

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102218\
 Data File : VU027741.D
 Acq On : 22 Oct 2018 14:31
 Operator : MD/SY
 Sample : J5589-08DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0T29DL

Quant Time: Oct 23 08:56:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 23 08:01:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	111381	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	105189	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46584	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41096	47.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.84%
7) Chloroethane-d5	1.68	69	31559	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.27	63	58193	37.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.56%
21) 2-Butanone-d5	4.18	46	75891	102.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.76%
24) Chloroform-d	4.65	84	74432	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	5.31	65	53507	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
32) Benzene-d6	5.34	84	147058	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
36) 1,2-Dichloropropane-d6	6.33	67	52596	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.36%
41) Toluene-d8	7.57	98	132436	47.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.86%
43) trans-1,3-Dichloropropene-	7.85	79	25655	49.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.80%
47) 2-Hexanone-d5	8.31	63	55822	101.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.99%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	67178	48.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	48080	50.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.78%

Target Compounds

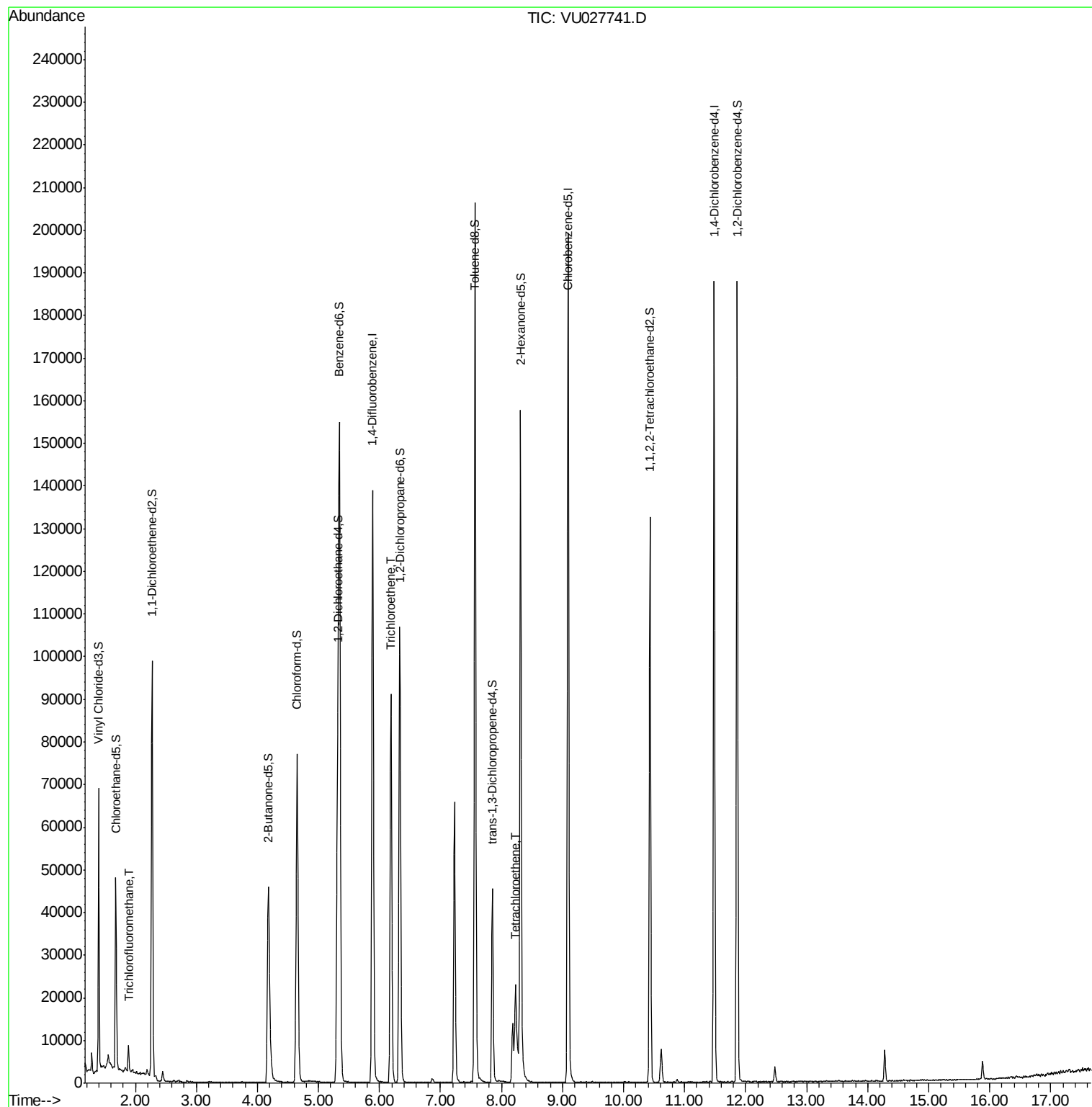
					Ovalue
9) Trichlorofluoromethane	1.89	101	2950	2.434 ug/L	97
34) Trichloroethene	6.19	95	32710	41.754 ug/L	98
46) Tetrachloroethene	8.23	164	3577	5.912 ug/L	93

