

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092518\
 Data File : VU027136.D
 Acq On : 25 Sep 2018 18:03
 Operator : MD/SY
 Sample : J4970-07ME 5X
 Misc : 5.51g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5FD9ME

Quant Time: Sep 26 03:03:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 26 02:22:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	186713	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	179720	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	75288	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66225	39.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.74%
7) Chloroethane-d5	1.65	69	55114	42.37	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.74%
11) 1,1-Dichloroethene-d2	2.26	63	94450	29.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.78%#
21) 2-Butanone-d5	4.18	46	118053	87.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.41%
24) Chloroform-d	4.65	84	108645	41.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.31	65	80731	42.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.40%
32) Benzene-d6	5.34	84	230708	43.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.78%
36) 1,2-Dichloropropane-d6	6.33	67	83799	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.42%
41) Toluene-d8	7.57	98	193245	41.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.24%
43) trans-1,3-Dichloropropene-	7.85	79	35056	41.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.82%
47) 2-Hexanone-d5	8.31	63	86977	95.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.07%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	113834	44.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	70656	45.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.86%

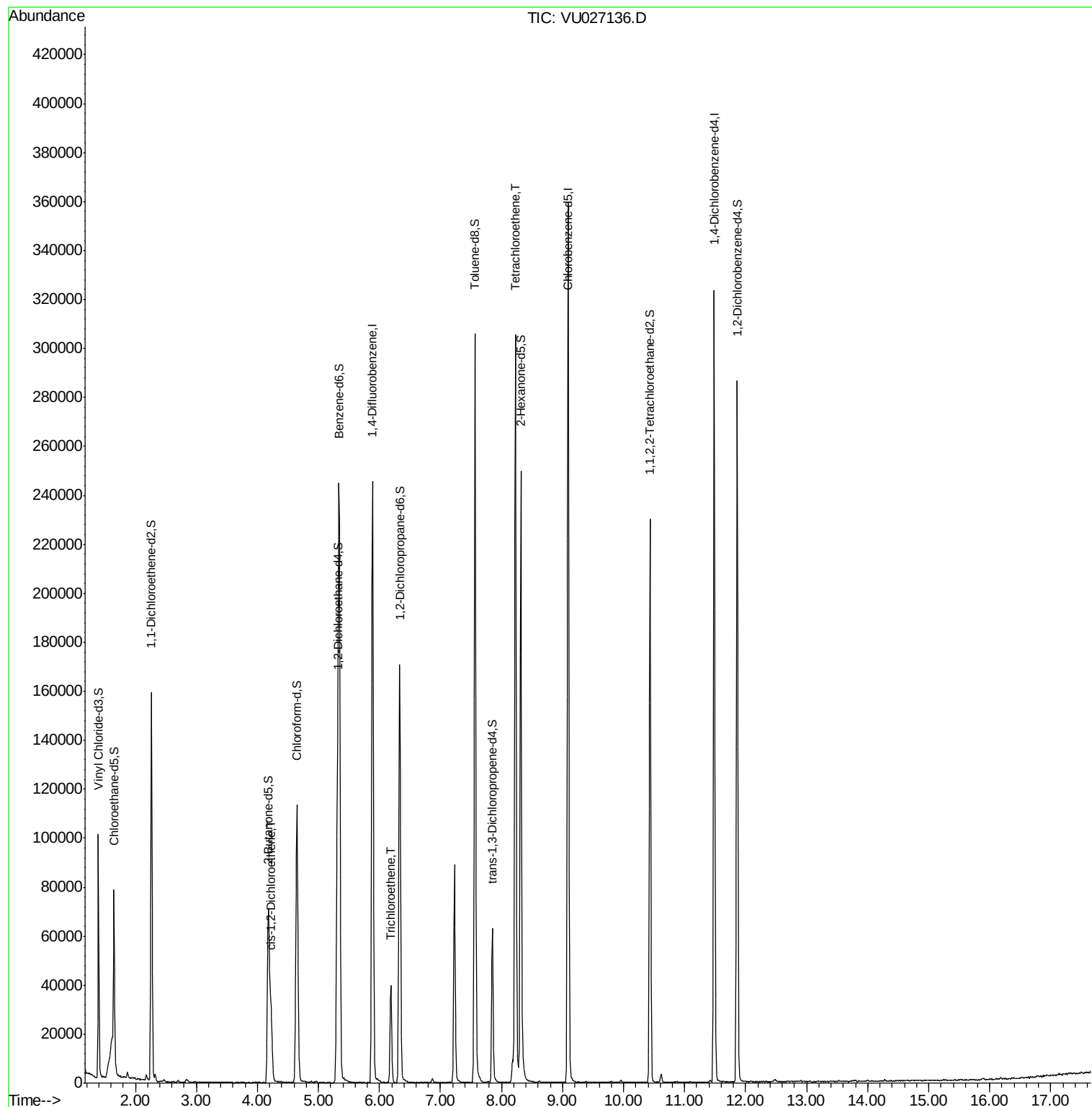
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	12557	8.309 ug/L	92
34) Trichloroethene	6.19	95	14192	10.087 ug/L	99
46) Tetrachloroethene	8.23	164	63668	63.103 ug/L	99

