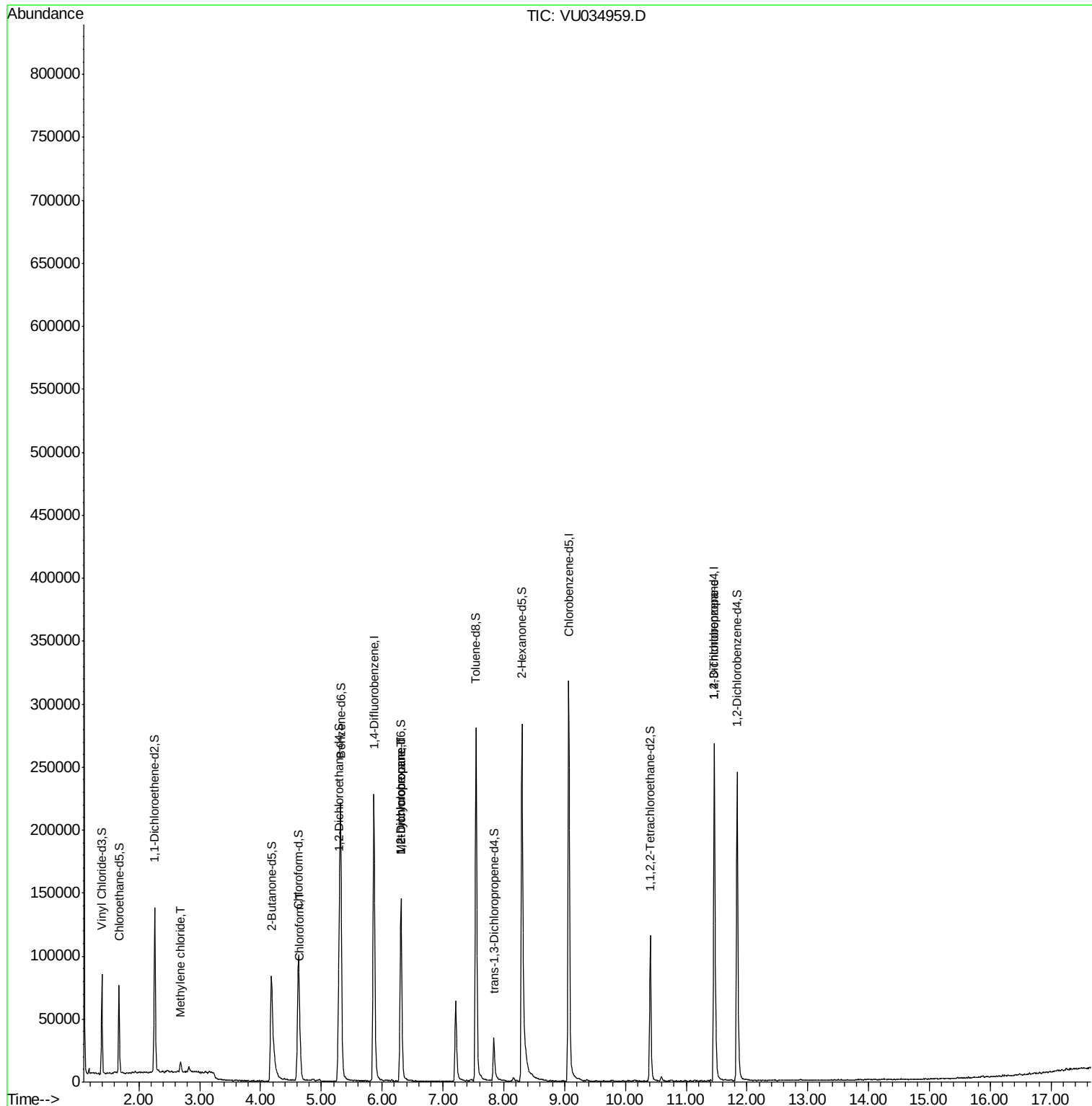
						Qvalue
16) Methylene chloride	2.68	84	3143	0.202	ug/L	74
25) Chloroform	4.65	83	16766	0.557	ug/L	95
35) Methylcyclohexane	6.31	83	15343	0.638	ug/L #	19
37) 1,2-Dichloropropane	6.31	63	8304	0.535	ug/L #	89
59) 1,2,3-Trichloropropane	11.46	75	10369	1.032	ug/L	94

