

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102219\
 Data File : VV013281.D
 Acq On : 22 Oct 2019 15:59
 Operator : SY/MD
 Sample : K5457-01
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K06

Quant Time: Oct 23 02:21:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 01:23:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	438653	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	479898	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	251153	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	173675	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.58	69	145752	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.13	63	220452	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	3.97	46	455163	73.29	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	146.58%#
24) Chloroform-d	4.40	84	399273	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.08	65	191114	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.10	84	792977	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.12	67	239828	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	650523	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.66	79	68901	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.14	63	329802	52.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	171750	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	267400	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

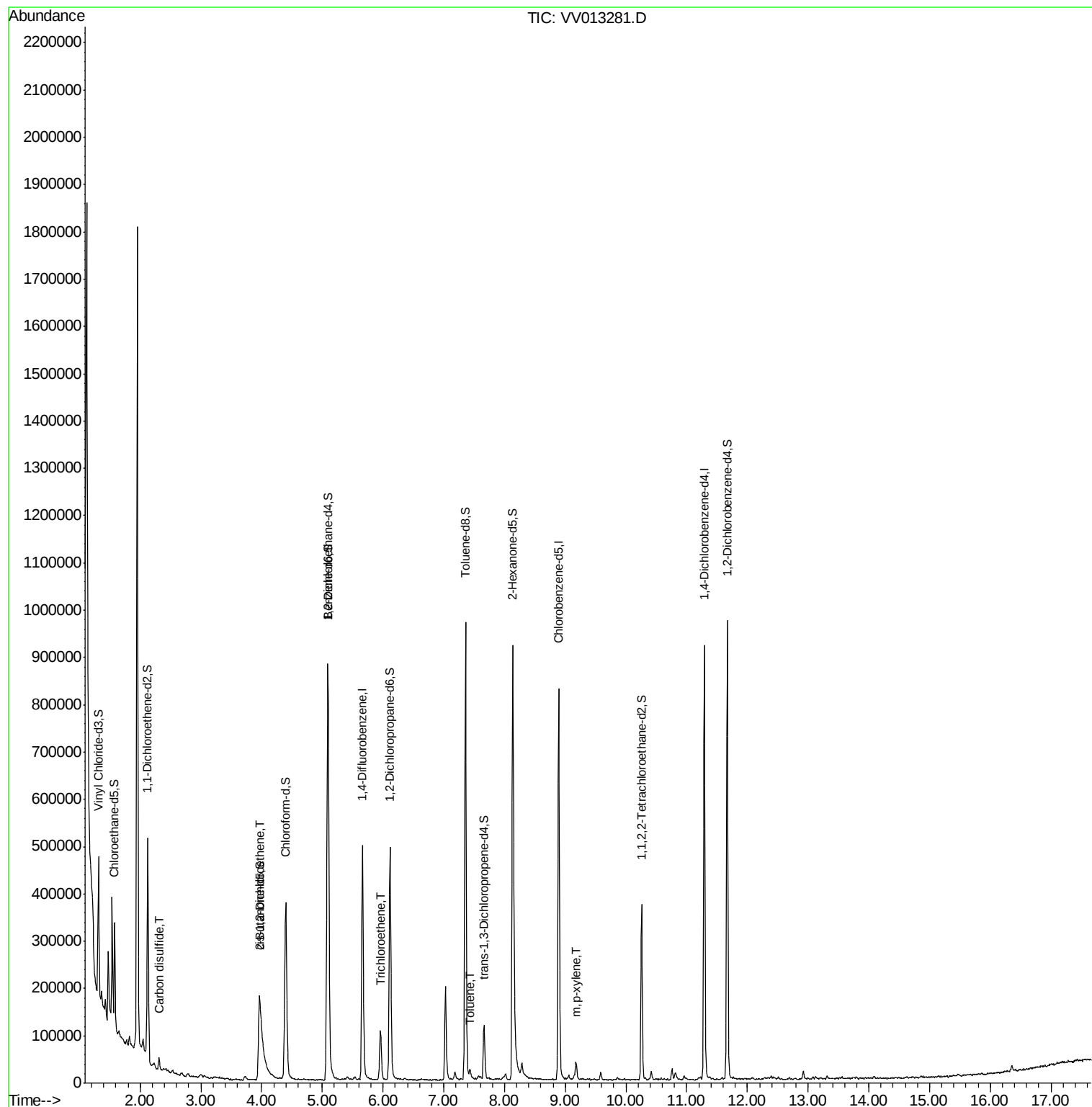
					Ovalue
14) Carbon disulfide	2.31	76	29756	0.301 ug/L #	94
22) cis-1,2-Dichloroethene	3.96	96	23445	0.539 ug/L #	92
34) Trichloroethene	5.96	95	35094	0.714 ug/L	98
42) Toluene	7.43	91	12811	0.067 ug/L	95
53) m,p-xylene	9.18	106	10464	0.136 ug/L	93

