

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\
 Data File : VU032780.D
 Acq On : 17 Jun 2019 14:24
 Operator : JC/SP
 Sample : K3383-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XK5

Quant Time: Jun 18 03:04:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	216642	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	205587	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103585	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	67116	45.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.66%
7) Chloroethane-d5	1.68	69	53993	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.46%
11) 1,1-Dichloroethene-d2	2.27	63	102044	34.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.42%
21) 2-Butanone-d5	4.17	46	116701	94.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.70%
24) Chloroform-d	4.64	84	128174	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.06%
26) 1,2-Dichloroethane-d4	5.30	65	90229	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.12%
32) Benzene-d6	5.33	84	259663	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
36) 1,2-Dichloropropane-d6	6.32	67	83063	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.30%
41) Toluene-d8	7.56	98	237008	47.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.44%
43) trans-1,3-Dichloropropene-	7.85	79	40810	45.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.90%
47) 2-Hexanone-d5	8.31	63	74051	92.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.89%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	117959	44.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.38%
64) 1,2-Dichlorobenzene-d4	11.85	152	94344	47.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.14%

Target Compounds

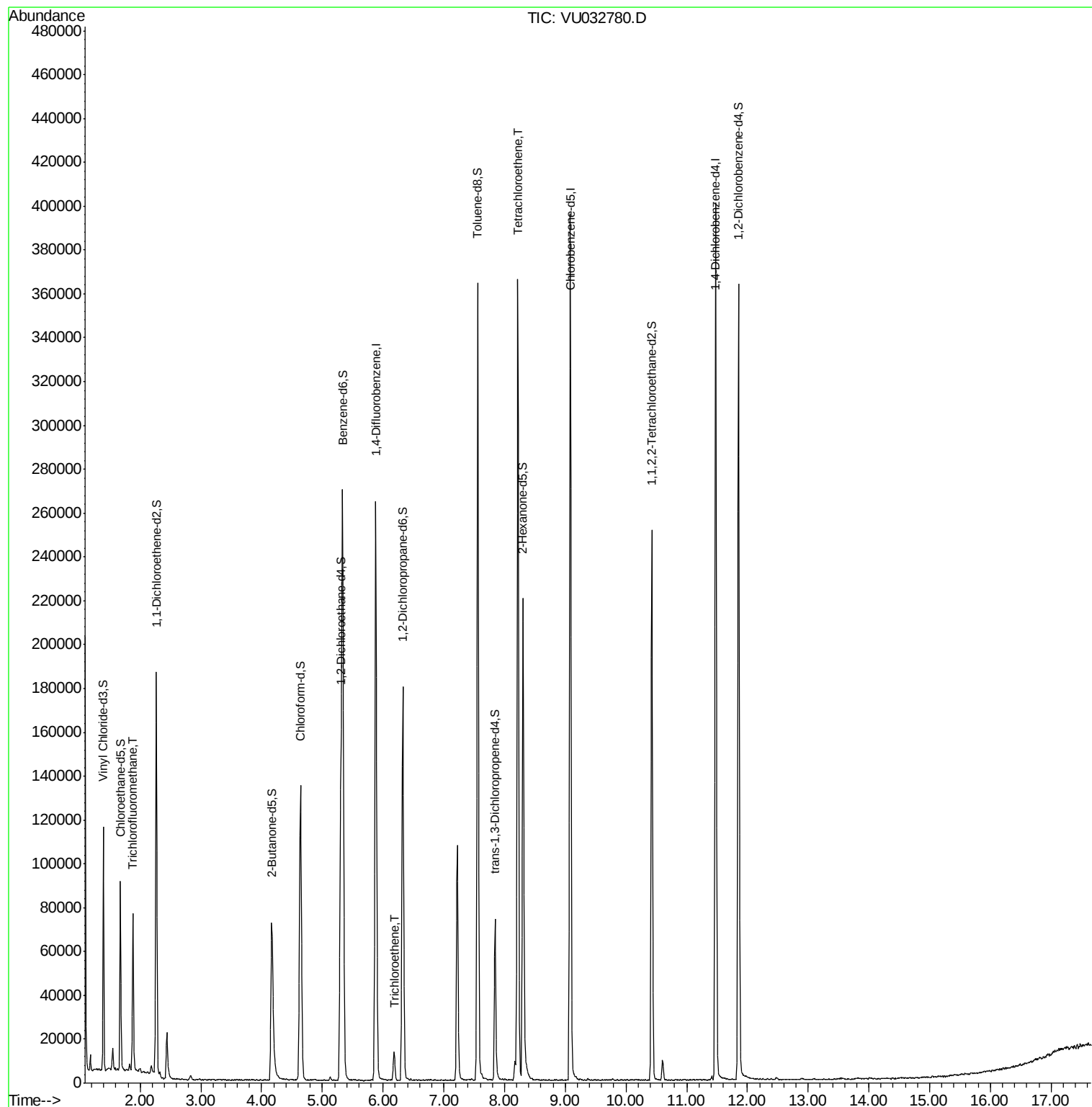
					Ovalue
9) Trichlorofluoromethane	1.88	101	40210	14.569 ug/L	98
34) Trichloroethene	6.18	95	4342	2.744 ug/L	95
46) Tetrachloroethene	8.22	164	77251	59.578 ug/L	99

