

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\
 Data File : VU026364.D
 Acq On : 25 Aug 2018 12:34
 Operator : MD/SY
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Quant Time: Aug 27 01:31:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 04:25:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	326390	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	325818	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	153480	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	102033	51.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.50%
7) Chloroethane-d5	1.68	69	82605	50.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.78%
11) 1,1-Dichloroethene-d2	2.27	63	148937	38.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.12%
21) 2-Butanone-d5	4.18	46	147061	92.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.56%
24) Chloroform-d	4.65	84	200105	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.31	65	137918	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
32) Benzene-d6	5.35	84	407607	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.52%
36) 1,2-Dichloropropane-d6	6.33	67	130524	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.28%
41) Toluene-d8	7.57	98	367812	44.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.30%
43) trans-1,3-Dichloropropene-	7.85	79	61811	42.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.50%
47) 2-Hexanone-d5	8.31	63	109511	91.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	180516	43.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	156435	48.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.06%

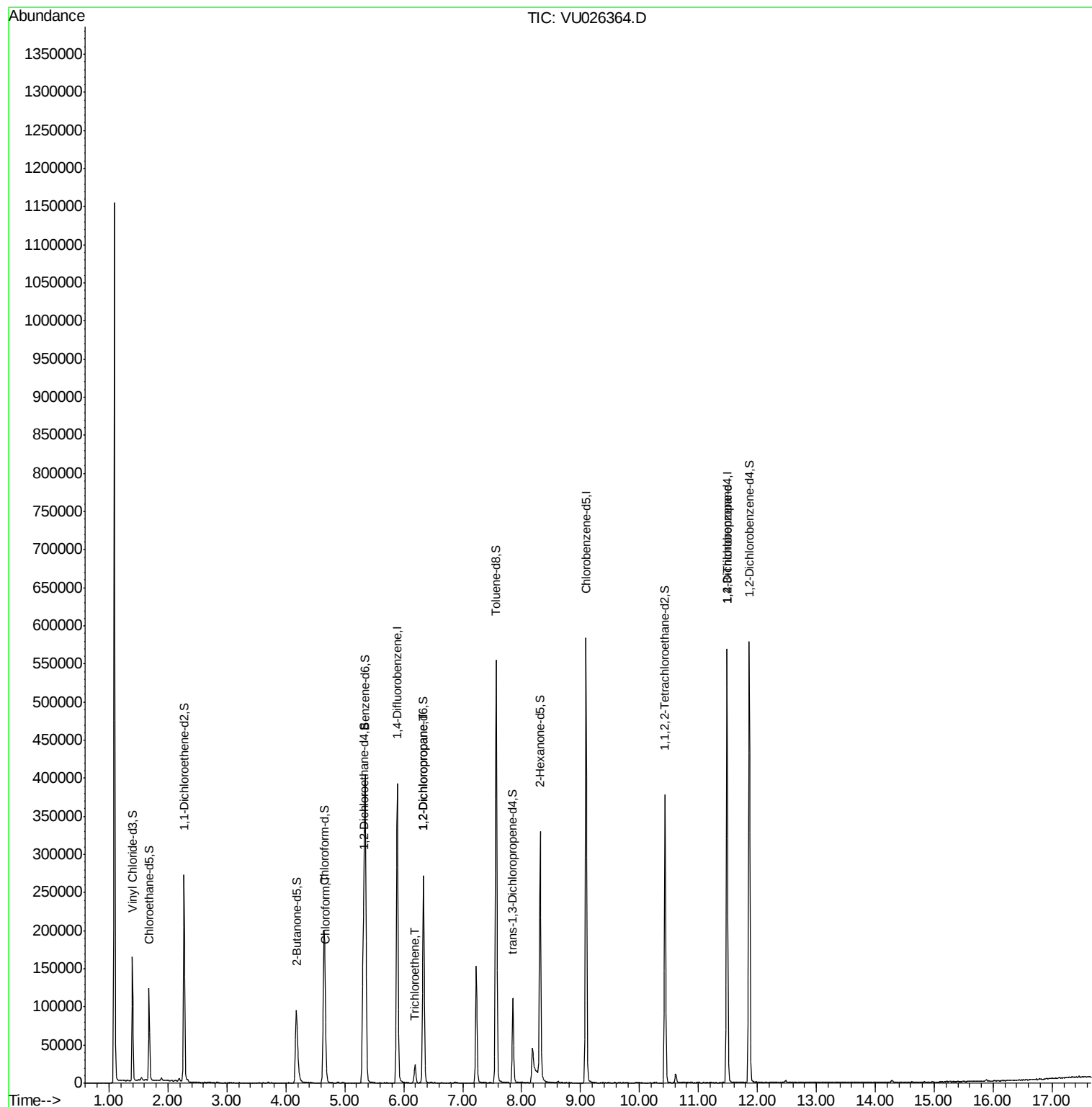
Target Compounds					Ovalue
25) Chloroform	4.68	83	11475	2.79 ug/L	95
34) Trichloroethene	6.19	95	8158	3.47 ug/L	94
37) 1,2-Dichloropropane	6.34	63	14300	5.89 ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	17389	5.75 ug/L	93

