

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030119\
 Data File : VV009450.D
 Acq On : 01 Mar 2019 12:49
 Operator : SY/MD
 Sample : K1599-07DL 4X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 04 09:31:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 02 00:06:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88905	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85548	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39642	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23751	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.58	69	22819	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.13	63	45435	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	3.96	46	54085	61.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.84%
24) Chloroform-d	4.40	84	50916	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.00%
26) 1,2-Dichloroethane-d4	5.09	65	26231	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
32) Benzene-d6	5.10	84	104452	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.80%
36) 1,2-Dichloropropane-d6	6.12	67	31328	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.20%
41) Toluene-d8	7.36	98	104556	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
43) trans-1,3-Dichloropropene-	7.67	79	12681	5.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.60%
46) 2-Hexanone-d5	8.14	63	48260	60.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23408	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	36996	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

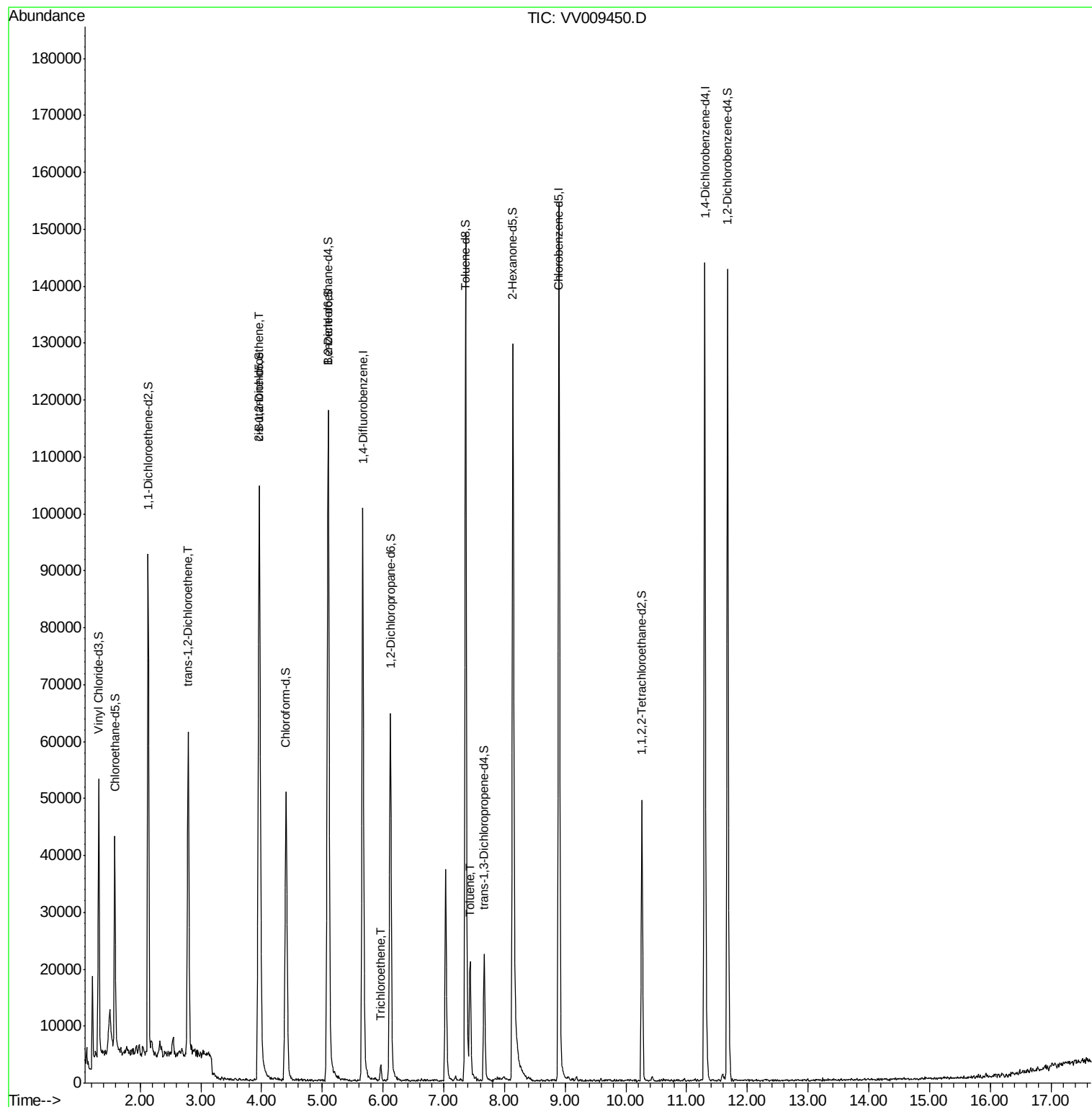
Target Compounds

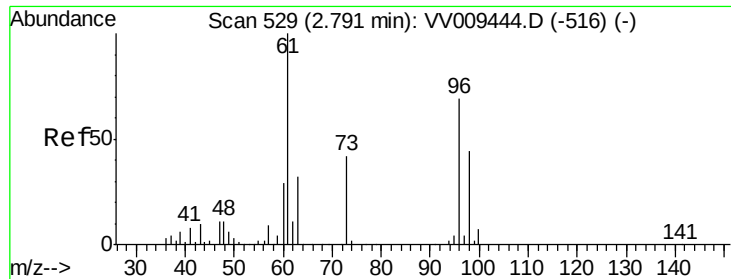
					Ovalue
18) trans-1,2-Dichloroethene	2.79	96	19818	3.141 ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	41078	6.972 ug/L	97
34) Trichloroethene	5.96	95	970	0.154 ug/L	98
42) Toluene	7.43	91	15101	0.596 ug/L	94

