

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073118\
 Data File : VU025733.D
 Acq On : 31 Jul 2018 09:38
 Operator : MD/SY
 Sample : J4148-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SX4

Quant Time: Jul 31 12:01:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 31 11:57:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	323555	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	304795	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	162076	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75270	40.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.50%
7) Chloroethane-d5	1.68	69	66018	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.66%
11) 1,1-Dichloroethene-d2	2.27	63	118054	30.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.40%
21) 2-Butanone-d5	4.18	46	132851	93.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.16%
24) Chloroform-d	4.65	84	183387	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.14%
26) 1,2-Dichloroethane-d4	5.31	65	126716	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
32) Benzene-d6	5.35	84	347807	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.98%
36) 1,2-Dichloropropane-d6	6.33	67	113701	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.28%
41) Toluene-d8	7.57	98	324147	43.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.48%
43) trans-1,3-Dichloropropene-	7.85	79	56261	43.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.46%
47) 2-Hexanone-d5	8.31	63	95457	90.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.51%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	155211	44.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	144686	44.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.10%

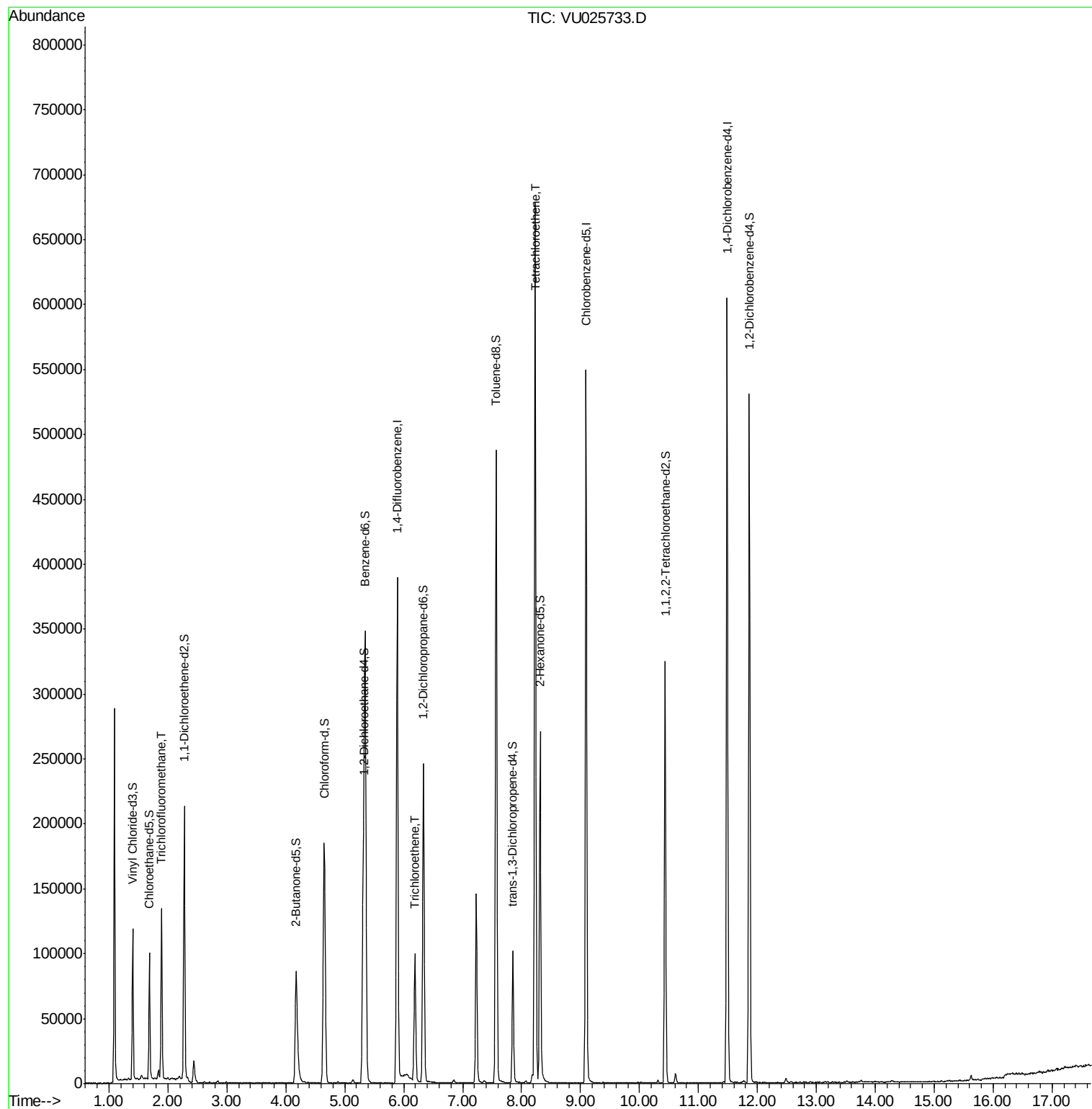
Target Compounds						Ovalue
9) Trichlorofluoromethane	1.89	101	80047	22.26	ug/L	97
34) Trichloroethene	6.19	95	32885	14.15	ug/L	98
46) Tetrachloroethene	8.23	164	152955	75.93	ug/L	98