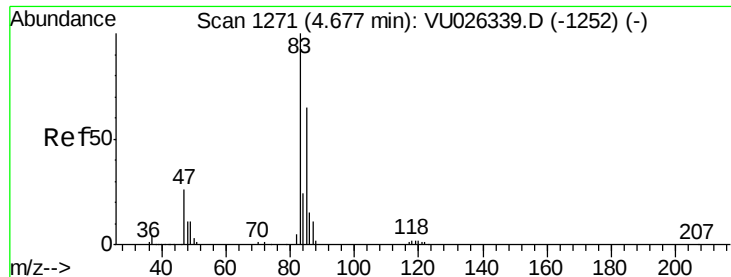
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 2.79 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

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Acq: 25 Aug 2018 12:34

Instrument :

MSVOA_U

ClientSampleId :

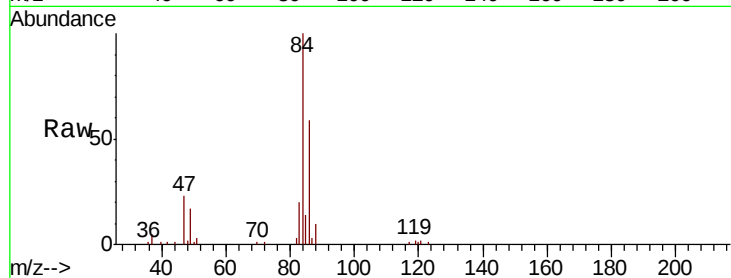
VIBLK40

Tot Ion: 83 Resp: 11475

Ion Ratio Lower Upper

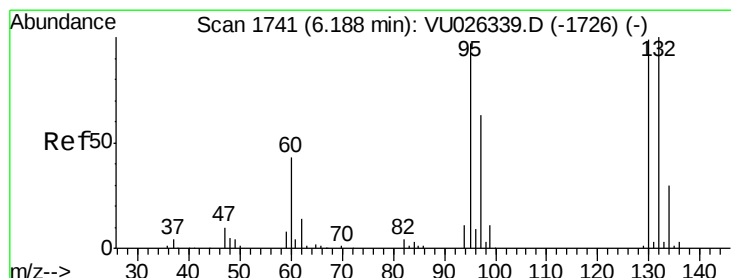
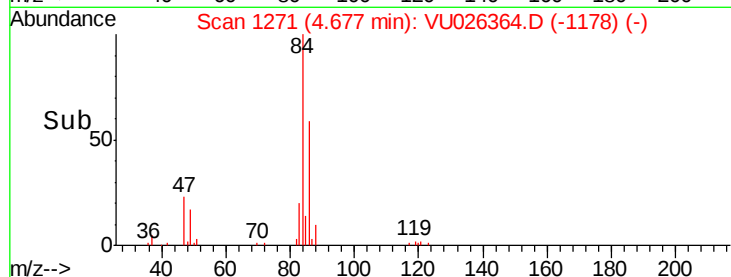
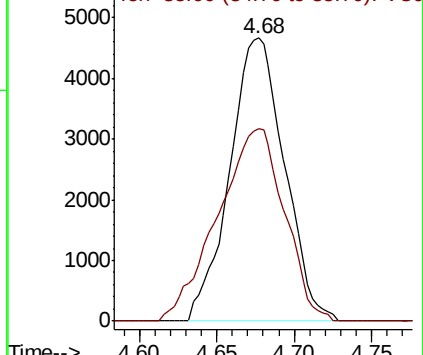
83 100

