

Data File : VU034578.D
Acq On : 16 Sep 2019 20:29
Operator : JC/SP
Sample : K4868-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMM8

Quant Time: Sep 17 04:43:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 02:36:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	295167	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	272918	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	111095	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	69570	48.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.70%
7) Chloroethane-d5	1.67	69	57649	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.28%
11) 1,1-Dichloroethene-d2	2.26	63	110672	37.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.96%
21) 2-Butanone-d5	4.15	46	174718	108.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.81%
24) Chloroform-d	4.62	84	163167	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
26) 1,2-Dichloroethane-d4	5.29	65	104384	52.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.82%
32) Benzene-d6	5.32	84	311727	51.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.90%
36) 1,2-Dichloropropane-d6	6.31	67	118788	53.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.36%
41) Toluene-d8	7.54	98	294803	50.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.83	79	54101	50.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.54%
47) 2-Hexanone-d5	8.29	63	128495	106.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.04%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	176169	50.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.94%
64) 1,2-Dichlorobenzene-d4	11.84	152	106812	53.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.80%

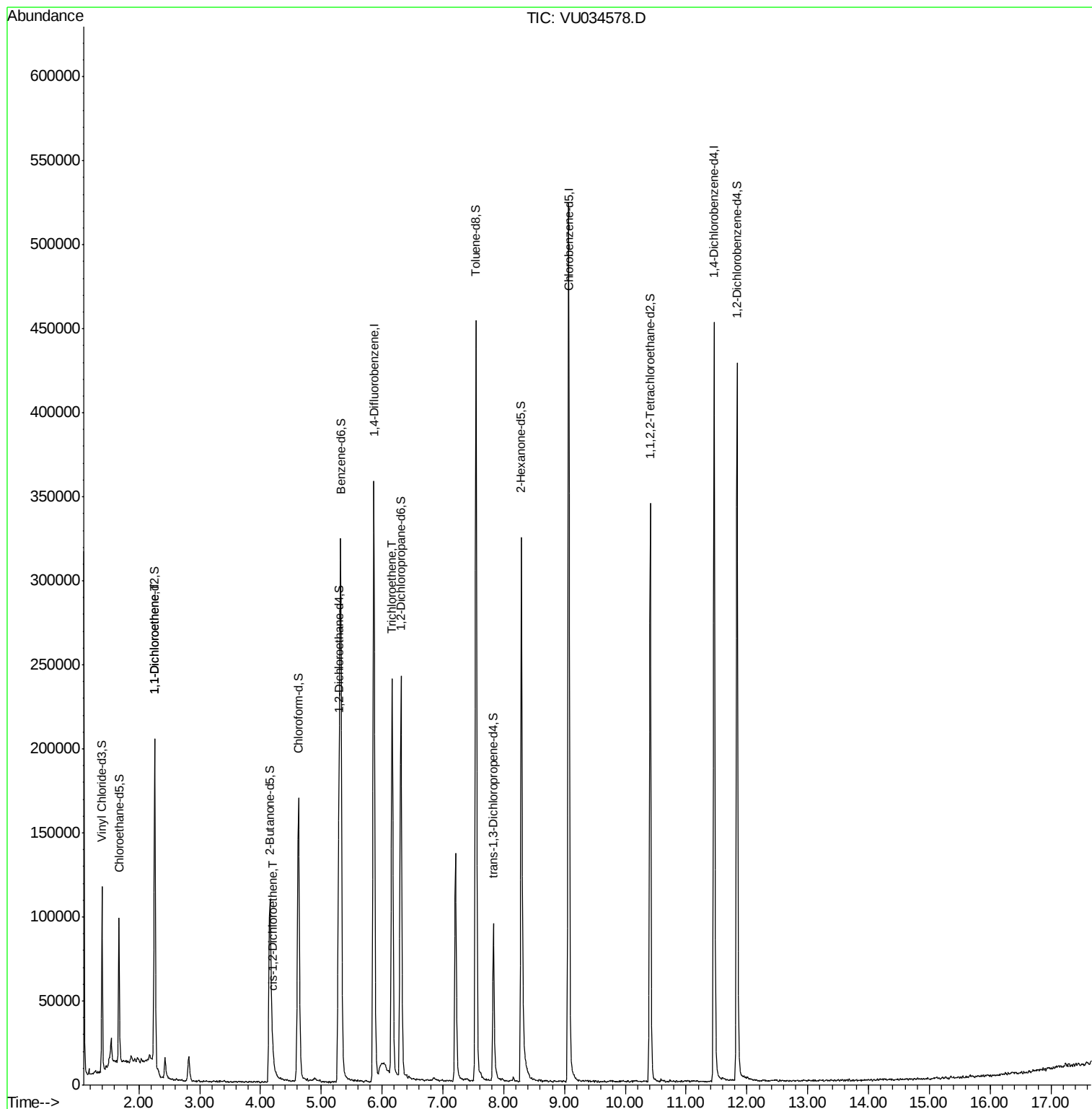
Target Compounds					Qvalue
12) 1,1-Dichloroethene	2.27	96	6479	4.618 ug/L #	1
20) cis-1,2-Dichloroethene	4.21	96	4054	2.085 ug/L	89
34) Trichloroethene	6.16	95	84293	48.880 ug/L	95