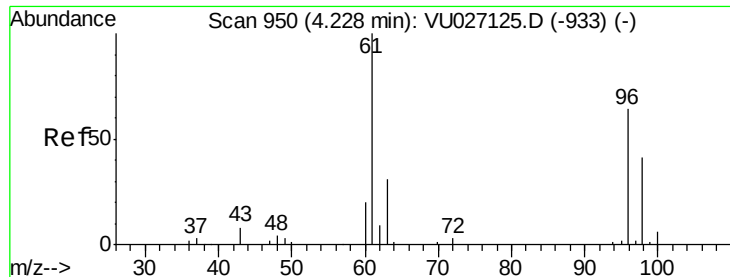
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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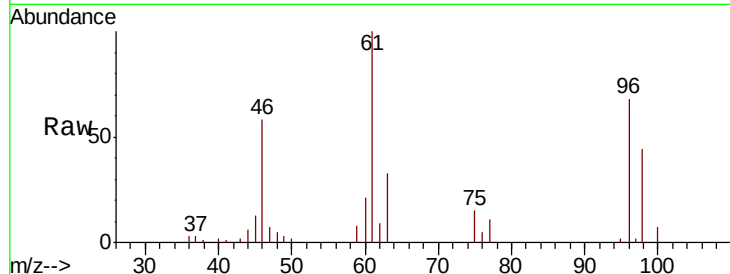




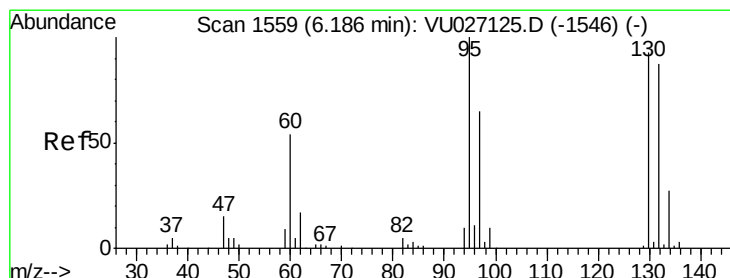
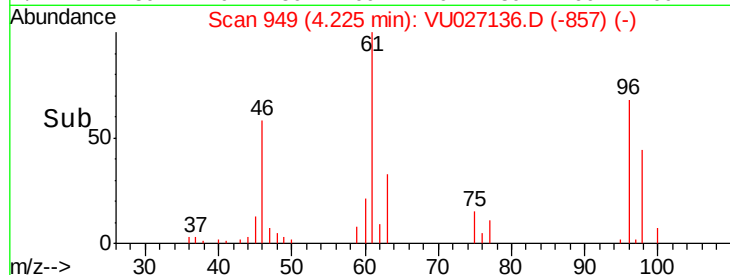
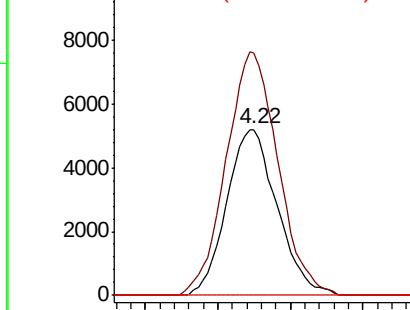
#20
 cis-1,2-Dichloroethene
 Concen: 8.309 ug/L
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU027136.D
 Acq: 25 Sep 2018 18:03