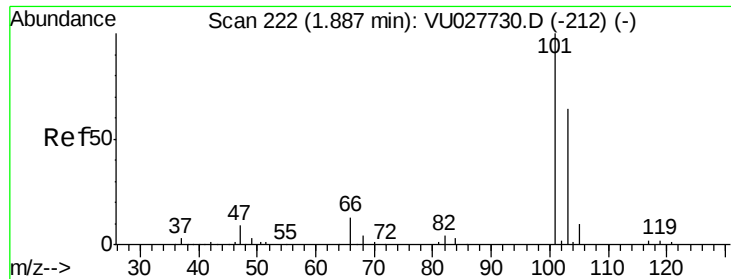
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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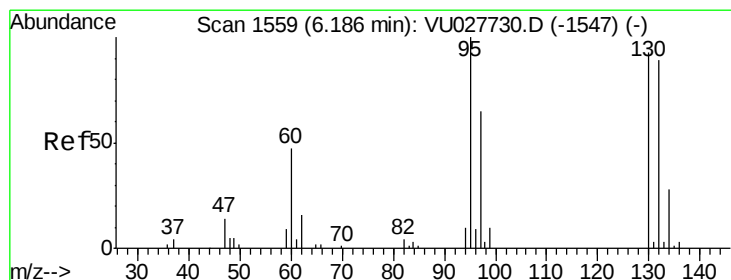
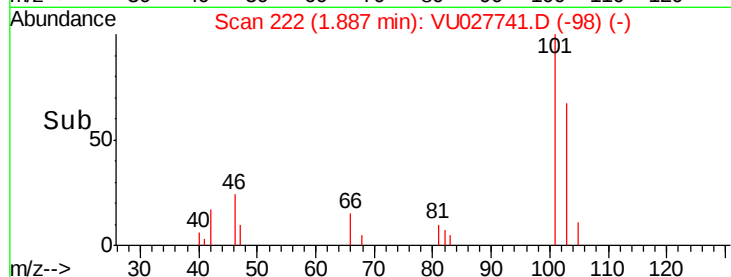
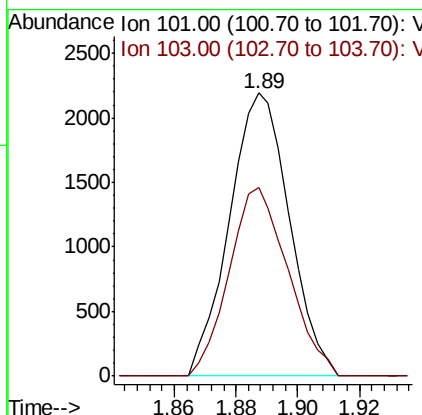
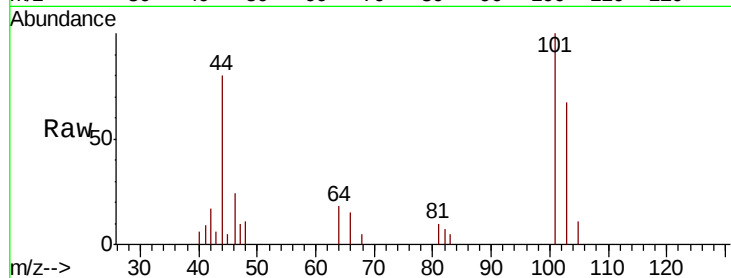




#9
 Trichlorofluoromethane
 Concen: 2.434 ug/L
 RT: 1.89 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VU027741.D
 Acq: 22 Oct 2018 14:31