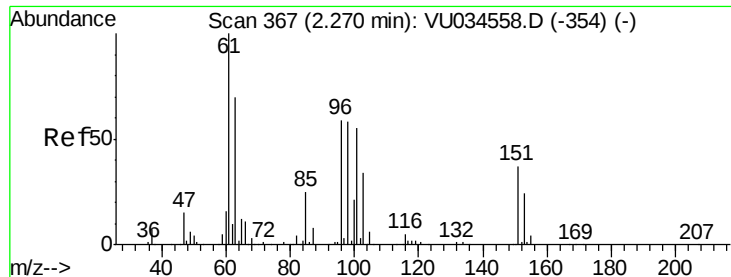
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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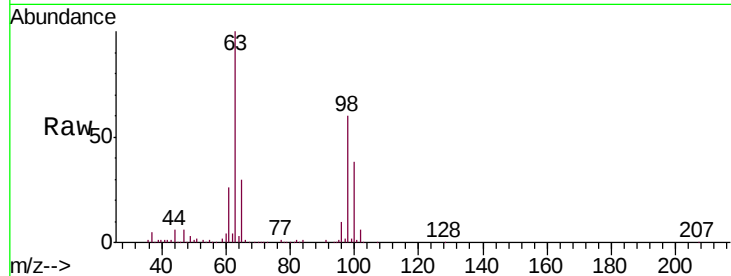




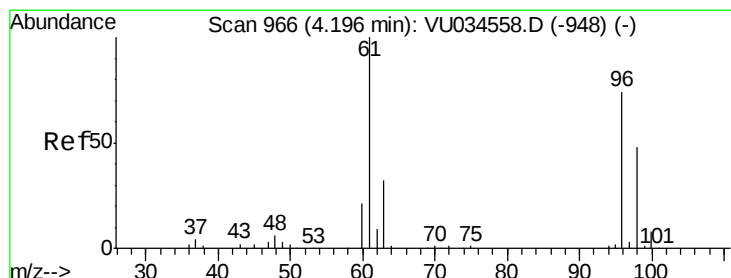
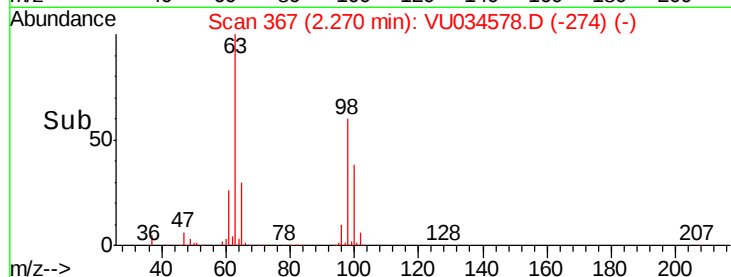
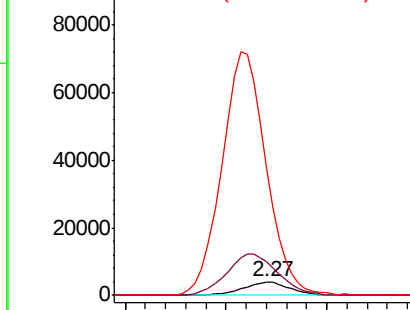
#12
 1,1-Dichloroethene
 Concen: 4.618 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. 0.00 min
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Tgt Ion: 96 Resp: 6479
 Ion Ratio Lower Upper
 96 100
 61 251.3 117.8 218.8#
 63 965.1 83.8 155.6#

