

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
 Data File : VU028191.D
 Acq On : 16 Nov 2018 18:12
 Operator : MD/SY
 Sample : J5946-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9C20

Quant Time: Nov 17 02:38:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 16 23:59:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	151158	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	145938	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	62225	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50855	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.68	69	44204	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.28	63	75768	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.21	46	204202	56.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.26%
24) Chloroform-d	4.65	84	95470	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.31	65	59433	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.34	84	190711	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.33	67	71200	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.57	98	162250	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.85	79	19959	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.31	63	146770	48.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53224	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	58002	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

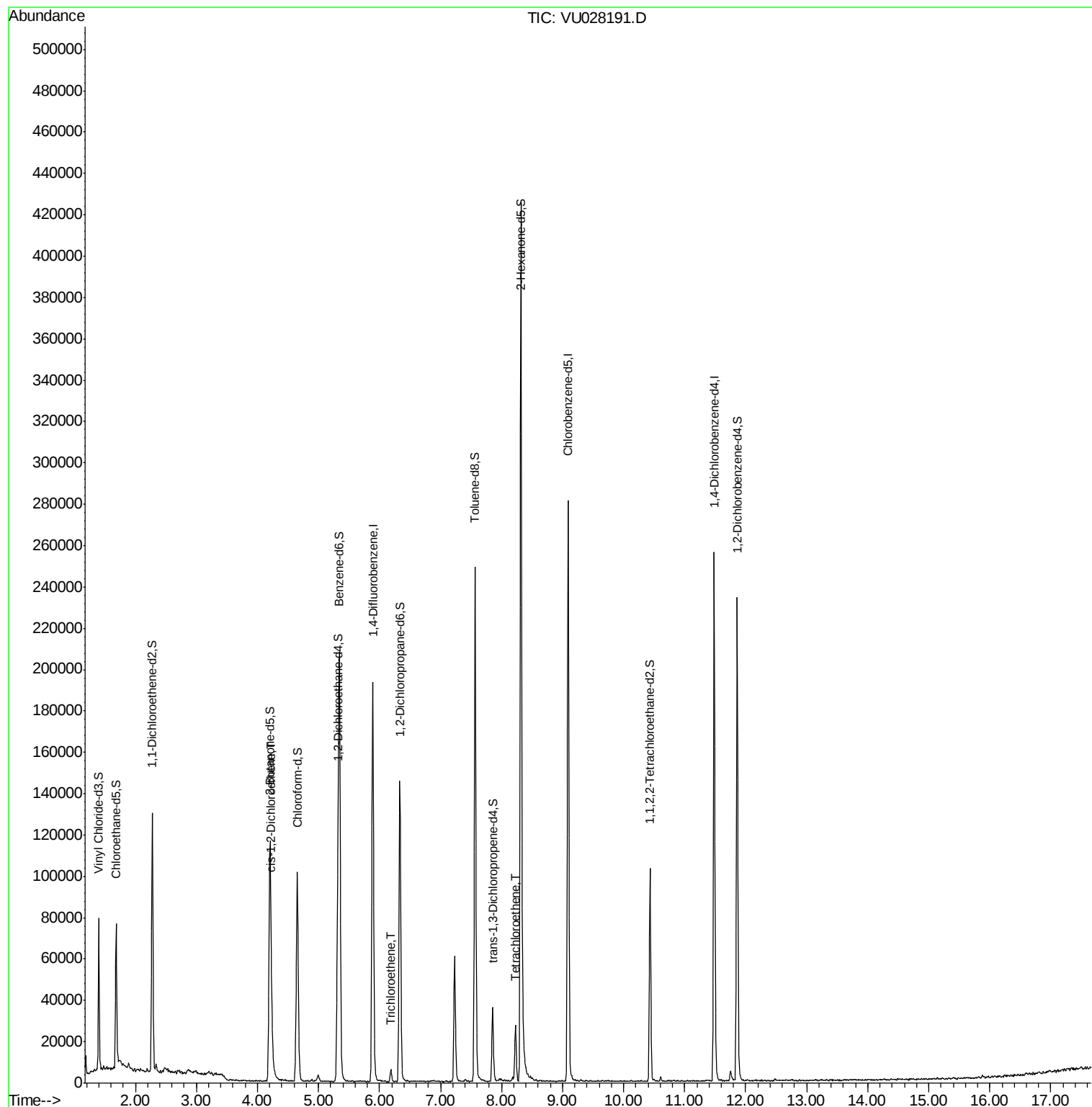
Target Compounds					Qvalue
22) cis-1,2-Dichloroethene	4.23	96	2019	0.171 ug/L	95
34) Trichloroethene	6.19	95	1748	0.144 ug/L #	85
47) Tetrachloroethene	8.23	164	6328	0.641 ug/L	93

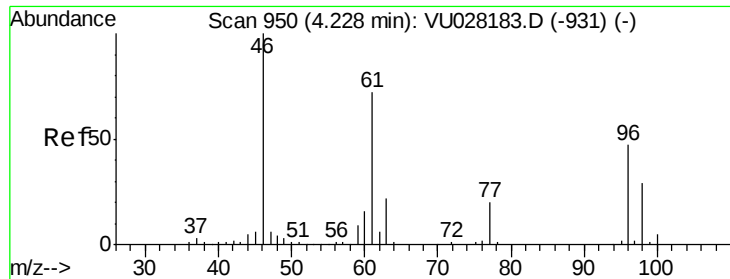
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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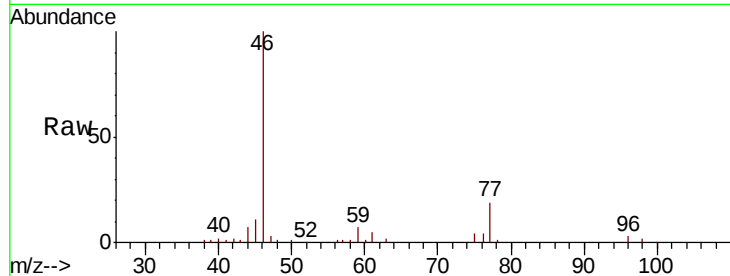