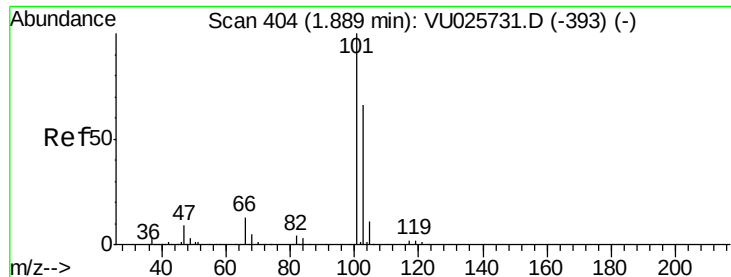
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 22.26 ug/L

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

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ClientSampleId :

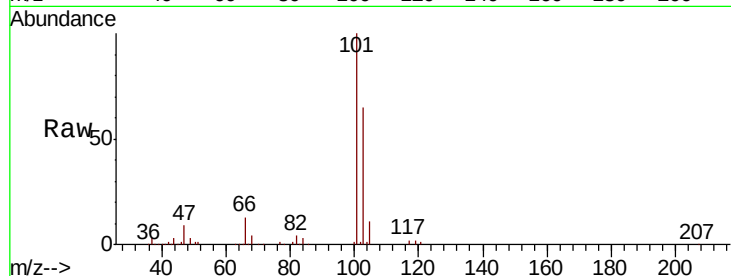
C0SX4

Tot Ion:101 Resp: 80047

Ion Ratio Lower Upper

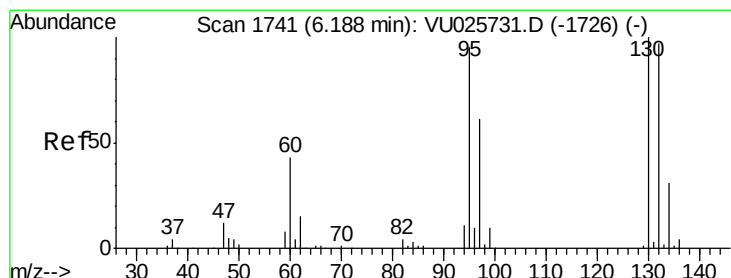
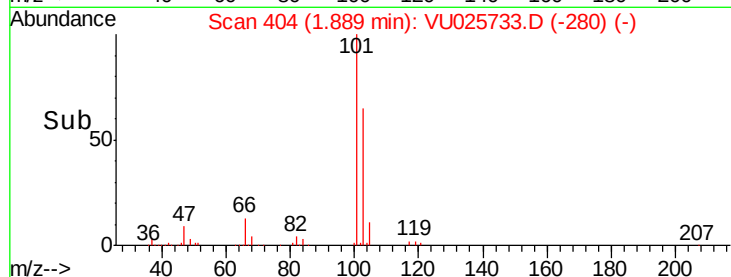
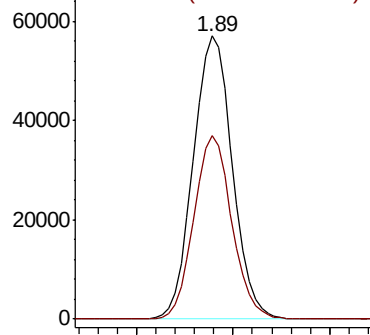
101 100