Instrument :
 MSVOA_U
 ClientSampleId :
 E5FD9ME

Tot Ion: 96 Resp: 12557
 Ion Ratio Lower Upper
 96 100
 61 146.4 109.6 203.6
 68 0.0 0.0 0.0

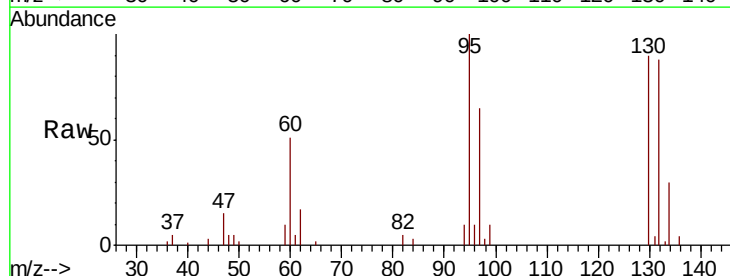


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

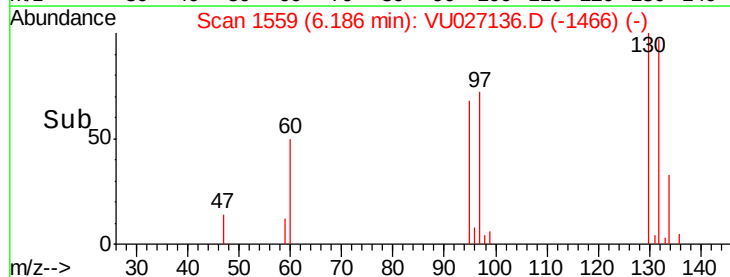
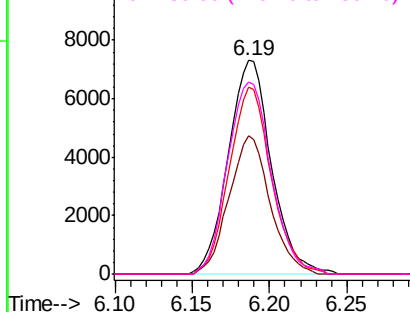


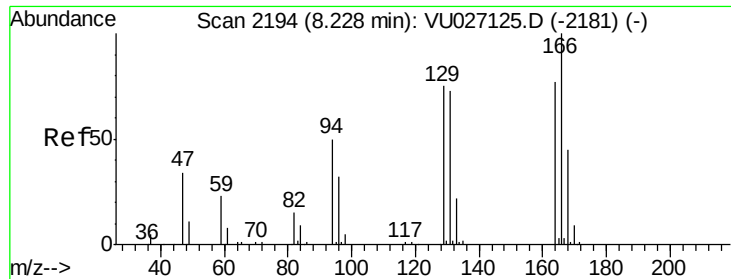
#34
 Trichloroethene
 Concen: 10.087 ug/L
 RT: 6.19 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VU027136.D
 Acq: 25 Sep 2018 18:03

Tgt Ion: 95 Resp: 14192
 Ion Ratio Lower Upper
 95 100
 97 65.0 45.4 84.2
 132 87.6 61.1 113.5
 130 90.1 65.0 120.6



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 63.103 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027136.D

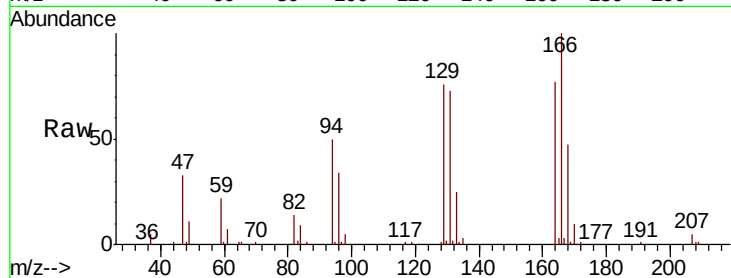
Acq: 25 Sep 2018 18:03

Instrument :

MSVOA_U

ClientSampleId :

E5FD9ME



Tot Ion:164 Resp: 63668

Ion Ratio Lower Upper

164 100

129 98.6 67.8 125.8

131 94.6 66.4 123.2

166 129.2 90.4 167.8

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

