

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080518\
 Data File : VU025871.D
 Acq On : 04 Aug 2018 14:14
 Operator : MD/SY
 Sample : J4340-06DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F71DL

Quant Time: Aug 06 01:45:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 06 01:30:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	303857	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	294166	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	138052	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68794	39.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.32%
7) Chloroethane-d5	1.68	69	60836	42.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.04%
11) 1,1-Dichloroethene-d2	2.27	63	117723	32.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.20%
21) 2-Butanone-d5	4.18	46	136615	102.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.01%
24) Chloroform-d	4.65	84	171958	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.31	65	120503	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
32) Benzene-d6	5.35	84	331790	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.96%
36) 1,2-Dichloropropane-d6	6.34	67	109133	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.78%
41) Toluene-d8	7.57	98	308314	42.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.22%
43) trans-1,3-Dichloropropene-	7.85	79	53452	43.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.10%
47) 2-Hexanone-d5	8.31	63	97351	95.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.64%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	150878	44.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	130462	46.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.26%

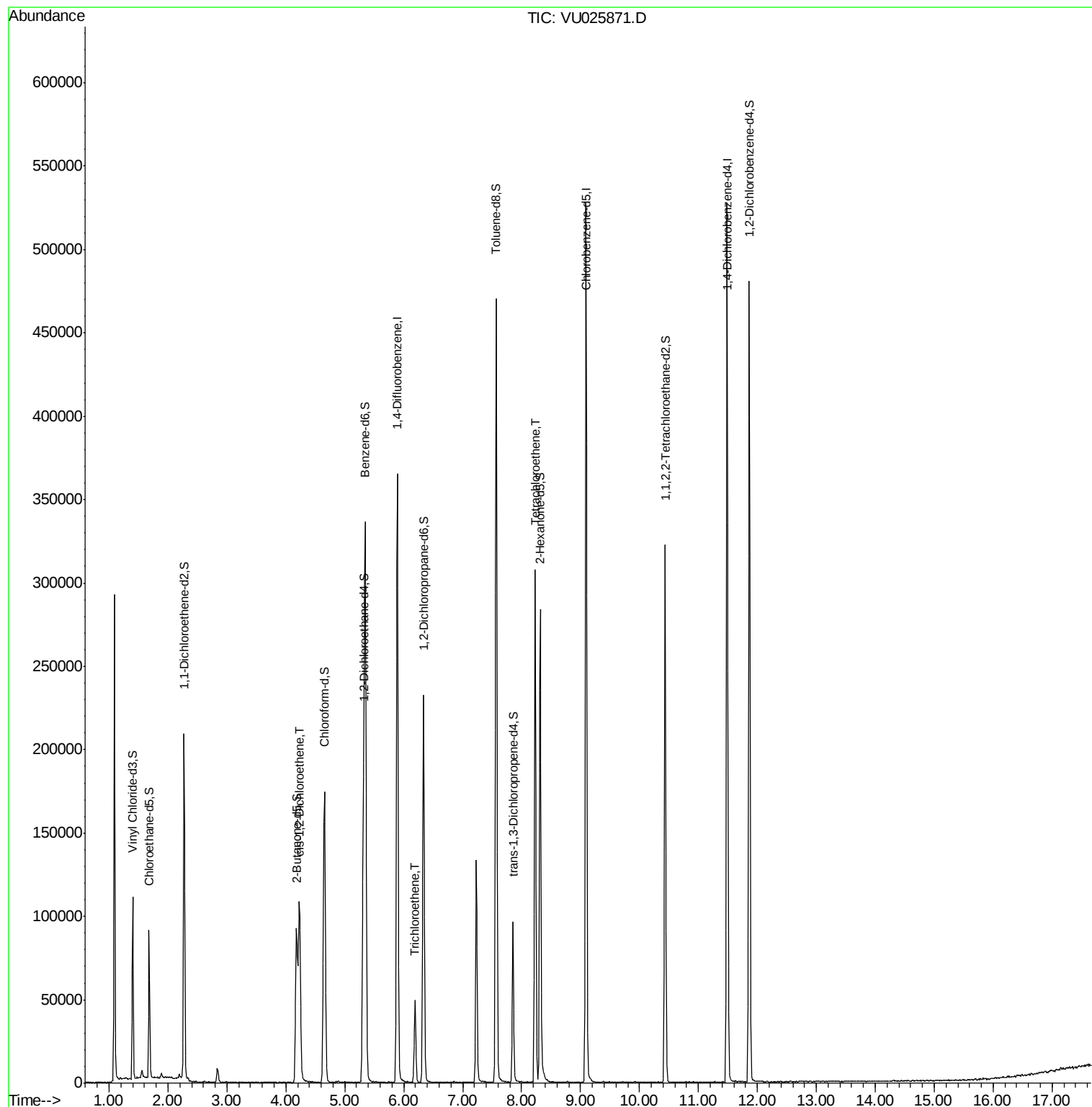
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	57758	25.92	ug/L	99
34) Trichloroethene	6.19	95	16828	7.50	ug/L	96
46) Tetrachloroethene	8.23	164	68773	35.37	ug/L	98

