

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\
 Data File : VU034789.D
 Acq On : 24 Sep 2019 22:17
 Operator : JC/SP
 Sample : K4984-05ME 10X
 Misc : 5.30g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDK9ME

Quant Time: Sep 25 07:44:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 25 02:59:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	590156	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	555099	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	249779	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	217054	35.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.86%
7) Chloroethane-d5	1.66	69	194649	41.69	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.38%
11) 1,1-Dichloroethene-d2	2.25	63	302115	29.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.06%#
21) 2-Butanone-d5	4.15	46	464669	100.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.35%
24) Chloroform-d	4.62	84	398488	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
26) 1,2-Dichloroethane-d4	5.28	65	277084	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.82%
32) Benzene-d6	5.31	84	831979	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
36) 1,2-Dichloropropane-d6	6.31	67	292611	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.32%
41) Toluene-d8	7.54	98	798577	48.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.58%
43) trans-1,3-Dichloropropene-	7.83	79	129246	44.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.74%
47) 2-Hexanone-d5	8.29	63	318624	105.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.49%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	410254	49.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.34%
64) 1,2-Dichlorobenzene-d4	11.84	152	271722	51.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.76%

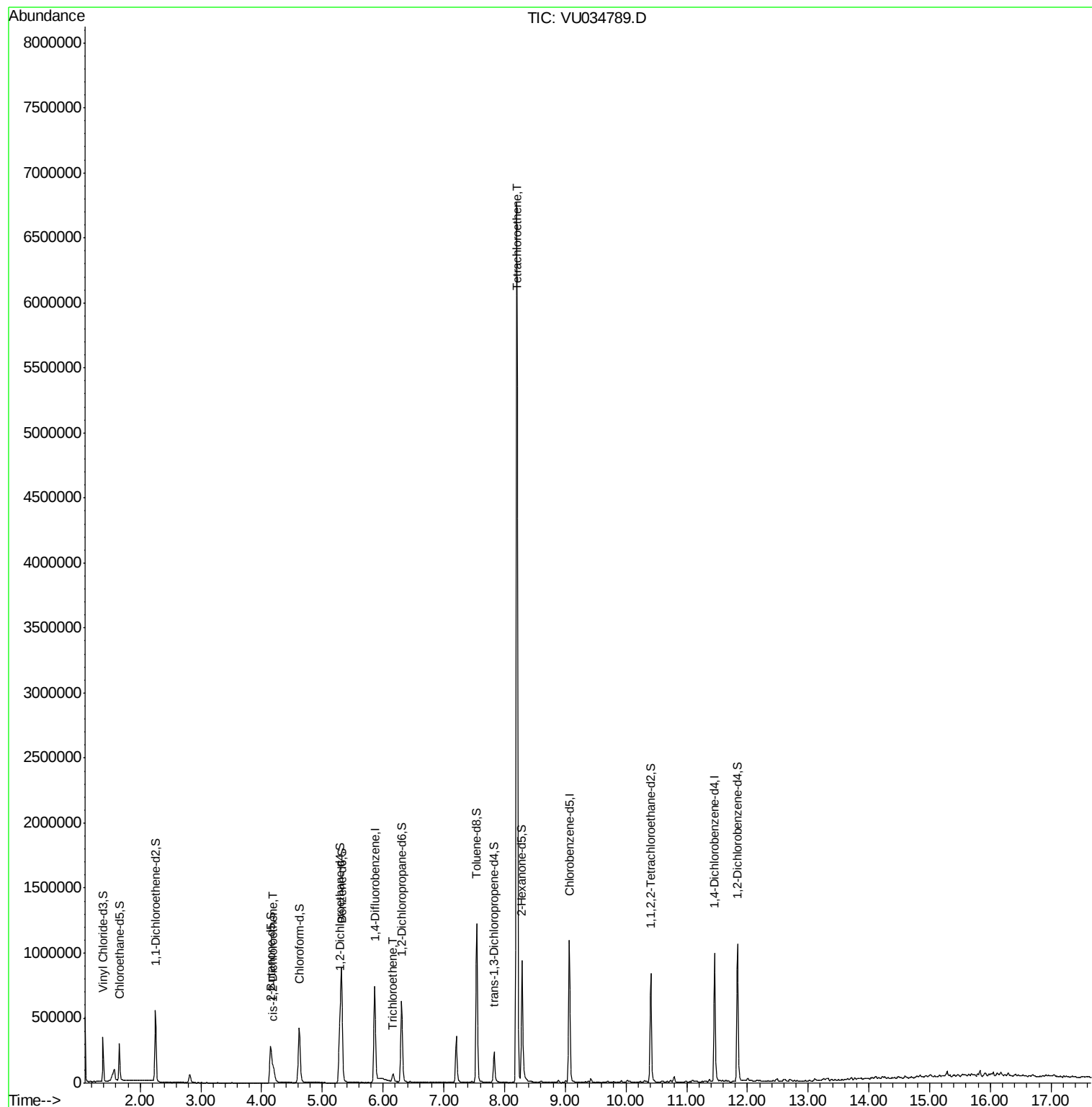
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	48998	9.927 ug/L	83
34) Trichloroethene	6.17	95	18876	3.970 ug/L	90
46) Tetrachloroethene	8.21	164	1390059	415.629 ug/L	95