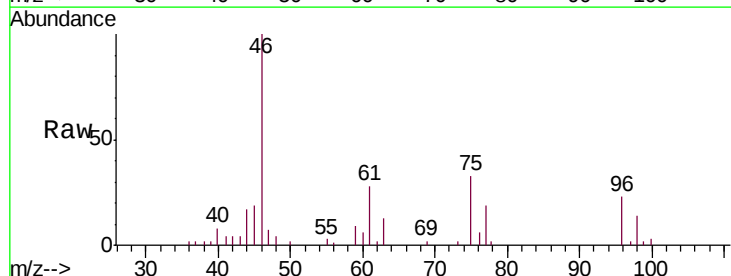


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

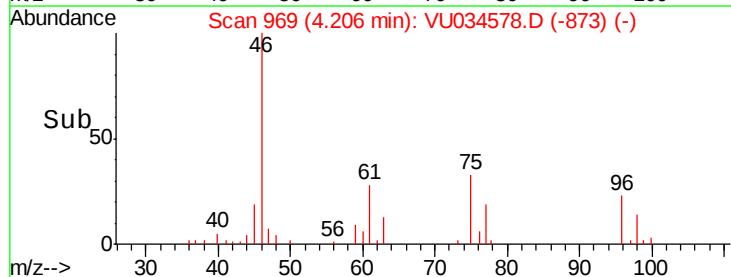
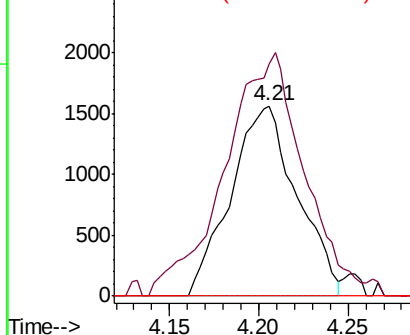


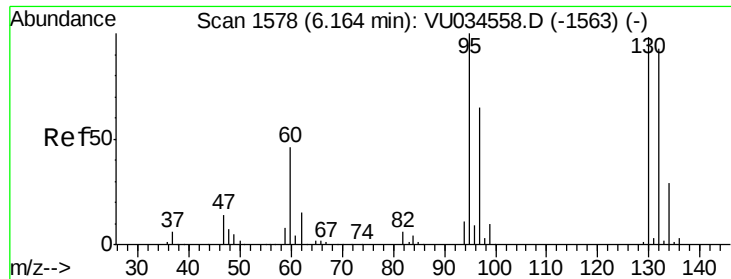
#20
 cis-1,2-Dichloroethene
 Concen: 2.085 ug/L
 RT: 4.21 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: VU034578.D
 Acq: 16 Sep 2019 20:29

Tgt Ion: 96 Resp: 4054
 Ion Ratio Lower Upper
 96 100
 61 122.4 94.7 175.9
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

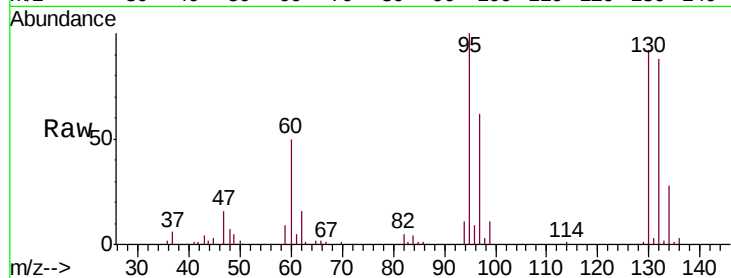




#34
 Trichloroethene
 Concen: 48.880 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. 0.00 min
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Tgt Ion:	95	Resp:	84293
Ion	Ratio	Lower	Upper
95	100		
97	62.3	45.4	84.4
132	88.3	65.2	121.0
130	92.2	68.5	127.3



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