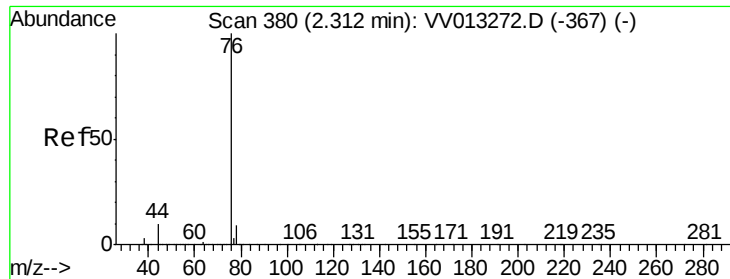
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.301 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

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ClientSampleId :

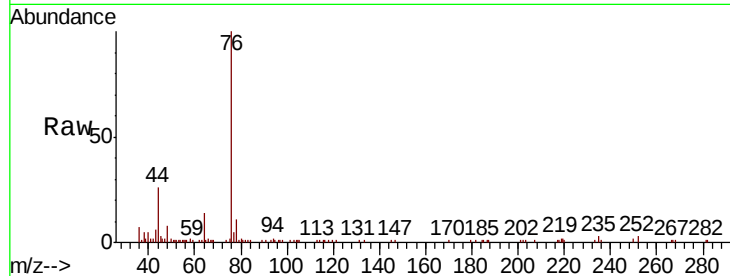
C0K06

Tot Ion: 76 Resp: 29756

Ion Ratio Lower Upper

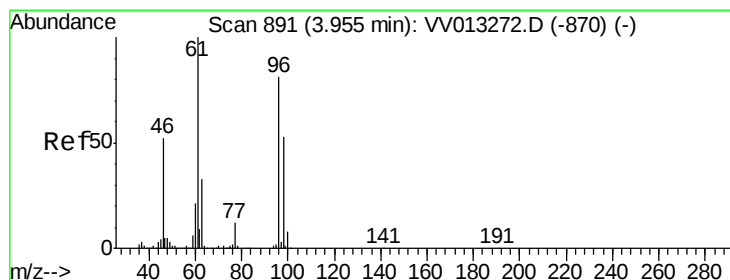
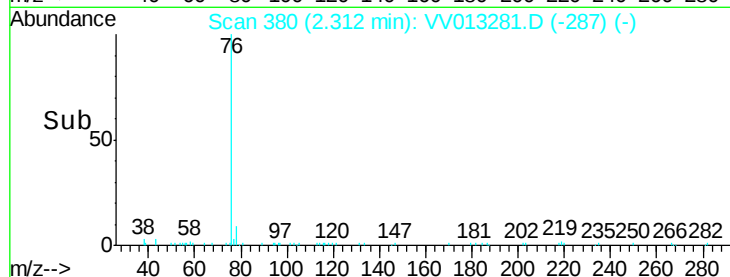
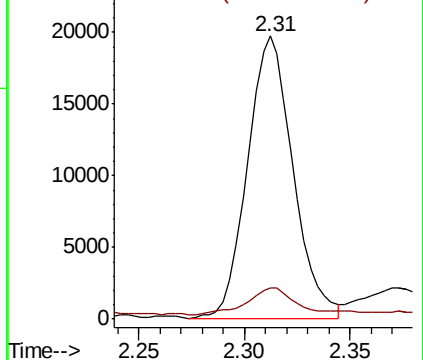
76 100

78 11.2 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.539 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV013281.D