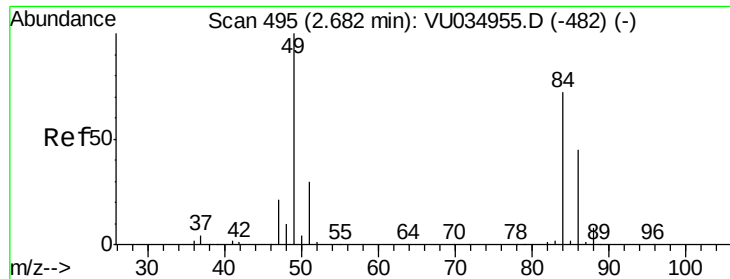
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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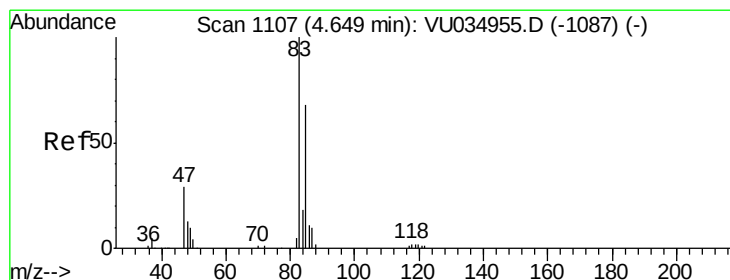
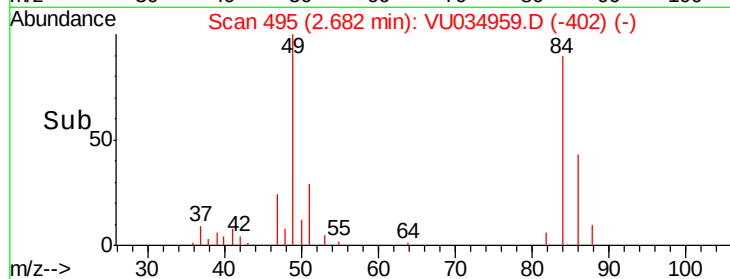
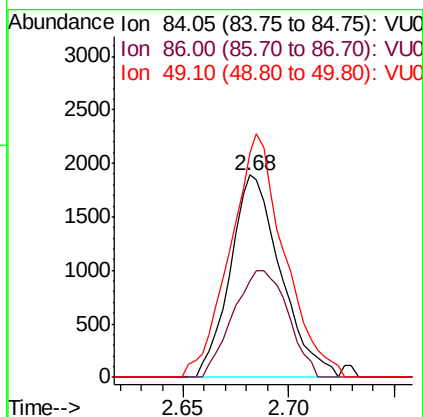
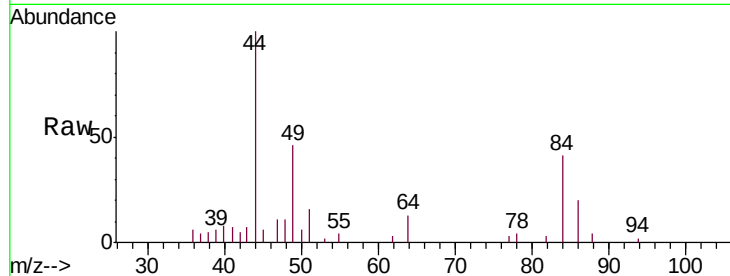