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 02 00:06:51 2019
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#18

trans-1,2-Dichloroethene

Concen: 3.141 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV009450.D

Acq: 01 Mar 2019 12:49

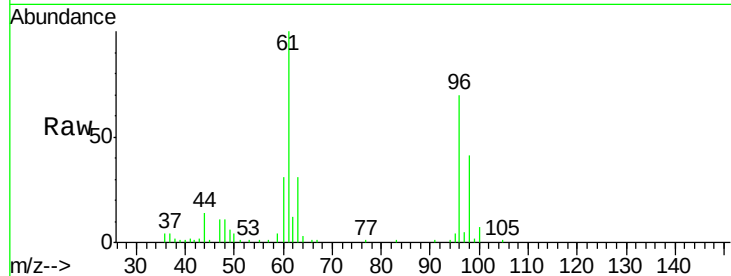
Tot Ion: 96 Resp: 19818

Ion Ratio Lower Upper

96 100

61 142.3 106.0 196.8

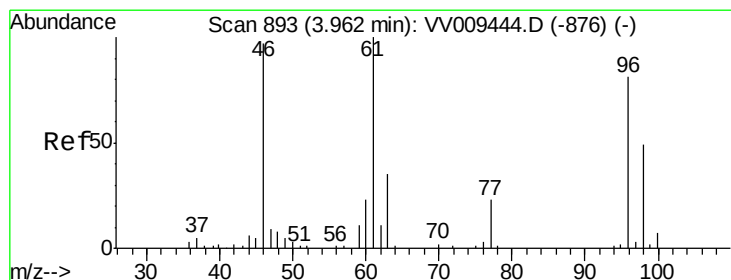
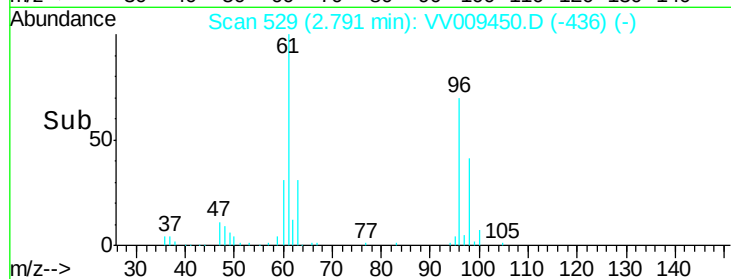
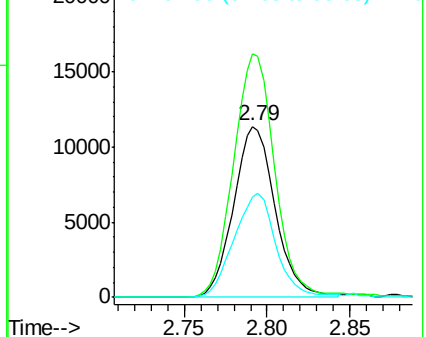
98 58.3 48.2 89.4



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 6.972 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV009450.D

Acq: 01 Mar 2019 12:49

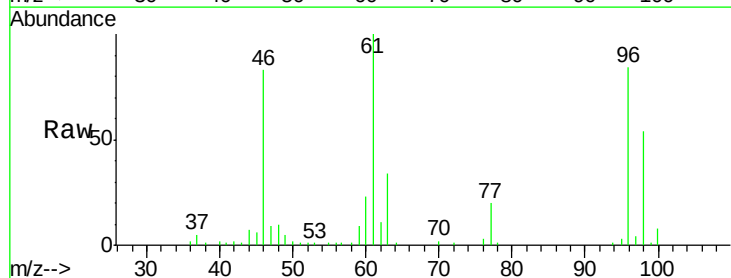
Tgt Ion: 96 Resp: 41078

Ion Ratio Lower Upper

96 100

61 119.3 86.0 159.8

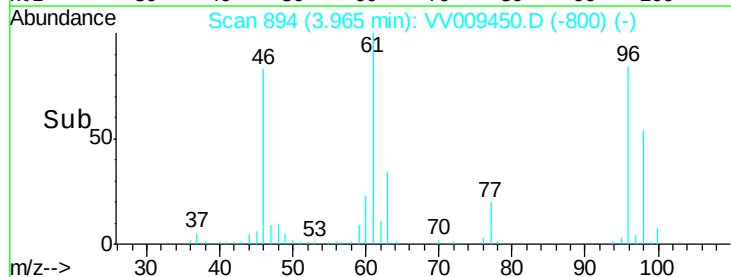
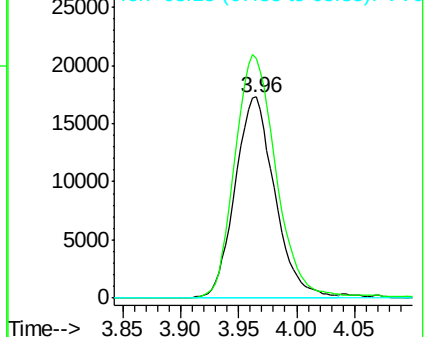
68 0.0 0.0 0.0