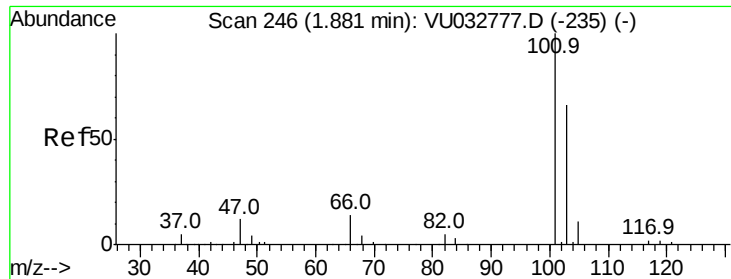
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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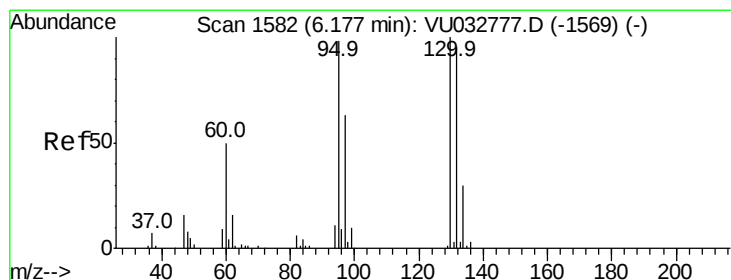
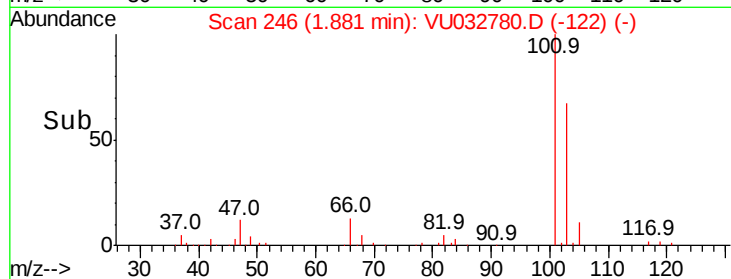
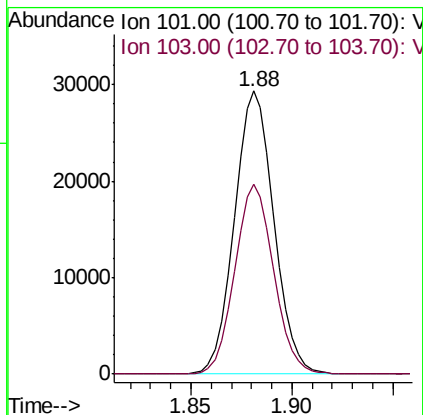
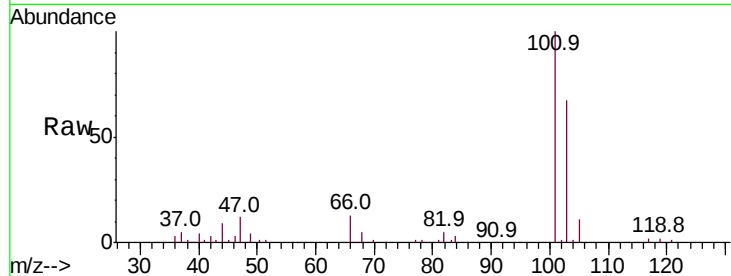