#22

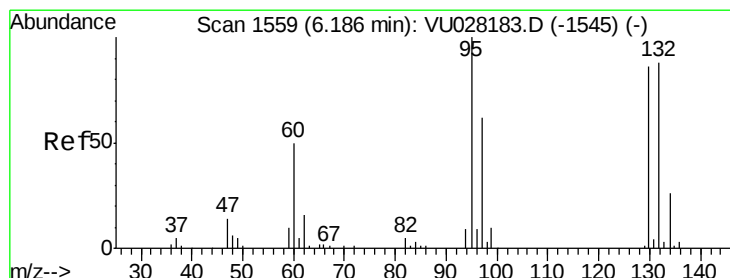
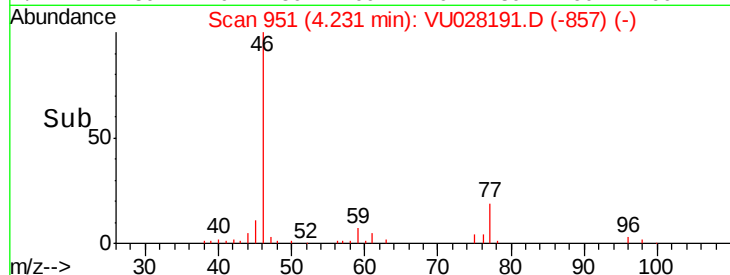
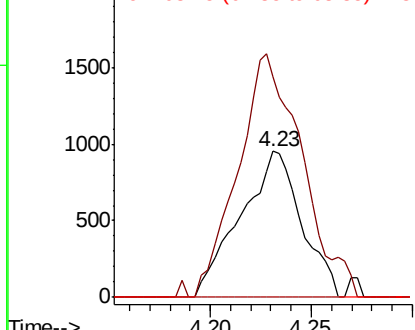
cis-1,2-Dichloroethene
Concen: 0.171 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU028191.D
Acq: 16 Nov 2018 18:12

Instrument :
MSVOA_U
ClientSampleId :
F9C20

Tgt Ion: 96 Resp: 2019
Ion Ratio Lower Upper
96 100
61 151.0 101.8 189.0
68 0.0 0.0 0.0



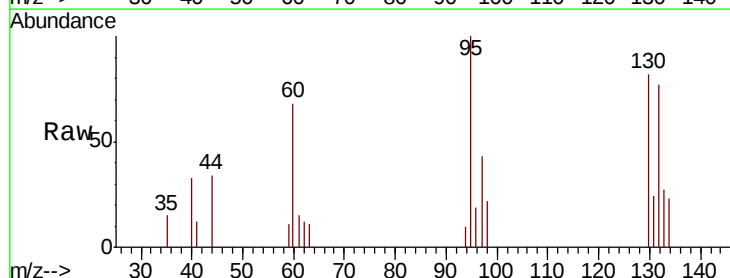
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



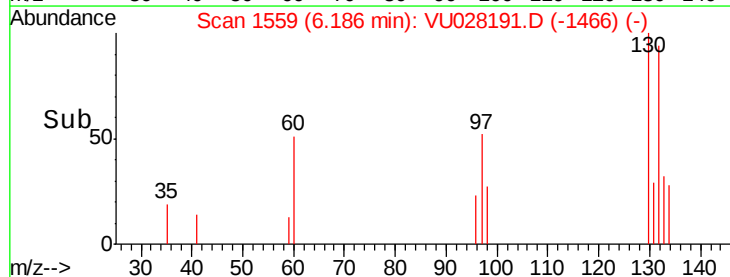
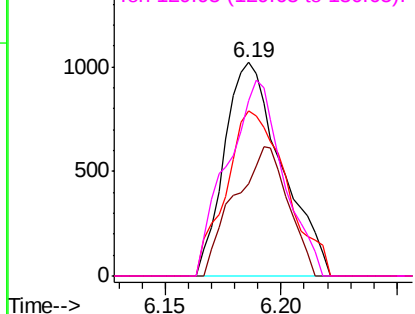
#34

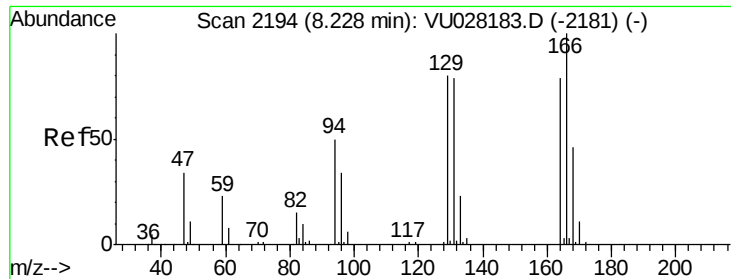
Trichloroethene
Concen: 0.144 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU028191.D
Acq: 16 Nov 2018 18:12

Tgt Ion: 95 Resp: 1748
Ion Ratio Lower Upper
95 100
97 43.0 45.3 84.1#
132 77.5 63.0 117.0
130 82.4 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: 0.641 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
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Tgt Ion:	164	Resp:	6328
Ion	Ratio	Lower	Upper
164	100		
129	86.3	69.7	129.4
131	81.6	64.0	118.8
166	122.6	86.4	160.4