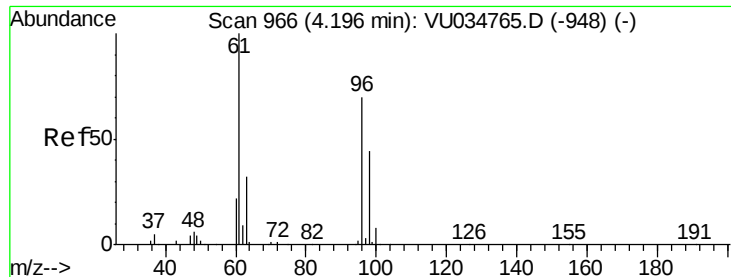
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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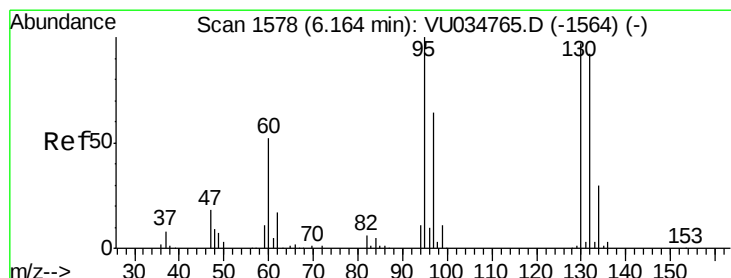
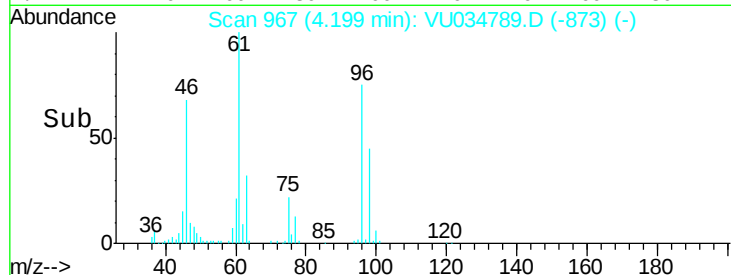
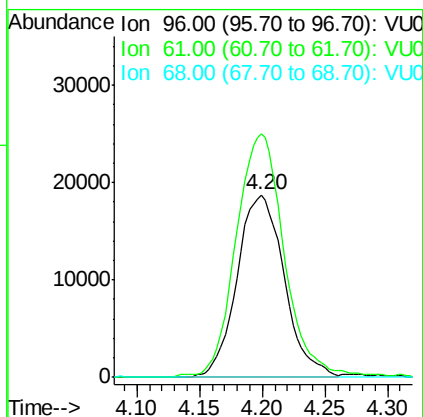
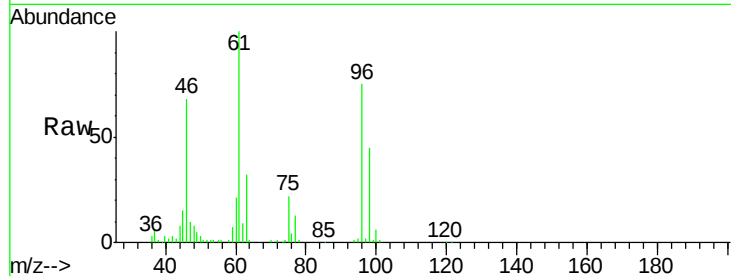