Acq: 22 Oct 2019 15:59

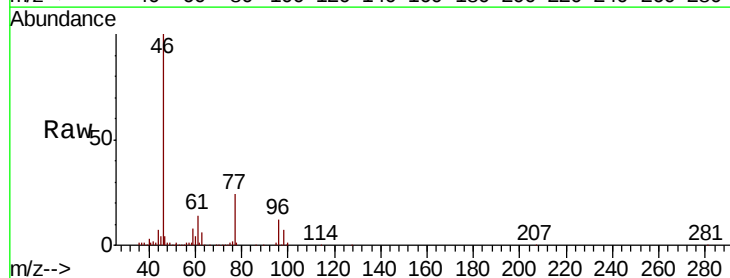
Tgt Ion: 96 Resp: 23445

Ion Ratio Lower Upper

96 100

61 118.6 77.3 143.7

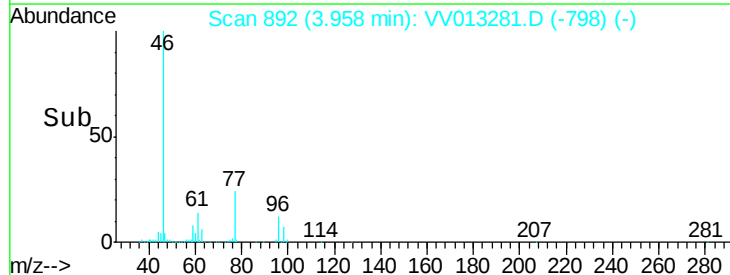
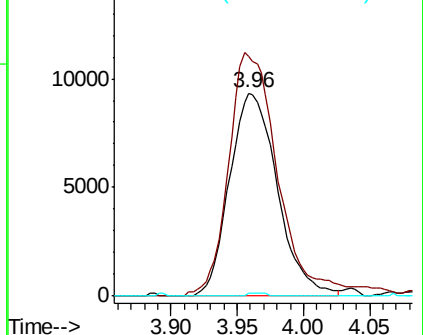
68 1.2 0.1 0.1#

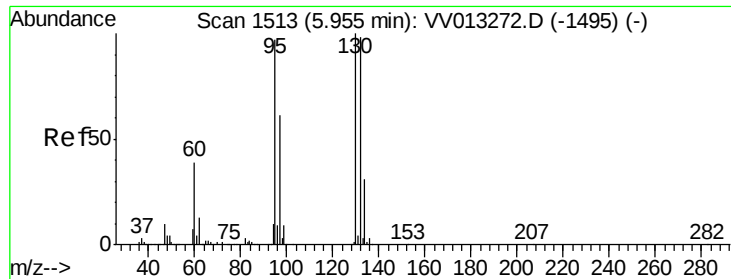


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 0.714 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013281.D

Acq: 22 Oct 2019 15:59

Instrument :

MSVOA_V

ClientSampleId :

C0K06

Tot Ion: 95 Resp: 35094

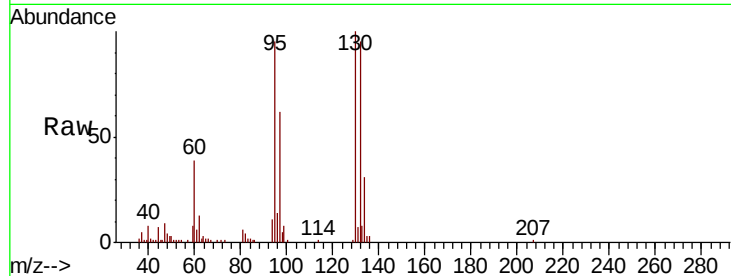
Ion Ratio Lower Upper

95 100

97 65.6 45.2 84.0

132 100.3 70.6 131.2

130 105.1 75.5 140.3

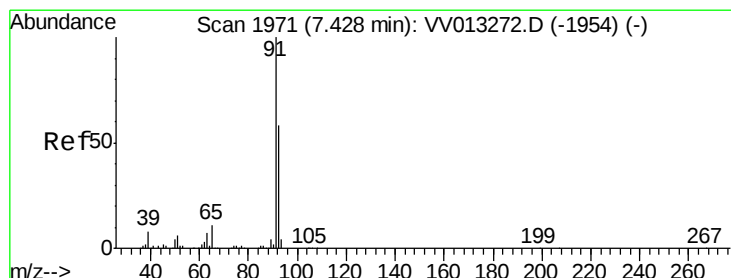
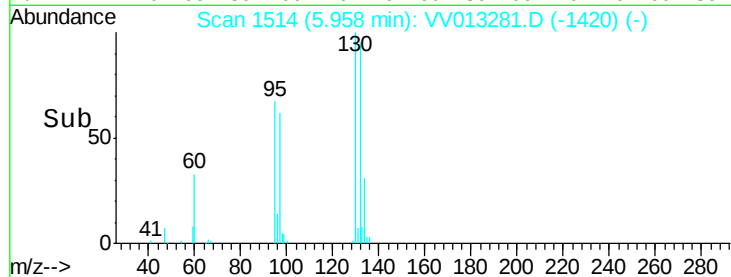
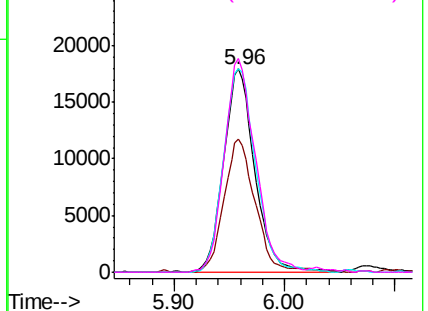


