

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031188.D
 Acq On : 14 Apr 2019 03:58
 Operator : JC/SP
 Sample : K2339-12DL 400X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC35DL

Quant Time: Apr 15 02:38:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 15 01:39:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	415459	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	401124	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	153208	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	164062	44.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.48%
7) Chloroethane-d5	1.67	69	184585	65.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	131.16%#
11) 1,1-Dichloroethene-d2	2.27	63	343375	51.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.38%
21) 2-Butanone-d5	4.17	46	294818	100.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.30%
24) Chloroform-d	4.64	84	290218	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.46%
26) 1,2-Dichloroethane-d4	5.30	65	203265	52.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.16%
32) Benzene-d6	5.33	84	563703	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.28%
36) 1,2-Dichloropropane-d6	6.32	67	198687	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.02%
41) Toluene-d8	7.56	98	484847	46.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.42%
43) trans-1,3-Dichloropropene-	7.85	79	80323	43.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.78%
47) 2-Hexanone-d5	8.31	63	174586	95.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	271596	50.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	166956	55.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.82%

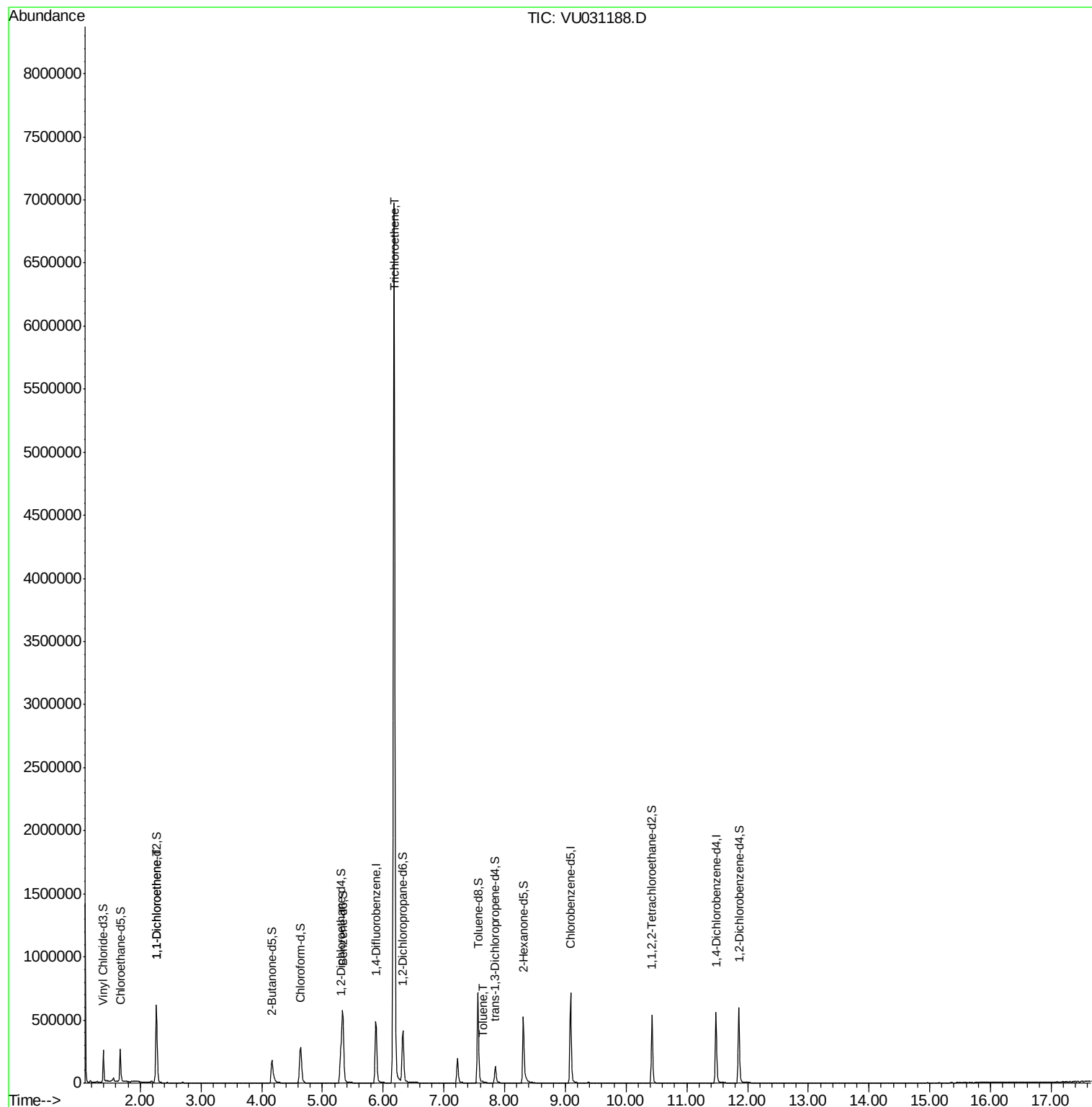
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.28	96	51405	17.899 ug/L #	1
34) Trichloroethene	6.18	95	2459989	764.089 ug/L	96
42) Toluene	7.64	91	5630	0.420 ug/L	98