#9

Trichlorofluoromethane
Concen: 14.569 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU032780.D
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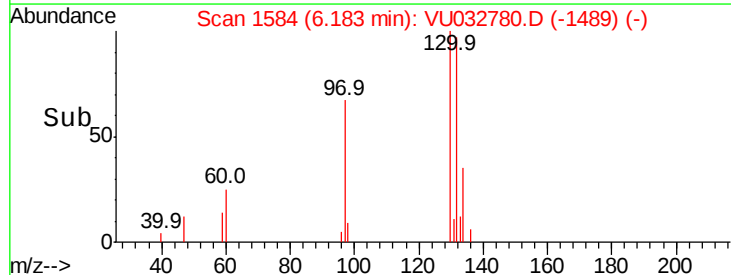
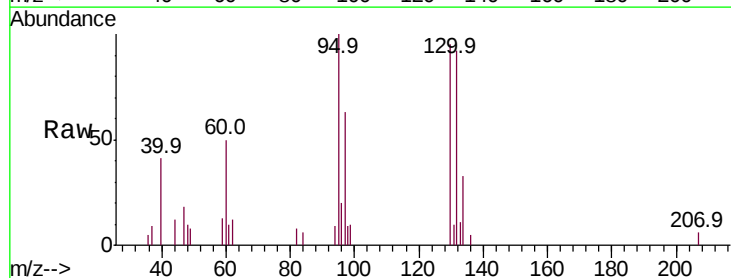
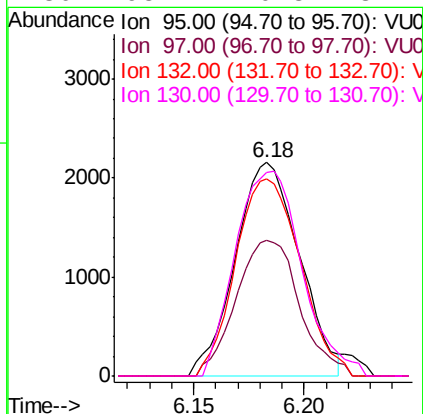
Tot Ion:101 Resp: 40210
Ion Ratio Lower Upper
101 100
103 66.0 51.3 76.9

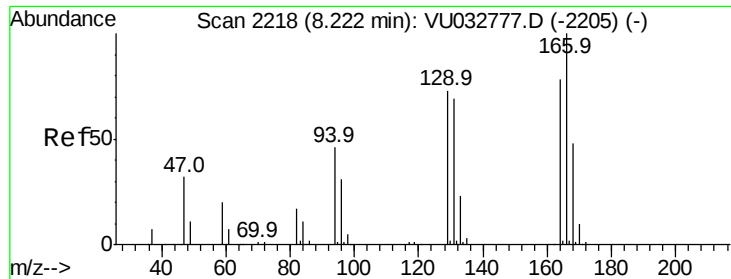


#34

Trichloroethene
Concen: 2.744 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.01 min
Lab File: VU032780.D
Acq: 17 Jun 2019 14:24

Tgt Ion: 95 Resp: 4342
Ion Ratio Lower Upper
95 100
97 63.3 45.9 85.3
132 92.5 68.5 127.3
130 95.1 70.8 131.4





#46

Tetrachloroethene

Concen: 59.578 ug/L

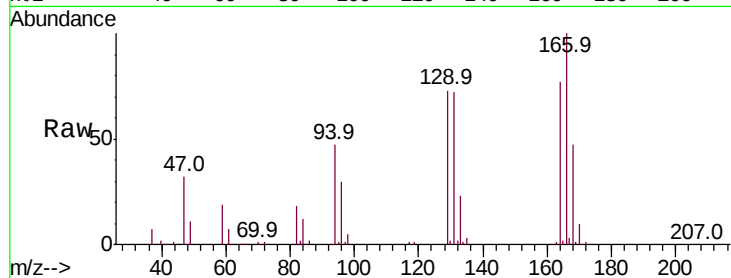
RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032780.D

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Tot Ion:164 Resp: 77251

Ion Ratio Lower Upper

164 100

129 94.5 64.8 120.3

131 92.5 64.5 119.7

166 129.0 91.3 169.6

