

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111418\
 Data File : VU028123.D
 Acq On : 14 Nov 2018 16:13
 Operator : MD/SY
 Sample : J5948-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9C12

Quant Time: Nov 15 05:02:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 04:25:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	169688	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	160378	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	73456	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	57893	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.68	69	46900	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.28	63	81119	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.19	46	187664	45.95	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.90%
24) Chloroform-d	4.65	84	94841	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.31	65	54842	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.34	84	200166	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.33	67	73177	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.57	98	179349	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.85	79	24129	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.31	63	147536	43.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	50353	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	60639	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

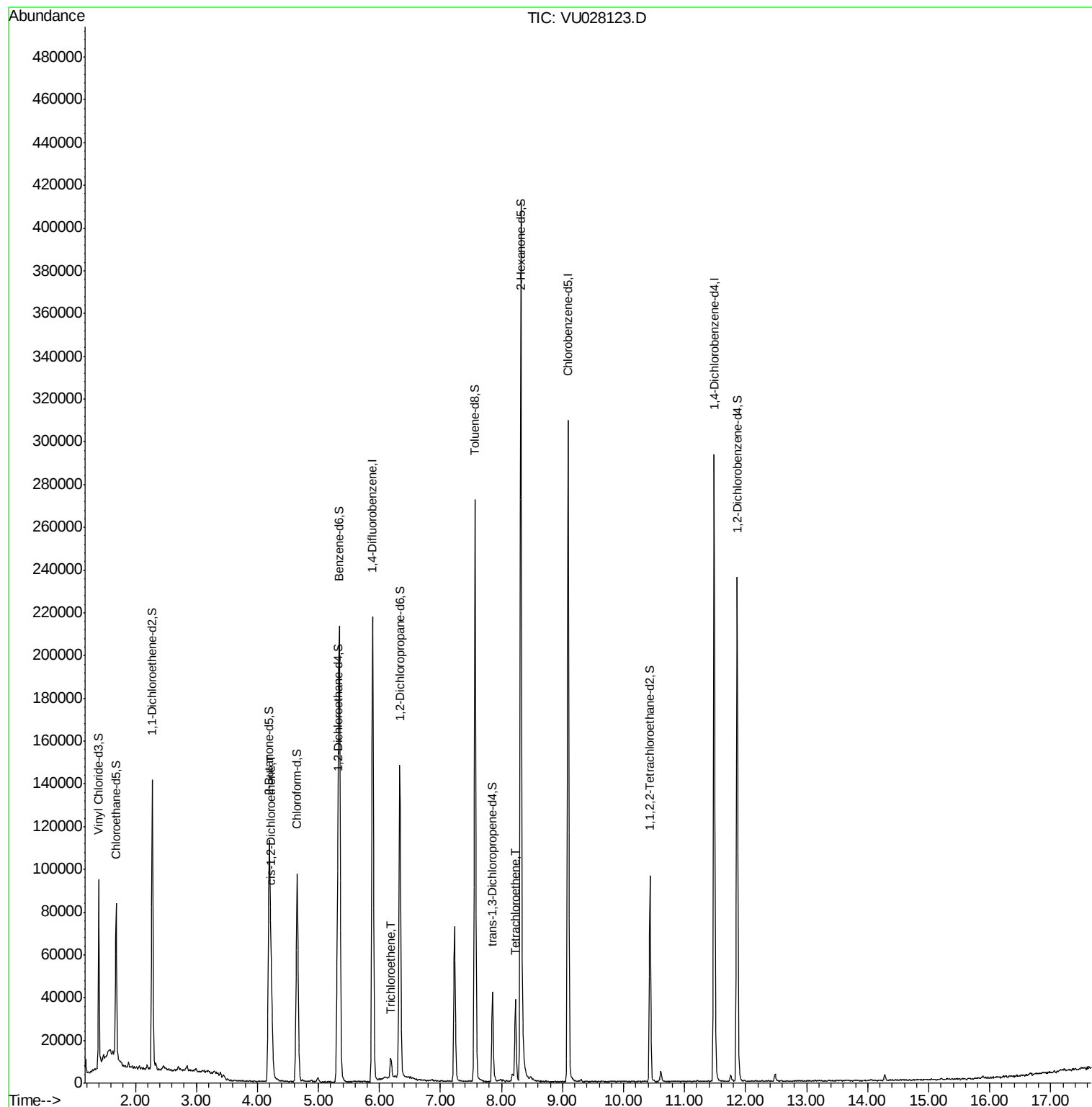
					Ovalue
22) cis-1,2-Dichloroethene	4.23	96	16694	1.262 ug/L	98
34) Trichloroethene	6.19	95	3554	0.266 ug/L	85
47) Tetrachloroethene	8.23	164	8602	0.792 ug/L	89