103 62.9 52.0 78.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 14.15 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 32885

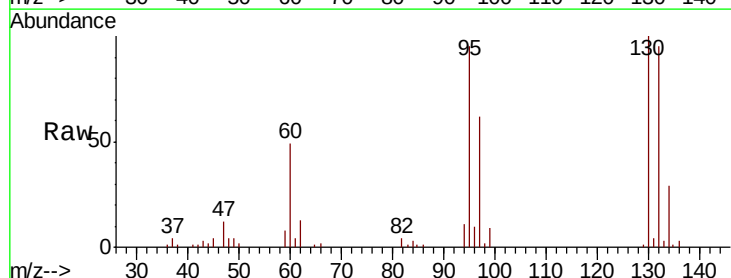
Ion Ratio Lower Upper

95 100

97 65.2 45.9 85.3

132 99.7 72.2 134.2

130 104.8 74.9 139.1

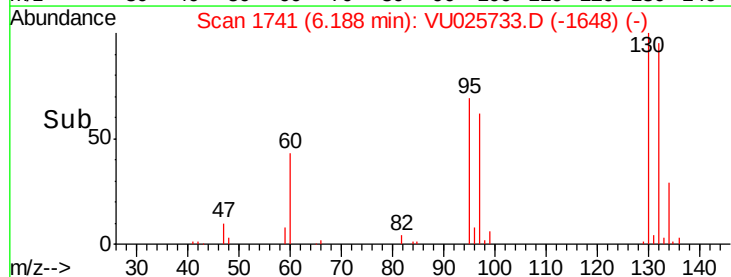
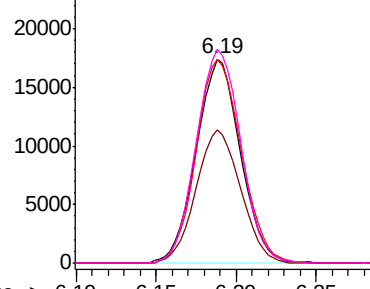


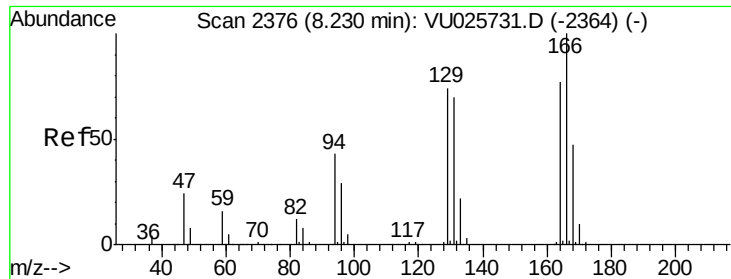
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): VU0

Ion 130.00 (129.70 to 130.70): VU0





#46

Tetrachloroethene

Concen: 75.93 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

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Tot Ion:164 Resp: 152955

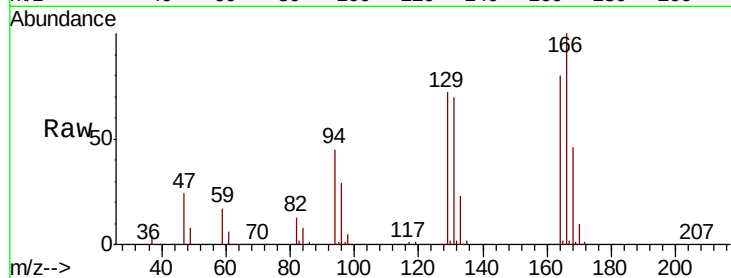
Ion Ratio Lower Upper

164 100

129 90.5 65.1 120.9

131 87.8 62.8 116.6

166 125.2 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