#20
 cis-1,2-Dichloroethene
 Concen: 9.927 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU034789.D
 Acq: 24 Sep 2019 22:17

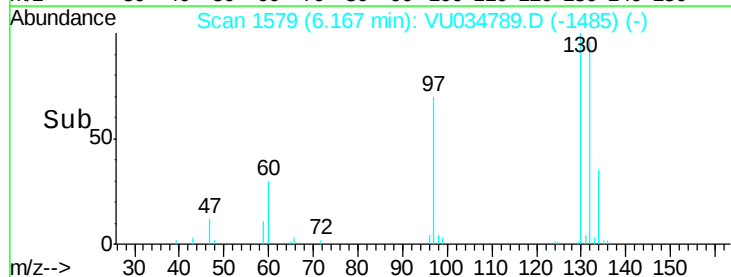
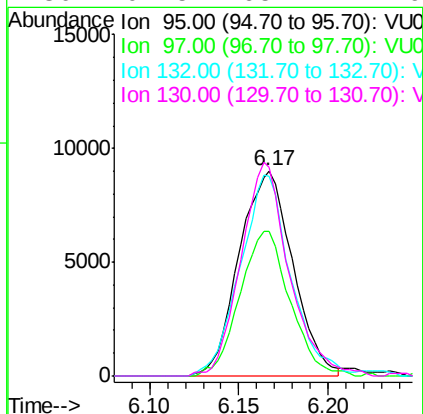
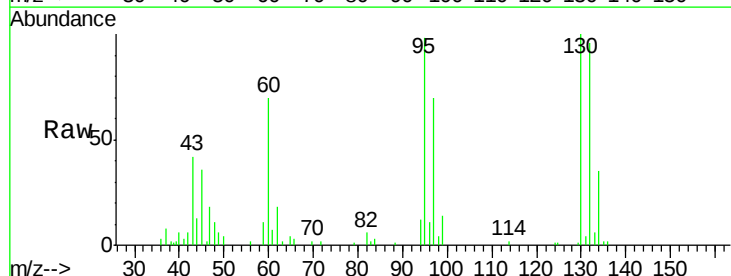
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 MSVOA_U
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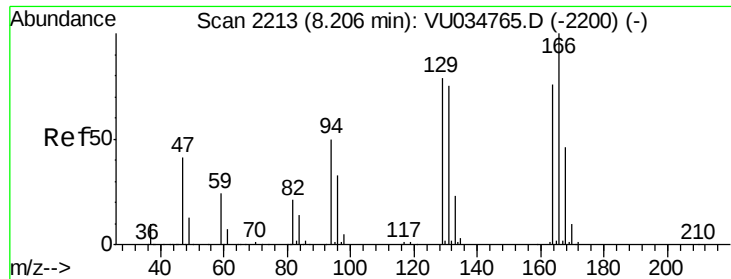
Tot Ion: 96 Resp: 48998
 Ion Ratio Lower Upper
 96 100
 61 133.5 108.8 202.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 3.970 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU034789.D
 Acq: 24 Sep 2019 22:17

Tgt Ion: 95 Resp: 18876
 Ion Ratio Lower Upper
 95 100
 97 70.7 43.7 81.1
 132 97.6 61.0 113.2
 130 101.5 65.7 121.9





#46

Tetrachloroethene

Concen: 415.629 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

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Instrument :
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Tot Ion:164 Resp: 1390059

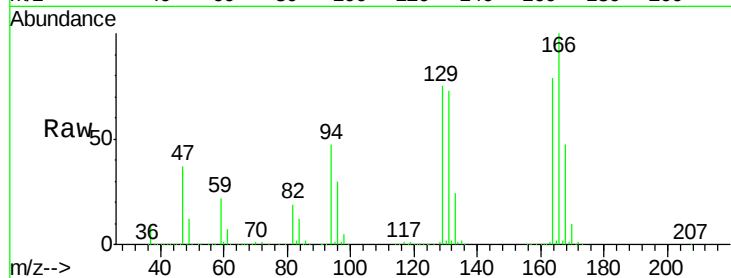
Ion Ratio Lower Upper

164 100

129 95.4 71.9 133.5

131 92.8 66.3 123.1

166 127.4 93.4 173.6



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

