

Data File : VU029290.D
Acq On : 25 Jan 2019 15:13
Operator : JC/SP
Sample : K1246-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JJ3

Quant Time: Jan 28 03:04:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jan 28 02:17:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	58537	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	61779	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	28654	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28089	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.68	69	21282	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.27	63	38594	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.20	46	63976	55.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.94%
24) Chloroform-d	4.65	84	48461	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.31	65	27254	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.34	84	88452	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.33	67	28248	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.56	98	78314	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.85	79	11795	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.31	63	58398	54.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	25054	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	31281	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

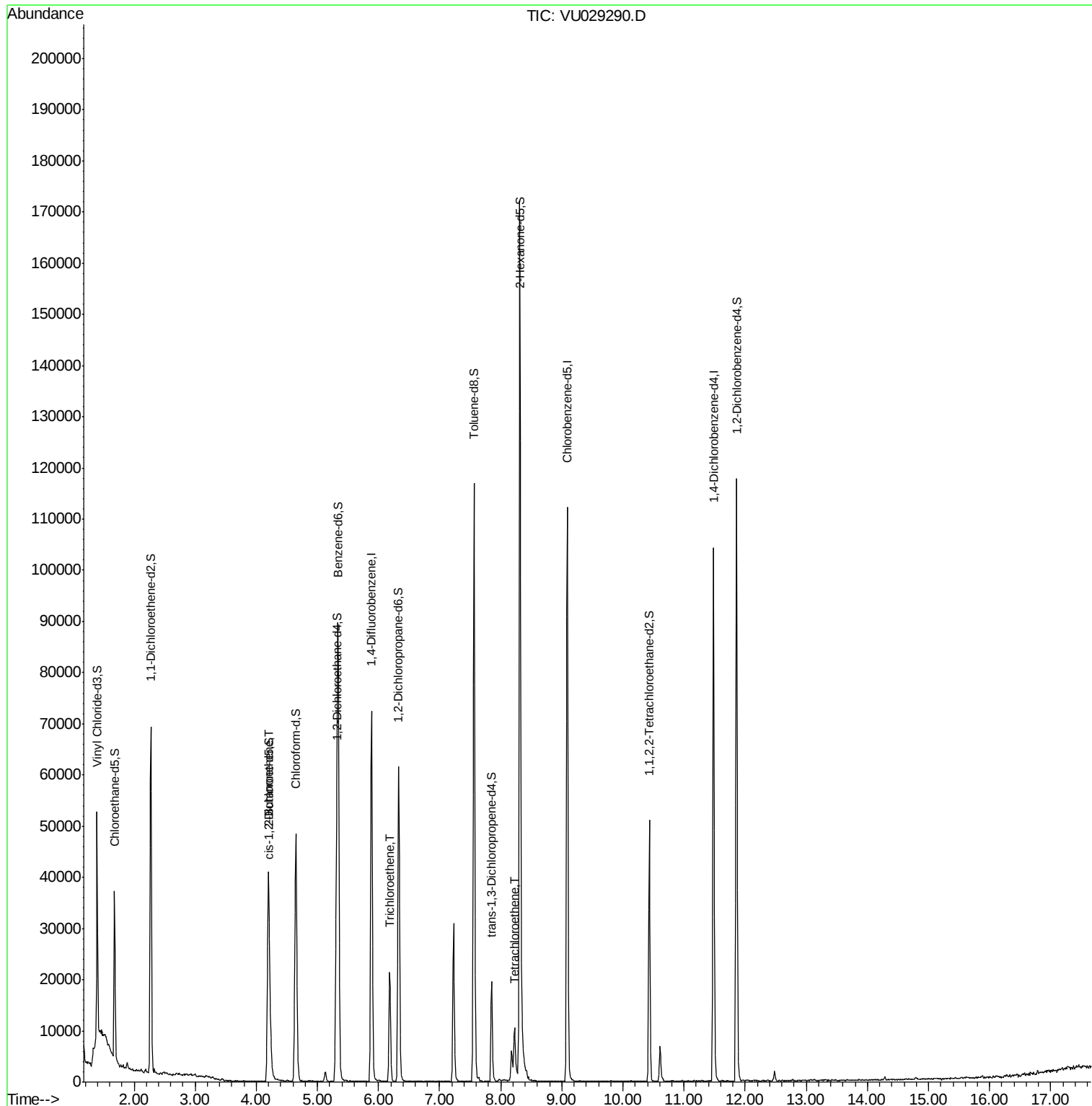
Target Compounds					Qvalue
22) cis-1,2-Dichloroethene	4.22	96	3101	0.642 ug/L	94
34) Trichloroethene	6.18	95	7033	1.378 ug/L	92
47) Tetrachloroethene	8.22	164	2129	0.475 ug/L	95