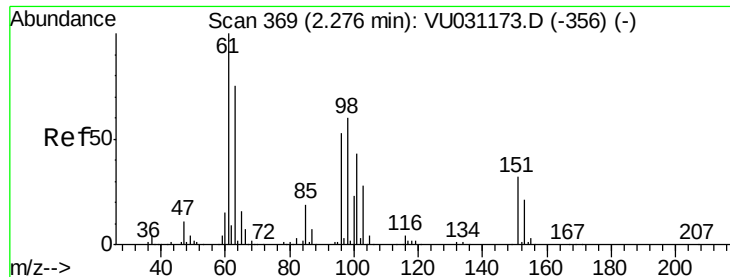
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 17.899 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

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Acq: 14 Apr 2019 03:58

Instrument :

MSVOA_U

ClientSampleId :

BFC35DL

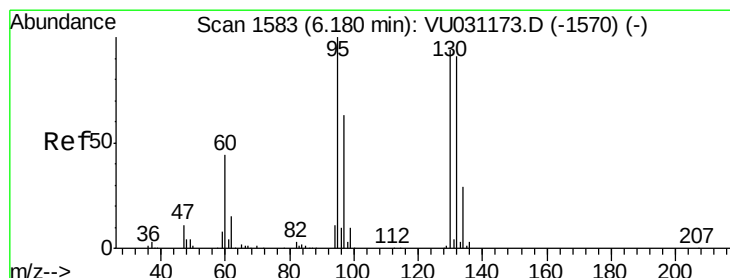
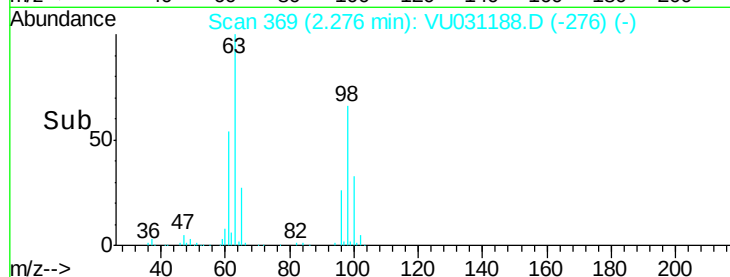
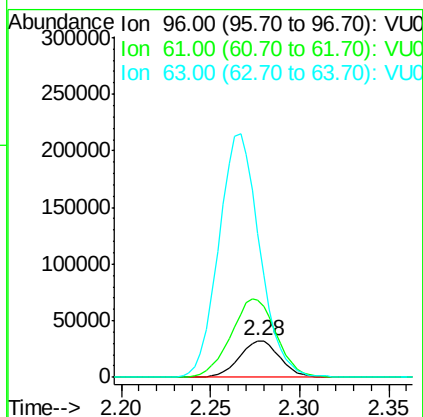
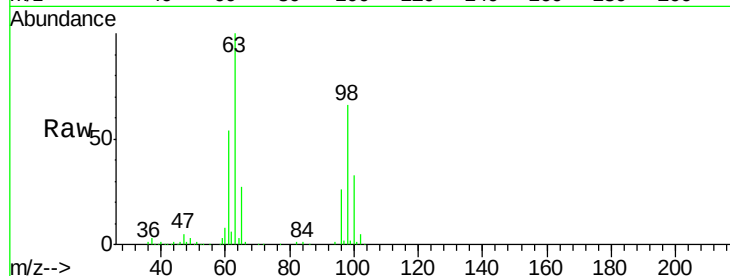
Tot Ion: 96 Resp: 51405