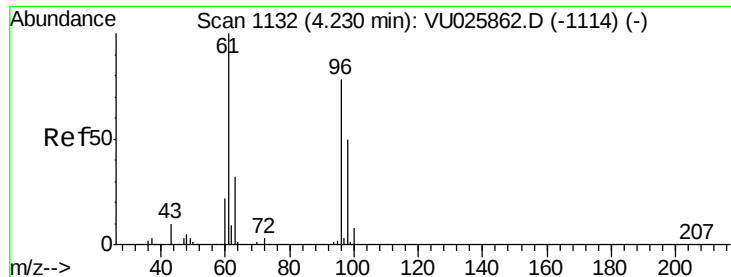
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 25.92 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025871.D

Acq: 04 Aug 2018 14:14

Instrument :

MSVOA_U

ClientSampleId :

E5F71DL

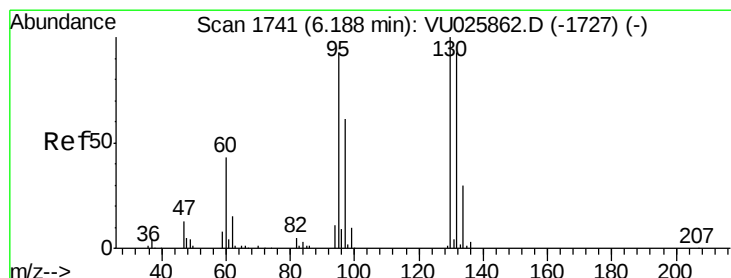
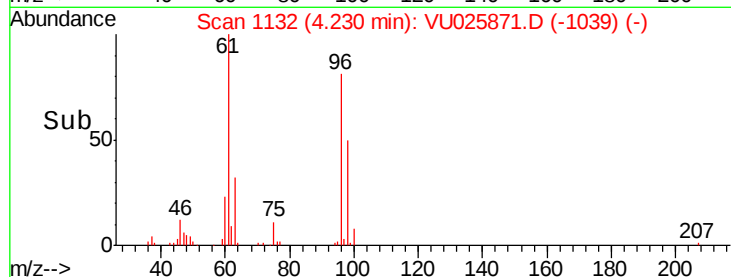
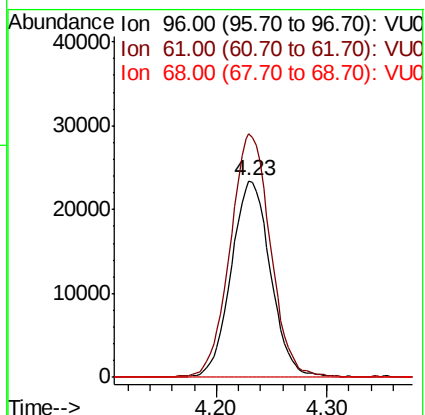
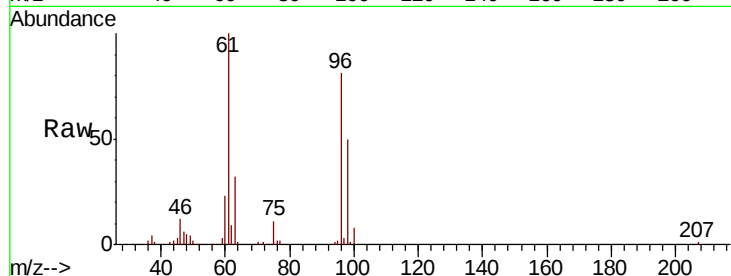
Tot Ion: 96 Resp: 57758