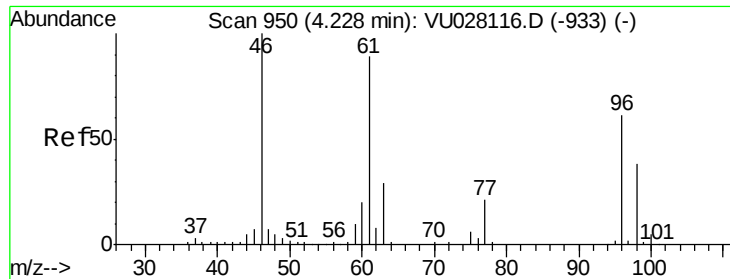
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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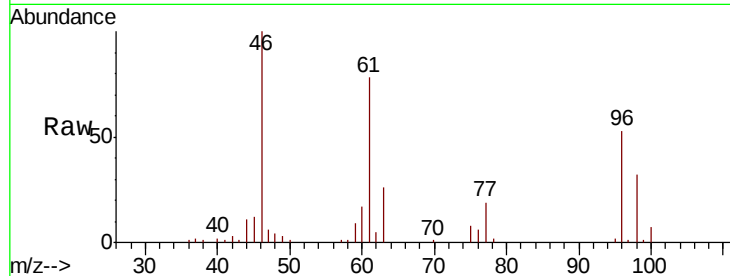




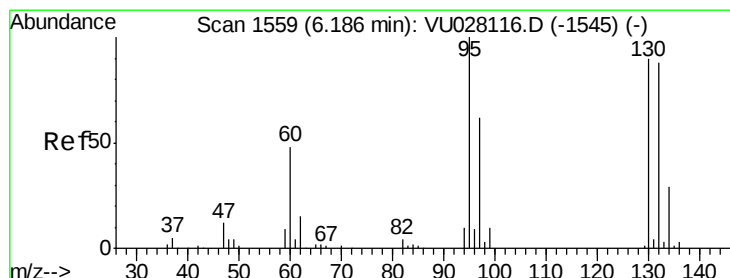
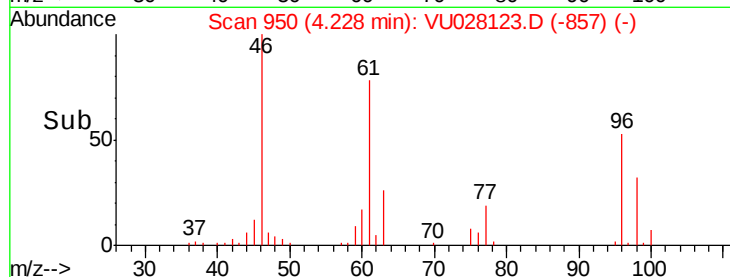
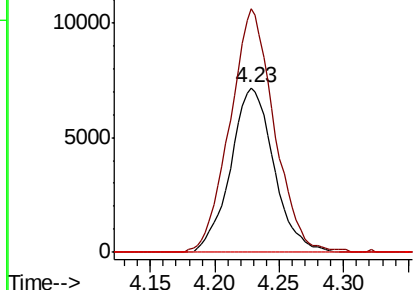
#22
 cis-1,2-Dichloroethene
 Concen: 1.262 ug/L
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU028123.D
 Acq: 14 Nov 2018 16:13