Abundance Ion 95.00 (94.70 to 95.70): VV013281.D (-1420) (-)

Ion 96.95 (96.65 to 97.65): VV013281.D (-1420) (-)

Ion 131.95 (131.65 to 132.65): VV013281.D (-1420) (-)

Ion 129.95 (129.65 to 130.65): VV013281.D (-1420) (-)



#42

Toluene

Concen: 0.067 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV013281.D

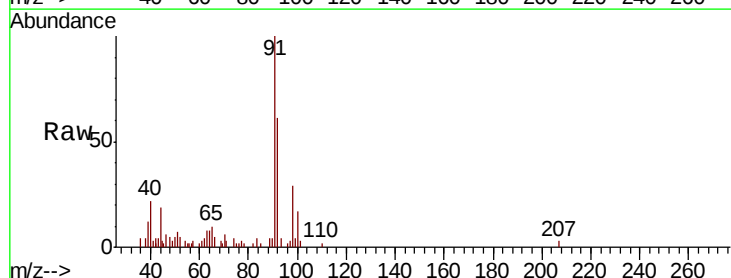
Acq: 22 Oct 2019 15:59

Tgt Ion: 91 Resp: 12811

Ion Ratio Lower Upper

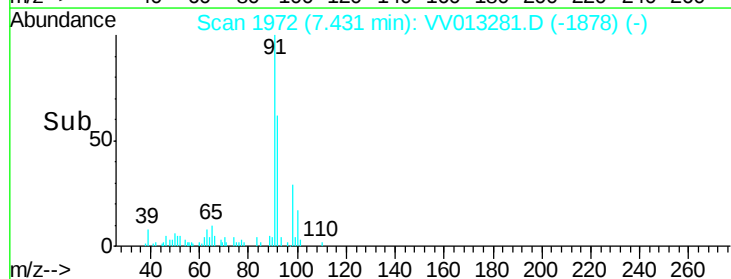
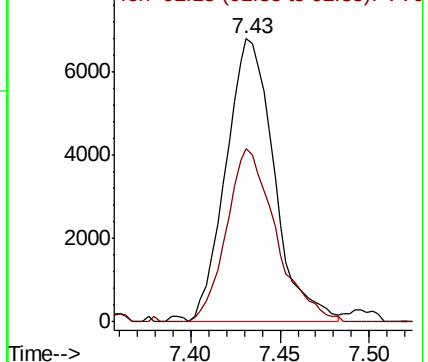
91 100

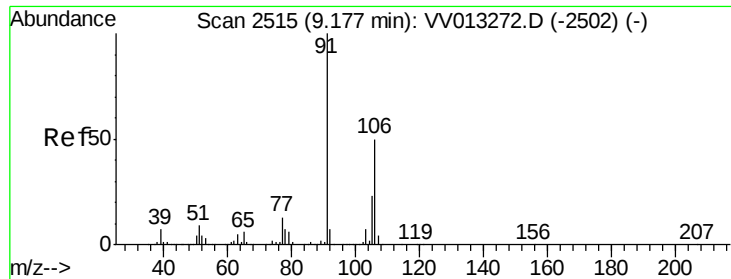
92 61.3 40.5 75.1



Abundance Ion 91.15 (90.85 to 91.85): VV013281.D (-1878) (-)

Ion 92.15 (91.85 to 92.85): VV013281.D (-1878) (-)





#53

m,p-xylene

Concen: 0.136 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV013281.D

Acq: 22 Oct 2019 15:59

Instrument :
MSVOA_V
ClientSampleId :
C0K06

Tot Ion:106 Resp: 10464

Ion Ratio Lower Upper

106 100

91 206.9 137.8 255.8