85 68.1 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#34

Trichloroethene

Concen: 3.47 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU026364.D

Acq: 25 Aug 2018 12:34

Tgt Ion: 95 Resp: 8158

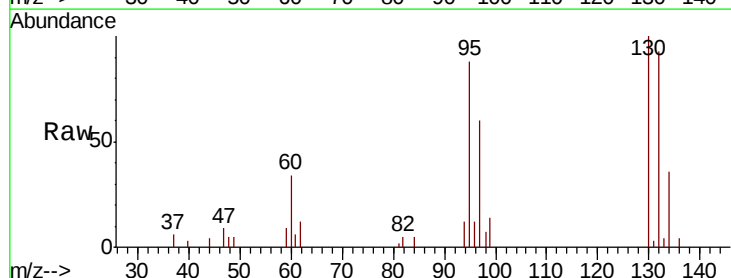
Ion Ratio Lower Upper

95 100

97 68.7 47.2 87.6

132 105.7 70.2 130.4

130 113.8 73.4 136.4

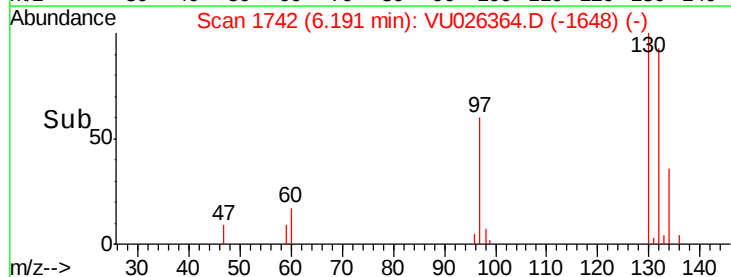
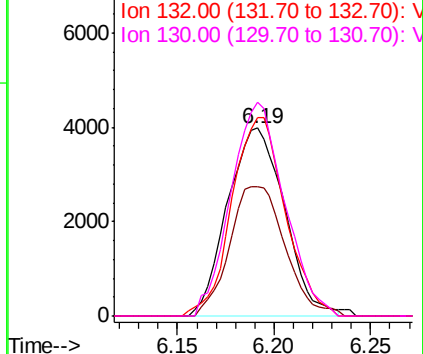


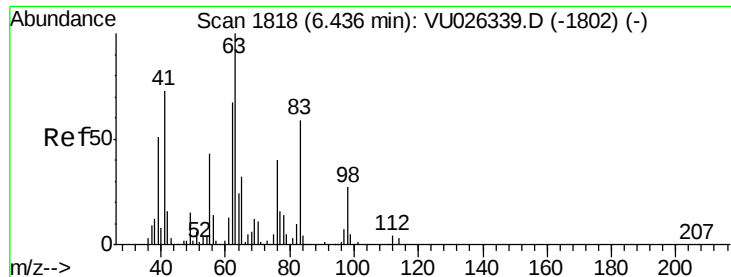
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

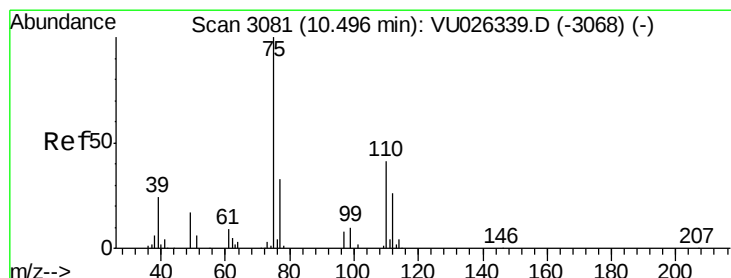
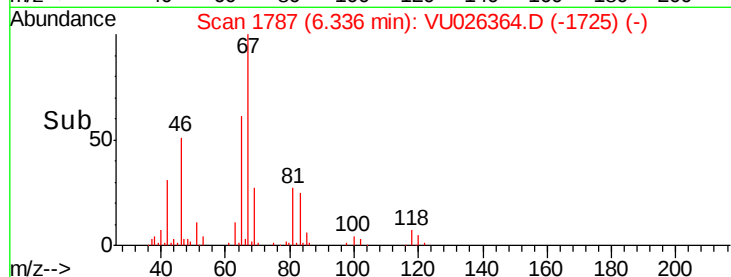
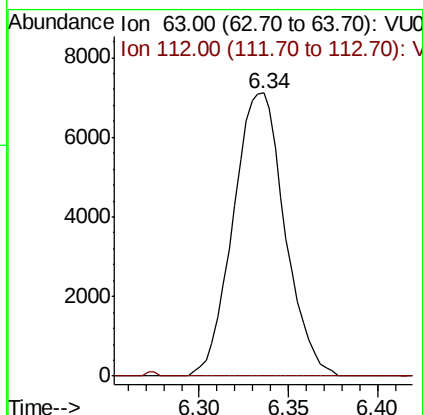
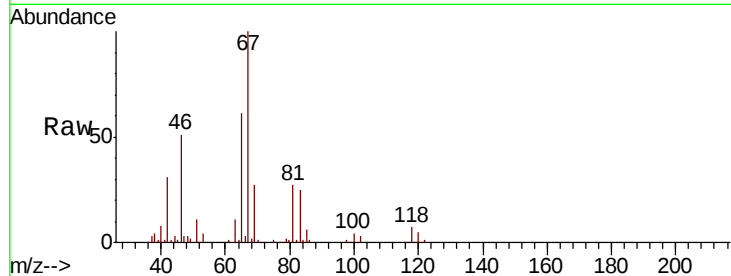




#37
 1,2-Dichloropropane
 Concen: 5.89 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU026364.D
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Tot Ion: 63 Resp: 14300
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.4 5.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.75 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU026364.D
 Acq: 25 Aug 2018 12:34

Tgt Ion: 75 Resp: 17389
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.5 38.3