#16
Methylene chloride
Concen: 0.202 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU034959.D
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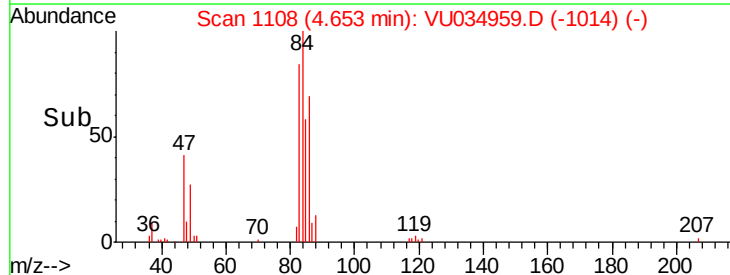
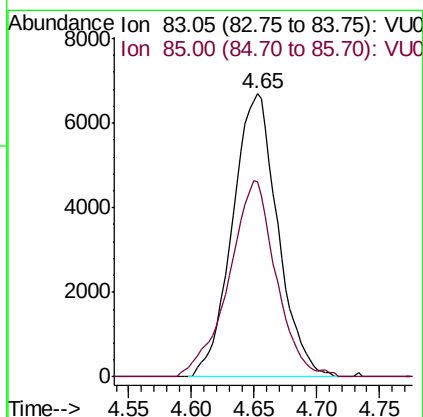
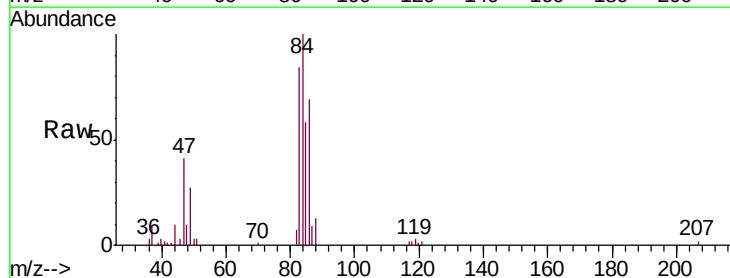
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

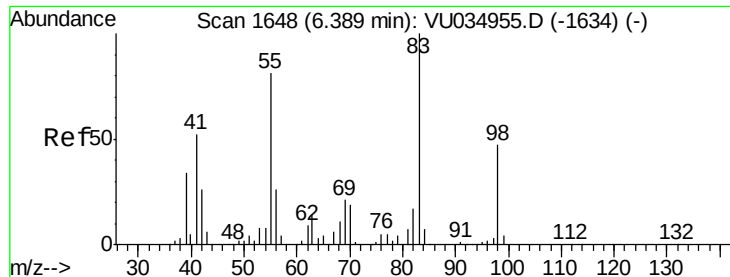
Tgt Ion: 84 Resp: 3143
Ion Ratio Lower Upper
84 100
86 47.6 46.3 86.1
49 111.0 101.4 188.4



#25
Chloroform
Concen: 0.557 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU034959.D
Acq: 07 Oct 2019 14:58