Ion Ratio Lower Upper

96 100

61 211.5 132.0 245.2

63 390.0 90.9 168.9#



#34

Trichloroethene

Concen: 764.089 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

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Acq: 14 Apr 2019 03:58

Tgt Ion: 95 Resp: 2459989

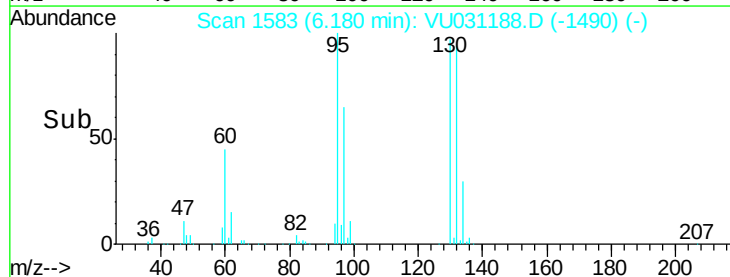
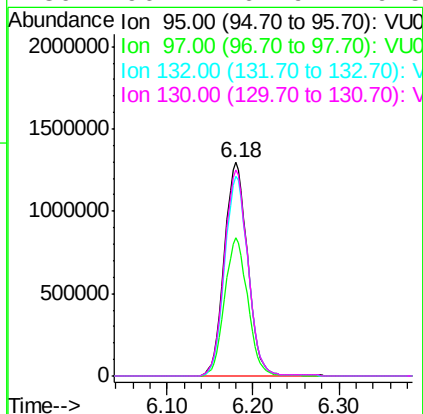
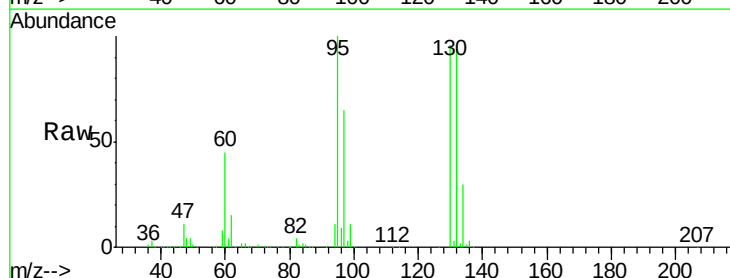
Ion Ratio Lower Upper

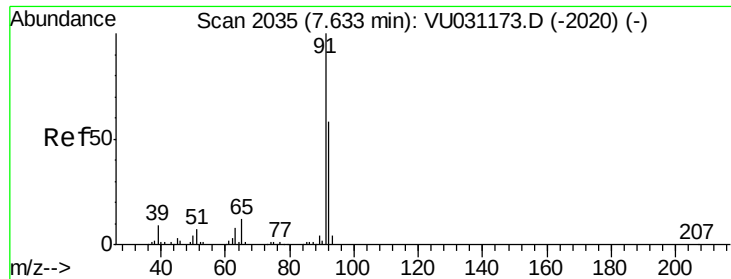
95 100

97 64.6 44.5 82.7

132 93.7 61.5 114.1

130 96.4 64.9 120.5





#42

Toluene

Concen: 0.420 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031188.D

Acq: 14 Apr 2019 03:58

Instrument :

MSVOA_U

ClientSampleId :

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Tot Ion: 91 Resp: 5630

Ion Ratio Lower Upper

91 100

92 55.8 40.0 74.4