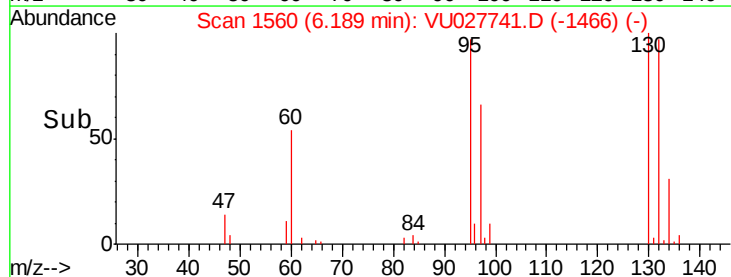
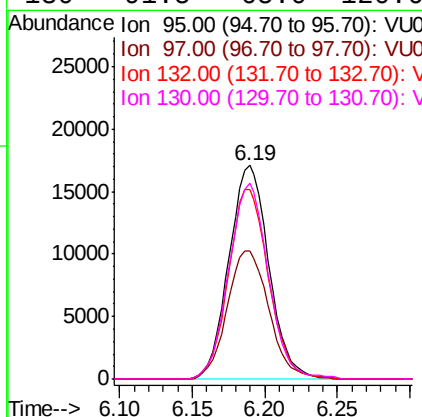
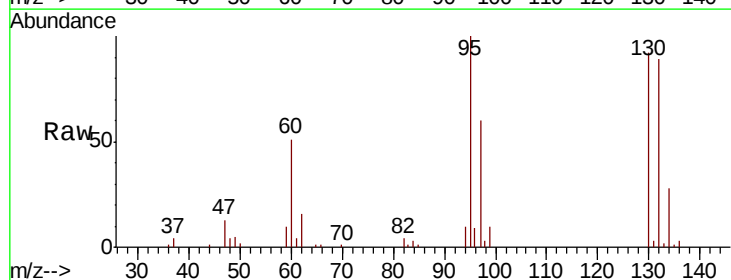
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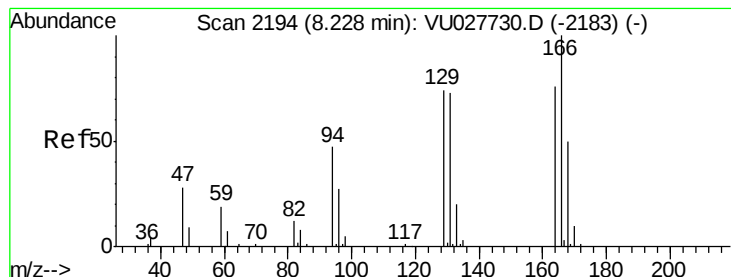
Tot Ion:101 Resp: 2950
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.0 76.4



#34
 Trichloroethene
 Concen: 41.754 ug/L
 RT: 6.19 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VU027741.D
 Acq: 22 Oct 2018 14:31

Tgt Ion: 95 Resp: 32710
 Ion Ratio Lower Upper
 95 100
 97 60.1 45.8 85.2
 132 89.0 62.1 115.3
 130 91.5 65.0 120.6





#46

Tetrachloroethene

Concen: 5.912 ug/L

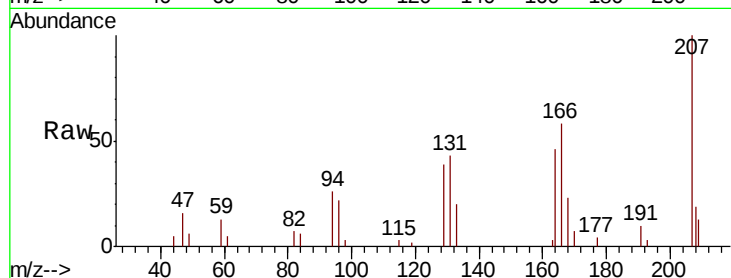
RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU027741.D

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Tot Ion:164 Resp: 3577

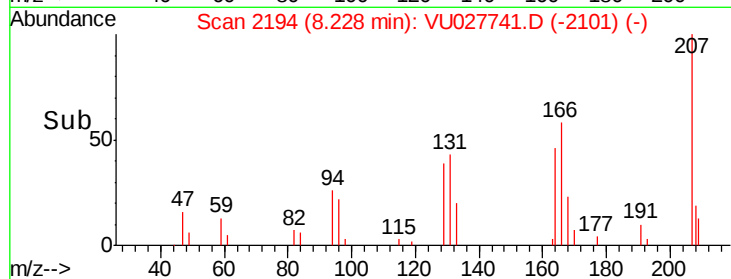
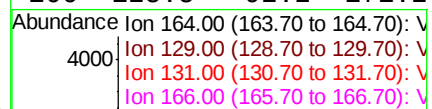
Ion Ratio Lower Upper

164 100

129 85.5 68.5 127.3

131 93.5 67.1 124.5

166 125.5 92.2 171.2



Time-->