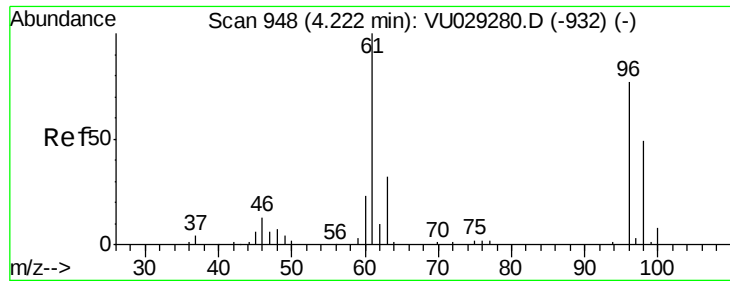
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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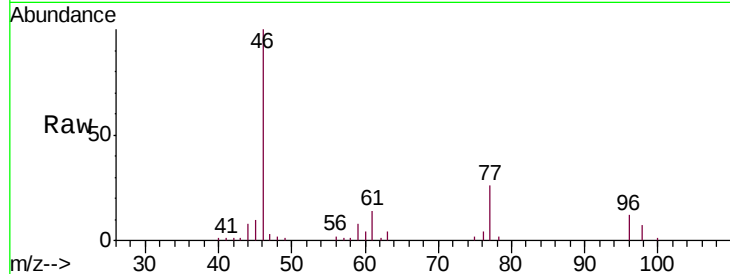


#22

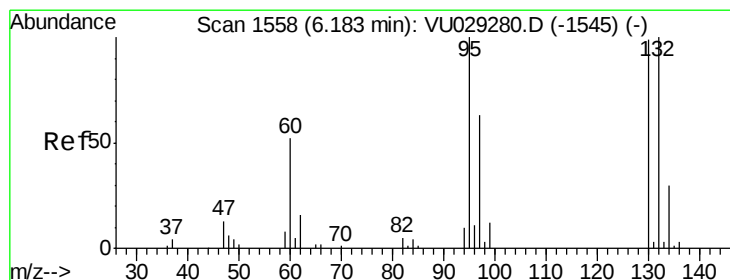
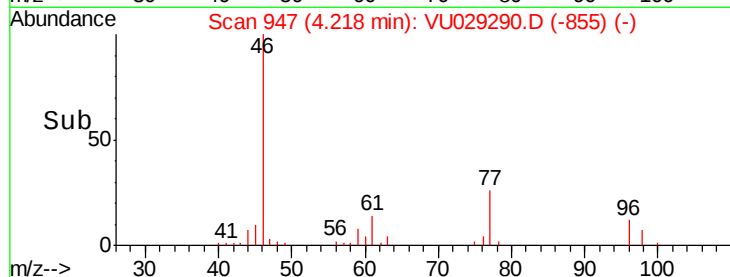
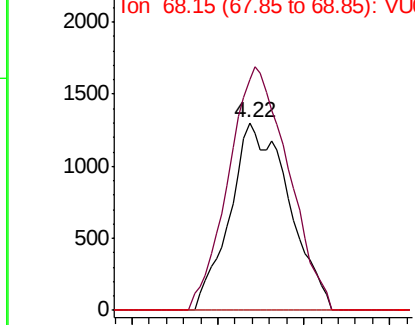
cis-1,2-Dichloroethene
Concen: 0.642 ug/L
RT: 4.22 min Scan# 947
Delta R.T. -0.00 min
Lab File: VU029290.D
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Instrument :
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Tgt Ion: 96 Resp: 3101
Ion Ratio Lower Upper
96 100
61 123.0 90.7 168.5
68 0.0 0.0 0.0