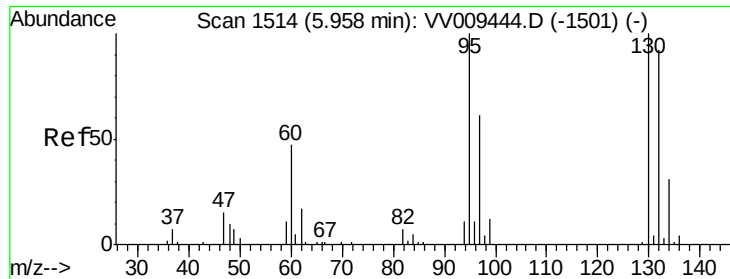


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

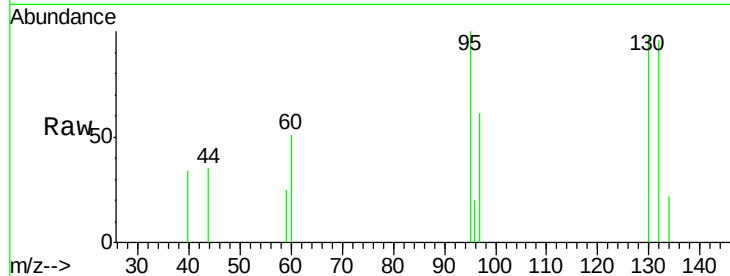
Ion 68.15 (67.85 to 68.85): VV0



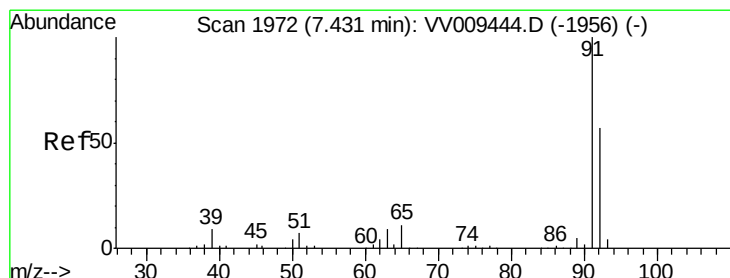
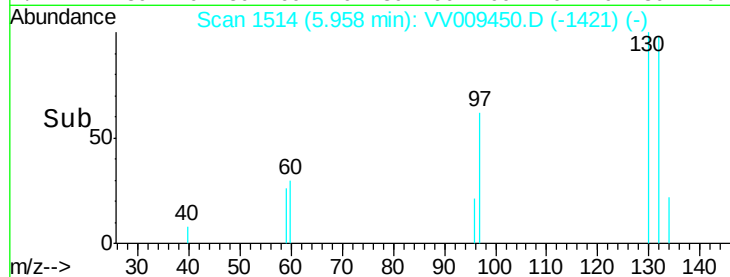
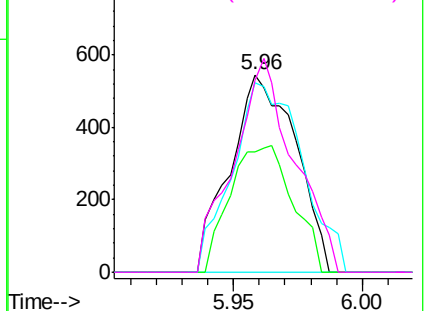


#34
 Trichloroethene
 Concen: 0.154 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV009450.D
 Acq: 01 Mar 2019 12:49

Tot Ion: 95 Resp: 970
 Ion Ratio Lower Upper
 95 100
 97 60.8 44.2 82.2
 132 96.0 67.8 126.0
 130 97.4 70.4 130.8

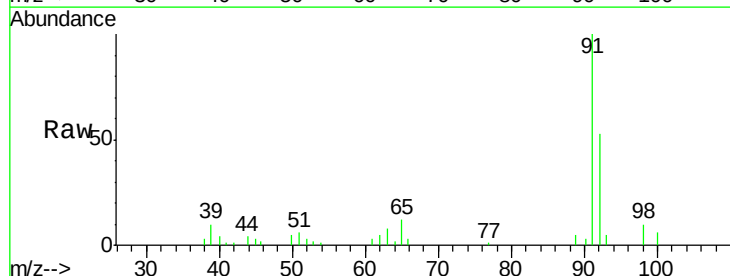


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0



#42
 Toluene
 Concen: 0.596 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV009450.D
 Acq: 01 Mar 2019 12:49

Tgt Ion: 91 Resp: 15101
 Ion Ratio Lower Upper
 91 100
 92 52.6 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV0
 Ion 92.15 (91.85 to 92.85): VV0