Tgt Ion: 83 Resp: 16766
Ion Ratio Lower Upper
83 100
85 69.0 45.4 84.4





#35

Methylcyclohexane

Concen: 0.638 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU034959.D

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

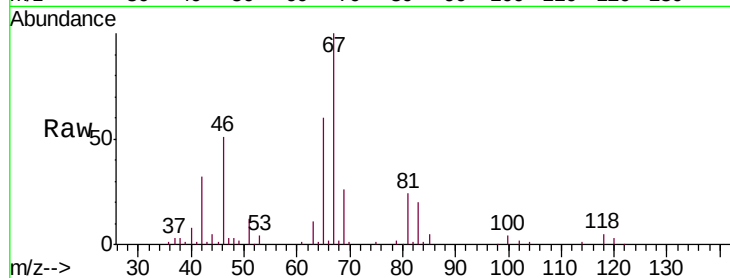
Tgt Ion: 83 Resp: 15343

Ion Ratio Lower Upper

83 100

55 1.3 62.4 93.6#

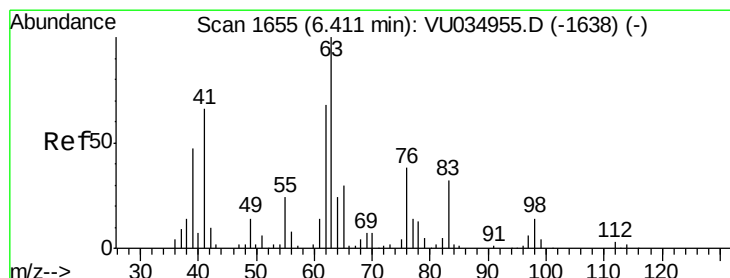
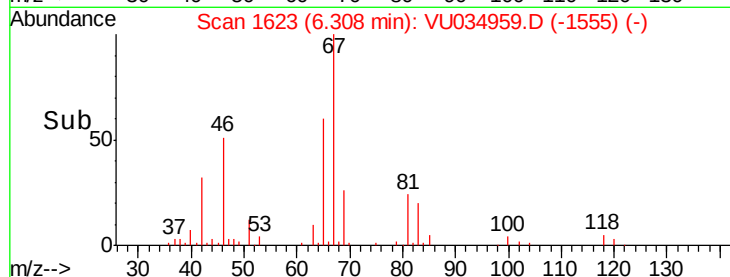
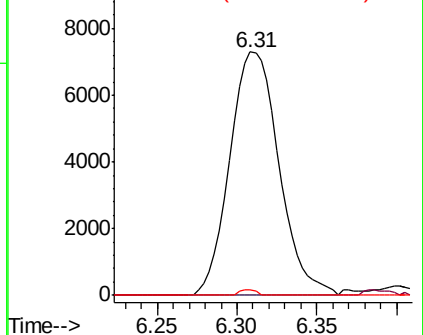
98 0.7 35.5 53.3#



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: 0.535 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU034959.D

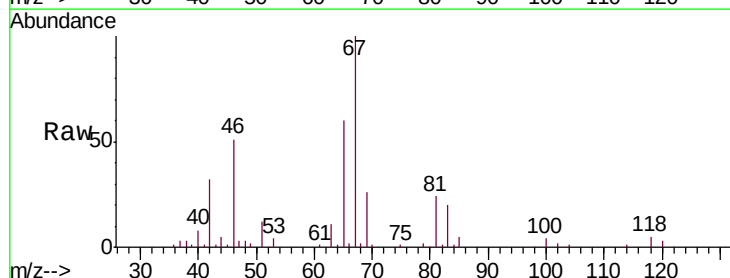
Acq: 07 Oct 2019 14:58

Tgt Ion: 63 Resp: 8304

Ion Ratio Lower Upper

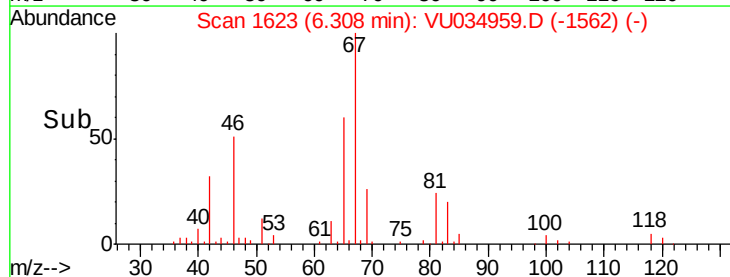
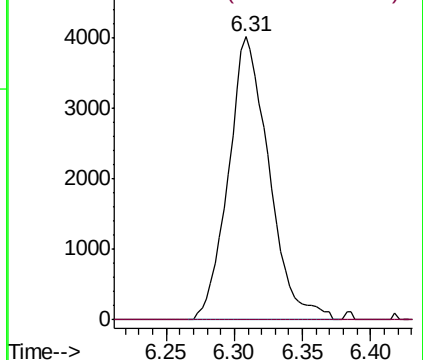
63 100

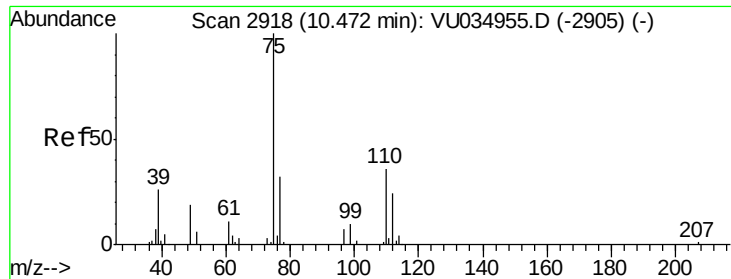
112 0.0 3.0 4.4#



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: 1.032 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034959.D

Acq: 07 Oct 2019 14:58

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 10369

Ion Ratio Lower Upper

75 100

77 35.3 25.8 38.6