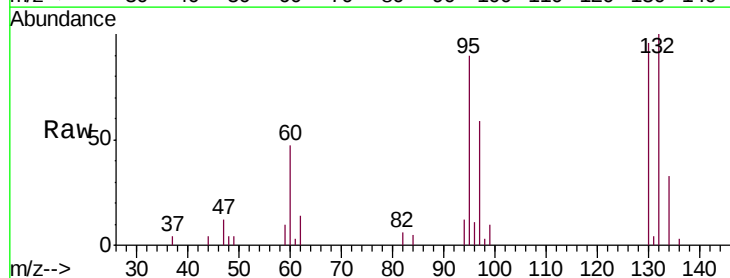
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



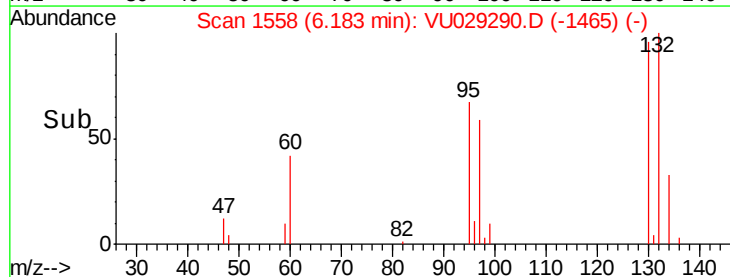
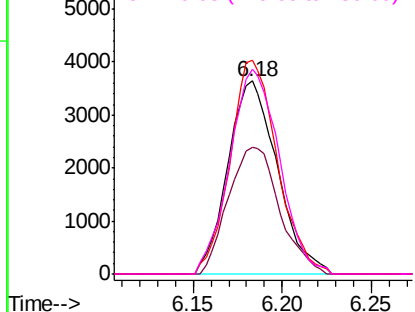
#34

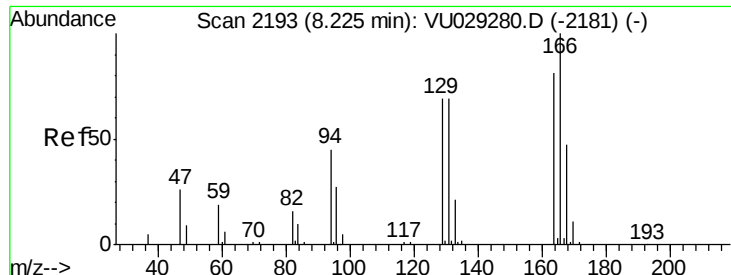
Trichloroethene
Concen: 1.378 ug/L
RT: 6.18 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VU029290.D
Acq: 25 Jan 2019 15:13

Tgt Ion: 95 Resp: 7033
Ion Ratio Lower Upper
95 100
97 65.8 44.3 82.3
132 110.8 69.9 129.9
130 106.4 69.2 128.4



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: 0.475 ug/L

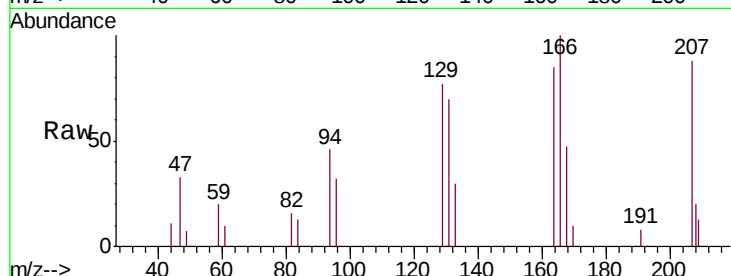
RT: 8.22 min Scan# 2193

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 2129

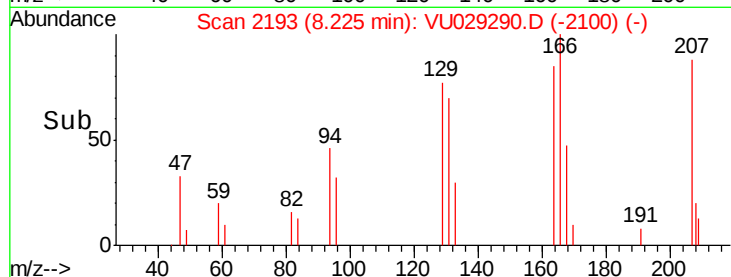
Ion Ratio Lower Upper

164 100

129 90.0 60.1 111.7

131 82.7 59.9 111.3

166 117.6 86.9 161.3



Time-->