Instrument :
 MSVOA_U
 ClientSampleId :
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Tot Ion: 96 Resp: 16694
 Ion Ratio Lower Upper
 96 100
 61 148.0 101.8 189.0
 68 0.0 0.0 0.0

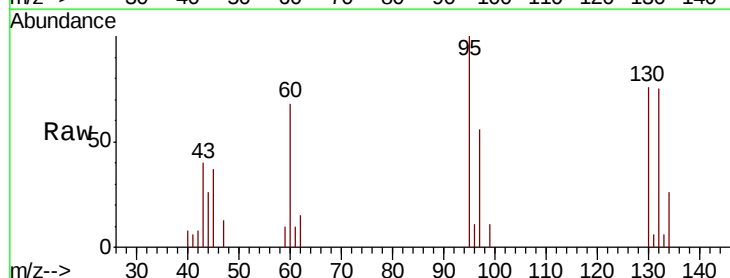


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

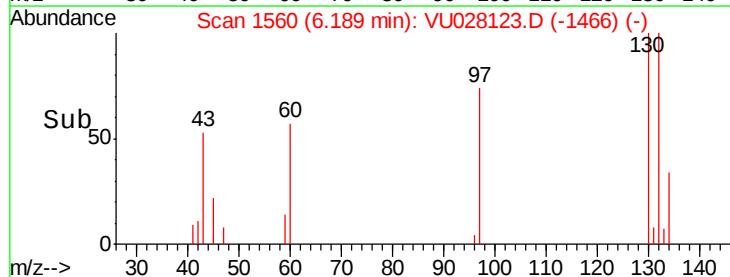
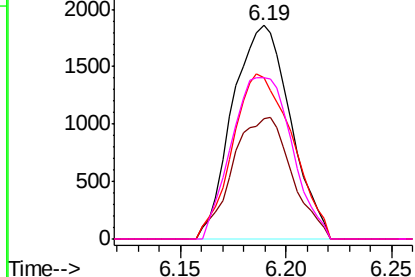


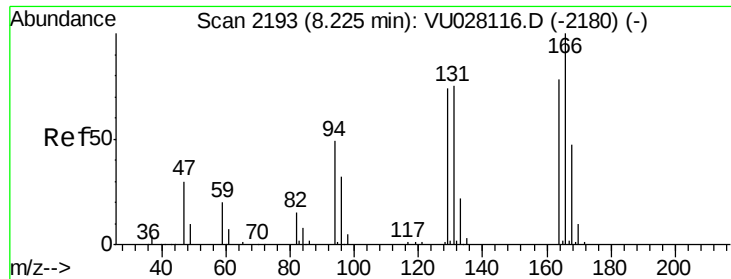
#34
 Trichloroethene
 Concen: 0.266 ug/L
 RT: 6.19 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VU028123.D
 Acq: 14 Nov 2018 16:13

Tgt Ion: 95 Resp: 3554
 Ion Ratio Lower Upper
 95 100
 97 56.2 45.3 84.1
 132 75.3 63.0 117.0
 130 75.6 63.6 118.2



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 0.792 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

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Tot Ion:164 Resp: 8602

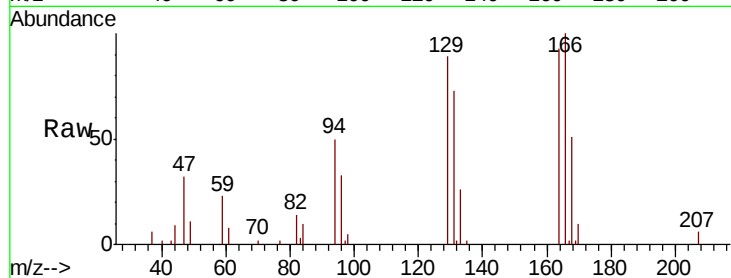
Ion Ratio Lower Upper

164 100

129 95.6 69.7 129.4

131 78.4 64.0 118.8

166 108.0 86.4 160.4



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