Ion Ratio Lower Upper

96 100

61 123.8 87.4 162.2

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 7.50 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025871.D

Acq: 04 Aug 2018 14:14

Tgt Ion: 95 Resp: 16828

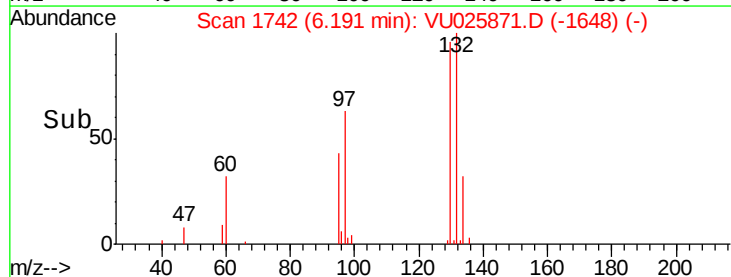
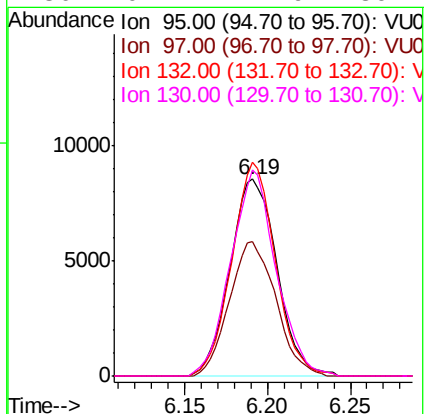
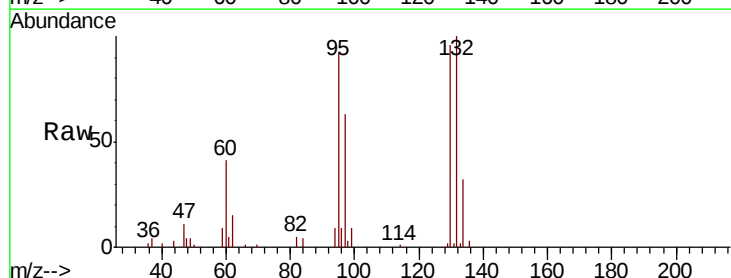
Ion Ratio Lower Upper

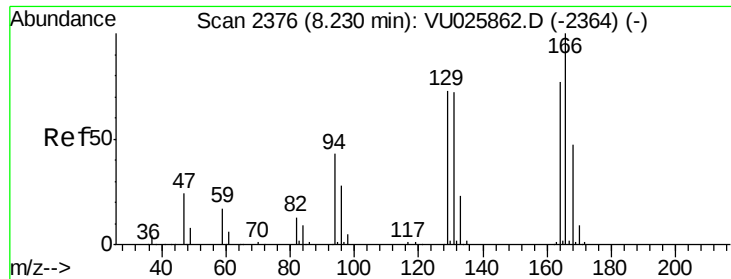
95 100

97 68.2 45.9 85.3

132 108.5 72.2 134.2

130 104.4 74.9 139.1





#46

Tetrachloroethene

Concen: 35.37 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025871.D

Acq: 04 Aug 2018 14:14

Instrument :

MSVOA_U

ClientSampleId :

E5F71DL

Tot Ion:164 Resp: 68773

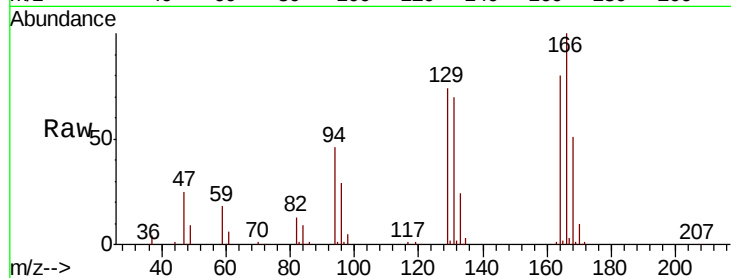
Ion Ratio Lower Upper

164 100

129 92.0 65.1 120.9

131 87.7 62.8 116.6

166 124.4 89.7 166.7



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

